

ANALYTICAL REPORT

Job Number: 460-31552-1

Job Description: FORMER GM

For:

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

Attention: Ms. Sue Scrocchi



Approved for release.
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10/28/2011 12:51 PM

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10/28/2011

cc: Chris Barton
Mr. Greg Carli

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: FORMER GM

Report Number: 460-31552-1

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 09/23/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.3 C, 4.7 C, 2.6 C.

The following sample(s) was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC):
SO-17338-092111-MM-025 (460-31552-14)

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.

TOTAL METALS

Samples 460-31552-4 and 460-31552-5 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared and analyzed on 09/30/2011.

As a standard practice all soil samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 2X-4X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Samples 460-31552-4 and 460-31552-5(4X) required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The matrix duplicate %RPD for copper associated with batch 87829 was outside the control limits. The matrix spike (MS) recoveries for antimony in batch 87829 was outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Antimony was detected in method blank MB 460-87829/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

Antimony failed the recovery criteria low for the MS of sample 460-31716-8 in batch 460-87399.

Refer to the QC report for details.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-31552-4 and 460-31552-5 were analyzed for total mercury in accordance with EPA SW-846 Method 7471A. The samples were prepared and analyzed on 09/27/2011.

The matrix spike (MS) recovery for batch 87472 was outside control limits for Mercury. The associated laboratory control sample (LCS) recovery met acceptance criteria. The presence of the '4' qualifier in the report indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No other difficulties were encountered during the mercury analyses.

All other quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples 460-31552-4 and 460-31552-5 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 09/27/2011 and 10/04/2011 and analyzed on 09/27/2011 and 10/06/2011.

The continuing calibration verification (CCV) for d-BHC associated with batch 87399 recovered above the upper control limit. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

Refer to the QC report for details.

No other difficulties were encountered during the pesticides analyses.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-31552-4 and 460-31552-5 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 09/27/2011 and 10/04/2011 and analyzed on 09/27/2011 and 10/05/2011.

No difficulties were encountered during the PCBs analyses.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-31552-4 and 460-31552-5 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were prepared on 09/26/2011 and analyzed on 09/28/2011 and 10/05/2011.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 87487 were outside control limits for Chloroethane; MS recoveries were also outside control limits for 1,1,2,2-Tetrachloroethane. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike and/or matrix spike duplicate (MS/MSD) recoveries of Chloroethane, Trichloroethene, and 1,1,2,2-Tetrachloroethane were outside control limits in batch 88346. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Refer to the QC report for details.

No other difficulties were encountered during the volatiles analyses.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-31552-4 and 460-31552-5 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 09/27/2011 and 10/04/2011 and analyzed on 09/28/2011 and 10/08/2011.

The matrix spike (MS) recoveries for batch 87412 were outside control limits for Benzo(a)pyrene and Benzo(b)fluoranthene. The associated laboratory control sample (LCS) recovery met acceptance criteria.

Some analytes were outside acceptance limits in the capping continuing calibration verification (CCV) associated with batch 88920. Sample matrix is suspected as the cause of this failure. The capping CCV requirement is specific to the Delaware HSCA SOP. All other method-specific calibration verification requirements were met.

Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analyses.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 460-31552-1 through 460-31552-12 were analyzed for percent solids in accordance with ASTM D2974-87 Modified. The samples were analyzed on 09/27/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-31552-1	SO-17338-092111-MM-039	Solid	09/21/2011 0950	09/23/2011 1830
460-31552-2	SO-17338-092111-MM-040	Solid	09/21/2011 1015	09/23/2011 1830
460-31552-3	SO-17338-092111-MM-041	Solid	09/21/2011 1020	09/23/2011 1830
460-31552-4	SO-17338-092111-MM-042	Solid	09/21/2011 1105	09/23/2011 1830
460-31552-5	SO-17338-092111-MM-043	Solid	09/21/2011 1120	09/23/2011 1830
460-31552-6	SO-17338-092111-MM-044	Solid	09/21/2011 1240	09/23/2011 1830
460-31552-7	SO-17338-092111-MM-045	Solid	09/21/2011 1255	09/23/2011 1830
460-31552-8	SO-17338-092111-MM-046	Solid	09/21/2011 1320	09/23/2011 1830
460-31552-9	SO-17338-092111-MM-047	Solid	09/21/2011 1330	09/23/2011 1830
460-31552-10	SO-17338-092111-MM-048	Solid	09/21/2011 1415	09/23/2011 1830
460-31552-11	SO-17338-092111-MM-049	Solid	09/21/2011 1430	09/23/2011 1830
460-31552-12	SO-17338-092111-MM-050	Solid	09/21/2011 1440	09/23/2011 1830

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31552-1	SO-17338-092111-MM-039					
Percent Moisture		7.0		1.0	%	Moisture
Percent Solids		93.0		1.0	%	Moisture
460-31552-2	SO-17338-092111-MM-040					
Percent Moisture		7.7		1.0	%	Moisture
Percent Solids		92.3		1.0	%	Moisture
460-31552-3	SO-17338-092111-MM-041					
Percent Moisture		19.1		1.0	%	Moisture
Percent Solids		80.9		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31552-4	SO-17338-092111-MM-042					
1,1-Dichloroethane		9.8	J	20	ug/Kg	8260B
Methylcyclohexane		6.9	J	20	ug/Kg	8260B
Toluene		4.6	J	20	ug/Kg	8260B
Fluoranthene		110	J	380	ug/Kg	8270C
Pyrene		120	J	380	ug/Kg	8270C
Chrysene		190	J	380	ug/Kg	8270C
Benzo[b]fluoranthene		420		38	ug/Kg	8270C
Benzo[k]fluoranthene		190		38	ug/Kg	8270C
Benzo[a]pyrene		430		38	ug/Kg	8270C
Indeno[1,2,3-cd]pyrene		330		38	ug/Kg	8270C
Dibenz(a,h)anthracene		55		38	ug/Kg	8270C
Benzo[g,h,i]perylene		270	J	380	ug/Kg	8270C
Aluminum		12300		44.4	mg/Kg	6010B
Arsenic		2.6		1.1	mg/Kg	6010B
Barium		63.6		44.4	mg/Kg	6010B
Beryllium		0.39	J	0.44	mg/Kg	6010B
Calcium		810	J	1110	mg/Kg	6010B
Chromium		12.6		2.2	mg/Kg	6010B
Cobalt		3.6	J	11.1	mg/Kg	6010B
Copper		4.6	J	5.5	mg/Kg	6010B
Iron		11800		33.3	mg/Kg	6010B
Lead		19.2		1.1	mg/Kg	6010B
Magnesium		588	J	1110	mg/Kg	6010B
Manganese		74.0		3.3	mg/Kg	6010B
Nickel		6.8	J	8.9	mg/Kg	6010B
Potassium		304	J	1110	mg/Kg	6010B
Sodium		109	J	1110	mg/Kg	6010B
Vanadium		17.4		11.1	mg/Kg	6010B
Zinc		27.8		6.7	mg/Kg	6010B
Mercury		0.057		0.034	mg/Kg	7471A
Percent Moisture		12.5		1.0	%	Moisture
Percent Solids		87.5		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31552-5	SO-17338-092111-MM-043					
Carbon disulfide		44	J	85	ug/Kg	8260B
Aluminum		5120		42.7	mg/Kg	6010B
Barium		23.4	J	42.7	mg/Kg	6010B
Beryllium		0.24	J	0.43	mg/Kg	6010B
Calcium		1200		1070	mg/Kg	6010B
Chromium		8.5		2.1	mg/Kg	6010B
Cobalt		1.3	J	10.7	mg/Kg	6010B
Copper		3.3	J	5.3	mg/Kg	6010B
Iron		2180		32.1	mg/Kg	6010B
Lead		4.2		1.1	mg/Kg	6010B
Magnesium		406	J	1070	mg/Kg	6010B
Manganese		20.0		3.2	mg/Kg	6010B
Nickel		3.4	J	8.5	mg/Kg	6010B
Potassium		247	J	1070	mg/Kg	6010B
Sodium		104	J	1070	mg/Kg	6010B
Vanadium		12.4		10.7	mg/Kg	6010B
Zinc		7.5		6.4	mg/Kg	6010B
Percent Moisture		13.3		1.0	%	Moisture
Percent Solids		86.7		1.0	%	Moisture
460-31552-6	SO-17338-092111-MM-044					
Percent Moisture		18.0		1.0	%	Moisture
Percent Solids		82.0		1.0	%	Moisture
460-31552-7	SO-17338-092111-MM-045					
Percent Moisture		10.3		1.0	%	Moisture
Percent Solids		89.7		1.0	%	Moisture
460-31552-8	SO-17338-092111-MM-046					
Percent Moisture		18.3		1.0	%	Moisture
Percent Solids		81.7		1.0	%	Moisture
460-31552-9	SO-17338-092111-MM-047					
Percent Moisture		14.8		1.0	%	Moisture
Percent Solids		85.2		1.0	%	Moisture
460-31552-10	SO-17338-092111-MM-048					
Percent Moisture		8.9		1.0	%	Moisture
Percent Solids		91.1		1.0	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-31552-11	SO-17338-092111-MM-049					
Percent Moisture		9.2		1.0	%	Moisture
Percent Solids		90.8		1.0	%	Moisture
460-31552-12	SO-17338-092111-MM-050					
Percent Moisture		19.4		1.0	%	Moisture
Percent Solids		80.6		1.0	%	Moisture

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Closed System Purge and Trap	TAL EDI		SW846 5035
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Polychlorinated Biphenyls (PCBs) (GC)	TAL EDI	SW846 8082	
Automated Soxhlet Extraction	TAL EDI		SW846 3541
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Metals	TAL EDI		SW846 3050B
Mercury (CVAA)	TAL EDI	SW846 7471A	
Preparation, Mercury	TAL EDI		SW846 7471A
Percent Moisture	TAL EDI	EPA Moisture	

Lab References:

TAL EDI = TestAmerica Edison

Method References:

EPA = US Environmental Protection Agency

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

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8260B	Tupayachi, Audberto	AT
SW846 8270C	Asfaw, Abebaye A.	AAA
SW846 8270C	Zhao, Chunxin	CZ
SW846 8081A	Manlangit, Ferdie	FM
SW846 8082	Damarapu, Shanthi	SD
SW846 6010B	Chang, Churn Der	CDC
SW846 7471A	Staib, Thomas	TS
EPA Moisture	Armbruster, Chris	CHA

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-88346

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-87336

Lab File ID: j04296.d

Dilution: 50

Initial Weight/Volume: 14.12 g

Analysis Date: 10/05/2011 1201

Final Weight/Volume: 5 mL

Prep Date: 09/26/2011 1716

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		20	U	5.7	20
Chloromethane		20	U	4.3	20
Vinyl chloride		20	U	2.4	20
Bromomethane		20	U	6.4	20
Chloroethane		20	U	9.0	20
Trichlorofluoromethane		20	U	3.2	20
1,1-Dichloroethene		20	U	2.8	20
1,1,2-Trichloro-1,2,2-trifluoroethane		20	U	5.8	20
Acetone		200	U	50	200
Carbon disulfide		20	U	3.0	20
Methyl acetate		40	U	6.6	40
Methylene Chloride		20	U	3.9	20
trans-1,2-Dichloroethene		20	U	2.8	20
Methyl tert-butyl ether		20	U	3.7	20
1,1-Dichloroethane		9.8	J	2.0	20
cis-1,2-Dichloroethene		20	U	3.9	20
2-Butanone (MEK)		200	U	17	200
Chloroform		20	U	3.1	20
1,1,1-Trichloroethane		20	U	5.0	20
Cyclohexane		20	U	2.5	20
Carbon tetrachloride		20	U	3.6	20
Benzene		20	U	2.4	20
1,2-Dichloroethane		20	U	5.0	20
Trichloroethene		20	U	3.6	20
Methylcyclohexane		6.9	J	1.6	20
1,2-Dichloropropane		20	U	1.8	20
Dichlorobromomethane		20	U	1.8	20
cis-1,3-Dichloropropene		20	U	2.1	20
4-Methyl-2-pentanone (MIBK)		200	U	14	200
Toluene		4.6	J	1.9	20
trans-1,3-Dichloropropene		20	U	2.5	20
1,1,2-Trichloroethane		20	U	2.0	20
Tetrachloroethene		20	U	4.0	20
2-Hexanone		200	U	11	200
Chlorodibromomethane		20	U	2.0	20
1,2-Dibromoethane		20	U	1.8	20
Chlorobenzene		20	U	3.3	20
Ethylbenzene		20	U	5.0	20
Xylenes, Total		61	U	8.8	61
Styrene		20	U	2.8	20
Bromoform		20	U	2.0	20
Isopropylbenzene		20	U	4.3	20
1,1,2,2-Tetrachloroethane		20	U	1.7	20
1,3-Dichlorobenzene		20	U	4.6	20
1,4-Dichlorobenzene		20	U	3.1	20
1,2-Dichlorobenzene		20	U	3.3	20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-88346	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-87336	Lab File ID:	j04296.d
Dilution:	50			Initial Weight/Volume:	14.12 g
Analysis Date:	10/05/2011 1201			Final Weight/Volume:	5 mL
Prep Date:	09/26/2011 1716				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		20	U	3.1	20
1,2,4-Trichlorobenzene		20	U	8.8	20

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	98		57 - 135
4-Bromofluorobenzene	99		50 - 124
Toluene-d8 (Surr)	99		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-88346

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-87336

Lab File ID: j04296.d

Dilution: 50

Initial Weight/Volume: 14.12 g

Analysis Date: 10/05/2011 1201

Final Weight/Volume: 5 mL

Prep Date: 09/26/2011 1716

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-87337	Lab File ID:	j04026.d
Dilution:	50			Initial Weight/Volume:	16.95 g
Analysis Date:	09/28/2011 0127			Final Weight/Volume:	25 mL
Prep Date:	09/26/2011 1729				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Dichlorodifluoromethane		85	U	24	85
Chloromethane		85	U	18	85
Vinyl chloride		85	U	10	85
Bromomethane		85	U	27	85
Chloroethane		85	U	38	85
Trichlorofluoromethane		85	U	13	85
1,1-Dichloroethene		85	U	12	85
1,1,2-Trichloro-1,2,2-trifluoroethane		85	U	24	85
Acetone		850	U	210	850
Carbon disulfide		44	J	12	85
Methyl acetate		170	U	28	170
Methylene Chloride		85	U	16	85
trans-1,2-Dichloroethene		85	U	12	85
Methyl tert-butyl ether		85	U	16	85
1,1-Dichloroethane		85	U	8.5	85
cis-1,2-Dichloroethene		85	U	16	85
2-Butanone (MEK)		850	U	70	850
Chloroform		85	U	13	85
1,1,1-Trichloroethane		85	U	21	85
Cyclohexane		85	U	11	85
Carbon tetrachloride		85	U	15	85
Benzene		85	U	10	85
1,2-Dichloroethane		85	U	21	85
Trichloroethene		85	U	15	85
Methylcyclohexane		85	U	6.8	85
1,2-Dichloropropane		85	U	7.4	85
Dichlorobromomethane		85	U	7.6	85
cis-1,3-Dichloropropene		85	U	8.7	85
4-Methyl-2-pentanone (MIBK)		850	U	58	850
Toluene		85	U	8.1	85
trans-1,3-Dichloropropene		85	U	10	85
1,1,2-Trichloroethane		85	U	8.3	85
Tetrachloroethene		85	U	17	85
2-Hexanone		850	U	46	850
Chlorodibromomethane		85	U	8.6	85
1,2-Dibromoethane		85	U	7.8	85
Chlorobenzene		85	U	14	85
Ethylbenzene		85	U	21	85
Xylenes, Total		260	U	37	260
Styrene		85	U	12	85
Bromoform		85	U	8.4	85
Isopropylbenzene		85	U	18	85
1,1,2,2-Tetrachloroethane		85	U	7.3	85
1,3-Dichlorobenzene		85	U	19	85
1,4-Dichlorobenzene		85	U	13	85
1,2-Dichlorobenzene		85	U	14	85

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Prep Method:	5035	Prep Batch:	460-87337	Lab File ID:	j04026.d
Dilution:	50			Initial Weight/Volume:	16.95 g
Analysis Date:	09/28/2011 0127			Final Weight/Volume:	25 mL
Prep Date:	09/26/2011 1729				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
1,2-Dibromo-3-Chloropropane		85	U	13	85
1,2,4-Trichlorobenzene		85	U	37	85

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107		57 - 135
4-Bromofluorobenzene	112		50 - 124
Toluene-d8 (Surr)	103		46 - 130

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-87487

Instrument ID: VOAMS8

Prep Method: 5035

Prep Batch: 460-87337

Lab File ID: j04026.d

Dilution: 50

Initial Weight/Volume: 16.95 g

Analysis Date: 09/28/2011 0127

Final Weight/Volume: 25 mL

Prep Date: 09/26/2011 1729

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-88920	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-88256	Lab File ID:	p20043.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	10/08/2011 0713			Final Weight/Volume:	1 mL
Prep Date:	10/04/2011 2150			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		380	U	24	380
Phenol		380	U	46	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2-Chlorophenol		380	U	50	380
2-Methylphenol		380	U	54	380
2,2'-oxybis[1-chloropropane]		380	U	49	380
Acetophenone		380	U	56	380
4-Methylphenol		380	U	62	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Hexachloroethane		38	U	6.4	38
Nitrobenzene		38	U	8.4	38
Isophorone		380	U	43	380
2-Nitrophenol		380	U	62	380
2,4-Dimethylphenol		380	U	60	380
Bis(2-chloroethoxy)methane		380	U	54	380
2,4-Dichlorophenol		380	U	60	380
Naphthalene		380	U	55	380
4-Chloroaniline		380	U	47	380
Hexachlorobutadiene		76	U	15	76
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	63	380
2-Methylnaphthalene		380	U	55	380
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	67	380
2,4,5-Trichlorophenol		380	U	73	380
1,1'-Biphenyl		380	U	62	380
2-Chloronaphthalene		380	U	53	380
2-Nitroaniline		760	U	100	760
Dimethyl phthalate		380	U	51	380
2,6-Dinitrotoluene		76	U	9.6	76
Acenaphthylene		380	U	54	380
3-Nitroaniline		760	U	85	760
Acenaphthene		380	U	54	380
2,4-Dinitrophenol		1100	U	80	1100
4-Nitrophenol		1100	U	97	1100
Dibenzofuran		380	U	57	380
2,4-Dinitrotoluene		76	U	11	76
Diethyl phthalate		380	U	51	380
Fluorene		380	U	64	380
4-Chlorophenyl phenyl ether		380	U	65	380
4-Nitroaniline		760	U	78	760
4,6-Dinitro-2-methylphenol		1100	U	180	1100
N-Nitrosodiphenylamine		380	U	61	380
4-Bromophenyl phenyl ether		380	U	67	380
Hexachlorobenzene		38	U	5.2	38
Atrazine		380	U	70	380

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-88920	Instrument ID:	BNAMS10
Prep Method:	3541	Prep Batch:	460-88256	Lab File ID:	p20043.d
Dilution:	1.0			Initial Weight/Volume:	15.04 g
Analysis Date:	10/08/2011 0713			Final Weight/Volume:	1 mL
Prep Date:	10/04/2011 2150			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1100	U	180	1100
Phenanthrene		380	U	66	380
Anthracene		380	U	67	380
Carbazole		380	U	60	380
Di-n-butyl phthalate		380	U	58	380
Fluoranthene		110	J	63	380
Pyrene		120	J	65	380
Butyl benzyl phthalate		380	U	44	380
3,3'-Dichlorobenzidine		760	U	83	760
Benzo[a]anthracene		38	U	7.0	38
Chrysene		190	J	55	380
Bis(2-ethylhexyl) phthalate		380	U	50	380
Di-n-octyl phthalate		380	U	45	380
Benzo[b]fluoranthene		420		5.6	38
Benzo[k]fluoranthene		190		5.3	38
Benzo[a]pyrene		430		4.6	38
Indeno[1,2,3-cd]pyrene		330		6.0	38
Dibenz(a,h)anthracene		55		4.5	38
Benzo[g,h,i]perylene		270	J	40	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	52		10 - 120
2-Fluorobiphenyl	84		40 - 109
2-Fluorophenol (Surr)	63		37 - 125
Nitrobenzene-d5 (Surr)	76		38 - 105
Phenol-d5 (Surr)	65		41 - 118
Terphenyl-d14 (Surr)	91		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-88920

Instrument ID: BNAMS10

Prep Method: 3541

Prep Batch: 460-88256

Lab File ID: p20043.d

Dilution: 1.0

Initial Weight/Volume: 15.04 g

Analysis Date: 10/08/2011 0713

Final Weight/Volume: 1 mL

Prep Date: 10/04/2011 2150

Injection Volume:

Tentatively Identified Compounds**Number TIC's Found: 3**

Cas Number	Analyte	RT	Est. Result (ug/Kg)	Qualifier
	Degradation product of 2,4,6-Tribromophenol(sur)	8.61	310	J
	Unknown	9.64	2500	J
	C20H12 PAH	12.56	430	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-87782

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-87412

Lab File ID: z10320.d

Dilution: 1.0

Initial Weight/Volume: 15.02 g

Analysis Date: 09/28/2011 1813

Final Weight/Volume: 1 mL

Prep Date: 09/27/2011 1200

Injection Volume:

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Benzaldehyde		380	U	24	380
Phenol		380	U	47	380
Bis(2-chloroethyl)ether		38	U	7.9	38
2-Chlorophenol		380	U	51	380
2-Methylphenol		380	U	55	380
2,2'-oxybis[1-chloropropane]		380	U	50	380
Acetophenone		380	U	57	380
4-Methylphenol		380	U	62	380
N-Nitrosodi-n-propylamine		38	U	5.0	38
Hexachloroethane		38	U	6.4	38
Nitrobenzene		38	U	8.5	38
Isophorone		380	U	44	380
2-Nitrophenol		380	U	63	380
2,4-Dimethylphenol		380	U	61	380
Bis(2-chloroethoxy)methane		380	U	54	380
2,4-Dichlorophenol		380	U	61	380
Naphthalene		380	U	56	380
4-Chloroaniline		380	U	48	380
Hexachlorobutadiene		77	U	15	77
Caprolactam		380	U	52	380
4-Chloro-3-methylphenol		380	U	64	380
2-Methylnaphthalene		380	U	56	380
Hexachlorocyclopentadiene		380	U	110	380
2,4,6-Trichlorophenol		380	U	68	380
2,4,5-Trichlorophenol		380	U	73	380
1,1'-Biphenyl		380	U	63	380
2-Chloronaphthalene		380	U	54	380
2-Nitroaniline		770	U	100	770
Dimethyl phthalate		380	U	52	380
2,6-Dinitrotoluene		77	U	9.7	77
Acenaphthylene		380	U	55	380
3-Nitroaniline		770	U	86	770
Acenaphthene		380	U	54	380
2,4-Dinitrophenol		1200	U	81	1200
4-Nitrophenol		1200	U	98	1200
Dibenzofuran		380	U	57	380
2,4-Dinitrotoluene		77	U	11	77
Diethyl phthalate		380	U	51	380
Fluorene		380	U	65	380
4-Chlorophenyl phenyl ether		380	U	66	380
4-Nitroaniline		770	U	79	770
4,6-Dinitro-2-methylphenol		1200	U	180	1200
N-Nitrosodiphenylamine		380	U	62	380
4-Bromophenyl phenyl ether		380	U	68	380
Hexachlorobenzene		38	U	5.3	38
Atrazine		380	U	71	380

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-87782	Instrument ID:	BNAMS11
Prep Method:	3541	Prep Batch:	460-87412	Lab File ID:	z10320.d
Dilution:	1.0			Initial Weight/Volume:	15.02 g
Analysis Date:	09/28/2011 1813			Final Weight/Volume:	1 mL
Prep Date:	09/27/2011 1200			Injection Volume:	

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
Pentachlorophenol		1200	U	190	1200
Phenanthrene		380	U	66	380
Anthracene		380	U	67	380
Carbazole		380	U	61	380
Di-n-butyl phthalate		380	U	58	380
Fluoranthene		380	U	63	380
Pyrene		380	U	66	380
Butyl benzyl phthalate		380	U	44	380
3,3'-Dichlorobenzidine		770	U	84	770
Benzo[a]anthracene		38	U	7.1	38
Chrysene		380	U	55	380
Bis(2-ethylhexyl) phthalate		380	U	51	380
Di-n-octyl phthalate		380	U	45	380
Benzo[b]fluoranthene		38	U	5.7	38
Benzo[k]fluoranthene		38	U	5.3	38
Benzo[a]pyrene		38	U	4.7	38
Indeno[1,2,3-cd]pyrene		38	U	6.1	38
Dibenz(a,h)anthracene		38	U	4.6	38
Benzo[g,h,i]perylene		380	U	40	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	79		10 - 120
2-Fluorobiphenyl	74		40 - 109
2-Fluorophenol (Surr)	77		37 - 125
Nitrobenzene-d5 (Surr)	74		38 - 105
Phenol-d5 (Surr)	85		41 - 118
Terphenyl-d14 (Surr)	100		16 - 151

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-87782

Instrument ID: BNAMS11

Prep Method: 3541

Prep Batch: 460-87412

Lab File ID: z10320.d

Dilution: 1.0

Initial Weight/Volume: 15.02 g

Analysis Date: 09/28/2011 1813

Final Weight/Volume: 1 mL

Prep Date: 09/27/2011 1200

Injection Volume:

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Prep Method:	3541	Prep Batch:	460-88124	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/06/2011 1509			Injection Volume:	1 uL
Prep Date:	10/04/2011 1031			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		7.7	U	1.4	7.7
beta-BHC		7.7	U	1.0	7.7
delta-BHC		7.7	U	1.2	7.7
gamma-BHC (Lindane)		7.7	U	0.89	7.7
Heptachlor		7.7	U	1.1	7.7
Aldrin		7.7	U	1.7	7.7
Heptachlor epoxide		7.7	U	1.5	7.7
Endosulfan I		7.7	U	1.6	7.7
Dieldrin		7.7	U	1.5	7.7
4,4'-DDE		7.7	U	1.5	7.7
Endrin		7.7	U	1.1	7.7
Endosulfan II		7.7	U	1.2	7.7
4,4'-DDD		7.7	U	0.91	7.7
Endosulfan sulfate		7.7	U	0.98	7.7
4,4'-DDT		7.7	U	0.96	7.7
Methoxychlor		7.7	U	0.86	7.7
Endrin ketone		7.7	U	1.1	7.7
Endrin aldehyde		7.7	U	1.9	7.7
alpha-Chlordane		7.7	U	1.6	7.7
gamma-Chlordane		7.7	U	1.6	7.7
Toxaphene		77	U	16	77
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		92		53 - 150	
Tetrachloro-m-xylene		78		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-88872

Instrument ID: PESTGC1

Prep Method: 3541

Prep Batch: 460-88124

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/06/2011 1509

Injection Volume: 1 uL

Prep Date: 10/04/2011 1031

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	82		53 - 150
Tetrachloro-m-xylene	69		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-87399	Instrument ID:	PESTGC4
Prep Method:	3541	Prep Batch:	460-87369	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/27/2011 0913			Injection Volume:	1 uL
Prep Date:	09/27/2011 0525			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
alpha-BHC		7.7	U	1.4	7.7
beta-BHC		7.7	U	1.1	7.7
delta-BHC		7.7	U	1.2	7.7
gamma-BHC (Lindane)		7.7	U	0.90	7.7
Heptachlor		7.7	U	1.1	7.7
Aldrin		7.7	U	1.7	7.7
Heptachlor epoxide		7.7	U	1.6	7.7
Endosulfan I		7.7	U	1.6	7.7
Dieldrin		7.7	U	1.5	7.7
4,4'-DDE		7.7	U	1.5	7.7
Endrin		7.7	U	1.1	7.7
Endosulfan II		7.7	U	1.2	7.7
4,4'-DDD		7.7	U	0.92	7.7
Endosulfan sulfate		7.7	U	0.99	7.7
4,4'-DDT		7.7	U	0.97	7.7
Methoxychlor		7.7	U	0.87	7.7
Endrin ketone		7.7	U	1.1	7.7
Endrin aldehyde		7.7	U	1.9	7.7
alpha-Chlordane		7.7	U	1.6	7.7
gamma-Chlordane		7.7	U	1.6	7.7
Toxaphene		77	U	16	77
Surrogate		%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl		103		53 - 150	
Tetrachloro-m-xylene		106		40 - 150	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-87399

Instrument ID: PESTGC4

Prep Method: 3541

Prep Batch: 460-87369

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 09/27/2011 0913

Injection Volume: 1 uL

Prep Date: 09/27/2011 0525

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	103		53 - 150
Tetrachloro-m-xylene	105		40 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-88374	Instrument ID:	PESTGC9
Prep Method:	3541	Prep Batch:	460-88122	Initial Weight/Volume:	15.00 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	10/05/2011 0046			Injection Volume:	
Prep Date:	10/04/2011 1057			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		77	U	15	77
PCB-1221		77	U	23	77
PCB-1232		77	U	43	77
PCB-1242		77	U	15	77
PCB-1248		77	U	20	77
PCB-1254		77	U	26	77
PCB-1260		77	U	8.5	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	91		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-88374

Instrument ID: PESTGC9

Prep Method: 3541

Prep Batch: 460-88122

Initial Weight/Volume: 15.00 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 10/05/2011 0046

Injection Volume:

Prep Date: 10/04/2011 1057

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	84		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-87420	Instrument ID:	PESTGC7
Prep Method:	3541	Prep Batch:	460-87367	Initial Weight/Volume:	15.04 g
Dilution:	1.0			Final Weight/Volume:	10 mL
Analysis Date:	09/27/2011 1046			Injection Volume:	
Prep Date:	09/27/2011 0509			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	MDL	RL
PCB-1016		77	U	15	77
PCB-1221		77	U	23	77
PCB-1232		77	U	44	77
PCB-1242		77	U	15	77
PCB-1248		77	U	20	77
PCB-1254		77	U	26	77
PCB-1260		77	U	8.6	77

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	102		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method: 8082

Analysis Batch: 460-87420

Instrument ID: PESTGC7

Prep Method: 3541

Prep Batch: 460-87367

Initial Weight/Volume: 15.04 g

Dilution: 1.0

Final Weight/Volume: 10 mL

Analysis Date: 09/27/2011 1046

Injection Volume:

Prep Date: 09/27/2011 0509

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	104		30 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

% Moisture: 12.5

Date Received: 09/23/2011 1830

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-87983	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-87829	Lab File ID:	09302011A.asc
Dilution:	4.0			Initial Weight/Volume:	1.03 g
Analysis Date:	09/30/2011 1944			Final Weight/Volume:	50 mL
Prep Date:	09/30/2011 0707				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		12300		16.3	44.4
Antimony		2.2	U	0.98	2.2
Arsenic		2.6		0.77	1.1
Barium		63.6		1.3	44.4
Beryllium		0.39	J	0.20	0.44
Cadmium		1.1	U	0.17	1.1
Calcium		810	J	29.2	1110
Chromium		12.6		1.3	2.2
Cobalt		3.6	J	1.4	11.1
Copper		4.6	J	0.91	5.5
Iron		11800		11.8	33.3
Lead		19.2		0.55	1.1
Magnesium		588	J	11.7	1110
Manganese		74.0		1.3	3.3
Nickel		6.8	J	0.59	8.9
Potassium		304	J	50.1	1110
Selenium		2.2	U	1.0	2.2
Silver		2.2	U	0.17	2.2
Sodium		109	J	68.1	1110
Thallium		2.2	U	1.1	2.2
Vanadium		17.4		0.58	11.1
Zinc		27.8		1.1	6.7

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-87497	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-87472	Lab File ID:	092711.PRN
Dilution:	1.0			Initial Weight/Volume:	0.66 g
Analysis Date:	09/27/2011 2146			Final Weight/Volume:	100 mL
Prep Date:	09/27/2011 1750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.057		0.023	0.034

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

% Moisture: 13.3

Date Received: 09/23/2011 1830

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-87983	Instrument ID:	ICP4
Prep Method:	3050B	Prep Batch:	460-87829	Lab File ID:	09302011A.asc
Dilution:	4.0			Initial Weight/Volume:	1.08 g
Analysis Date:	09/30/2011 1948			Final Weight/Volume:	50 mL
Prep Date:	09/30/2011 0707				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Aluminum		5120		15.7	42.7
Antimony		2.1	U	0.94	2.1
Arsenic		1.1	U	0.74	1.1
Barium		23.4	J	1.3	42.7
Beryllium		0.24	J	0.19	0.43
Cadmium		1.1	U	0.17	1.1
Calcium		1200		28.1	1070
Chromium		8.5		1.3	2.1
Cobalt		1.3	J	1.3	10.7
Copper		3.3	J	0.87	5.3
Iron		2180		11.3	32.1
Lead		4.2		0.53	1.1
Magnesium		406	J	11.3	1070
Manganese		20.0		1.2	3.2
Nickel		3.4	J	0.57	8.5
Potassium		247	J	48.2	1070
Selenium		2.1	U	1.0	2.1
Silver		2.1	U	0.16	2.1
Sodium		104	J	65.6	1070
Thallium		2.1	U	1.0	2.1
Vanadium		12.4		0.56	10.7
Zinc		7.5		1.0	6.4

7471A Mercury (CVAA)

Analysis Method:	7471A	Analysis Batch:	460-87497	Instrument ID:	LEEMAN5
Prep Method:	7471A	Prep Batch:	460-87472	Lab File ID:	092711.PRN
Dilution:	1.0			Initial Weight/Volume:	0.62 g
Analysis Date:	09/27/2011 2149			Final Weight/Volume:	100 mL
Prep Date:	09/27/2011 1750				

Analyte	DryWt Corrected: Y	Result (mg/Kg)	Qualifier	MDL	RL
Mercury		0.037	U	0.025	0.037

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-039

Lab Sample ID: 460-31552-1

Date Sampled: 09/21/2011 0950

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N
Percent Solids	93.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-040

Lab Sample ID: 460-31552-2

Date Sampled: 09/21/2011 1015

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	7.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N
Percent Solids	92.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-041

Lab Sample ID: 460-31552-3

Date Sampled: 09/21/2011 1020

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N
Percent Solids	80.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Date Sampled: 09/21/2011 1105

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	12.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N
Percent Solids	87.5		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Date Sampled: 09/21/2011 1120

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	13.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N
Percent Solids	86.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-044

Lab Sample ID: 460-31552-6

Date Sampled: 09/21/2011 1240

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N
Percent Solids	82.0		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-045

Lab Sample ID: 460-31552-7

Date Sampled: 09/21/2011 1255

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	10.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N
Percent Solids	89.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-046

Lab Sample ID: 460-31552-8

Date Sampled: 09/21/2011 1320

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	18.3		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N
Percent Solids	81.7		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-047

Lab Sample ID: 460-31552-9

Date Sampled: 09/21/2011 1330

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	14.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N
Percent Solids	85.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-048

Lab Sample ID: 460-31552-10

Date Sampled: 09/21/2011 1415

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	8.9		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N
Percent Solids	91.1		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-049

Lab Sample ID: 460-31552-11

Date Sampled: 09/21/2011 1430

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	9.2		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N
Percent Solids	90.8		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429		Analysis Date: 09/27/2011 1329				DryWt Corrected: N

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

General Chemistry**Client Sample ID:** SO-17338-092111-MM-050

Lab Sample ID: 460-31552-12

Date Sampled: 09/21/2011 1440

Client Matrix: Solid

Date Received: 09/23/2011 1830

Analyte	Result	Qual	Units	RL	RL	Dil	Method
Percent Moisture	19.4		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N
Percent Solids	80.6		%	1.0	1.0	1.0	Moisture
	Analysis Batch: 460-87429	Analysis Date: 09/27/2011 1329					DryWt Corrected: N

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-31552-4	SO-17338-092111-M M-042	98	99	99
460-31552-5	SO-17338-092111-M M-043	107	103	112
MB 460-87487/4		102	104	105
MB 460-88346/4		90	96	100
LCS 460-87487/3		103	100	100
LCS 460-88346/3		98	99	97
460-31552-4 MS	SO-17338-092111-M M-042 MS	94	92	97
460-31552-5 MS	SO-17338-092111-M M-043 MS	106	104	101
460-31552-4 MSD	SO-17338-092111-M M-042 MSD	103	104	98
460-31552-5 MSD	SO-17338-092111-M M-043 MSD	111	109	113

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = 4-Bromofluorobenzene	50-124

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Surrogate Recovery Report**8270C Semivolatile Organics (GC/MS)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-31552-4	SO-17338-092111-M M-042	63	65	76	84	52	91
460-31552-5	SO-17338-092111-M M-043	77	85	74	74	79	100
MB 460-87412/1-A		79	84	80	78	53	89
MB 460-88256/1-A		82	83	83	84	47	102
LCS 460-87412/2-A		78	84	80	79	87	88
LCS 460-88256/2-A		74	72	82	84	86	83
460-31553-D-4-D MS		72	82	76	85	84	99
460-31736-C-18-K MS		68	66	78	84	75	77
460-31553-D-4-E MSD		69	78	74	80	75	95
460-31736-C-18-L MSD		67	66	80	82	78	75

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Surrogate Recovery Report**8081A Organochlorine Pesticides (GC)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-31552-4	SO-17338-092111-M M-042	78	69	92	82
460-31552-5	SO-17338-092111-M M-043	106	105	103	103
MB 460-87369/1-A		116	116	126	123
MB 460-88124/1-A		89	83	85	87
LCS 460-87369/2-A		115	111	115	113
LCS 460-88124/2-A		101	94	108	115
460-31552-5 MS	SO-17338-092111-M M-043 MS	106	108	123	119
460-31736-C-18-D MS		85	77	95	122
460-31552-5 MSD	SO-17338-092111-M M-043 MSD	98	99	112	106
460-31736-C-18-E MSD		80	71	91	110

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-150
DCB = DCB Decachlorobiphenyl	53-150

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Surrogate Recovery Report**8082 Polychlorinated Biphenyls (PCBs) (GC)****Client Matrix: Solid**

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-31552-4	SO-17338-092111-M M-042	84	91
460-31552-5	SO-17338-092111-M M-043	102	104
MB 460-87367/1-A		117	120
MB 460-88122/1-A		114	112
LCS 460-87367/2-A		133	132
LCS 460-88122/2-A		113	111
460-31552-5 MS	SO-17338-092111-M M-043 MS	83	81
460-31736-C-18-A MS		124	120
460-31552-5 MSD	SO-17338-092111-M M-043 MSD	80	77
460-31736-C-18-B MSD		121	115

Surrogate

Acceptance Limits

DCB = DCB Decachlorobiphenyl

30-150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87336

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-31552-4
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/05/2011 1106
Prep Date: 09/26/2011 1716
Leach Date: N/A

Analysis Batch: 460-88346
Prep Batch: 460-87336
Leach Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j04294.d
Initial Weight/Volume: 14.12 g
Final Weight/Volume: 5 mL

MSD Lab Sample ID: 460-31552-4
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/05/2011 1036
Prep Date: 09/26/2011 1716
Leach Date: N/A

Analysis Batch: 460-88346
Prep Batch: 460-87336
Leach Batch: N/A

Instrument ID: VOAMS8
Lab File ID: j04293.d
Initial Weight/Volume: 14.12 g
Final Weight/Volume: 5 mL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	86	95	41 - 149	10	30		
Chloromethane	75	88	52 - 144	16	30		
Vinyl chloride	94	104	55 - 154	10	30		
Bromomethane	62	70	58 - 164	11	30		
Chloroethane	51	55	66 - 144	8	30	F	F
Trichlorofluoromethane	71	76	60 - 148	6	30		
1,1-Dichloroethene	91	101	68 - 138	10	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	87	92	50 - 128	6	30		
Acetone	111	115	48 - 177	4	30		
Carbon disulfide	76	83	70 - 120	9	30		
Methyl acetate	103	103	72 - 165	0	30		
Methylene Chloride	86	99	78 - 118	14	30		
trans-1,2-Dichloroethene	95	104	73 - 119	9	30		
Methyl tert-butyl ether	86	92	65 - 143	7	30		
1,1-Dichloroethane	92	104	79 - 119	12	30		
cis-1,2-Dichloroethene	99	110	78 - 118	10	30		
2-Butanone (MEK)	91	100	70 - 139	9	30		
Chloroform	101	113	81 - 122	11	30		
1,1,1-Trichloroethane	103	114	78 - 118	10	30		
Cyclohexane	102	104	69 - 128	2	30		
Carbon tetrachloride	111	122	64 - 130	10	30		
Benzene	96	106	71 - 118	10	30		
1,2-Dichloroethane	110	118	81 - 121	7	30		
Trichloroethene	133	127	82 - 122	5	30	F	F
Methylcyclohexane	111	114	80 - 134	2	30		
1,2-Dichloropropane	107	118	78 - 118	10	30		
Dichlorobromomethane	108	118	78 - 118	8	30		
cis-1,3-Dichloropropene	101	110	75 - 120	9	30		
4-Methyl-2-pentanone (MIBK)	94	98	69 - 124	4	30		
Toluene	103	114	79 - 136	10	30		
trans-1,3-Dichloropropene	102	111	73 - 118	8	30		
1,1,2-Trichloroethane	98	105	77 - 120	7	30		
Tetrachloroethene	110	126	78 - 136	13	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87336**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID:	460-31552-4	Analysis Batch:	460-88346	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87336	Lab File ID:	j04294.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	14.12 g
Analysis Date:	10/05/2011 1106			Final Weight/Volume:	5 mL
Prep Date:	09/26/2011 1716				
Leach Date:	N/A				

MSD Lab Sample ID:	460-31552-4	Analysis Batch:	460-88346	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87336	Lab File ID:	j04293.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	14.12 g
Analysis Date:	10/05/2011 1036			Final Weight/Volume:	5 mL
Prep Date:	09/26/2011 1716				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2-Hexanone	115	112	62 - 123	3	30		
Chlorodibromomethane	101	113	78 - 118	11	30		
1,2-Dibromoethane	103	110	76 - 120	6	30		
Chlorobenzene	103	117	69 - 124	13	30		
Ethylbenzene	105	118	78 - 124	11	30		
Xylenes, Total	105	120	78 - 126	13	30		
Styrene	104	114	73 - 126	9	30		
Bromoform	102	111	76 - 133	9	30		
Isopropylbenzene	109	118	80 - 143	8	30		
1,1,2,2-Tetrachloroethane	73	90	86 - 145	22	30	F	
1,3-Dichlorobenzene	107	111	83 - 123	4	30		
1,4-Dichlorobenzene	109	113	84 - 124	3	30		
1,2-Dichlorobenzene	102	107	83 - 123	5	30		
1,2-Dibromo-3-Chloropropane	110	106	62 - 127	3	30		
1,2,4-Trichlorobenzene	117	124	62 - 144	6	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	94		103	57 - 135			
4-Bromofluorobenzene	97		98	50 - 124			
Toluene-d8 (Surr)	92		104	46 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87336

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-31552-4 Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/05/2011 1106
Prep Date: 09/26/2011 1716
Leach Date: N/A

MSD Lab Sample ID: 460-31552-4
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/05/2011 1036
Prep Date: 09/26/2011 1716
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Dichlorodifluoromethane	20	U	405	405	349	386
Chloromethane	20	U	405	405	303	357
Vinyl chloride	20	U	405	405	381	422
Bromomethane	20	U	405	405	252	283
Chloroethane	20	U	405	405	205 F	222 F
Trichlorofluoromethane	20	U	405	405	289	306
1,1-Dichloroethene	20	U	405	405	367	408
1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	405	405	354	374
Acetone	200	U	405	405	447	466
Carbon disulfide	20	U	405	405	308	337
Methyl acetate	40	U	405	405	418	419
Methylene Chloride	20	U	405	405	347	400
trans-1,2-Dichloroethene	20	U	405	405	383	419
Methyl tert-butyl ether	20	U	405	405	347	373
1,1-Dichloroethane	9.8	J	405	405	380	430
cis-1,2-Dichloroethene	20	U	405	405	401	445
2-Butanone (MEK)	200	U	405	405	370	403
Chloroform	20	U	405	405	408	457
1,1,1-Trichloroethane	20	U	405	405	416	459
Cyclohexane	20	U	405	405	411	421
Carbon tetrachloride	20	U	405	405	448	496
Benzene	20	U	405	405	390	431
1,2-Dichloroethane	20	U	405	405	444	478
Trichloroethene	20	U	405	405	538 F	514 F
Methylcyclohexane	6.9	J	405	405	457	467
1,2-Dichloropropane	20	U	405	405	431	476
Dichlorobromomethane	20	U	405	405	439	476
cis-1,3-Dichloropropene	20	U	405	405	410	447
4-Methyl-2-pentanone (MIBK)	200	U	405	405	381	397
Toluene	4.6	J	405	405	422	466
trans-1,3-Dichloropropene	20	U	405	405	414	448
1,1,2-Trichloroethane	20	U	405	405	396	426
Tetrachloroethene	20	U	405	405	446	510
2-Hexanone	200	U	405	405	467	452
Chlorodibromomethane	20	U	405	405	411	457
1,2-Dibromoethane	20	U	405	405	418	444
Chlorobenzene	20	U	405	405	417	474
Ethylbenzene	20	U	405	405	424	476
Xylenes, Total	61	U	1210	1210	1280	1460
Styrene	20	U	405	405	423	462
Bromoform	20	U	405	405	413	450
Isopropylbenzene	20	U	405	405	442	479
1,1,2,2-Tetrachloroethane	20	U	405	405	294 F	365

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87336**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-31552-4 Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/05/2011 1106
Prep Date: 09/26/2011 1716
Leach Date: N/A

MSD Lab Sample ID: 460-31552-4
Client Matrix: Solid
Dilution: 50
Analysis Date: 10/05/2011 1036
Prep Date: 09/26/2011 1716
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,3-Dichlorobenzene	20	U	405	405	432	448
1,4-Dichlorobenzene	20	U	405	405	442	458
1,2-Dichlorobenzene	20	U	405	405	411	433
1,2-Dibromo-3-Chloropropane	20	U	405	405	444	430
1,2,4-Trichlorobenzene	20	U	405	405	473	503

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87337

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-31552-5	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87337	Lab File ID:	j04029.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	16.95 g
Analysis Date:	09/28/2011 0240			Final Weight/Volume:	25 mL
Prep Date:	09/26/2011 1729				
Leach Date:	N/A				

MSD Lab Sample ID:	460-31552-5	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87337	Lab File ID:	j04030.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	16.95 g
Analysis Date:	09/28/2011 0304			Final Weight/Volume:	25 mL
Prep Date:	09/26/2011 1729				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dichlorodifluoromethane	84	89	41 - 149	6	30		
Chloromethane	90	91	52 - 144	1	30		
Vinyl chloride	85	91	55 - 154	6	30		
Bromomethane	61	65	58 - 164	5	30		
Chloroethane	47	50	66 - 144	7	30	F	F
Trichlorofluoromethane	76	81	60 - 148	7	30		
1,1-Dichloroethene	76	84	68 - 138	9	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	80	87	50 - 128	8	30		
Acetone	72	83	48 - 177	14	30		
Carbon disulfide	77	86	70 - 120	10	30		
Methyl acetate	87	92	72 - 165	6	30		
Methylene Chloride	84	89	78 - 118	6	30		
trans-1,2-Dichloroethene	84	90	73 - 119	7	30		
Methyl tert-butyl ether	84	91	65 - 143	8	30		
1,1-Dichloroethane	85	91	79 - 119	7	30		
cis-1,2-Dichloroethene	89	96	78 - 118	8	30		
2-Butanone (MEK)	103	114	70 - 139	10	30		
Chloroform	83	89	81 - 122	8	30		
1,1,1-Trichloroethane	84	95	78 - 118	12	30		
Cyclohexane	90	99	69 - 128	9	30		
Carbon tetrachloride	88	98	64 - 130	11	30		
Benzene	85	90	71 - 118	7	30		
1,2-Dichloroethane	89	99	81 - 121	11	30		
Trichloroethene	87	97	82 - 122	10	30		
Methylcyclohexane	94	103	80 - 134	10	30		
1,2-Dichloropropane	88	96	78 - 118	8	30		
Dichlorobromomethane	86	96	78 - 118	11	30		
cis-1,3-Dichloropropene	86	95	75 - 120	10	30		
4-Methyl-2-pentanone (MIBK)	84	91	69 - 124	8	30		
Toluene	84	92	79 - 136	9	30		
trans-1,3-Dichloropropene	88	92	73 - 118	4	30		
1,1,2-Trichloroethane	90	93	77 - 120	3	30		
Tetrachloroethene	89	97	78 - 136	8	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87337

Method: 8260B
Preparation: 5035

MS Lab Sample ID:	460-31552-5	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87337	Lab File ID:	j04029.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	16.95 g
Analysis Date:	09/28/2011 0240			Final Weight/Volume:	25 mL
Prep Date:	09/26/2011 1729				
Leach Date:	N/A				

MSD Lab Sample ID:	460-31552-5	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	460-87337	Lab File ID:	j04030.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	16.95 g
Analysis Date:	09/28/2011 0304			Final Weight/Volume:	25 mL
Prep Date:	09/26/2011 1729				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2-Hexanone	85	88	62 - 123	4	30		
Chlorodibromomethane	89	93	78 - 118	4	30		
1,2-Dibromoethane	87	92	76 - 120	5	30		
Chlorobenzene	87	93	69 - 124	6	30		
Ethylbenzene	89	95	78 - 124	7	30		
Xylenes, Total	90	97	78 - 126	7	30		
Styrene	88	93	73 - 126	5	30		
Bromoform	85	90	76 - 133	6	30		
Isopropylbenzene	95	98	80 - 143	4	30		
1,1,2,2-Tetrachloroethane	79	87	86 - 145	10	30	F	
1,3-Dichlorobenzene	83	95	83 - 123	14	30		
1,4-Dichlorobenzene	90	98	84 - 124	8	30		
1,2-Dichlorobenzene	87	97	83 - 123	11	30		
1,2-Dibromo-3-Chloropropane	89	104	62 - 127	16	30		
1,2,4-Trichlorobenzene	88	114	62 - 144	26	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	106		111	57 - 135			
4-Bromofluorobenzene	101		113	50 - 124			
Toluene-d8 (Surr)	104		109	46 - 130			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87337

Method: 8260B
Preparation: 5035

MS Lab Sample ID: 460-31552-5 Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/28/2011 0240
Prep Date: 09/26/2011 1729
Leach Date: N/A

MSD Lab Sample ID: 460-31552-5
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/28/2011 0304
Prep Date: 09/26/2011 1729
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Dichlorodifluoromethane	85	U	1700	1700	1420		1510	
Chloromethane	85	U	1700	1700	1520		1540	
Vinyl chloride	85	U	1700	1700	1450		1540	
Bromomethane	85	U	1700	1700	1040		1100	
Chloroethane	85	U	1700	1700	798	F	856	F
Trichlorofluoromethane	85	U	1700	1700	1290		1390	
1,1-Dichloroethene	85	U	1700	1700	1300		1430	
1,1,2-Trichloro-1,2,2-trifluoroethane	85	U	1700	1700	1360		1480	
Acetone	850	U	1700	1700	1230		1410	
Carbon disulfide	44	J	1700	1700	1360		1510	
Methyl acetate	170	U	1700	1700	1490		1570	
Methylene Chloride	85	U	1700	1700	1430		1510	
trans-1,2-Dichloroethene	85	U	1700	1700	1430		1540	
Methyl tert-butyl ether	85	U	1700	1700	1430		1540	
1,1-Dichloroethane	85	U	1700	1700	1450		1550	
cis-1,2-Dichloroethene	85	U	1700	1700	1510		1640	
2-Butanone (MEK)	850	U	1700	1700	1750		1940	
Chloroform	85	U	1700	1700	1410		1520	
1,1,1-Trichloroethane	85	U	1700	1700	1430		1610	
Cyclohexane	85	U	1700	1700	1540		1690	
Carbon tetrachloride	85	U	1700	1700	1500		1670	
Benzene	85	U	1700	1700	1440		1540	
1,2-Dichloroethane	85	U	1700	1700	1510		1680	
Trichloroethene	85	U	1700	1700	1480		1650	
Methylcyclohexane	85	U	1700	1700	1590		1760	
1,2-Dichloropropane	85	U	1700	1700	1500		1630	
Dichlorobromomethane	85	U	1700	1700	1460		1630	
cis-1,3-Dichloropropene	85	U	1700	1700	1460		1620	
4-Methyl-2-pentanone (MIBK)	850	U	1700	1700	1440		1550	
Toluene	85	U	1700	1700	1430		1560	
trans-1,3-Dichloropropene	85	U	1700	1700	1490		1560	
1,1,2-Trichloroethane	85	U	1700	1700	1520		1580	
Tetrachloroethene	85	U	1700	1700	1520		1650	
2-Hexanone	850	U	1700	1700	1440		1490	
Chlorodibromomethane	85	U	1700	1700	1510		1580	
1,2-Dibromoethane	85	U	1700	1700	1480		1560	
Chlorobenzene	85	U	1700	1700	1490		1580	
Ethylbenzene	85	U	1700	1700	1520		1620	
Xylenes, Total	260	U	5110	5110	4600		4930	
Styrene	85	U	1700	1700	1510		1590	
Bromoform	85	U	1700	1700	1450		1530	
Isopropylbenzene	85	U	1700	1700	1610		1670	
1,1,2,2-Tetrachloroethane	85	U	1700	1700	1350	F	1480	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87337**

**Method: 8260B
Preparation: 5035**

MS Lab Sample ID: 460-31552-5 Units: ug/Kg
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/28/2011 0240
Prep Date: 09/26/2011 1729
Leach Date: N/A

MSD Lab Sample ID: 460-31552-5
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/28/2011 0304
Prep Date: 09/26/2011 1729
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,3-Dichlorobenzene	85	U	1700	1700	1410	1620
1,4-Dichlorobenzene	85	U	1700	1700	1540	1660
1,2-Dichlorobenzene	85	U	1700	1700	1470	1650
1,2-Dibromo-3-Chloropropane	85	U	1700	1700	1510	1770
1,2,4-Trichlorobenzene	85	U	1700	1700	1500	1940

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87487

Method: 8260B Preparation: N/A

Lab Sample ID: MB 460-87487/4
Client Matrix: Solid
Dilution: 50
Analysis Date: 09/27/2011 2301
Prep Date: N/A
Leach Date: N/A

Analysis Batch: 460-87487
Prep Batch: N/A
Leach Batch: N/A
Units: ug/Kg

Instrument ID: VOAMS8
Lab File ID: j04020.d
Initial Weight/Volume: 2.5 mL
Final Weight/Volume: 5 mL

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	100	U	28	100
Chloromethane	100	U	21	100
Vinyl chloride	100	U	12	100
Bromomethane	100	U	31	100
Chloroethane	100	U	45	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	29	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Methyl acetate	200	U	33	200
Methylene Chloride	100	U	19	100
trans-1,2-Dichloroethene	100	U	14	100
Methyl tert-butyl ether	100	U	19	100
1,1-Dichloroethane	100	U	10	100
cis-1,2-Dichloroethene	100	U	19	100
2-Butanone (MEK)	1000	U	82	1000
Chloroform	100	U	16	100
1,1,1-Trichloroethane	100	U	25	100
Cyclohexane	100	U	12	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
1,2-Dichloroethane	100	U	25	100
Trichloroethene	100	U	18	100
Methylcyclohexane	100	U	8.0	100
1,2-Dichloropropane	100	U	8.7	100
Dichlorobromomethane	100	U	9.0	100
cis-1,3-Dichloropropene	100	U	10	100
4-Methyl-2-pentanone (MIBK)	1000	U	68	1000
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
1,1,2-Trichloroethane	100	U	9.7	100
Tetrachloroethene	100	U	20	100
2-Hexanone	1000	U	55	1000
Chlorodibromomethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Chlorobenzene	100	U	17	100
Ethylbenzene	100	U	25	100
Xylenes, Total	300	U	43	300
Styrene	100	U	14	100
Bromoform	100	U	9.9	100
Isopropylbenzene	100	U	21	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87487

Method: 8260B
Preparation: N/A

Lab Sample ID:	MB 460-87487/4	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04020.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/27/2011 2301	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	100	U	16	100
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	57 - 135
4-Bromofluorobenzene	105	50 - 124
Toluene-d8 (Surr)	104	46 - 130

Method Blank TICs- Batch: 460-87487

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-87487

Method: 8260B

Preparation: N/A

Lab Sample ID:	LCS 460-87487/3	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04018.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/27/2011 2109	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	2000	1820	91	41 - 149	
Chloromethane	2000	1920	96	52 - 144	
Vinyl chloride	2000	1870	93	55 - 154	
Bromomethane	2000	1800	90	58 - 154	
Chloroethane	2000	1720	86	66 - 144	
Trichlorofluoromethane	2000	1790	89	60 - 148	
1,1-Dichloroethene	2000	1680	84	68 - 138	
1,1,2-Trichloro-1,2,2-trifluoroethane	2000	1710	85	50 - 128	
Acetone	2000	1560	78	48 - 177	
Carbon disulfide	2000	1800	90	70 - 120	
Methyl acetate	2000	1940	97	72 - 165	
Methylene Chloride	2000	1800	90	78 - 118	
trans-1,2-Dichloroethene	2000	1800	90	73 - 119	
Methyl tert-butyl ether	2000	1840	92	65 - 143	
1,1-Dichloroethane	2000	1810	90	79 - 119	
cis-1,2-Dichloroethene	2000	1830	92	78 - 118	
2-Butanone (MEK)	2000	2240	112	70 - 139	
Chloroform	2000	1710	86	81 - 122	
1,1,1-Trichloroethane	2000	1740	87	78 - 118	
Cyclohexane	2000	1830	91	69 - 128	
Carbon tetrachloride	2000	1780	89	64 - 130	
Benzene	2000	1760	88	71 - 118	
1,2-Dichloroethane	2000	1850	92	81 - 121	
Trichloroethene	2000	1740	87	82 - 122	
Methylcyclohexane	2000	1810	90	80 - 134	
1,2-Dichloropropane	2000	1790	89	78 - 118	
Dichlorobromomethane	2000	1880	94	78 - 118	
cis-1,3-Dichloropropene	2000	1800	90	75 - 120	
4-Methyl-2-pentanone (MIBK)	2000	1870	93	69 - 124	
Toluene	2000	1730	87	79 - 136	
trans-1,3-Dichloropropene	2000	1830	91	73 - 118	
1,1,2-Trichloroethane	2000	1900	95	77 - 120	
Tetrachloroethene	2000	1720	86	78 - 136	
2-Hexanone	2000	1830	91	62 - 123	
Chlorodibromomethane	2000	1860	93	78 - 118	
1,2-Dibromoethane	2000	1840	92	76 - 120	
Chlorobenzene	2000	1780	89	69 - 124	
Ethylbenzene	2000	1780	89	78 - 124	
Xylenes, Total	6000	5340	89	78 - 126	
Styrene	2000	1780	89	73 - 126	
Bromoform	2000	1790	89	76 - 133	
Isopropylbenzene	2000	1790	90	80 - 143	
1,1,2,2-Tetrachloroethane	2000	1770	89	86 - 145	
1,3-Dichlorobenzene	2000	1870	93	83 - 123	
1,4-Dichlorobenzene	2000	1840	92	84 - 124	
1,2-Dichlorobenzene	2000	1910	96	83 - 123	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-87487

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-87487/3	Analysis Batch:	460-87487	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04018.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	09/27/2011 2109	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	2000	2080	104	62 - 127	
1,2,4-Trichlorobenzene	2000	1990	99	62 - 144	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	103		57 - 135		
4-Bromofluorobenzene	100		50 - 124		
Toluene-d8 (Surr)	100		46 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-88346

Method: 8260B Preparation: N/A

Lab Sample ID:	MB 460-88346/4	Analysis Batch:	460-88346	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04285.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/05/2011 0618	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
Dichlorodifluoromethane	100	U	28	100
Chloromethane	100	U	21	100
Vinyl chloride	100	U	12	100
Bromomethane	100	U	31	100
Chloroethane	100	U	45	100
Trichlorofluoromethane	100	U	16	100
1,1-Dichloroethene	100	U	14	100
1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	29	100
Acetone	1000	U	250	1000
Carbon disulfide	100	U	15	100
Methyl acetate	200	U	33	200
Methylene Chloride	100	U	19	100
trans-1,2-Dichloroethene	100	U	14	100
Methyl tert-butyl ether	100	U	19	100
1,1-Dichloroethane	100	U	10	100
cis-1,2-Dichloroethene	100	U	19	100
2-Butanone (MEK)	1000	U	82	1000
Chloroform	100	U	16	100
1,1,1-Trichloroethane	100	U	25	100
Cyclohexane	100	U	12	100
Carbon tetrachloride	100	U	18	100
Benzene	100	U	12	100
1,2-Dichloroethane	100	U	25	100
Trichloroethene	100	U	18	100
Methylcyclohexane	100	U	8.0	100
1,2-Dichloropropane	100	U	8.7	100
Dichlorobromomethane	100	U	9.0	100
cis-1,3-Dichloropropene	100	U	10	100
4-Methyl-2-pentanone (MIBK)	1000	U	68	1000
Toluene	100	U	9.5	100
trans-1,3-Dichloropropene	100	U	12	100
1,1,2-Trichloroethane	100	U	9.7	100
Tetrachloroethene	100	U	20	100
2-Hexanone	1000	U	55	1000
Chlorodibromomethane	100	U	10	100
1,2-Dibromoethane	100	U	9.1	100
Chlorobenzene	100	U	17	100
Ethylbenzene	100	U	25	100
Xylenes, Total	300	U	43	300
Styrene	100	U	14	100
Bromoform	100	U	9.9	100
Isopropylbenzene	100	U	21	100
1,1,2,2-Tetrachloroethane	100	U	8.6	100
1,3-Dichlorobenzene	100	U	23	100
1,4-Dichlorobenzene	100	U	15	100

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-88346

Method: 8260B Preparation: N/A

Lab Sample ID:	MB 460-88346/4	Analysis Batch:	460-88346	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04285.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/05/2011 0618	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,2-Dichlorobenzene	100	U	16	100
1,2-Dibromo-3-Chloropropane	100	U	15	100
1,2,4-Trichlorobenzene	100	U	44	100

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	90	57 - 135
4-Bromofluorobenzene	100	50 - 124
Toluene-d8 (Surr)	96	46 - 130

Method Blank TICs- Batch: 460-88346

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-88346

Method: 8260B

Preparation: N/A

Lab Sample ID:	LCS 460-88346/3	Analysis Batch:	460-88346	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04281.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/05/2011 0432	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dichlorodifluoromethane	2000	1750	87	41 - 149	
Chloromethane	2000	1810	91	52 - 144	
Vinyl chloride	2000	1950	98	55 - 154	
Bromomethane	2000	2110	105	58 - 154	
Chloroethane	2000	1790	89	66 - 144	
Trichlorofluoromethane	2000	1790	89	60 - 148	
1,1-Dichloroethene	2000	2020	101	68 - 138	
1,1,2-Trichloro-1,2,2-trifluoroethane	2000	1740	87	50 - 128	
Acetone	2000	1750	87	48 - 177	
Carbon disulfide	2000	1780	89	70 - 120	
Methyl acetate	2000	2070	103	72 - 165	
Methylene Chloride	2000	1970	98	78 - 118	
trans-1,2-Dichloroethene	2000	2050	102	73 - 119	
Methyl tert-butyl ether	2000	1830	91	65 - 143	
1,1-Dichloroethane	2000	1920	96	79 - 119	
cis-1,2-Dichloroethene	2000	2050	103	78 - 118	
2-Butanone (MEK)	2000	2000	100	70 - 139	
Chloroform	2000	2120	106	81 - 122	
1,1,1-Trichloroethane	2000	2130	106	78 - 118	
Cyclohexane	2000	1880	94	69 - 128	
Carbon tetrachloride	2000	2150	108	64 - 130	
Benzene	2000	2030	101	71 - 118	
1,2-Dichloroethane	2000	2180	109	81 - 121	
Trichloroethene	2000	2110	106	82 - 122	
Methylcyclohexane	2000	1950	98	80 - 134	
1,2-Dichloropropane	2000	2220	111	78 - 118	
Dichlorobromomethane	2000	2220	111	78 - 118	
cis-1,3-Dichloropropene	2000	2170	108	75 - 120	
4-Methyl-2-pentanone (MIBK)	2000	1850	92	69 - 124	
Toluene	2000	2190	110	79 - 136	
trans-1,3-Dichloropropene	2000	2110	106	73 - 118	
1,1,2-Trichloroethane	2000	2140	107	77 - 120	
Tetrachloroethene	2000	2100	105	78 - 136	
2-Hexanone	2000	1840	92	62 - 123	
Chlorodibromomethane	2000	2170	109	78 - 118	
1,2-Dibromoethane	2000	2120	106	76 - 120	
Chlorobenzene	2000	2120	106	69 - 124	
Ethylbenzene	2000	2090	104	78 - 124	
Xylenes, Total	6000	6430	107	78 - 126	
Styrene	2000	2160	108	73 - 126	
Bromoform	2000	2150	108	76 - 133	
Isopropylbenzene	2000	2130	106	80 - 143	
1,1,2,2-Tetrachloroethane	2000	2070	103	86 - 145	
1,3-Dichlorobenzene	2000	2120	106	83 - 123	
1,4-Dichlorobenzene	2000	2100	105	84 - 124	
1,2-Dichlorobenzene	2000	2160	108	83 - 123	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-88346

Method: 8260B
Preparation: N/A

Lab Sample ID:	LCS 460-88346/3	Analysis Batch:	460-88346	Instrument ID:	VOAMS8
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	j04281.d
Dilution:	50	Leach Batch:	N/A	Initial Weight/Volume:	2.5 mL
Analysis Date:	10/05/2011 0432	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2-Dibromo-3-Chloropropane	2000	1930	97	62 - 127	
1,2,4-Trichlorobenzene	2000	2140	107	62 - 144	
Surrogate	% Rec		Acceptance Limits		
1,2-Dichloroethane-d4 (Surr)	98		57 - 135		
4-Bromofluorobenzene	97		50 - 124		
Toluene-d8 (Surr)	99		46 - 130		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87412

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-87412/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1748
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analysis Batch: 460-87782
Prep Batch: 460-87412
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10319.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzaldehyde	330	U	21	330
Phenol	330	U	41	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
2,2'-oxybis[1-chloropropane]	330	U	43	330
Acetophenone	330	U	49	330
4-Methylphenol	330	U	54	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Hexachloroethane	33	U	5.6	33
Nitrobenzene	33	U	7.4	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
2,4-Dichlorophenol	330	U	53	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
1,1'-Biphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
Dimethyl phthalate	330	U	45	330
2,6-Dinitrotoluene	67	U	8.4	67
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
2,4-Dinitrophenol	1000	U	70	1000
4-Nitrophenol	1000	U	85	1000
Dibenzofuran	330	U	50	330
2,4-Dinitrotoluene	67	U	9.7	67
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000
N-Nitrosodiphenylamine	330	U	54	330
4-Bromophenyl phenyl ether	330	U	59	330
Hexachlorobenzene	33	U	4.6	33

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87412

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-87412/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1748
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analysis Batch: 460-87782
Prep Batch: 460-87412
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS11
Lab File ID: z10319.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Atrazine	330	U	62	330
Pentachlorophenol	1000	U	160	1000
Phenanthrene	330	U	58	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Di-n-butyl phthalate	330	U	51	330
Fluoranthene	330	U	55	330
Pyrene	330	U	57	330
Butyl benzyl phthalate	330	U	39	330
3,3'-Dichlorobenzidine	670	U	73	670
Benzo[a]anthracene	33	U	6.1	33
Chrysene	330	U	48	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[a]pyrene	33	U	4.1	33
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
Benzo[g,h,i]perylene	330	U	35	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	53	10 - 120
2-Fluorobiphenyl	78	40 - 109
2-Fluorophenol (Surr)	79	37 - 125
Nitrobenzene-d5 (Surr)	80	38 - 105
Phenol-d5 (Surr)	84	41 - 118
Terphenyl-d14 (Surr)	89	16 - 151

Method Blank TICs- Batch: 460-87412

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.23	10000	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.37	374	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-87412

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-87412/2-A	Analysis Batch:	460-87782	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-87412	Lab File ID:	z10318.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/28/2011 1624	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/27/2011 1200			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	3330	3740	112	10 - 160	
Phenol	6370	5640	89	54 - 115	
Bis(2-chloroethyl)ether	3330	2790	84	44 - 101	
2-Chlorophenol	6410	5600	87	56 - 110	
2-Methylphenol	6420	5870	91	54 - 117	
2,2'-oxybis[1-chloropropane]	3330	2560	77	45 - 102	
Acetophenone	3340	2850	86	40 - 95	
4-Methylphenol	6420	5170	81	47 - 103	
N-Nitrosodi-n-propylamine	3330	2740	82	42 - 107	
Hexachloroethane	3330	2490	75	45 - 90	
Nitrobenzene	3330	2630	79	42 - 106	
Isophorone	3330	2760	83	48 - 97	
2-Nitrophenol	6440	5480	85	55 - 101	
2,4-Dimethylphenol	6410	5570	87	56 - 112	
Bis(2-chloroethoxy)methane	3330	2770	83	51 - 100	
2,4-Dichlorophenol	6450	5550	86	58 - 115	
Naphthalene	3330	2710	81	53 - 94	
4-Chloroaniline	3330	2000	60	10 - 96	
Hexachlorobutadiene	3330	2580	77	45 - 98	
Caprolactam	3340	3060	92	10 - 127	
4-Chloro-3-methylphenol	6440	5980	93	55 - 117	
2-Methylnaphthalene	3330	2820	85	51 - 98	
Hexachlorocyclopentadiene	3330	2380	71	24 - 98	
2,4,6-Trichlorophenol	6490	5550	85	53 - 118	
2,4,5-Trichlorophenol	6490	5510	85	50 - 115	
1,1'-Biphenyl	3340	2760	83	50 - 105	
2-Chloronaphthalene	3330	2710	81	51 - 102	
2-Nitroaniline	3330	2760	83	51 - 109	
Dimethyl phthalate	3330	2880	86	52 - 112	
2,6-Dinitrotoluene	3330	2930	88	51 - 115	
Acenaphthylene	3330	2660	80	51 - 103	
3-Nitroaniline	3330	2180	65	32 - 104	
Acenaphthene	3330	2820	85	46 - 100	
2,4-Dinitrophenol	6670	1810	27	10 - 129	
4-Nitrophenol	6670	5870	88	45 - 114	
Dibenzofuran	3330	2840	85	52 - 106	
2,4-Dinitrotoluene	3330	3080	92	53 - 110	
Diethyl phthalate	3330	2960	89	52 - 114	
Fluorene	3330	2940	88	51 - 108	
4-Chlorophenyl phenyl ether	3330	2930	88	50 - 106	
4-Nitroaniline	3330	2750	83	45 - 106	
4,6-Dinitro-2-methylphenol	6670	3090	46	10 - 110	
N-Nitrosodiphenylamine	3330	2870	86	49 - 106	
4-Bromophenyl phenyl ether	3330	2790	84	44 - 102	
Hexachlorobenzene	3330	2870	86	43 - 104	
Atrazine	3330	2650	79	30 - 100	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-87412

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-87412/2-A	Analysis Batch:	460-87782	Instrument ID:	BNAMS11
Client Matrix:	Solid	Prep Batch:	460-87412	Lab File ID:	z10318.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/28/2011 1624	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	09/27/2011 1200			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	6670	5650	85	19 - 113	
Phenanthrene	3330	2890	87	48 - 108	
Anthracene	3330	2800	84	50 - 107	
Carbazole	3330	3010	90	49 - 104	
Di-n-butyl phthalate	3330	3010	90	50 - 108	
Fluoranthene	3330	3090	93	49 - 108	
Pyrene	3330	2820	85	49 - 116	
Butyl benzyl phthalate	3330	2880	86	49 - 117	
3,3'-Dichlorobenzidine	3330	2240	67	24 - 105	
Benzo[a]anthracene	3330	2940	88	46 - 112	
Chrysene	3330	2840	85	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2950	88	49 - 119	
Di-n-octyl phthalate	3330	3190	96	40 - 106	
Benzo[b]fluoranthene	3330	3020	90	33 - 96	
Benzo[k]fluoranthene	3330	2950	88	35 - 115	
Benzo[a]pyrene	3330	2770	83	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	2330	70	43 - 109	
Dibenz(a,h)anthracene	3330	2270	68	43 - 107	
Benzo[g,h,i]perylene	3330	2180	65	43 - 106	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	87	10 - 120
2-Fluorobiphenyl	79	40 - 109
2-Fluorophenol (Surr)	78	37 - 125
Nitrobenzene-d5 (Surr)	80	38 - 105
Phenol-d5 (Surr)	84	41 - 118
Terphenyl-d14 (Surr)	88	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87412

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-31553-D-4-D MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1903
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analysis Batch: 460-87782
Prep Batch: 460-87412
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10322.d
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-31553-D-4-E MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1928
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analysis Batch: 460-87782
Prep Batch: 460-87412
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10323.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzaldehyde	107	103	10 - 160	5	30		
Phenol	87	84	54 - 115	4	30		
Bis(2-chloroethyl)ether	77	75	44 - 101	4	30		
2-Chlorophenol	84	79	56 - 110	6	30		
2-Methylphenol	93	88	54 - 117	5	30		
2,2'-oxybis[1-chloropropane]	71	68	45 - 102	4	30		
Acetophenone	85	81	40 - 95	5	30		
4-Methylphenol	83	78	47 - 103	5	30		
N-Nitrosodi-n-propylamine	88	84	42 - 107	4	30		
Hexachloroethane	70	66	45 - 90	4	30		
Nitrobenzene	76	72	42 - 106	5	30		
Isophorone	89	85	48 - 97	4	30		
2-Nitrophenol	85	81	55 - 101	4	30		
2,4-Dimethylphenol	92	88	56 - 112	5	30		
Bis(2-chloroethoxy)methane	85	82	51 - 100	4	30		
2,4-Dichlorophenol	89	85	58 - 115	5	30		
Naphthalene	80	77	53 - 94	4	30		
4-Chloroaniline	63	61	10 - 96	4	30		
Hexachlorobutadiene	77	73	45 - 98	5	30		
Caprolactam	107	99	10 - 127	8	30		
4-Chloro-3-methylphenol	102	97	55 - 117	5	30		
2-Methylnaphthalene	88	84	51 - 98	5	30		
Hexachlorocyclopentadiene	55	52	24 - 98	6	30		
2,4,6-Trichlorophenol	88	82	53 - 118	7	30		
2,4,5-Trichlorophenol	89	83	50 - 115	6	30		
1,1'-Biphenyl	89	84	50 - 105	6	30		
2-Chloronaphthalene	87	82	51 - 102	6	30		
2-Nitroaniline	76	88	51 - 109	15	30		
Dimethyl phthalate	101	96	52 - 112	6	30		
2,6-Dinitrotoluene	102	97	51 - 115	6	30		
Acenaphthylene	86	81	51 - 103	6	30		
3-Nitroaniline	81	78	32 - 104	4	30		
Acenaphthene	93	87	46 - 100	6	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87412

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-31553-D-4-D MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1903
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analysis Batch: 460-87782
Prep Batch: 460-87412
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10322.d
Initial Weight/Volume: 15.01 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-31553-D-4-E MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1928
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analysis Batch: 460-87782
Prep Batch: 460-87412
Leach Batch: N/A

Instrument ID: BNAMS11
Lab File ID: z10323.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,4-Dinitrophenol	30	24	10 - 129	21	30		
4-Nitrophenol	95	87	45 - 114	9	30		
Dibenzofuran	95	89	52 - 106	6	30		
2,4-Dinitrotoluene	108	102	53 - 110	6	30		
Diethyl phthalate	104	99	52 - 114	5	30		
Fluorene	99	94	51 - 108	6	30		
4-Chlorophenyl phenyl ether	99	93	50 - 106	6	30		
4-Nitroaniline	91	80	45 - 106	13	30		
4,6-Dinitro-2-methylphenol	56	48	10 - 110	17	30		
N-Nitrosodiphenylamine	96	94	49 - 106	3	30		
4-Bromophenyl phenyl ether	95	91	44 - 102	4	30		
Hexachlorobenzene	95	91	43 - 104	5	30		
Atrazine	91	88	30 - 100	4	30		
Pentachlorophenol	39	33	19 - 113	17	30		
Phenanthrene	97	91	48 - 108	6	30		
Anthracene	93	88	50 - 107	6	30		
Carbazole	100	94	49 - 104	5	30		
Di-n-butyl phthalate	102	97	50 - 108	4	30		
Fluoranthene	99	93	49 - 108	6	30		
Pyrene	96	92	49 - 116	3	30		
Butyl benzyl phthalate	100	96	49 - 117	5	30		
3,3'-Dichlorobenzidine	79	76	24 - 105	4	30		
Benzo[a]anthracene	97	92	46 - 112	5	30		
Chrysene	93	88	45 - 114	6	30		
Bis(2-ethylhexyl) phthalate	97	94	49 - 119	3	30		
Di-n-octyl phthalate	106	94	40 - 106	12	30		
Benzo[b]fluoranthene	99	92	33 - 96	7	30	F	
Benzo[k]fluoranthene	95	89	35 - 115	7	30		
Benzo[a]pyrene	91	87	36 - 89	4	30	F	
Indeno[1,2,3-cd]pyrene	83	82	43 - 109	2	30		
Dibenz(a,h)anthracene	84	83	43 - 107	1	30		
Benzo[g,h,i]perylene	81	81	43 - 106	1	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	84	75	10 - 120
2-Fluorobiphenyl	85	80	40 - 109
2-Fluorophenol (Surr)	72	69	37 - 125
Nitrobenzene-d5 (Surr)	76	74	38 - 105
Phenol-d5 (Surr)	82	78	41 - 118
Terphenyl-d14 (Surr)	99	95	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87412

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-31553-D-4-D MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1903
Prep Date: 09/27/2011 1200
Leach Date: N/A

MSD Lab Sample ID: 460-31553-D-4-E MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1928
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analyte	Sample Result/Qual	MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzaldehyde	390 U	3980	3980	4270	4080
Phenol	390 U	7610	7610	6650	6360
Bis(2-chloroethyl)ether	39 U	3980	3980	3080	2970
2-Chlorophenol	390 U	7650	7650	6390	6040
2-Methylphenol	390 U	7670	7670	7130	6750
2,2'-oxybis[1-chloropropane]	390 U	3980	3980	2830	2700
Acetophenone	390 U	3980	3980	3380	3220
4-Methylphenol	390 U	7670	7670	6350	6020
N-Nitrosodi-n-propylamine	39 U	3980	3980	3490	3340
Hexachloroethane	39 U	3980	3980	2770	2640
Nitrobenzene	39 U	3980	3980	3020	2880
Isophorone	390 U	3980	3980	3530	3380
2-Nitrophenol	390 U	7690	7690	6510	6240
2,4-Dimethylphenol	390 U	7650	7660	7060	6720
Bis(2-chloroethoxy)methane	390 U	3980	3980	3370	3250
2,4-Dichlorophenol	390 U	7700	7710	6880	6550
Naphthalene	390 U	3980	3980	3190	3060
4-Chloroaniline	390 U	3980	3980	2520	2420
Hexachlorobutadiene	80 U	3980	3980	3050	2910
Caprolactam	390 U	3980	3980	4270	3960
4-Chloro-3-methylphenol	390 U	7690	7700	7830	7470
2-Methylnaphthalene	390 U	3980	3980	3500	3330
Hexachlorocyclopentadiene	390 U	3980	3980	2190	2050
2,4,6-Trichlorophenol	390 U	7750	7750	6820	6380
2,4,5-Trichlorophenol	390 U	7750	7750	6870	6440
1,1'-Biphenyl	390 U	3980	3980	3550	3360
2-Chloronaphthalene	390 U	3980	3980	3480	3280
2-Nitroaniline	800 U	3980	3980	3020	3510
Dimethyl phthalate	390 U	3980	3980	4030	3810
2,6-Dinitrotoluene	80 U	3980	3980	4080	3860
Acenaphthylene	390 U	3980	3980	3430	3240
3-Nitroaniline	800 U	3980	3980	3240	3100
Acenaphthene	390 U	3980	3980	3680	3480
2,4-Dinitrophenol	1200 U	7960	7960	2380	1920
4-Nitrophenol	1200 U	7960	7960	7580	6920
Dibenzofuran	390 U	3980	3980	3760	3560
2,4-Dinitrotoluene	80 U	3980	3980	4320	4070
Diethyl phthalate	390 U	3980	3980	4150	3940
Fluorene	390 U	3980	3980	3950	3730
4-Chlorophenyl phenyl ether	390 U	3980	3980	3930	3710
4-Nitroaniline	800 U	3980	3980	3620	3180
4,6-Dinitro-2-methylphenol	1200 U	7960	7970	4480	3790
N-Nitrosodiphenylamine	390 U	3980	3980	3820	3720

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87412**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-31553-D-4-D MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1903
Prep Date: 09/27/2011 1200
Leach Date: N/A

MSD Lab Sample ID: 460-31553-D-4-E MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/28/2011 1928
Prep Date: 09/27/2011 1200
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Bromophenyl phenyl ether	390	U	3980	3980	3760	3630
Hexachlorobenzene	39	U	3980	3980	3780	3610
Atrazine	390	U	3980	3980	3630	3500
Pentachlorophenol	1200	U	7960	7970	3120	2630
Phenanthrene	390	U	3980	3980	3870	3640
Anthracene	390	U	3980	3980	3710	3510
Carbazole	390	U	3980	3980	3960	3760
Di-n-butyl phthalate	390	U	3980	3980	4050	3880
Fluoranthene	390	U	3980	3980	3950	3720
Pyrene	390	U	3980	3980	3810	3680
Butyl benzyl phthalate	390	U	3980	3980	3990	3810
3,3'-Dichlorobenzidine	800	U	3980	3980	3140	3030
Benzo[a]anthracene	39	U	3980	3980	3850	3660
Chrysene	390	U	3980	3980	3720	3490
Bis(2-ethylhexyl) phthalate	390	U	3980	3980	3870	3740
Di-n-octyl phthalate	390	U	3980	3980	4200	3720
Benzo[b]fluoranthene	39	U	3980	3980	3930	F 3660
Benzo[k]fluoranthene	39	U	3980	3980	3800	3540
Benzo[a]pyrene	39	U	3980	3980	3600	F 3450
Indeno[1,2,3-cd]pyrene	39	U	3980	3980	3320	3250
Dibenz(a,h)anthracene	39	U	3980	3980	3330	3290
Benzo[g,h,i]perylene	390	U	3980	3980	3230	3210

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-88256

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-88256/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0437
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analysis Batch: 460-88920
Prep Batch: 460-88256
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS10
Lab File ID: p20037.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Benzaldehyde	330	U	21	330
Phenol	330	U	41	330
Bis(2-chloroethyl)ether	33	U	6.9	33
2-Chlorophenol	330	U	44	330
2-Methylphenol	330	U	48	330
2,2'-oxybis[1-chloropropane]	330	U	43	330
Acetophenone	330	U	49	330
4-Methylphenol	330	U	54	330
N-Nitrosodi-n-propylamine	33	U	4.4	33
Hexachloroethane	33	U	5.6	33
Nitrobenzene	33	U	7.4	33
Isophorone	330	U	38	330
2-Nitrophenol	330	U	54	330
2,4-Dimethylphenol	330	U	53	330
Bis(2-chloroethoxy)methane	330	U	47	330
2,4-Dichlorophenol	330	U	53	330
Naphthalene	330	U	48	330
4-Chloroaniline	330	U	42	330
Hexachlorobutadiene	67	U	13	67
Caprolactam	330	U	45	330
4-Chloro-3-methylphenol	330	U	56	330
2-Methylnaphthalene	330	U	48	330
Hexachlorocyclopentadiene	330	U	97	330
2,4,6-Trichlorophenol	330	U	59	330
2,4,5-Trichlorophenol	330	U	64	330
1,1'-Biphenyl	330	U	55	330
2-Chloronaphthalene	330	U	47	330
2-Nitroaniline	670	U	91	670
Dimethyl phthalate	330	U	45	330
2,6-Dinitrotoluene	67	U	8.4	67
Acenaphthylene	330	U	47	330
3-Nitroaniline	670	U	75	670
Acenaphthene	330	U	47	330
2,4-Dinitrophenol	1000	U	70	1000
4-Nitrophenol	1000	U	85	1000
Dibenzofuran	330	U	50	330
2,4-Dinitrotoluene	67	U	9.7	67
Diethyl phthalate	330	U	44	330
Fluorene	330	U	56	330
4-Chlorophenyl phenyl ether	330	U	57	330
4-Nitroaniline	670	U	68	670
4,6-Dinitro-2-methylphenol	1000	U	160	1000
N-Nitrosodiphenylamine	330	U	54	330
4-Bromophenyl phenyl ether	330	U	59	330
Hexachlorobenzene	33	U	4.6	33

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-88256

Method: 8270C Preparation: 3541

Lab Sample ID: MB 460-88256/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0437
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analysis Batch: 460-88920
Prep Batch: 460-88256
Leach Batch: N/A
Units: ug/Kg

Instrument ID: BNAMS10
Lab File ID: p20037.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	Result	Qual	MDL	RL
Atrazine	330	U	62	330
Pentachlorophenol	1000	U	160	1000
Phenanthrene	330	U	58	330
Anthracene	330	U	58	330
Carbazole	330	U	53	330
Di-n-butyl phthalate	330	U	51	330
Fluoranthene	330	U	55	330
Pyrene	330	U	57	330
Butyl benzyl phthalate	330	U	39	330
3,3'-Dichlorobenzidine	670	U	73	670
Benzo[a]anthracene	33	U	6.1	33
Chrysene	330	U	48	330
Bis(2-ethylhexyl) phthalate	330	U	44	330
Di-n-octyl phthalate	330	U	39	330
Benzo[b]fluoranthene	33	U	4.9	33
Benzo[k]fluoranthene	33	U	4.6	33
Benzo[a]pyrene	33	U	4.1	33
Indeno[1,2,3-cd]pyrene	33	U	5.3	33
Dibenz(a,h)anthracene	33	U	4.0	33
Benzo[g,h,i]perylene	330	U	35	330

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	47	10 - 120
2-Fluorobiphenyl	84	40 - 109
2-Fluorophenol (Surr)	82	37 - 125
Nitrobenzene-d5 (Surr)	83	38 - 105
Phenol-d5 (Surr)	83	41 - 118
Terphenyl-d14 (Surr)	102	16 - 151

Method Blank TICs- Batch: 460-88256

Cas Number	Analyte	RT	Est. Result	Qual
	Unknown Aldol Condensate	2.14	8380	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.61	302	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-88256

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-88256/2-A	Analysis Batch:	460-88920	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-88256	Lab File ID:	p20036.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/08/2011 0412	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/04/2011 2150			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzaldehyde	3330	1520	46	10 - 160	
Phenol	6370	5060	79	54 - 115	
Bis(2-chloroethyl)ether	3330	2700	81	44 - 101	
2-Chlorophenol	6410	5160	80	56 - 110	
2-Methylphenol	6420	5040	78	54 - 117	
2,2'-oxybis[1-chloropropane]	3330	2860	86	45 - 102	
Acetophenone	3340	2710	81	40 - 95	
4-Methylphenol	6420	4370	68	47 - 103	
N-Nitrosodi-n-propylamine	3330	2990	90	42 - 107	
Hexachloroethane	3330	2670	80	45 - 90	
Nitrobenzene	3330	2740	82	42 - 106	
Isophorone	3330	2770	83	48 - 97	
2-Nitrophenol	6440	5520	86	55 - 101	
2,4-Dimethylphenol	6410	5050	79	56 - 112	
Bis(2-chloroethoxy)methane	3330	2700	81	51 - 100	
2,4-Dichlorophenol	6450	4920	76	58 - 115	
Naphthalene	3330	2810	84	53 - 94	
4-Chloroaniline	3330	1860	56	10 - 96	
Hexachlorobutadiene	3330	2770	83	45 - 98	
Caprolactam	3340	2750	82	10 - 127	
4-Chloro-3-methylphenol	6440	5510	86	55 - 117	
2-Methylnaphthalene	3330	2780	84	51 - 98	
Hexachlorocyclopentadiene	3330	2330	70	24 - 98	
2,4,6-Trichlorophenol	6490	5480	84	53 - 118	
2,4,5-Trichlorophenol	6490	5580	86	50 - 115	
1,1'-Biphenyl	3340	2920	88	50 - 105	
2-Chloronaphthalene	3330	2820	85	51 - 102	
2-Nitroaniline	3330	2930	88	51 - 109	
Dimethyl phthalate	3330	3050	92	52 - 112	
2,6-Dinitrotoluene	3330	2990	90	51 - 115	
Acenaphthylene	3330	2890	87	51 - 103	
3-Nitroaniline	3330	2370	71	32 - 104	
Acenaphthene	3330	2980	89	46 - 100	
2,4-Dinitrophenol	6670	651	10	10 - 129	J
4-Nitrophenol	6670	6450	97	45 - 114	
Dibenzofuran	3330	3030	91	52 - 106	
2,4-Dinitrotoluene	3330	3110	93	53 - 110	
Diethyl phthalate	3330	3060	92	52 - 114	
Fluorene	3330	3090	93	51 - 108	
4-Chlorophenyl phenyl ether	3330	3060	92	50 - 106	
4-Nitroaniline	3330	2990	90	45 - 106	
4,6-Dinitro-2-methylphenol	6670	1590	24	10 - 110	
N-Nitrosodiphenylamine	3330	3130	94	49 - 106	
4-Bromophenyl phenyl ether	3330	2980	89	44 - 102	
Hexachlorobenzene	3330	3100	93	43 - 104	
Atrazine	3330	2660	80	30 - 100	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-88256

Method: 8270C
Preparation: 3541

Lab Sample ID:	LCS 460-88256/2-A	Analysis Batch:	460-88920	Instrument ID:	BNAMS10
Client Matrix:	Solid	Prep Batch:	460-88256	Lab File ID:	p20036.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/08/2011 0412	Units:	ug/Kg	Final Weight/Volume:	1 mL
Prep Date:	10/04/2011 2150			Injection Volume:	
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Pentachlorophenol	6670	4650	70	19 - 113	
Phenanthrene	3330	3180	95	48 - 108	
Anthracene	3330	3080	92	50 - 107	
Carbazole	3330	3060	92	49 - 104	
Di-n-butyl phthalate	3330	3100	93	50 - 108	
Fluoranthene	3330	3100	93	49 - 108	
Pyrene	3330	2860	86	49 - 116	
Butyl benzyl phthalate	3330	2850	85	49 - 117	
3,3'-Dichlorobenzidine	3330	2700	81	24 - 105	
Benzo[a]anthracene	3330	3040	91	46 - 112	
Chrysene	3330	3160	95	45 - 114	
Bis(2-ethylhexyl) phthalate	3330	2980	89	49 - 119	
Di-n-octyl phthalate	3330	2860	86	40 - 106	
Benzo[b]fluoranthene	3330	2840	85	33 - 96	
Benzo[k]fluoranthene	3330	3230	97	35 - 115	
Benzo[a]pyrene	3330	2900	87	36 - 89	
Indeno[1,2,3-cd]pyrene	3330	3130	94	43 - 109	
Dibenz(a,h)anthracene	3330	3130	94	43 - 107	
Benzo[g,h,i]perylene	3330	3180	95	43 - 106	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	86	10 - 120
2-Fluorobiphenyl	84	40 - 109
2-Fluorophenol (Surr)	74	37 - 125
Nitrobenzene-d5 (Surr)	82	38 - 105
Phenol-d5 (Surr)	72	41 - 118
Terphenyl-d14 (Surr)	83	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88256

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-31736-C-18-K MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0531
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analysis Batch: 460-88920
Prep Batch: 460-88256
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20039.d
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-31736-C-18-L MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0556
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analysis Batch: 460-88920
Prep Batch: 460-88256
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20040.d
Initial Weight/Volume: 15.03 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Benzaldehyde	52	54	10 - 160	3	30		
Phenol	75	72	54 - 115	4	30		
Bis(2-chloroethyl)ether	76	74	44 - 101	3	30		
2-Chlorophenol	75	73	56 - 110	3	30		
2-Methylphenol	74	71	54 - 117	4	30		
2,2'-oxybis[1-chloropropane]	80	78	45 - 102	2	30		
Acetophenone	76	76	40 - 95	0	30		
4-Methylphenol	62	61	47 - 103	2	30		
N-Nitrosodi-n-propylamine	84	83	42 - 107	1	30		
Hexachloroethane	77	74	45 - 90	4	30		
Nitrobenzene	80	78	42 - 106	3	30		
Isophorone	80	79	48 - 97	1	30		
2-Nitrophenol	78	77	55 - 101	2	30		
2,4-Dimethylphenol	72	71	56 - 112	1	30		
Bis(2-chloroethoxy)methane	79	76	51 - 100	3	30		
2,4-Dichlorophenol	71	70	58 - 115	1	30		
Naphthalene	83	81	53 - 94	2	30		
4-Chloroaniline	45	45	10 - 96	1	30		
Hexachlorobutadiene	81	79	45 - 98	2	30		
Caprolactam	76	79	10 - 127	4	30		
4-Chloro-3-methylphenol	76	76	55 - 117	0	30		
2-Methylnaphthalene	79	76	51 - 98	3	30		
Hexachlorocyclopentadiene	53	55	24 - 98	5	30		
2,4,6-Trichlorophenol	79	78	53 - 118	2	30		
2,4,5-Trichlorophenol	77	77	50 - 115	0	30		
1,1'-Biphenyl	87	85	50 - 105	3	30		
2-Chloronaphthalene	85	80	51 - 102	6	30		
2-Nitroaniline	83	84	51 - 109	1	30		
Dimethyl phthalate	85	87	52 - 112	2	30		
2,6-Dinitrotoluene	82	86	51 - 115	4	30		
Acenaphthylene	85	81	51 - 103	4	30		
3-Nitroaniline	63	64	32 - 104	1	30		
Acenaphthene	85	84	46 - 100	1	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88256

Method: 8270C
Preparation: 3541

MS Lab Sample ID: 460-31736-C-18-K MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0531
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analysis Batch: 460-88920
Prep Batch: 460-88256
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20039.d
Initial Weight/Volume: 15.04 g
Final Weight/Volume: 1 mL
Injection Volume:

MSD Lab Sample ID: 460-31736-C-18-L MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0556
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analysis Batch: 460-88920
Prep Batch: 460-88256
Leach Batch: N/A

Instrument ID: BNAMS10
Lab File ID: p20040.d
Initial Weight/Volume: 15.03 g
Final Weight/Volume: 1 mL
Injection Volume:

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
2,4-Dinitrophenol	13	13	10 - 129	1	30	J	J
4-Nitrophenol	85	86	45 - 114	1	30		
Dibenzofuran	86	85	52 - 106	1	30		
2,4-Dinitrotoluene	87	90	53 - 110	3	30		
Diethyl phthalate	85	87	52 - 114	3	30		
Fluorene	86	87	51 - 108	1	30		
4-Chlorophenyl phenyl ether	84	84	50 - 106	0	30		
4-Nitroaniline	79	79	45 - 106	0	30		
4,6-Dinitro-2-methylphenol	36	34	10 - 110	7	30		
N-Nitrosodiphenylamine	92	89	49 - 106	3	30		
4-Bromophenyl phenyl ether	85	82	44 - 102	4	30		
Hexachlorobenzene	87	87	43 - 104	0	30		
Atrazine	79	78	30 - 100	1	30		
Pentachlorophenol	66	59	19 - 113	12	30		
Phenanthrene	92	88	48 - 108	4	30		
Anthracene	89	85	50 - 107	4	30		
Carbazole	89	87	49 - 104	3	30		
Di-n-butyl phthalate	90	87	50 - 108	4	30		
Fluoranthene	88	84	49 - 108	5	30		
Pyrene	79	77	49 - 116	3	30		
Butyl benzyl phthalate	84	80	49 - 117	4	30		
3,3'-Dichlorobenzidine	78	74	24 - 105	6	30		
Benzo[a]anthracene	87	85	46 - 112	3	30		
Chrysene	92	88	45 - 114	4	30		
Bis(2-ethylhexyl) phthalate	87	86	49 - 119	1	30		
Di-n-octyl phthalate	79	77	40 - 106	3	30		
Benzo[b]fluoranthene	80	75	33 - 96	6	30		
Benzo[k]fluoranthene	90	83	35 - 115	8	30		
Benzo[a]pyrene	83	77	36 - 89	7	30		
Indeno[1,2,3-cd]pyrene	93	80	43 - 109	15	30		
Dibenz(a,h)anthracene	92	85	43 - 107	8	30		
Benzo[g,h,i]perylene	95	86	43 - 106	9	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	75	78	10 - 120
2-Fluorobiphenyl	84	82	40 - 109
2-Fluorophenol (Surr)	68	67	37 - 125
Nitrobenzene-d5 (Surr)	78	80	38 - 105
Phenol-d5 (Surr)	66	66	41 - 118
Terphenyl-d14 (Surr)	77	75	16 - 151

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88256**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-31736-C-18-K MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0531
Prep Date: 10/04/2011 2150
Leach Date: N/A

MSD Lab Sample ID: 460-31736-C-18-L MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0556
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Benzaldehyde	370	U	3750	3760	1950	2020
Phenol	370	U	7180	7180	5390	5200
Bis(2-chloroethyl)ether	37	U	3750	3760	2860	2780
2-Chlorophenol	370	U	7220	7220	5380	5240
2-Methylphenol	370	U	7230	7240	5340	5130
2,2'-oxybis[1-chloropropane]	370	U	3750	3760	3010	2930
Acetophenone	370	U	3760	3760	2860	2870
4-Methylphenol	370	U	7230	7240	4510	4420
N-Nitrosodi-n-propylamine	37	U	3750	3760	3150	3100
Hexachloroethane	37	U	3750	3760	2900	2780
Nitrobenzene	37	U	3750	3760	3020	2930
Isophorone	370	U	3750	3760	3000	2960
2-Nitrophenol	370	U	7250	7260	5670	5560
2,4-Dimethylphenol	370	U	7220	7220	5210	5150
Bis(2-chloroethoxy)methane	370	U	3750	3760	2950	2870
2,4-Dichlorophenol	370	U	7270	7270	5170	5110
Naphthalene	370	U	3750	3760	3110	3040
4-Chloroaniline	370	U	3750	3760	1700	1680
Hexachlorobutadiene	75	U	3750	3760	3030	2970
Caprolactam	370	U	3760	3760	2850	2960
4-Chloro-3-methylphenol	370	U	7260	7260	5490	5520
2-Methylnaphthalene	370	U	3750	3760	2950	2870
Hexachlorocyclopentadiene	370	U	3750	3760	1980	2080
2,4,6-Trichlorophenol	370	U	7310	7310	5770	5670
2,4,5-Trichlorophenol	370	U	7310	7310	5660	5650
1,1'-Biphenyl	370	U	3760	3760	3280	3190
2-Chloronaphthalene	370	U	3750	3760	3190	3020
2-Nitroaniline	750	U	3750	3760	3110	3150
Dimethyl phthalate	370	U	3750	3760	3210	3270
2,6-Dinitrotoluene	75	U	3750	3760	3090	3230
Acenaphthylene	370	U	3750	3760	3180	3060
3-Nitroaniline	750	U	3750	3760	2370	2400
Acenaphthene	370	U	3750	3760	3190	3150
2,4-Dinitrophenol	1100	U	7510	7510	956	J 950 J
4-Nitrophenol	1100	U	7510	7510	6390	6430
Dibenzofuran	370	U	3750	3760	3250	3200
2,4-Dinitrotoluene	75	U	3750	3760	3280	3370
Diethyl phthalate	370	U	3750	3760	3180	3270
Fluorene	370	U	3750	3760	3210	3250
4-Chlorophenyl phenyl ether	370	U	3750	3760	3150	3160
4-Nitroaniline	750	U	3750	3760	2950	2960
4,6-Dinitro-2-methylphenol	1100	U	7510	7520	2690	2520
N-Nitrosodiphenylamine	370	U	3750	3760	3440	3340

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88256**

**Method: 8270C
Preparation: 3541**

MS Lab Sample ID: 460-31736-C-18-K MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0531
Prep Date: 10/04/2011 2150
Leach Date: N/A

MSD Lab Sample ID: 460-31736-C-18-L MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/08/2011 0556
Prep Date: 10/04/2011 2150
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
4-Bromophenyl phenyl ether	370	U	3750	3760	3180	3070
Hexachlorobenzene	37	U	3750	3760	3260	3260
Atrazine	370	U	3750	3760	2960	2920
Pentachlorophenol	1100	U	7510	7520	4980	4420
Phenanthrene	370	U	3750	3760	3460	3320
Anthracene	370	U	3750	3760	3330	3210
Carbazole	370	U	3750	3760	3350	3260
Di-n-butyl phthalate	370	U	3750	3760	3380	3250
Fluoranthene	370	U	3750	3760	3320	3170
Pyrene	370	U	3750	3760	2980	2880
Butyl benzyl phthalate	370	U	3750	3760	3150	3020
3,3'-Dichlorobenzidine	750	U	3750	3760	2940	2770
Benzo[a]anthracene	37	U	3750	3760	3260	3180
Chrysene	370	U	3750	3760	3460	3320
Bis(2-ethylhexyl) phthalate	370	U	3750	3760	3280	3230
Di-n-octyl phthalate	370	U	3750	3760	2950	2870
Benzo[b]fluoranthene	37	U	3750	3760	3000	2810
Benzo[k]fluoranthene	37	U	3750	3760	3390	3120
Benzo[a]pyrene	37	U	3750	3760	3100	2910
Indeno[1,2,3-cd]pyrene	37	U	3750	3760	3470	2990
Dibenz(a,h)anthracene	37	U	3750	3760	3440	3180
Benzo[g,h,i]perylene	370	U	3750	3760	3560	3250

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87369

Method: 8081A Preparation: 3541

Lab Sample ID: MB 460-87369/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 1011
Prep Date: 09/27/2011 0525
Leach Date: N/A

Analysis Batch: 460-87399
Prep Batch: 460-87369
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC4
Lab File ID: WR693663.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
alpha-BHC	6.7	U	1.2	6.7
beta-BHC	6.7	U	0.91	6.7
delta-BHC	6.7	U	1.0	6.7
gamma-BHC (Lindane)	6.7	U	0.78	6.7
Heptachlor	6.7	U	0.96	6.7
Aldrin	6.7	U	1.5	6.7
Heptachlor epoxide	6.7	U	1.4	6.7
Endosulfan I	6.7	U	1.4	6.7
Dieldrin	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
Endrin	6.7	U	0.94	6.7
Endosulfan II	6.7	U	1.0	6.7
4,4'-DDD	6.7	U	0.80	6.7
Endosulfan sulfate	6.7	U	0.86	6.7
4,4'-DDT	6.7	U	0.84	6.7
Methoxychlor	6.7	U	0.75	6.7
Endrin ketone	6.7	U	0.99	6.7
Endrin aldehyde	6.7	U	1.7	6.7
alpha-Chlordane	6.7	U	1.4	6.7
gamma-Chlordane	6.7	U	1.4	6.7
Toxaphene	67	U	14	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	126	53 - 150
Tetrachloro-m-xylene	116	40 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	123	53 - 150
Tetrachloro-m-xylene	116	40 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-87369

Method: 8081A
Preparation: 3541

Lab Sample ID: LCS 460-87369/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 0958
Prep Date: 09/27/2011 0525
Leach Date: N/A

Analysis Batch: 460-87399
Prep Batch: 460-87369
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC4
Lab File ID: WR693662.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	135	101	58 - 138	
beta-BHC	133	142	107	60 - 139	
delta-BHC	133	141	106	60 - 141	
gamma-BHC (Lindane)	133	136	102	58 - 136	
Heptachlor	133	103	77	58 - 137	
Aldrin	133	135	102	58 - 143	
Heptachlor epoxide	133	132	99	59 - 136	
Endosulfan I	133	132	99	60 - 138	
Dieldrin	133	134	101	55 - 128	
4,4'-DDE	133	135	101	58 - 150	
Endrin	133	132	99	61 - 150	
Endosulfan II	133	131	98	59 - 133	
4,4'-DDD	133	129	97	63 - 150	
Endosulfan sulfate	133	128	96	56 - 133	
4,4'-DDT	133	115	86	57 - 150	
Methoxychlor	133	101	76	42 - 150	
Endrin ketone	133	126	94	62 - 139	
Endrin aldehyde	133	110	82	55 - 122	
alpha-Chlordane	133	131	99	49 - 143	
gamma-Chlordane	133	130	98	45 - 147	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	115		53 - 150		
Tetrachloro-m-xylene	115		40 - 150		

Lab Control Sample - Batch: 460-87369

Method: 8081A
Preparation: 3541

Lab Sample ID: LCS 460-87369/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 0958
Prep Date: 09/27/2011 0525
Leach Date: N/A

Analysis Batch: 460-87399
Prep Batch: 460-87369
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC4
Lab File ID: WF693662.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	135	101	58 - 138	
beta-BHC	133	129	96	60 - 139	
delta-BHC	133	141	106	60 - 141	
gamma-BHC (Lindane)	133	135	101	58 - 136	
Heptachlor	133	103	77	58 - 137	
Aldrin	133	132	99	58 - 143	
Heptachlor epoxide	133	129	97	59 - 136	
Endosulfan I	133	129	96	60 - 138	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-87369

Method: 8081A
Preparation: 3541

Lab Sample ID: LCS 460-87369/2-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 0958
Prep Date: 09/27/2011 0525
Leach Date: N/A

Analysis Batch: 460-87399
Prep Batch: 460-87369
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC4
Lab File ID: WF693662.D
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dieldrin	133	132	99	55 - 128	
4,4'-DDE	133	131	99	58 - 150	
Endrin	133	128	96	61 - 150	
Endosulfan II	133	128	96	59 - 133	
4,4'-DDD	133	127	95	63 - 150	
Endosulfan sulfate	133	125	94	56 - 133	
4,4'-DDT	133	114	86	57 - 150	
Methoxychlor	133	90.2	68	42 - 150	
Endrin ketone	133	122	91	62 - 139	
Endrin aldehyde	133	104	78	55 - 122	
alpha-Chlordane	133	130	97	49 - 143	
gamma-Chlordane	133	129	97	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		113		53 - 150	
Tetrachloro-m-xylene		111		40 - 150	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87369

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-31552-5	Analysis Batch:	460-87399	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-87369	Lab File ID:	WF693660.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/27/2011 0927			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-31552-5	Analysis Batch:	460-87399	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-87369	Lab File ID:	WF693661.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/27/2011 0944			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	106	96	58 - 138	10	30		
beta-BHC	64	67	60 - 139	4	30		
delta-BHC	76	74	60 - 141	2	30		
gamma-BHC (Lindane)	105	95	58 - 136	9	30		
Heptachlor	68	70	58 - 137	3	30		
Aldrin	107	96	58 - 143	11	30		
Heptachlor epoxide	102	93	59 - 136	9	30		
Endosulfan I	102	92	60 - 138	9	30		
Dieldrin	104	94	55 - 128	9	30		
4,4'-DDE	103	94	58 - 150	9	30		
Endrin	100	91	61 - 150	9	30		
Endosulfan II	96	88	59 - 133	9	30		
4,4'-DDD	99	90	63 - 150	9	30		
Endosulfan sulfate	87	80	56 - 133	8	30		
4,4'-DDT	82	78	57 - 150	5	30		
Methoxychlor	65	65	42 - 150	1	30		
Endrin ketone	91	84	62 - 139	8	30		
Endrin aldehyde	31	33	55 - 122	7	30	F	F
alpha-Chlordane	101	92	49 - 143	10	30		
gamma-Chlordane	100	91	45 - 147	9	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	123		112	53 - 150			
Tetrachloro-m-xylene	106		98	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87369

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-31552-5	Analysis Batch:	460-87399	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-87369	Lab File ID:	WR693660.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.04 g
Analysis Date:	09/27/2011 0927			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-31552-5	Analysis Batch:	460-87399	Instrument ID:	PESTGC4
Client Matrix:	Solid	Prep Batch:	460-87369	Lab File ID:	WR693661.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/27/2011 0944			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0525			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	105	95	58 - 138	9	30		
beta-BHC	63	65	60 - 139	3	30		
delta-BHC	74	73	60 - 141	1	30		
gamma-BHC (Lindane)	105	95	58 - 136	10	30		
Heptachlor	61	68	58 - 137	10	30		
Aldrin	101	92	58 - 143	9	30		
Heptachlor epoxide	99	90	59 - 136	9	30		
Endosulfan I	100	90	60 - 138	10	30		
Dieldrin	101	91	55 - 128	10	30		
4,4'-DDE	102	92	58 - 150	10	30		
Endrin	98	88	61 - 150	10	30		
Endosulfan II	94	85	59 - 133	9	30		
4,4'-DDD	96	88	63 - 150	8	30		
Endosulfan sulfate	84	77	56 - 133	8	30		
4,4'-DDT	78	76	57 - 150	2	30		
Methoxychlor	60	60	42 - 150	1	30		
Endrin ketone	87	80	62 - 139	8	30		
Endrin aldehyde	30	32	55 - 122	6	30	F	F
alpha-Chlordane	99	90	49 - 143	9	30		
gamma-Chlordane	99	90	45 - 147	9	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	119		106	53 - 150			
Tetrachloro-m-xylene	108		99	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-87369

Method: 8081A
Preparation: 3541

MS Lab Sample ID: 460-31552-5 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 0927
Prep Date: 09/27/2011 0525
Leach Date: N/A

MSD Lab Sample ID: 460-31552-5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 0944
Prep Date: 09/27/2011 0525
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	7.7	U	153	154	162	147
beta-BHC	7.7	U	153	154	98.8	102
delta-BHC	7.7	U	153	154	117	115
gamma-BHC (Lindane)	7.7	U	153	154	161	147
Heptachlor	7.7	U	153	154	105	108
Aldrin	7.7	U	153	154	164	147
Heptachlor epoxide	7.7	U	153	154	156	142
Endosulfan I	7.7	U	153	154	156	142
Dieldrin	7.7	U	153	154	159	145
4,4'-DDE	7.7	U	153	154	158	145
Endrin	7.7	U	153	154	154	140
Endosulfan II	7.7	U	153	154	148	135
4,4'-DDD	7.7	U	153	154	152	138
Endosulfan sulfate	7.7	U	153	154	134	123
4,4'-DDT	7.7	U	153	154	126	120
Methoxychlor	7.7	U	153	154	100	101
Endrin ketone	7.7	U	153	154	139	129
Endrin aldehyde	7.7	U	153	154	47.7	F 51.2 F
alpha-Chlordane	7.7	U	153	154	156	141
gamma-Chlordane	7.7	U	153	154	153	139

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87369**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-31552-5 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 0927
Prep Date: 09/27/2011 0525
Leach Date: N/A

MSD Lab Sample ID: 460-31552-5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 0944
Prep Date: 09/27/2011 0525
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	7.7	U	153	154	161	147
beta-BHC	7.7	U	153	154	96.9	99.8
delta-BHC	7.7	U	153	154	114	113
gamma-BHC (Lindane)	7.7	U	153	154	160	146
Heptachlor	7.7	U	153	154	94.1	104
Aldrin	7.7	U	153	154	155	141
Heptachlor epoxide	7.7	U	153	154	152	138
Endosulfan I	7.7	U	153	154	153	138
Dieldrin	7.7	U	153	154	155	140
4,4'-DDE	7.7	U	153	154	156	141
Endrin	7.7	U	153	154	151	136
Endosulfan II	7.7	U	153	154	144	131
4,4'-DDD	7.7	U	153	154	147	136
Endosulfan sulfate	7.7	U	153	154	129	119
4,4'-DDT	7.7	U	153	154	120	117
Methoxychlor	7.7	U	153	154	91.6	92.1
Endrin ketone	7.7	U	153	154	134	124
Endrin aldehyde	7.7	U	153	154	46.1	F 49.1 F
alpha-Chlordane	7.7	U	153	154	152	139
gamma-Chlordane	7.7	U	153	154	152	139

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-88124

Method: 8081A Preparation: 3541

Lab Sample ID: MB 460-88124/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/06/2011 1523
Prep Date: 10/04/2011 0438
Leach Date: N/A

Analysis Batch: 460-88872
Prep Batch: 460-88124
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC1
Lab File ID: xr125137.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume: 1 uL
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
alpha-BHC	6.7	U	1.2	6.7
beta-BHC	6.7	U	0.91	6.7
delta-BHC	6.7	U	1.0	6.7
gamma-BHC (Lindane)	6.7	U	0.78	6.7
Heptachlor	6.7	U	0.96	6.7
Aldrin	6.7	U	1.5	6.7
Heptachlor epoxide	6.7	U	1.4	6.7
Endosulfan I	6.7	U	1.4	6.7
Dieldrin	6.7	U	1.3	6.7
4,4'-DDE	6.7	U	1.3	6.7
Endrin	6.7	U	0.94	6.7
Endosulfan II	6.7	U	1.0	6.7
4,4'-DDD	6.7	U	0.80	6.7
Endosulfan sulfate	6.7	U	0.86	6.7
4,4'-DDT	6.7	U	0.84	6.7
Methoxychlor	6.7	U	0.75	6.7
Endrin ketone	6.7	U	0.99	6.7
Endrin aldehyde	6.7	U	1.7	6.7
alpha-Chlordane	6.7	U	1.4	6.7
gamma-Chlordane	6.7	U	1.4	6.7
Toxaphene	67	U	14	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	53 - 150
Tetrachloro-m-xylene	89	40 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	53 - 150
Tetrachloro-m-xylene	83	40 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-88124

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-88124/2-A	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-88124	Lab File ID:	xf125129.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/06/2011 1333	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0438			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	117	88	58 - 138	
beta-BHC	133	119	89	60 - 139	
delta-BHC	133	120	90	60 - 141	
gamma-BHC (Lindane)	133	119	89	58 - 136	
Heptachlor	133	113	85	58 - 137	
Aldrin	133	117	88	58 - 143	
Heptachlor epoxide	133	125	94	59 - 136	
Endosulfan I	133	124	93	60 - 138	
Dieldrin	133	126	95	55 - 128	
4,4'-DDE	133	123	93	58 - 150	
Endrin	133	123	92	61 - 150	
Endosulfan II	133	122	92	59 - 133	
4,4'-DDD	133	129	97	63 - 150	
Endosulfan sulfate	133	104	78	56 - 133	
4,4'-DDT	133	109	82	57 - 150	
Methoxychlor	133	98.8	74	42 - 150	
Endrin ketone	133	112	84	62 - 139	
Endrin aldehyde	133	100	75	55 - 122	
alpha-Chlordane	133	105	79	49 - 143	
gamma-Chlordane	133	115	86	45 - 147	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	115		53 - 150		
Tetrachloro-m-xylene	101		40 - 150		

Lab Control Sample - Batch: 460-88124

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-88124/2-A	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-88124	Lab File ID:	xr125129.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/06/2011 1333	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0438			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
alpha-BHC	133	115	86	58 - 138	
beta-BHC	133	113	84	60 - 139	
delta-BHC	133	117	88	60 - 141	
gamma-BHC (Lindane)	133	115	86	58 - 136	
Heptachlor	133	113	84	58 - 137	
Aldrin	133	115	86	58 - 143	
Heptachlor epoxide	133	111	83	59 - 136	
Endosulfan I	133	110	82	60 - 138	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-88124

Method: 8081A
Preparation: 3541

Lab Sample ID:	LCS 460-88124/2-A	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-88124	Lab File ID:	xf125129.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/06/2011 1333	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0438			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Dieldrin	133	109	82	55 - 128	
4,4'-DDE	133	109	82	58 - 150	
Endrin	133	106	80	61 - 150	
Endosulfan II	133	108	81	59 - 133	
4,4'-DDD	133	109	81	63 - 150	
Endosulfan sulfate	133	102	77	56 - 133	
4,4'-DDT	133	99.8	75	57 - 150	
Methoxychlor	133	98.6	74	42 - 150	
Endrin ketone	133	107	81	62 - 139	
Endrin aldehyde	133	91.8	69	55 - 122	
alpha-Chlordane	133	98.0	73	49 - 143	
gamma-Chlordane	133	108	81	45 - 147	
Surrogate		% Rec		Acceptance Limits	
DCB Decachlorobiphenyl		108		53 - 150	
Tetrachloro-m-xylene		94		40 - 150	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88124

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-31736-C-18-D MS	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-88124	Lab File ID:	xf125130.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	10/06/2011 1346			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0438			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-31736-C-18-E MSD	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-88124	Lab File ID:	xf125131.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	10/06/2011 1400			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0438			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	78	71	58 - 138	9	30		
beta-BHC	77	72	60 - 139	7	30		
delta-BHC	81	74	60 - 141	10	30		
gamma-BHC (Lindane)	80	73	58 - 136	9	30		
Heptachlor	78	72	58 - 137	8	30		
Aldrin	80	74	58 - 143	8	30		
Heptachlor epoxide	85	78	59 - 136	8	30		
Endosulfan I	84	78	60 - 138	8	30		
Dieldrin	88	81	55 - 128	8	30		
4,4'-DDE	86	79	58 - 150	8	30		
Endrin	85	79	61 - 150	7	30		
Endosulfan II	85	78	59 - 133	8	30		
4,4'-DDD	90	83	63 - 150	9	30		
Endosulfan sulfate	71	64	56 - 133	10	30		
4,4'-DDT	76	72	57 - 150	5	30		
Methoxychlor	70	65	42 - 150	8	30		
Endrin ketone	79	70	62 - 139	11	30		
Endrin aldehyde	70	64	55 - 122	9	30		
alpha-Chlordane	74	69	49 - 143	8	30		
gamma-Chlordane	78	72	45 - 147	8	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	122		110	53 - 150			
Tetrachloro-m-xylene	85		80	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88124

Method: 8081A
Preparation: 3541

MS Lab Sample ID:	460-31736-C-18-D MS	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-88124	Lab File ID:	xr125130.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	10/06/2011 1346			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0438			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-31736-C-18-E MSD	Analysis Batch:	460-88872	Instrument ID:	PESTGC1
Client Matrix:	Solid	Prep Batch:	460-88124	Lab File ID:	xr125131.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.05 g
Analysis Date:	10/06/2011 1400			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0438			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	76	71	58 - 138	7	30		
beta-BHC	76	70	60 - 139	8	30		
delta-BHC	77	72	60 - 141	7	30		
gamma-BHC (Lindane)	77	71	58 - 136	8	30		
Heptachlor	75	70	58 - 137	7	30		
Aldrin	80	74	58 - 143	8	30		
Heptachlor epoxide	77	71	59 - 136	9	30		
Endosulfan I	75	71	60 - 138	6	30		
Dieldrin	76	70	55 - 128	8	30		
4,4'-DDE	76	71	58 - 150	7	30		
Endrin	75	70	61 - 150	7	30		
Endosulfan II	73	69	59 - 133	7	30		
4,4'-DDD	77	71	63 - 150	8	30		
Endosulfan sulfate	71	63	56 - 133	12	30		
4,4'-DDT	69	63	57 - 150	8	30		
Methoxychlor	68	65	42 - 150	5	30		
Endrin ketone	78	70	62 - 139	10	30		
Endrin aldehyde	64	58	55 - 122	9	30		
alpha-Chlordane	67	62	49 - 143	8	30		
gamma-Chlordane	76	71	45 - 147	7	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	95		91	53 - 150			
Tetrachloro-m-xylene	77		71	40 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88124**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-31736-C-18-D MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/06/2011 1346
Prep Date: 10/04/2011 0438
Leach Date: N/A

MSD Lab Sample ID: 460-31736-C-18-E MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/06/2011 1400
Prep Date: 10/04/2011 0438
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	7.6	U	150	150	118	107
beta-BHC	7.6	U	150	150	116	108
delta-BHC	7.6	U	150	150	122	111
gamma-BHC (Lindane)	7.6	U	150	150	120	110
Heptachlor	7.6	U	150	150	117	108
Aldrin	7.6	U	150	150	120	111
Heptachlor epoxide	7.6	U	150	150	128	118
Endosulfan I	7.6	U	150	150	127	117
Dieldrin	7.6	U	150	150	133	122
4,4'-DDE	7.6	U	150	150	129	119
Endrin	7.6	U	150	150	128	119
Endosulfan II	7.6	U	150	150	127	118
4,4'-DDD	7.6	U	150	150	135	124
Endosulfan sulfate	7.6	U	150	150	106	96.5
4,4'-DDT	7.6	U	150	150	114	109
Methoxychlor	7.6	U	150	150	106	97.7
Endrin ketone	7.6	U	150	150	118	106
Endrin aldehyde	7.6	U	150	150	105	96.0
alpha-Chlordane	7.6	U	150	150	111	103
gamma-Chlordane	7.6	U	150	150	117	108

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88124**

**Method: 8081A
Preparation: 3541**

MS Lab Sample ID: 460-31736-C-18-D MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/06/2011 1346
Prep Date: 10/04/2011 0438
Leach Date: N/A

MSD Lab Sample ID: 460-31736-C-18-E MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/06/2011 1400
Prep Date: 10/04/2011 0438
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	7.6	U	150	150	114	106
beta-BHC	7.6	U	150	150	114	105
delta-BHC	7.6	U	150	150	116	108
gamma-BHC (Lindane)	7.6	U	150	150	116	107
Heptachlor	7.6	U	150	150	113	105
Aldrin	7.6	U	150	150	120	111
Heptachlor epoxide	7.6	U	150	150	116	106
Endosulfan I	7.6	U	150	150	113	106
Dieldrin	7.6	U	150	150	114	105
4,4'-DDE	7.6	U	150	150	114	107
Endrin	7.6	U	150	150	113	105
Endosulfan II	7.6	U	150	150	110	103
4,4'-DDD	7.6	U	150	150	116	107
Endosulfan sulfate	7.6	U	150	150	106	94.4
4,4'-DDT	7.6	U	150	150	104	95.2
Methoxychlor	7.6	U	150	150	102	97.1
Endrin ketone	7.6	U	150	150	117	106
Endrin aldehyde	7.6	U	150	150	95.7	87.5
alpha-Chlordane	7.6	U	150	150	101	93.7
gamma-Chlordane	7.6	U	150	150	114	106

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87367

Method: 8082 Preparation: 3541

Lab Sample ID: MB 460-87367/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 1013
Prep Date: 09/27/2011 0509
Leach Date: N/A

Analysis Batch: 460-87420
Prep Batch: 460-87367
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC7
Lab File ID: or178028.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	67	U	13	67
PCB-1221	67	U	20	67
PCB-1232	67	U	38	67
PCB-1242	67	U	13	67
PCB-1248	67	U	18	67
PCB-1254	67	U	23	67
PCB-1260	67	U	7.5	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	120	30 - 150
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	117	30 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-87367

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-87367/2-A	Analysis Batch:	460-87420	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-87367	Lab File ID:	or178029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/27/2011 1029	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0509			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	394	118	60 - 144	
PCB-1260	333	377	113	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	133		30 - 150		

Lab Control Sample - Batch: 460-87367

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-87367/2-A	Analysis Batch:	460-87420	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-87367	Lab File ID:	of178029.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/27/2011 1029	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0509			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	391	117	60 - 144	
PCB-1260	333	375	113	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	132		30 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87367**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID:	460-31552-5	Analysis Batch:	460-87420	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-87367	Lab File ID:	of178033.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/27/2011 1135			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0509			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-31552-5	Analysis Batch:	460-87420	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-87367	Lab File ID:	of178034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/27/2011 1152			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0509			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	74	72	60 - 144	3	30		
PCB-1260	75	68	63 - 143	9	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	83		80	30 - 150			

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87367**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID:	460-31552-5	Analysis Batch:	460-87420	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-87367	Lab File ID:	or178033.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	09/27/2011 1135			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0509			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-31552-5	Analysis Batch:	460-87420	Instrument ID:	PESTGC7
Client Matrix:	Solid	Prep Batch:	460-87367	Lab File ID:	or178034.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	09/27/2011 1152			Final Weight/Volume:	10 mL
Prep Date:	09/27/2011 0509			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	73	71	60 - 144	3	30		
PCB-1260	71	67	63 - 143	5	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	81		77	30 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87367**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-31552-5 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 1135
Prep Date: 09/27/2011 0509
Leach Date: N/A

MSD Lab Sample ID: 460-31552-5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 1152
Prep Date: 09/27/2011 0509
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	77	U	384	385	283	275
PCB-1260	77	U	384	385	286	262

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-87367**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-31552-5 Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 1135
Prep Date: 09/27/2011 0509
Leach Date: N/A

MSD Lab Sample ID: 460-31552-5
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 1152
Prep Date: 09/27/2011 0509
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	77	U	384	385	280	272
PCB-1260	77	U	384	385	271	257

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-88122

Method: 8082 Preparation: 3541

Lab Sample ID: MB 460-88122/1-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/04/2011 2032
Prep Date: 10/04/2011 0415
Leach Date: N/A

Analysis Batch: 460-88374
Prep Batch: 460-88122
Leach Batch: N/A
Units: ug/Kg

Instrument ID: PESTGC9
Lab File ID: vr465112.d
Initial Weight/Volume: 15.00 g
Final Weight/Volume: 10 mL
Injection Volume:
Column ID: PRIMARY

Analyte	Result	Qual	MDL	RL
PCB-1016	67	U	13	67
PCB-1221	67	U	20	67
PCB-1232	67	U	38	67
PCB-1242	67	U	13	67
PCB-1248	67	U	18	67
PCB-1254	67	U	23	67
PCB-1260	67	U	7.5	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	114	30 - 150
Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	112	30 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Control Sample - Batch: 460-88122

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-88122/2-A	Analysis Batch:	460-88374	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-88122	Lab File ID:	vf465113.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/04/2011 2048	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0415			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	343	103	60 - 144	
PCB-1260	333	325	98	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	113		30 - 150		

Lab Control Sample - Batch: 460-88122

Method: 8082
Preparation: 3541

Lab Sample ID:	LCS 460-88122/2-A	Analysis Batch:	460-88374	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-88122	Lab File ID:	vr465113.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/04/2011 2048	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0415			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	333	340	102	60 - 144	
PCB-1260	333	323	97	63 - 143	
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	111		30 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88122

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-31736-C-18-A MS	Analysis Batch:	460-88374	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-88122	Lab File ID:	vf465114.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	10/04/2011 2104			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0415			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-31736-C-18-B MSD	Analysis Batch:	460-88374	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-88122	Lab File ID:	vf465115.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/04/2011 2120			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0415			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	118	116	60 - 144	1	30		
PCB-1260	115	110	63 - 143	4	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	124		121	30 - 150			

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-88122

Method: 8082
Preparation: 3541

MS Lab Sample ID:	460-31736-C-18-A MS	Analysis Batch:	460-88374	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-88122	Lab File ID:	vr465114.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.02 g
Analysis Date:	10/04/2011 2104			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0415			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-31736-C-18-B MSD	Analysis Batch:	460-88374	Instrument ID:	PESTGC9
Client Matrix:	Solid	Prep Batch:	460-88122	Lab File ID:	vr465115.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	15.00 g
Analysis Date:	10/04/2011 2120			Final Weight/Volume:	10 mL
Prep Date:	10/04/2011 0415			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	112	111	60 - 144	1	30		
PCB-1260	111	108	63 - 143	2	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	120		115	30 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88122**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-31736-C-18-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/04/2011 2104
Prep Date: 10/04/2011 0415
Leach Date: N/A

MSD Lab Sample ID: 460-31736-C-18-B MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/04/2011 2120
Prep Date: 10/04/2011 0415
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	76	U	376	376	442	437
PCB-1260	76	U	376	376	431	414

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-88122**

**Method: 8082
Preparation: 3541**

MS Lab Sample ID: 460-31736-C-18-A MS Units: ug/Kg
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/04/2011 2104
Prep Date: 10/04/2011 0415
Leach Date: N/A

MSD Lab Sample ID: 460-31736-C-18-B MSD
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 10/04/2011 2120
Prep Date: 10/04/2011 0415
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
PCB-1016	76	U	376	376	422	417
PCB-1260	76	U	376	376	418	408

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: MB 460-87829/1-A ^2
Client Matrix: Solid
Dilution: 2.0
Analysis Date: 09/30/2011 1919
Prep Date: 09/30/2011 0707
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87829
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 1.00 g
Final Weight/Volume: 50 mL

Analyte	Result	Qual	MDL	RL
Aluminum	20.0	U	7.3	20.0
Antimony	0.489	J	0.44	1.0
Arsenic	0.50	U	0.35	0.50
Barium	20.0	U	0.60	20.0
Beryllium	0.20	U	0.088	0.20
Cadmium	0.50	U	0.078	0.50
Calcium	500	U	13.1	500
Chromium	1.0	U	0.59	1.0
Cobalt	5.0	U	0.61	5.0
Copper	2.5	U	0.41	2.5
Iron	15.0	U	5.3	15.0
Lead	0.50	U	0.25	0.50
Magnesium	500	U	5.3	500
Manganese	1.5	U	0.56	1.5
Nickel	4.0	U	0.27	4.0
Potassium	500	U	22.6	500
Selenium	1.0	U	0.47	1.0
Silver	1.0	U	0.076	1.0
Sodium	500	U	30.7	500
Thallium	1.0	U	0.48	1.0
Vanadium	5.0	U	0.26	5.0
Zinc	3.0	U	0.49	3.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

LCS-Certified Reference Material - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: LCSSRM 460-87829/2-A
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 09/30/2011 1923
 Prep Date: 09/30/2011 0707
 Leach Date: N/A

Analysis Batch: 460-87983
 Prep Batch: 460-87829
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 09302011A.asc
 Initial Weight/Volume: 1.00 g
 Final Weight/Volume: 50 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	10500	8308	79	46.1 - 154	
Antimony	67.4	177.2	263	32.0 - 353	
Arsenic	104	97.06	93	69.7 - 131	
Barium	198	184.9	93	73.2 - 126	
Beryllium	77.6	75.30	97	74.0 - 126	
Cadmium	60.7	59.80	99	73.3 - 127	
Calcium	9870	9968	101	75.4 - 125	
Chromium	236	232.8	99	70.8 - 129	
Cobalt	91.2	93.50	103	74.4 - 126	
Copper	174	169.7	98	75.3 - 124	
Iron	18000	17930	100	42.1 - 158	
Lead	86.0	85.02	99	69.8 - 130	
Magnesium	4000	3522	88	69.5 - 131	
Manganese	558	552.6	99	77.4 - 123	
Nickel	134	138.5	103	73.2 - 127	
Potassium	4300	3822	89	65.3 - 135	
Selenium	286	263.4	92	69.6 - 130	
Silver	30.1	27.90	93	65.1 - 135	
Sodium	1020	973.2	95	60.2 - 139	J
Thallium	121	124.6	103	67.8 - 133	
Vanadium	115	110.8	96	67.6 - 132	
Zinc	594	578.8	97	73.6 - 127	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Matrix Spike - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31716-A-8-C MS ^4
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 09/30/2011 1857
Prep Date: 09/30/2011 0707
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87829
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 1.04 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7970	203	9527	767	75 - 125	4
Antimony	2.0 U	50.7	24.25	48	75 - 125	F
Arsenic	1.9	203	172.6	84	75 - 125	
Barium	49.4	203	230.1	89	75 - 125	
Beryllium	0.32 J	5.07	4.86	89	75 - 125	
Cadmium	1.0 U	5.07	4.43	87	75 - 125	
Calcium	8240	2030	11360	154	75 - 125	4
Chromium	16.5	20.3	35.00	91	75 - 125	
Cobalt	9.2 J	50.7	52.88	86	75 - 125	
Copper	22.5	25.4	46.71	96	75 - 125	
Iron	18400	101	19430	1036	75 - 125	4
Lead	4.7	50.7	50.77	91	75 - 125	
Magnesium	7020	2030	9001	98	75 - 125	
Manganese	437	50.7	493.9	112	75 - 125	4
Nickel	15.3	50.7	61.24	91	75 - 125	
Potassium	928 J	2030	2778	91	75 - 125	
Selenium	2.0 U	203	165.0	81	75 - 125	
Silver	2.0 U	5.07	4.24	84	75 - 125	
Sodium	212 J	2030	1943	85	75 - 125	
Thallium	2.0 U	203	180.1	89	75 - 125	
Vanadium	25.4	50.7	68.99	86	75 - 125	
Zinc	35.1	50.7	81.71	92	75 - 125	

Post Digestion Spike - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31716-A-8-A PDS ^4
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 09/30/2011 1900
Prep Date: 09/30/2011 0707
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87829
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7970	410	8238	NC	75 - 125	
Antimony	2.0 U	102	89.53	87	75 - 125	
Arsenic	1.9	410	369.0	90	75 - 125	
Barium	49.4	410	432.5	93	75 - 125	
Beryllium	0.32 J	10.2	9.89	93	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Post Digestion Spike - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31716-A-8-A PDS ^4
 Client Matrix: Solid
 Dilution: 4.0
 Analysis Date: 09/30/2011 1900
 Prep Date: 09/30/2011 0707
 Leach Date: N/A

Analysis Batch: 460-87983
 Prep Batch: 460-87829
 Leach Batch: N/A
 Units: mg/Kg

Instrument ID: ICP4
 Lab File ID: 09302011A.asc
 Initial Weight/Volume: 1.03 g
 Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	1.0	U	10.2	9.62	94	75 - 125	
Calcium	8240		4100	12080	94	75 - 125	
Chromium	16.5		41.0	55.32	95	75 - 125	
Cobalt	9.2	J	102	105.4	94	75 - 125	
Copper	22.5		51.2	69.35	92	75 - 125	
Iron	18400		205	18540	NC	75 - 125	
Lead	4.7		102	102.8	96	75 - 125	
Magnesium	7020		4100	10790	92	75 - 125	
Manganese	437		102	534.1	95	75 - 125	
Nickel	15.3		102	113.0	95	75 - 125	
Potassium	928	J	4100	4639	91	75 - 125	
Selenium	2.0	U	410	361.2	88	75 - 125	
Silver	2.0	U	10.2	9.04	88	75 - 125	
Sodium	212	J	4100	3991	92	75 - 125	
Thallium	2.0	U	410	390.9	95	75 - 125	
Vanadium	25.4		102	119.7	92	75 - 125	
Zinc	35.1		102	129.7	92	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Duplicate - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31716-A-8-B DU ^4
Client Matrix: Solid
Dilution: 4.0
Analysis Date: 09/30/2011 1845
Prep Date: 09/30/2011 0707
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87829
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 1.02 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	7970		9054	13	20	
Antimony	2.0	U	2.1	NC	20	U
Arsenic	1.9		2.03	8	20	
Barium	49.4		51.91	5	20	
Beryllium	0.32	J	0.353	9	20	J
Cadmium	1.0	U	1.0	NC	20	U
Calcium	8240		6960	17	20	
Chromium	16.5		14.47	13	20	
Cobalt	9.2	J	9.10	0.9	20	J
Copper	22.5		30.54	31	20	F
Iron	18400		19910	8	20	
Lead	4.7		5.40	13	20	
Magnesium	7020		7287	4	20	
Manganese	437		450.0	3	20	
Nickel	15.3		17.45	13	20	
Potassium	928	J	855.3	8	20	J
Selenium	2.0	U	2.1	NC	20	U
Silver	2.0	U	2.1	NC	20	U
Sodium	212	J	245.6	15	20	J
Thallium	2.0	U	2.1	NC	20	U
Vanadium	25.4		27.27	7	20	
Zinc	35.1		38.54	9	20	

Serial Dilution - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31716-A-8-A SD ^20
Client Matrix: Solid
Dilution: 20
Analysis Date: 09/30/2011 1853
Prep Date: 09/30/2011 0707
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87829
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	7970		8191	2.8	10	
Antimony	2.0	U	10.2	NC	10	U
Arsenic	1.9		5.1	NC	10	U
Barium	49.4		50.09	NC	10	J
Beryllium	0.32	J	2.0	NC	10	U
Cadmium	1.0	U	5.1	NC	10	U
Calcium	8240		8425	2.3	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Serial Dilution - Batch: 460-87829

Method: 6010B

Preparation: 3050B

Lab Sample ID: 460-31716-A-8-A SD ^20
Client Matrix: Solid
Dilution: 20
Analysis Date: 09/30/2011 1853
Prep Date: 09/30/2011 0707
Leach Date: N/A

Analysis Batch: 460-87983
Prep Batch: 460-87829
Leach Batch: N/A
Units: mg/Kg

Instrument ID: ICP4
Lab File ID: 09302011A.asc
Initial Weight/Volume: 1.03 g
Final Weight/Volume: 50 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	16.5		16.07	NC	10	
Cobalt	9.2	J	9.53	NC	10	J
Copper	22.5		21.11	NC	10	J
Iron	18400		18800	2.3	10	
Lead	4.7		4.63	NC	10	J
Magnesium	7020		7223	2.9	10	
Manganese	437		448.4	2.6	10	
Nickel	15.3		15.35	NC	10	J
Potassium	928	J	911.2	NC	10	J
Selenium	2.0	U	10.2	NC	10	U
Silver	2.0	U	10.2	NC	10	U
Sodium	212	J	5120	NC	10	U
Thallium	2.0	U	10.2	NC	10	U
Vanadium	25.4		25.41	NC	10	J
Zinc	35.1		36.08	NC	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Method Blank - Batch: 460-87472

Method: 7471A
Preparation: 7471A

Lab Sample ID: MB 460-87472/10-A
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 2103
Prep Date: 09/27/2011 1750
Leach Date: N/A

Analysis Batch: 460-87497
Prep Batch: 460-87472
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 092711.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.033	U	0.022	0.033

LCS-Certified Reference Material - Batch: 460-87472

Method: 7471A
Preparation: 7471A

Lab Sample ID: LCSSRM
Client Matrix: Solid
Dilution: 10
Analysis Date: 09/27/2011 2052
Prep Date: 09/27/2011 1750
Leach Date: N/A

Analysis Batch: 460-87497
Prep Batch: 460-87472
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 092711.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	8.46	8.17	97	51.3 - 149	

Matrix Spike - Batch: 460-87472

Method: 7471A
Preparation: 7471A

Lab Sample ID: 460-31465-F-1-F MS
Client Matrix: Solid
Dilution: 1.0
Analysis Date: 09/27/2011 2058
Prep Date: 09/27/2011 1750
Leach Date: N/A

Analysis Batch: 460-87497
Prep Batch: 460-87472
Leach Batch: N/A
Units: mg/Kg

Instrument ID: LEEMAN5
Lab File ID: 092711.PRN
Initial Weight/Volume: 0.60 g
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.33	0.189	0.591	138	75 - 125	F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Duplicate - Batch: 460-87472

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-31465-F-1-E DU	Analysis Batch:	460-87497	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-87472	Lab File ID:	092711.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/27/2011 2056	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/27/2011 1750				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.33	0.353	7	20	

Serial Dilution - Batch: 460-87472

Method: 7471A
Preparation: 7471A

Lab Sample ID:	460-31465-F-1-D SD ^5	Analysis Batch:	460-87497	Instrument ID:	LEEMAN5
Client Matrix:	Solid	Prep Batch:	460-87472	Lab File ID:	092711.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	09/27/2011 2151	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	09/27/2011 1750				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.33	0.359	NC		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Duplicate - Batch: 460-87429

Method: Moisture Preparation: N/A

Lab Sample ID:	460-31552-5	Analysis Batch:	460-87429	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	09/27/2011 1329	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Moisture	13.3	11.3	16	20	
Percent Solids	86.7	88.7	2	20	

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
GC/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
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	A	The tentatively identified compound is a suspected aldol-condensation product.
GC Semi VOA		
	U	Indicates the analyte was analyzed for but not detected.
	F	MS/MSD Recovery or RPD exceeds the control limits
	X	Surrogate is outside control limits
Metals		
	U	Indicates the analyte was analyzed for but not detected.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	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.

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 460-87336					
460-31552-4	SO-17338-092111-MM-042	T	Solid	5035	
460-31552-4MS	Matrix Spike	T	Solid	5035	
460-31552-4MSD	Matrix Spike Duplicate	T	Solid	5035	
Prep Batch: 460-87337					
460-31552-5	SO-17338-092111-MM-043	T	Solid	5035	
460-31552-5MS	Matrix Spike	T	Solid	5035	
460-31552-5MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:460-87487					
LCS 460-87487/3	Lab Control Sample	T	Solid	8260B	
MB 460-87487/4	Method Blank	T	Solid	8260B	
460-31552-5	SO-17338-092111-MM-043	T	Solid	8260B	460-87337
460-31552-5MS	Matrix Spike	T	Solid	8260B	460-87337
460-31552-5MSD	Matrix Spike Duplicate	T	Solid	8260B	460-87337
Analysis Batch:460-88346					
LCS 460-88346/3	Lab Control Sample	T	Solid	8260B	
MB 460-88346/4	Method Blank	T	Solid	8260B	
460-31552-4	SO-17338-092111-MM-042	T	Solid	8260B	460-87336
460-31552-4MS	Matrix Spike	T	Solid	8260B	460-87336
460-31552-4MSD	Matrix Spike Duplicate	T	Solid	8260B	460-87336

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-87412					
LCS 460-87412/2-A	Lab Control Sample	T	Solid	3541	
MB 460-87412/1-A	Method Blank	T	Solid	3541	
460-31552-5	SO-17338-092111-MM-043	T	Solid	3541	
460-31553-D-4-D MS	Matrix Spike	T	Solid	3541	
460-31553-D-4-E MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-87782					
LCS 460-87412/2-A	Lab Control Sample	T	Solid	8270C	460-87412
MB 460-87412/1-A	Method Blank	T	Solid	8270C	460-87412
460-31552-5	SO-17338-092111-MM-043	T	Solid	8270C	460-87412
460-31553-D-4-D MS	Matrix Spike	T	Solid	8270C	460-87412
460-31553-D-4-E MSD	Matrix Spike Duplicate	T	Solid	8270C	460-87412
Prep Batch: 460-88256					
LCS 460-88256/2-A	Lab Control Sample	T	Solid	3541	
MB 460-88256/1-A	Method Blank	T	Solid	3541	
460-31552-4	SO-17338-092111-MM-042	T	Solid	3541	
460-31736-C-18-K MS	Matrix Spike	T	Solid	3541	
460-31736-C-18-L MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-88920					
LCS 460-88256/2-A	Lab Control Sample	T	Solid	8270C	460-88256
MB 460-88256/1-A	Method Blank	T	Solid	8270C	460-88256
460-31552-4	SO-17338-092111-MM-042	T	Solid	8270C	460-88256
460-31736-C-18-K MS	Matrix Spike	T	Solid	8270C	460-88256
460-31736-C-18-L MSD	Matrix Spike Duplicate	T	Solid	8270C	460-88256

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-87367					
LCS 460-87367/2-A	Lab Control Sample	T	Solid	3541	
MB 460-87367/1-A	Method Blank	T	Solid	3541	
460-31552-5	SO-17338-092111-MM-043	T	Solid	3541	
460-31552-5MS	Matrix Spike	T	Solid	3541	
460-31552-5MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-87369					
LCS 460-87369/2-A	Lab Control Sample	T	Solid	3541	
MB 460-87369/1-A	Method Blank	T	Solid	3541	
460-31552-5	SO-17338-092111-MM-043	T	Solid	3541	
460-31552-5MS	Matrix Spike	T	Solid	3541	
460-31552-5MSD	Matrix Spike Duplicate	T	Solid	3541	
Analysis Batch:460-87399					
LCS 460-87369/2-A	Lab Control Sample	T	Solid	8081A	460-87369
MB 460-87369/1-A	Method Blank	T	Solid	8081A	460-87369
460-31552-5	SO-17338-092111-MM-043	T	Solid	8081A	460-87369
460-31552-5MS	Matrix Spike	T	Solid	8081A	460-87369
460-31552-5MSD	Matrix Spike Duplicate	T	Solid	8081A	460-87369
Analysis Batch:460-87420					
LCS 460-87367/2-A	Lab Control Sample	T	Solid	8082	460-87367
MB 460-87367/1-A	Method Blank	T	Solid	8082	460-87367
460-31552-5	SO-17338-092111-MM-043	T	Solid	8082	460-87367
460-31552-5MS	Matrix Spike	T	Solid	8082	460-87367
460-31552-5MSD	Matrix Spike Duplicate	T	Solid	8082	460-87367
Prep Batch: 460-88122					
LCS 460-88122/2-A	Lab Control Sample	T	Solid	3541	
MB 460-88122/1-A	Method Blank	T	Solid	3541	
460-31552-4	SO-17338-092111-MM-042	T	Solid	3541	
460-31736-C-18-A MS	Matrix Spike	T	Solid	3541	
460-31736-C-18-B MSD	Matrix Spike Duplicate	T	Solid	3541	
Prep Batch: 460-88124					
LCS 460-88124/2-A	Lab Control Sample	T	Solid	3541	
MB 460-88124/1-A	Method Blank	T	Solid	3541	
460-31552-4	SO-17338-092111-MM-042	T	Solid	3541	
460-31736-C-18-D MS	Matrix Spike	T	Solid	3541	
460-31736-C-18-E MSD	Matrix Spike Duplicate	T	Solid	3541	

TestAmerica Edison

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-88374					
LCS 460-88122/2-A	Lab Control Sample	T	Solid	8082	460-88122
MB 460-88122/1-A	Method Blank	T	Solid	8082	460-88122
460-31552-4	SO-17338-092111-MM-042	T	Solid	8082	460-88122
460-31736-C-18-A MS	Matrix Spike	T	Solid	8082	460-88122
460-31736-C-18-B MSD	Matrix Spike Duplicate	T	Solid	8082	460-88122
Analysis Batch:460-88872					
LCS 460-88124/2-A	Lab Control Sample	T	Solid	8081A	460-88124
MB 460-88124/1-A	Method Blank	T	Solid	8081A	460-88124
460-31552-4	SO-17338-092111-MM-042	T	Solid	8081A	460-88124
460-31736-C-18-D MS	Matrix Spike	T	Solid	8081A	460-88124
460-31736-C-18-E MSD	Matrix Spike Duplicate	T	Solid	8081A	460-88124

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-87472					
LCSSRM 460-87472/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	
MB 460-87472/10-A	Method Blank	T	Solid	7471A	
460-31465-F-1-E DU	Duplicate	T	Solid	7471A	
460-31465-F-1-F MS	Matrix Spike	T	Solid	7471A	
460-31552-4	SO-17338-092111-MM-042	T	Solid	7471A	
460-31552-5	SO-17338-092111-MM-043	T	Solid	7471A	
Analysis Batch:460-87497					
LCSSRM 460-87472/11-A ^10	LCS-Certified Reference Material	T	Solid	7471A	460-87472
MB 460-87472/10-A	Method Blank	T	Solid	7471A	460-87472
460-31465-F-1-E DU	Duplicate	T	Solid	7471A	460-87472
460-31465-F-1-F MS	Matrix Spike	T	Solid	7471A	460-87472
460-31552-4	SO-17338-092111-MM-042	T	Solid	7471A	460-87472
460-31552-5	SO-17338-092111-MM-043	T	Solid	7471A	460-87472
Prep Batch: 460-87829					
LCSSRM 460-87829/2-A ^4	LCS-Certified Reference Material	T	Solid	3050B	
MB 460-87829/1-A ^2	Method Blank	T	Solid	3050B	
460-31552-4	SO-17338-092111-MM-042	T	Solid	3050B	
460-31552-5	SO-17338-092111-MM-043	T	Solid	3050B	
460-31716-A-8-B DU ^4	Duplicate	T	Solid	3050B	
460-31716-A-8-C MS ^4	Matrix Spike	T	Solid	3050B	
Analysis Batch:460-87983					
LCSSRM 460-87829/2-A ^4	LCS-Certified Reference Material	T	Solid	6010B	460-87829
MB 460-87829/1-A ^2	Method Blank	T	Solid	6010B	460-87829
460-31552-4	SO-17338-092111-MM-042	T	Solid	6010B	460-87829
460-31552-5	SO-17338-092111-MM-043	T	Solid	6010B	460-87829
460-31716-A-8-B DU ^4	Duplicate	T	Solid	6010B	460-87829
460-31716-A-8-C MS ^4	Matrix Spike	T	Solid	6010B	460-87829

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:460-87429					
460-31552-1	SO-17338-092111-MM-039	T	Solid	Moisture	
460-31552-2	SO-17338-092111-MM-040	T	Solid	Moisture	
460-31552-3	SO-17338-092111-MM-041	T	Solid	Moisture	
460-31552-4	SO-17338-092111-MM-042	T	Solid	Moisture	
460-31552-5	SO-17338-092111-MM-043	T	Solid	Moisture	
460-31552-5DU	Duplicate	T	Solid	Moisture	
460-31552-6	SO-17338-092111-MM-044	T	Solid	Moisture	
460-31552-7	SO-17338-092111-MM-045	T	Solid	Moisture	
460-31552-8	SO-17338-092111-MM-046	T	Solid	Moisture	
460-31552-9	SO-17338-092111-MM-047	T	Solid	Moisture	
460-31552-10	SO-17338-092111-MM-048	T	Solid	Moisture	
460-31552-11	SO-17338-092111-MM-049	T	Solid	Moisture	
460-31552-12	SO-17338-092111-MM-050	T	Solid	Moisture	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Laboratory Chronicle

Lab ID: 460-31552-1

Client ID: SO-17338-092111-MM-039

Sample Date/Time: 09/21/2011 09:50

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-D-1		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-2

Client ID: SO-17338-092111-MM-040

Sample Date/Time: 09/21/2011 10:15

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-B-2		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-3

Client ID: SO-17338-092111-MM-041

Sample Date/Time: 09/21/2011 10:20

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-F-3		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-4

Client ID: SO-17338-092111-MM-042

Sample Date/Time: 09/21/2011 11:05

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31552-C-4-A		460-88346	460-87336	09/26/2011 17:16	50	TAL EDI	FJ
A:8260B	460-31552-C-4-A		460-88346	460-87336	10/05/2011 12:01	50	TAL EDI	AT
P:3541	460-31552-D-4-E		460-88920	460-88256	10/04/2011 21:50	1	TAL EDI	FHW
A:8270C	460-31552-D-4-E		460-88920	460-88256	10/08/2011 07:13	1	TAL EDI	CZ
P:3541	460-31552-D-4-C		460-88872	460-88124	10/04/2011 10:31	1	TAL EDI	ARA
A:8081A	460-31552-D-4-C		460-88872	460-88124	10/06/2011 15:09	1	TAL EDI	FM
P:3541	460-31552-D-4-D		460-88374	460-88122	10/04/2011 10:57	1	TAL EDI	ARA
A:8082	460-31552-D-4-D		460-88374	460-88122	10/05/2011 00:46	1	TAL EDI	SD
P:3050B	460-31552-D-4-B ^4		460-87983	460-87829	09/30/2011 07:07	4	TAL EDI	MC
A:6010B	460-31552-D-4-B ^4		460-87983	460-87829	09/30/2011 19:44	4	TAL EDI	CDC
P:7471A	460-31552-D-4-A		460-87497	460-87472	09/27/2011 17:50	1	TAL EDI	TS
A:7471A	460-31552-D-4-A		460-87497	460-87472	09/27/2011 21:46	1	TAL EDI	TS
A:Moisture	460-31552-D-4		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-4 MS

Client ID: SO-17338-092111-MM-042

Sample Date/Time: 09/21/2011 11:05

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31552-C-4-A MS		460-88346	460-87336	09/26/2011 17:16	50	TAL EDI	FJ
A:8260B	460-31552-C-4-A MS		460-88346	460-87336	10/05/2011 11:06	50	TAL EDI	AT

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Laboratory Chronicle

Lab ID: 460-31552-4 MSD

Client ID: SO-17338-092111-MM-042

Sample Date/Time: 09/21/2011 11:05

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31552-C-4-A MSD		460-88346	460-87336	09/26/2011 17:16	50	TAL EDI	FJ
A:8260B	460-31552-C-4-A MSD		460-88346	460-87336	10/05/2011 10:36	50	TAL EDI	AT

Lab ID: 460-31552-5

Client ID: SO-17338-092111-MM-043

Sample Date/Time: 09/21/2011 11:20

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31552-B-5-A		460-87487	460-87337	09/26/2011 17:29	50	TAL EDI	FJ
A:8260B	460-31552-B-5-A		460-87487	460-87337	09/28/2011 01:27	50	TAL EDI	EM
P:3541	460-31552-D-5-G		460-87782	460-87412	09/27/2011 12:00	1	TAL EDI	cm
A:8270C	460-31552-D-5-G		460-87782	460-87412	09/28/2011 18:13	1	TAL EDI	AAA
P:3541	460-31552-D-5-F		460-87399	460-87369	09/27/2011 05:25	1	TAL EDI	ARA
A:8081A	460-31552-D-5-F		460-87399	460-87369	09/27/2011 09:13	1	TAL EDI	FM
P:3541	460-31552-D-5-C		460-87420	460-87367	09/27/2011 05:09	1	TAL EDI	ARA
A:8082	460-31552-D-5-C		460-87420	460-87367	09/27/2011 10:46	1	TAL EDI	SD
P:3050B	460-31552-D-5-I ^4		460-87983	460-87829	09/30/2011 07:07	4	TAL EDI	MC
A:6010B	460-31552-D-5-I ^4		460-87983	460-87829	09/30/2011 19:48	4	TAL EDI	CDC
P:7471A	460-31552-D-5-H		460-87497	460-87472	09/27/2011 17:50	1	TAL EDI	TS
A:7471A	460-31552-D-5-H		460-87497	460-87472	09/27/2011 21:49	1	TAL EDI	TS
A:Moisture	460-31552-D-5		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-5 MS

Client ID: SO-17338-092111-MM-043

Sample Date/Time: 09/21/2011 11:20

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31552-B-5-A MS		460-87487	460-87337	09/26/2011 17:29	50	TAL EDI	FJ
A:8260B	460-31552-B-5-A MS		460-87487	460-87337	09/28/2011 02:40	50	TAL EDI	EM
P:3541	460-31552-D-5-D MS		460-87399	460-87369	09/27/2011 05:25	1	TAL EDI	ARA
A:8081A	460-31552-D-5-D MS		460-87399	460-87369	09/27/2011 09:27	1	TAL EDI	FM
P:3541	460-31552-D-5-A MS		460-87420	460-87367	09/27/2011 05:09	1	TAL EDI	ARA
A:8082	460-31552-D-5-A MS		460-87420	460-87367	09/27/2011 11:35	1	TAL EDI	SD

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Laboratory Chronicle

Lab ID: 460-31552-5 MSD

Client ID: SO-17338-092111-MM-043

Sample Date/Time: 09/21/2011 11:20

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	460-31552-B-5-A MSD		460-87487	460-87337	09/26/2011 17:29	50	TAL EDI	FJ
A:8260B	460-31552-B-5-A MSD		460-87487	460-87337	09/28/2011 03:04	50	TAL EDI	EM
P:3541	460-31552-D-5-E MSD		460-87399	460-87369	09/27/2011 05:25	1	TAL EDI	ARA
A:8081A	460-31552-D-5-E MSD		460-87399	460-87369	09/27/2011 09:44	1	TAL EDI	FM
P:3541	460-31552-D-5-B MSD		460-87420	460-87367	09/27/2011 05:09	1	TAL EDI	ARA
A:8082	460-31552-D-5-B MSD		460-87420	460-87367	09/27/2011 11:52	1	TAL EDI	SD

Lab ID: 460-31552-5 DU

Client ID: SO-17338-092111-MM-043

Sample Date/Time: 09/21/2011 11:20

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-D-5 DU		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-6

Client ID: SO-17338-092111-MM-044

Sample Date/Time: 09/21/2011 12:40

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-D-6		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-7

Client ID: SO-17338-092111-MM-045

Sample Date/Time: 09/21/2011 12:55

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-C-7		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-8

Client ID: SO-17338-092111-MM-046

Sample Date/Time: 09/21/2011 13:20

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-D-8		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Laboratory Chronicle

Lab ID: 460-31552-9

Client ID: SO-17338-092111-MM-047

Sample Date/Time: 09/21/2011 13:30

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-D-9		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-10

Client ID: SO-17338-092111-MM-048

Sample Date/Time: 09/21/2011 14:15

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-D-10		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-11

Client ID: SO-17338-092111-MM-049

Sample Date/Time: 09/21/2011 14:30

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-B-11		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Lab ID: 460-31552-12

Client ID: SO-17338-092111-MM-050

Sample Date/Time: 09/21/2011 14:40

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	460-31552-D-12		460-87429		09/27/2011 13:29	1	TAL EDI	CHA

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

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:8260B	MB 460-87487/4		460-87487		09/27/2011 23:01	50	TAL EDI	EM
A:8260B	MB 460-88346/4		460-88346		10/05/2011 06:18	50	TAL EDI	AT
P:3541	MB 460-87412/1-A		460-87782	460-87412	09/27/2011 12:00	1	TAL EDI	cm
A:8270C	MB 460-87412/1-A		460-87782	460-87412	09/28/2011 17:48	1	TAL EDI	AAA
P:3541	MB 460-88256/1-A		460-88920	460-88256	10/04/2011 21:50	1	TAL EDI	FHW
A:8270C	MB 460-88256/1-A		460-88920	460-88256	10/08/2011 04:37	1	TAL EDI	CZ
P:3541	MB 460-87369/1-A		460-87399	460-87369	09/27/2011 05:25	1	TAL EDI	ARA
A:8081A	MB 460-87369/1-A		460-87399	460-87369	09/27/2011 10:11	1	TAL EDI	FM
P:3541	MB 460-88124/1-A		460-88872	460-88124	10/04/2011 04:38	1	TAL EDI	ARA
A:8081A	MB 460-88124/1-A		460-88872	460-88124	10/06/2011 15:23	1	TAL EDI	FM
P:3541	MB 460-87367/1-A		460-87420	460-87367	09/27/2011 05:09	1	TAL EDI	ARA
A:8082	MB 460-87367/1-A		460-87420	460-87367	09/27/2011 10:13	1	TAL EDI	SD
P:3541	MB 460-88122/1-A		460-88374	460-88122	10/04/2011 04:15	1	TAL EDI	ARA
A:8082	MB 460-88122/1-A		460-88374	460-88122	10/04/2011 20:32	1	TAL EDI	SD
P:3050B	MB 460-87829/1-A ^2		460-87983	460-87829	09/30/2011 07:07	2	TAL EDI	MC
A:6010B	MB 460-87829/1-A ^2		460-87983	460-87829	09/30/2011 19:19	2	TAL EDI	CDC
P:7471A	MB 460-87472/10-A		460-87497	460-87472	09/27/2011 17:50	1	TAL EDI	TS
A:7471A	MB 460-87472/10-A		460-87497	460-87472	09/27/2011 21:03	1	TAL EDI	TS

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:8260B	LCS 460-87487/3		460-87487		09/27/2011 21:09	50	TAL EDI	EM
A:8260B	LCS 460-88346/3		460-88346		10/05/2011 04:32	50	TAL EDI	AT
P:3541	LCS 460-87412/2-A		460-87782	460-87412	09/27/2011 12:00	1	TAL EDI	cm
A:8270C	LCS 460-87412/2-A		460-87782	460-87412	09/28/2011 16:24	1	TAL EDI	AAA
P:3541	LCS 460-88256/2-A		460-88920	460-88256	10/04/2011 21:50	1	TAL EDI	FHW
A:8270C	LCS 460-88256/2-A		460-88920	460-88256	10/08/2011 04:12	1	TAL EDI	CZ
P:3541	LCS 460-87369/2-A		460-87399	460-87369	09/27/2011 05:25	1	TAL EDI	ARA
A:8081A	LCS 460-87369/2-A		460-87399	460-87369	09/27/2011 09:58	1	TAL EDI	FM
P:3541	LCS 460-88124/2-A		460-88872	460-88124	10/04/2011 04:38	1	TAL EDI	ARA
A:8081A	LCS 460-88124/2-A		460-88872	460-88124	10/06/2011 13:33	1	TAL EDI	FM
P:3541	LCS 460-87367/2-A		460-87420	460-87367	09/27/2011 05:09	1	TAL EDI	ARA
A:8082	LCS 460-87367/2-A		460-87420	460-87367	09/27/2011 10:29	1	TAL EDI	SD
P:3541	LCS 460-88122/2-A		460-88374	460-88122	10/04/2011 04:15	1	TAL EDI	ARA
A:8082	LCS 460-88122/2-A		460-88374	460-88122	10/04/2011 20:48	1	TAL EDI	SD

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Laboratory Chronicle

Lab ID: LCSSRM

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:3050B	LCSSRM		460-87983	460-87829	09/30/2011 07:07	4	TAL EDI	MC
	460-87829/2-A ^4							
A:6010B	LCSSRM		460-87983	460-87829	09/30/2011 19:23	4	TAL EDI	CDC
	460-87829/2-A ^4							
P:7471A	LCSSRM		460-87497	460-87472	09/27/2011 17:50	10	TAL EDI	TS
	460-87472/11-A ^10							
A:7471A	LCSSRM		460-87497	460-87472	09/27/2011 20:52	10	TAL EDI	TS
	460-87472/11-A ^10							

Lab ID: MS

Client ID: N/A

Sample Date/Time: 09/22/2011 10:55

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-31553-D-4-D MS		460-87782	460-87412	09/27/2011 12:00	1	TAL EDI	cm
A:8270C	460-31553-D-4-D MS		460-87782	460-87412	09/28/2011 19:03	1	TAL EDI	AAA
P:3541	460-31736-C-18-K MS		460-88920	460-88256	10/04/2011 21:50	1	TAL EDI	FHW
A:8270C	460-31736-C-18-K MS		460-88920	460-88256	10/08/2011 05:31	1	TAL EDI	CZ
P:3541	460-31736-C-18-D MS		460-88872	460-88124	10/04/2011 04:38	1	TAL EDI	ARA
A:8081A	460-31736-C-18-D MS		460-88872	460-88124	10/06/2011 13:46	1	TAL EDI	FM
P:3541	460-31736-C-18-A MS		460-88374	460-88122	10/04/2011 04:15	1	TAL EDI	ARA
A:8082	460-31736-C-18-A MS		460-88374	460-88122	10/04/2011 21:04	1	TAL EDI	SD
P:3050B	460-31716-A-8-C MS ^4		460-87983	460-87829	09/30/2011 07:07	4	TAL EDI	MC
A:6010B	460-31716-A-8-C MS ^4		460-87983	460-87829	09/30/2011 18:57	4	TAL EDI	CDC
P:7471A	460-31465-F-1-F MS		460-87497	460-87472	09/27/2011 17:50	1	TAL EDI	TS
A:7471A	460-31465-F-1-F MS		460-87497	460-87472	09/27/2011 20:58	1	TAL EDI	TS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Laboratory Chronicle

Lab ID: MSD

Client ID: N/A

Sample Date/Time: 09/22/2011 10:55

Received Date/Time: 09/23/2011 18:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3541	460-31553-D-4-E MSD		460-87782	460-87412	09/27/2011 12:00	1	TAL EDI	cm
A:8270C	460-31553-D-4-E MSD		460-87782	460-87412	09/28/2011 19:28	1	TAL EDI	AAA
P:3541	460-31736-C-18-L MSD		460-88920	460-88256	10/04/2011 21:50	1	TAL EDI	FHW
A:8270C	460-31736-C-18-L MSD		460-88920	460-88256	10/08/2011 05:56	1	TAL EDI	CZ
P:3541	460-31736-C-18-E MSD		460-88872	460-88124	10/04/2011 04:38	1	TAL EDI	ARA
A:8081A	460-31736-C-18-E MSD		460-88872	460-88124	10/06/2011 14:00	1	TAL EDI	FM
P:3541	460-31736-C-18-B MSD		460-88374	460-88122	10/04/2011 04:15	1	TAL EDI	ARA
A:8082	460-31736-C-18-B MSD		460-88374	460-88122	10/04/2011 21:20	1	TAL EDI	SD

Lab ID: DU

Client ID: N/A

Sample Date/Time: 09/28/2011 15:05

Received Date/Time: 09/28/2011 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-31716-A-8-B DU ^4		460-87983	460-87829	09/30/2011 07:07	4	TAL EDI	MC
A:6010B	460-31716-A-8-B DU ^4		460-87983	460-87829	09/30/2011 18:45	4	TAL EDI	CDC
P:7471A	460-31465-F-1-E DU		460-87497	460-87472	09/27/2011 17:50	1	TAL EDI	TS
A:7471A	460-31465-F-1-E DU		460-87497	460-87472	09/27/2011 20:56	1	TAL EDI	TS

Lab ID: SD

Client ID: N/A

Sample Date/Time: 09/28/2011 15:05

Received Date/Time: 09/28/2011 17:45

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	460-31716-A-8-A SD ^20		460-87983	460-87829	09/30/2011 07:07	20	TAL EDI	MC
A:6010B	460-31716-A-8-A SD ^20		460-87983	460-87829	09/30/2011 18:53	20	TAL EDI	CDC
P:3050B	460-31716-A-8-A PDS ^4		460-87983	460-87829	09/30/2011 07:07	4	TAL EDI	MC
A:6010B	460-31716-A-8-A PDS ^4		460-87983	460-87829	09/30/2011 19:00	4	TAL EDI	CDC
P:7471A	460-31465-F-1-D SD ^5		460-87497	460-87472	09/27/2011 17:50	5	TAL EDI	TS
A:7471A	460-31465-F-1-D SD ^5		460-87497	460-87472	09/27/2011 21:51	5	TAL EDI	TS

Lab References:

TAL EDI = TestAmerica Edison

TestAmerica Edison

A = Analytical Method P = Prep Method

Method 8260 DEL

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium
GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
SO-17338-092111-MM-042	460-31552-4	98	99	99
SO-17338-092111-MM-043	460-31552-5	107	103	112
	MB 460-87487/4	102	104	105
	MB 460-88346/4	90	96	100
	LCS 460-87487/3	103	100	100
	LCS 460-88346/3	98	99	97
SO-17338-092111-MM-042 MS	460-31552-4 MS	94	92	97
SO-17338-092111-MM-043 MS	460-31552-5 MS	106	104	101
SO-17338-092111-MM-042 MSD	460-31552-4 MSD	103	104	98
SO-17338-092111-MM-043 MSD	460-31552-5 MSD	111	109	113

	<u>QC LIMITS</u>
DCA = 1,2-Dichloroethane-d4 (Surr)	57-135
TOL = Toluene-d8 (Surr)	46-130
BFB = 4-Bromofluorobenzene	50-124

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04018.d
 Lab ID: LCS 460-87487/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	2000	1820	91	41-149	
Chloromethane	2000	1920	96	52-144	
Vinyl chloride	2000	1870	93	55-154	
Bromomethane	2000	1800	90	58-154	
Chloroethane	2000	1720	86	66-144	
Trichlorofluoromethane	2000	1790	89	60-148	
1,1-Dichloroethene	2000	1680	84	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2000	1710	85	50-128	
Acetone	2000	1560	78	48-177	
Carbon disulfide	2000	1800	90	70-120	
Methyl acetate	2000	1940	97	72-165	
Methylene Chloride	2000	1800	90	78-118	
trans-1,2-Dichloroethene	2000	1800	90	73-119	
Methyl tert-butyl ether	2000	1840	92	65-143	
1,1-Dichloroethane	2000	1810	90	79-119	
cis-1,2-Dichloroethene	2000	1830	92	78-118	
2-Butanone (MEK)	2000	2240	112	70-139	
Chloroform	2000	1710	86	81-122	
1,1,1-Trichloroethane	2000	1740	87	78-118	
Cyclohexane	2000	1830	91	69-128	
Carbon tetrachloride	2000	1780	89	64-130	
Benzene	2000	1760	88	71-118	
1,2-Dichloroethane	2000	1850	92	81-121	
Trichloroethene	2000	1740	87	82-122	
Methylcyclohexane	2000	1810	90	80-134	
1,2-Dichloropropane	2000	1790	89	78-118	
Dichlorobromomethane	2000	1880	94	78-118	
cis-1,3-Dichloropropene	2000	1800	90	75-120	
4-Methyl-2-pentanone (MIBK)	2000	1870	93	69-124	
Toluene	2000	1730	87	79-136	
trans-1,3-Dichloropropene	2000	1830	91	73-118	
1,1,2-Trichloroethane	2000	1900	95	77-120	
Tetrachloroethene	2000	1720	86	78-136	
2-Hexanone	2000	1830	91	62-123	
Chlorodibromomethane	2000	1860	93	78-118	
1,2-Dibromoethane	2000	1840	92	76-120	
Chlorobenzene	2000	1780	89	69-124	
Ethylbenzene	2000	1780	89	78-124	
Xylenes, Total	6000	5340	89	78-126	
Styrene	2000	1780	89	73-126	
Bromoform	2000	1790	89	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04018.d
Lab ID: LCS 460-87487/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	2000	1790	90	80-143	
1,1,2,2-Tetrachloroethane	2000	1770	89	86-145	
1,3-Dichlorobenzene	2000	1870	93	83-123	
1,4-Dichlorobenzene	2000	1840	92	84-124	
1,2-Dichlorobenzene	2000	1910	96	83-123	
1,2-Dibromo-3-Chloropropane	2000	2080	104	62-127	
1,2,4-Trichlorobenzene	2000	1990	99	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04281.d
 Lab ID: LCS 460-88346/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	2000	1750	87	41-149	
Chloromethane	2000	1810	91	52-144	
Vinyl chloride	2000	1950	98	55-154	
Bromomethane	2000	2110	105	58-154	
Chloroethane	2000	1790	89	66-144	
Trichlorofluoromethane	2000	1790	89	60-148	
1,1-Dichloroethene	2000	2020	101	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	2000	1740	87	50-128	
Acetone	2000	1750	87	48-177	
Carbon disulfide	2000	1780	89	70-120	
Methyl acetate	2000	2070	103	72-165	
Methylene Chloride	2000	1970	98	78-118	
trans-1,2-Dichloroethene	2000	2050	102	73-119	
Methyl tert-butyl ether	2000	1830	91	65-143	
1,1-Dichloroethane	2000	1920	96	79-119	
cis-1,2-Dichloroethene	2000	2050	103	78-118	
2-Butanone (MEK)	2000	2000	100	70-139	
Chloroform	2000	2120	106	81-122	
1,1,1-Trichloroethane	2000	2130	106	78-118	
Cyclohexane	2000	1880	94	69-128	
Carbon tetrachloride	2000	2150	108	64-130	
Benzene	2000	2030	101	71-118	
1,2-Dichloroethane	2000	2180	109	81-121	
Trichloroethene	2000	2110	106	82-122	
Methylcyclohexane	2000	1950	98	80-134	
1,2-Dichloropropane	2000	2220	111	78-118	
Dichlorobromomethane	2000	2220	111	78-118	
cis-1,3-Dichloropropene	2000	2170	108	75-120	
4-Methyl-2-pentanone (MIBK)	2000	1850	92	69-124	
Toluene	2000	2190	110	79-136	
trans-1,3-Dichloropropene	2000	2110	106	73-118	
1,1,2-Trichloroethane	2000	2140	107	77-120	
Tetrachloroethene	2000	2100	105	78-136	
2-Hexanone	2000	1840	92	62-123	
Chlorodibromomethane	2000	2170	109	78-118	
1,2-Dibromoethane	2000	2120	106	76-120	
Chlorobenzene	2000	2120	106	69-124	
Ethylbenzene	2000	2090	104	78-124	
Xylenes, Total	6000	6430	107	78-126	
Styrene	2000	2160	108	73-126	
Bromoform	2000	2150	108	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04281.d
Lab ID: LCS 460-88346/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Isopropylbenzene	2000	2130	106	80-143	
1,1,2,2-Tetrachloroethane	2000	2070	103	86-145	
1,3-Dichlorobenzene	2000	2120	106	83-123	
1,4-Dichlorobenzene	2000	2100	105	84-124	
1,2-Dichlorobenzene	2000	2160	108	83-123	
1,2-Dibromo-3-Chloropropane	2000	1930	97	62-127	
1,2,4-Trichlorobenzene	2000	2140	107	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04294.d
Lab ID: 460-31552-4 MS Client ID: SO-17338-092111-MM-042 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	405	20 U	349	86	41-149	
Chloromethane	405	20 U	303	75	52-144	
Vinyl chloride	405	20 U	381	94	55-154	
Bromomethane	405	20 U	252	62	58-164	
Chloroethane	405	20 U	205	51	66-144	F
Trichlorofluoromethane	405	20 U	289	71	60-148	
1,1-Dichloroethene	405	20 U	367	91	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	405	20 U	354	87	50-128	
Acetone	405	200 U	447	111	48-177	
Carbon disulfide	405	20 U	308	76	70-120	
Methyl acetate	405	40 U	418	103	72-165	
Methylene Chloride	405	20 U	347	86	78-118	
trans-1,2-Dichloroethene	405	20 U	383	95	73-119	
Methyl tert-butyl ether	405	20 U	347	86	65-143	
1,1-Dichloroethane	405	9.8 J	380	92	79-119	
cis-1,2-Dichloroethene	405	20 U	401	99	78-118	
2-Butanone (MEK)	405	200 U	370	91	70-139	
Chloroform	405	20 U	408	101	81-122	
1,1,1-Trichloroethane	405	20 U	416	103	78-118	
Cyclohexane	405	20 U	411	102	69-128	
Carbon tetrachloride	405	20 U	448	111	64-130	
Benzene	405	20 U	390	96	71-118	
1,2-Dichloroethane	405	20 U	444	110	81-121	
Trichloroethene	405	20 U	538	133	82-122	F
Methylcyclohexane	405	6.9 J	457	111	80-134	
1,2-Dichloropropane	405	20 U	431	107	78-118	
Dichlorobromomethane	405	20 U	439	108	78-118	
cis-1,3-Dichloropropene	405	20 U	410	101	75-120	
4-Methyl-2-pentanone (MIBK)	405	200 U	381	94	69-124	
Toluene	405	4.6 J	422	103	79-136	
trans-1,3-Dichloropropene	405	20 U	414	102	73-118	
1,1,2-Trichloroethane	405	20 U	396	98	77-120	
Tetrachloroethene	405	20 U	446	110	78-136	
2-Hexanone	405	200 U	467	115	62-123	
Chlorodibromomethane	405	20 U	411	101	78-118	
1,2-Dibromoethane	405	20 U	418	103	76-120	
Chlorobenzene	405	20 U	417	103	69-124	
Ethylbenzene	405	20 U	424	105	78-124	
Xylenes, Total	1210	61 U	1280	105	78-126	
Styrene	405	20 U	423	104	73-126	
Bromoform	405	20 U	413	102	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04294.d
Lab ID: 460-31552-4 MS Client ID: SO-17338-092111-MM-042 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	405	20 U	442	109	80-143	
1,1,2,2-Tetrachloroethane	405	20 U	294	73	86-145	F
1,3-Dichlorobenzene	405	20 U	432	107	83-123	
1,4-Dichlorobenzene	405	20 U	442	109	84-124	
1,2-Dichlorobenzene	405	20 U	411	102	83-123	
1,2-Dibromo-3-Chloropropane	405	20 U	444	110	62-127	
1,2,4-Trichlorobenzene	405	20 U	473	117	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04029.d
Lab ID: 460-31552-5 MS Client ID: SO-17338-092111-MM-043 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	1700	85 U	1420	84	41-149	
Chloromethane	1700	85 U	1520	90	52-144	
Vinyl chloride	1700	85 U	1450	85	55-154	
Bromomethane	1700	85 U	1040	61	58-164	
Chloroethane	1700	85 U	798	47	66-144	F
Trichlorofluoromethane	1700	85 U	1290	76	60-148	
1,1-Dichloroethene	1700	85 U	1300	76	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	1700	85 U	1360	80	50-128	
Acetone	1700	850 U	1230	72	48-177	
Carbon disulfide	1700	44 J	1360	77	70-120	
Methyl acetate	1700	170 U	1490	87	72-165	
Methylene Chloride	1700	85 U	1430	84	78-118	
trans-1,2-Dichloroethene	1700	85 U	1430	84	73-119	
Methyl tert-butyl ether	1700	85 U	1430	84	65-143	
1,1-Dichloroethane	1700	85 U	1450	85	79-119	
cis-1,2-Dichloroethene	1700	85 U	1510	89	78-118	
2-Butanone (MEK)	1700	850 U	1750	103	70-139	
Chloroform	1700	85 U	1410	83	81-122	
1,1,1-Trichloroethane	1700	85 U	1430	84	78-118	
Cyclohexane	1700	85 U	1540	90	69-128	
Carbon tetrachloride	1700	85 U	1500	88	64-130	
Benzene	1700	85 U	1440	85	71-118	
1,2-Dichloroethane	1700	85 U	1510	89	81-121	
Trichloroethene	1700	85 U	1480	87	82-122	
Methylcyclohexane	1700	85 U	1590	94	80-134	
1,2-Dichloropropane	1700	85 U	1500	88	78-118	
Dichlorobromomethane	1700	85 U	1460	86	78-118	
cis-1,3-Dichloropropene	1700	85 U	1460	86	75-120	
4-Methyl-2-pentanone (MIBK)	1700	850 U	1440	84	69-124	
Toluene	1700	85 U	1430	84	79-136	
trans-1,3-Dichloropropene	1700	85 U	1490	88	73-118	
1,1,2-Trichloroethane	1700	85 U	1520	90	77-120	
Tetrachloroethene	1700	85 U	1520	89	78-136	
2-Hexanone	1700	850 U	1440	85	62-123	
Chlorodibromomethane	1700	85 U	1510	89	78-118	
1,2-Dibromoethane	1700	85 U	1480	87	76-120	
Chlorobenzene	1700	85 U	1490	87	69-124	
Ethylbenzene	1700	85 U	1520	89	78-124	
Xylenes, Total	5110	260 U	4600	90	78-126	
Styrene	1700	85 U	1510	88	73-126	
Bromoform	1700	85 U	1450	85	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04029.d
Lab ID: 460-31552-5 MS Client ID: SO-17338-092111-MM-043 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Isopropylbenzene	1700	85 U	1610	95	80-143	
1,1,2,2-Tetrachloroethane	1700	85 U	1350	79	86-145	F
1,3-Dichlorobenzene	1700	85 U	1410	83	83-123	
1,4-Dichlorobenzene	1700	85 U	1540	90	84-124	
1,2-Dichlorobenzene	1700	85 U	1470	87	83-123	
1,2-Dibromo-3-Chloropropane	1700	85 U	1510	89	62-127	
1,2,4-Trichlorobenzene	1700	85 U	1500	88	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04293.d
Lab ID: 460-31552-4 MSD Client ID: SO-17338-092111-MM-042 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	405	386	95	10	30	41-149	
Chloromethane	405	357	88	16	30	52-144	
Vinyl chloride	405	422	104	10	30	55-154	
Bromomethane	405	283	70	11	30	58-164	
Chloroethane	405	222	55	8	30	66-144	F
Trichlorofluoromethane	405	306	76	6	30	60-148	
1,1-Dichloroethene	405	408	101	10	30	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	405	374	92	6	30	50-128	
Acetone	405	466	115	4	30	48-177	
Carbon disulfide	405	337	83	9	30	70-120	
Methyl acetate	405	419	103	0	30	72-165	
Methylene Chloride	405	400	99	14	30	78-118	
trans-1,2-Dichloroethene	405	419	104	9	30	73-119	
Methyl tert-butyl ether	405	373	92	7	30	65-143	
1,1-Dichloroethane	405	430	104	12	30	79-119	
cis-1,2-Dichloroethene	405	445	110	10	30	78-118	
2-Butanone (MEK)	405	403	100	9	30	70-139	
Chloroform	405	457	113	11	30	81-122	
1,1,1-Trichloroethane	405	459	114	10	30	78-118	
Cyclohexane	405	421	104	2	30	69-128	
Carbon tetrachloride	405	496	122	10	30	64-130	
Benzene	405	431	106	10	30	71-118	
1,2-Dichloroethane	405	478	118	7	30	81-121	
Trichloroethene	405	514	127	5	30	82-122	F
Methylcyclohexane	405	467	114	2	30	80-134	
1,2-Dichloropropane	405	476	118	10	30	78-118	
Dichlorobromomethane	405	476	118	8	30	78-118	
cis-1,3-Dichloropropene	405	447	110	9	30	75-120	
4-Methyl-2-pentanone (MIBK)	405	397	98	4	30	69-124	
Toluene	405	466	114	10	30	79-136	
trans-1,3-Dichloropropene	405	448	111	8	30	73-118	
1,1,2-Trichloroethane	405	426	105	7	30	77-120	
Tetrachloroethene	405	510	126	13	30	78-136	
2-Hexanone	405	452	112	3	30	62-123	
Chlorodibromomethane	405	457	113	11	30	78-118	
1,2-Dibromoethane	405	444	110	6	30	76-120	
Chlorobenzene	405	474	117	13	30	69-124	
Ethylbenzene	405	476	118	11	30	78-124	
Xylenes, Total	1210	1460	120	13	30	78-126	
Styrene	405	462	114	9	30	73-126	
Bromoform	405	450	111	9	30	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04293.d
 Lab ID: 460-31552-4 MSD Client ID: SO-17338-092111-MM-042 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	405	479	118	8	30	80-143	
1,1,2,2-Tetrachloroethane	405	365	90	22	30	86-145	
1,3-Dichlorobenzene	405	448	111	4	30	83-123	
1,4-Dichlorobenzene	405	458	113	3	30	84-124	
1,2-Dichlorobenzene	405	433	107	5	30	83-123	
1,2-Dibromo-3-Chloropropane	405	430	106	3	30	62-127	
1,2,4-Trichlorobenzene	405	503	124	6	30	62-144	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Medium Lab File ID: j04030.d
Lab ID: 460-31552-5 MSD Client ID: SO-17338-092111-MM-043 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Dichlorodifluoromethane	1700	1510	89	6	30	41-149	
Chloromethane	1700	1540	91	1	30	52-144	
Vinyl chloride	1700	1540	91	6	30	55-154	
Bromomethane	1700	1100	65	5	30	58-164	
Chloroethane	1700	856	50	7	30	66-144	F
Trichlorofluoromethane	1700	1390	81	7	30	60-148	
1,1-Dichloroethene	1700	1430	84	9	30	68-138	
1,1,2-Trichloro-1,2,2-trifluor oethane	1700	1480	87	8	30	50-128	
Acetone	1700	1410	83	14	30	48-177	
Carbon disulfide	1700	1510	86	10	30	70-120	
Methyl acetate	1700	1570	92	6	30	72-165	
Methylene Chloride	1700	1510	89	6	30	78-118	
trans-1,2-Dichloroethene	1700	1540	90	7	30	73-119	
Methyl tert-butyl ether	1700	1540	91	8	30	65-143	
1,1-Dichloroethane	1700	1550	91	7	30	79-119	
cis-1,2-Dichloroethene	1700	1640	96	8	30	78-118	
2-Butanone (MEK)	1700	1940	114	10	30	70-139	
Chloroform	1700	1520	89	8	30	81-122	
1,1,1-Trichloroethane	1700	1610	95	12	30	78-118	
Cyclohexane	1700	1690	99	9	30	69-128	
Carbon tetrachloride	1700	1670	98	11	30	64-130	
Benzene	1700	1540	90	7	30	71-118	
1,2-Dichloroethane	1700	1680	99	11	30	81-121	
Trichloroethene	1700	1650	97	10	30	82-122	
Methylcyclohexane	1700	1760	103	10	30	80-134	
1,2-Dichloropropane	1700	1630	96	8	30	78-118	
Dichlorobromomethane	1700	1630	96	11	30	78-118	
cis-1,3-Dichloropropene	1700	1620	95	10	30	75-120	
4-Methyl-2-pentanone (MIBK)	1700	1550	91	8	30	69-124	
Toluene	1700	1560	92	9	30	79-136	
trans-1,3-Dichloropropene	1700	1560	92	4	30	73-118	
1,1,2-Trichloroethane	1700	1580	93	3	30	77-120	
Tetrachloroethene	1700	1650	97	8	30	78-136	
2-Hexanone	1700	1490	88	4	30	62-123	
Chlorodibromomethane	1700	1580	93	4	30	78-118	
1,2-Dibromoethane	1700	1560	92	5	30	76-120	
Chlorobenzene	1700	1580	93	6	30	69-124	
Ethylbenzene	1700	1620	95	7	30	78-124	
Xylenes, Total	5110	4930	97	7	30	78-126	
Styrene	1700	1590	93	5	30	73-126	
Bromoform	1700	1530	90	6	30	76-133	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Medium Lab File ID: j04030.d
 Lab ID: 460-31552-5 MSD Client ID: SO-17338-092111-MM-043 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Isopropylbenzene	1700	1670	98	4	30	80-143	
1,1,2,2-Tetrachloroethane	1700	1480	87	10	30	86-145	
1,3-Dichlorobenzene	1700	1620	95	14	30	83-123	
1,4-Dichlorobenzene	1700	1660	98	8	30	84-124	
1,2-Dichlorobenzene	1700	1650	97	11	30	83-123	
1,2-Dibromo-3-Chloropropane	1700	1770	104	16	30	62-127	
1,2,4-Trichlorobenzene	1700	1940	114	26	30	62-144	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: j04020.d Lab Sample ID: MB 460-87487/4
Matrix: Solid Heated Purge: (Y/N) N
Instrument ID: VOAMS8 Date Analyzed: 09/27/2011 23:01
GC Column: DB-624 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-87487/3	j04018.d	09/27/2011 21:09
SO-17338-092111-MM-043	460-31552-5	j04026.d	09/28/2011 01:27
SO-17338-092111-MM-043 MS	460-31552-5 MS	j04029.d	09/28/2011 02:40
SO-17338-092111-MM-043 MSD	460-31552-5 MSD	j04030.d	09/28/2011 03:04

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: j04285.d Lab Sample ID: MB 460-88346/4
Matrix: Solid Heated Purge: (Y/N) N
Instrument ID: VOAMS8 Date Analyzed: 10/05/2011 06:18
GC Column: DB-624 ID: 0.53 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-88346/3	j04281.d	10/05/2011 04:32
SO-17338-092111-MM-042 MSD	460-31552-4 MSD	j04293.d	10/05/2011 10:36
SO-17338-092111-MM-042 MS	460-31552-4 MS	j04294.d	10/05/2011 11:06
SO-17338-092111-MM-042	460-31552-4	j04296.d	10/05/2011 12:01

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: j03832.d BFB Injection Date: 09/22/2011
Instrument ID: VOAMS8 BFB Injection Time: 01:35
Analysis Batch No.: 87107

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	23.0
75	30.0 - 60.0 % of mass 95	48.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	58.3
175	5.0 - 9.0 % of mass 174	4.3 (7.3) 1
176	95.0 - 101.0 % of mass 174	57.1 (98.0) 1
177	5.0 - 9.0 % of mass 176	3.7 (6.5) 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 460-87107/2	j03834.d	09/22/2011	02:30
	IC 460-87107/3	j03836.d	09/22/2011	03:20
	ICIS 460-87107/4	j03837.d	09/22/2011	03:45
	IC 460-87107/5	j03838.d	09/22/2011	04:10
	IC 460-87107/6	j03839.d	09/22/2011	04:35
	IC 460-87107/7	j03840.d	09/22/2011	05:00

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: j04015.d BFB Injection Date: 09/27/2011
Instrument ID: VOAMS8 BFB Injection Time: 19:55
Analysis Batch No.: 87487

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	22.4
75	30.0 - 60.0 % of mass 95	47.9
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.5
173	Less than 2.0 % of mass 174	0.1 (0.1) 1
174	50.0 - 120.00 % of mass 95	59.9
175	5.0 - 9.0 % of mass 174	4.7 (7.8) 1
176	95.0 - 101.0 % of mass 174	58.9 (98.4) 1
177	5.0 - 9.0 % of mass 176	4.3 (7.2) 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 460-87487/2	j04017.d	09/27/2011	20:43
	LCS 460-87487/3	j04018.d	09/27/2011	21:09
	MB 460-87487/4	j04020.d	09/27/2011	23:01
SO-17338-092111-MM-043	460-31552-5	j04026.d	09/28/2011	01:27
SO-17338-092111-MM-043 MS	460-31552-5 MS	j04029.d	09/28/2011	02:40
SO-17338-092111-MM-043 MSD	460-31552-5 MSD	j04030.d	09/28/2011	03:04
	CCV 460-87487/10	j04032.d	09/28/2011	03:54

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: j04279.d BFB Injection Date: 10/05/2011
Instrument ID: VOAMS8 BFB Injection Time: 03:37
Analysis Batch No.: 88346

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	21.4
75	30.0 - 60.0 % of mass 95	48.1
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	50.0 - 120.00 % of mass 95	57.7
175	5.0 - 9.0 % of mass 174	4.0 (6.9) 1
176	95.0 - 101.0 % of mass 174	58.1 (100.6) 1
177	5.0 - 9.0 % of mass 176	3.4 (5.8) 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 460-88346/2	j04280.d	10/05/2011	04:07
	LCS 460-88346/3	j04281.d	10/05/2011	04:32
	MB 460-88346/4	j04285.d	10/05/2011	06:18
SO-17338-092111-MM-042 MSD	460-31552-4 MSD	j04293.d	10/05/2011	10:36
SO-17338-092111-MM-042 MS	460-31552-4 MS	j04294.d	10/05/2011	11:06
SO-17338-092111-MM-042	460-31552-4	j04296.d	10/05/2011	12:01
	CCV 460-88346/8	j04297.d	10/05/2011	12:37

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVIS 460-87487/2 Date Analyzed: 09/27/2011 20:43
 Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): j04017.d Heated Purge: (Y/N) N
 Calibration ID: 12341

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		743289	7.86	544422	11.31	224506	13.74
UPPER LIMIT		1486578	8.36	1088844	11.81	449012	14.24
LOWER LIMIT		371645	7.36	272211	10.81	112253	13.24
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-87487/3		719430	7.85	522028	11.31	214295	13.74
MB 460-87487/4		799941	7.88	571993	11.33	220257	13.75
460-31552-5	SO-17338-092111-MM-04 3	733390	7.85	563965	11.31	229203	13.74
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	733391	7.86	553569	11.32	251554	13.73
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	717183	7.85	540823	11.31	233138	13.75
CCV 460-87487/10		747930	7.87	567245	11.32	235087	13.74

FB = Fluorobenzene

CBZ = Chlorobenzene-d5

DCB = 1,4-Dichlorobenzene-d4

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

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

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVIS 460-88346/2 Date Analyzed: 10/05/2011 04:07
 Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): j04280.d Heated Purge: (Y/N) N
 Calibration ID: 12341

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		490892	7.83	329683	11.30	136664	13.73
UPPER LIMIT		981784	8.33	659366	11.80	273328	14.23
LOWER LIMIT		245446	7.33	164842	10.80	68332	13.23
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-88346/3		470126	7.85	335537	11.31	141233	13.74
MB 460-88346/4		505704	7.86	360199	11.31	141804	13.73
460-31552-4 MSD	SO-17338-092111-MM-04 2 MSD	451953	7.85	329918	11.30	148765	13.72
460-31552-4 MS	SO-17338-092111-MM-04 2 MS	458666	7.84	334896	11.30	141043	13.73
460-31552-4	SO-17338-092111-MM-04 2	479045	7.85	349425	11.30	150888	13.73
CCV 460-88346/8		475193	7.83	331566	11.29	138969	13.72

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

Area Limit = 50%-200% of internal standard area
 RT Limit = $\pm$ 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
 Matrix: Solid Lab File ID: j04296.d
 Analysis Method: 8260B Date Collected: 09/21/2011 11:05
 Sample wt/vol: 14.12(g) Date Analyzed: 10/05/2011 12:01
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 12.5 Level: (low/med) Medium
 Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	20	U	20	5.7
74-87-3	Chloromethane	20	U	20	4.3
75-01-4	Vinyl chloride	20	U	20	2.4
74-83-9	Bromomethane	20	U	20	6.4
75-00-3	Chloroethane	20	U	20	9.0
75-69-4	Trichlorofluoromethane	20	U	20	3.2
75-35-4	1,1-Dichloroethene	20	U	20	2.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	20	U	20	5.8
67-64-1	Acetone	200	U	200	50
75-15-0	Carbon disulfide	20	U	20	3.0
79-20-9	Methyl acetate	40	U	40	6.6
75-09-2	Methylene Chloride	20	U	20	3.9
156-60-5	trans-1,2-Dichloroethene	20	U	20	2.8
1634-04-4	Methyl tert-butyl ether	20	U	20	3.7
75-34-3	1,1-Dichloroethane	9.8	J	20	2.0
156-59-2	cis-1,2-Dichloroethene	20	U	20	3.9
78-93-3	2-Butanone (MEK)	200	U	200	17
67-66-3	Chloroform	20	U	20	3.1
71-55-6	1,1,1-Trichloroethane	20	U	20	5.0
110-82-7	Cyclohexane	20	U	20	2.5
56-23-5	Carbon tetrachloride	20	U	20	3.6
71-43-2	Benzene	20	U	20	2.4
107-06-2	1,2-Dichloroethane	20	U	20	5.0
79-01-6	Trichloroethene	20	U	20	3.6
108-87-2	Methylcyclohexane	6.9	J	20	1.6
78-87-5	1,2-Dichloropropane	20	U	20	1.8
75-27-4	Dichlorobromomethane	20	U	20	1.8
10061-01-5	cis-1,3-Dichloropropene	20	U	20	2.1
108-10-1	4-Methyl-2-pentanone (MIBK)	200	U	200	14
108-88-3	Toluene	4.6	J	20	1.9
10061-02-6	trans-1,3-Dichloropropene	20	U	20	2.5
79-00-5	1,1,2-Trichloroethane	20	U	20	2.0
127-18-4	Tetrachloroethene	20	U	20	4.0
591-78-6	2-Hexanone	200	U	200	11
124-48-1	Chlorodibromomethane	20	U	20	2.0
106-93-4	1,2-Dibromoethane	20	U	20	1.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
 Matrix: Solid Lab File ID: j04296.d
 Analysis Method: 8260B Date Collected: 09/21/2011 11:05
 Sample wt/vol: 14.12(g) Date Analyzed: 10/05/2011 12:01
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 12.5 Level: (low/med) Medium
 Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	20	U	20	3.3
100-41-4	Ethylbenzene	20	U	20	5.0
1330-20-7	Xylenes, Total	61	U	61	8.8
100-42-5	Styrene	20	U	20	2.8
75-25-2	Bromoform	20	U	20	2.0
98-82-8	Isopropylbenzene	20	U	20	4.3
79-34-5	1,1,2,2-Tetrachloroethane	20	U	20	1.7
541-73-1	1,3-Dichlorobenzene	20	U	20	4.6
106-46-7	1,4-Dichlorobenzene	20	U	20	3.1
95-50-1	1,2-Dichlorobenzene	20	U	20	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	20	U	20	3.1
120-82-1	1,2,4-Trichlorobenzene	20	U	20	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		57-135
460-00-4	4-Bromofluorobenzene	99		50-124
2037-26-5	Toluene-d8 (Surr)	99		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
Matrix: Solid Lab File ID: j04296.d
Analysis Method: 8260B Date Collected: 09/21/2011 11:05
Sample wt/vol: 14.12(g) Date Analyzed: 10/05/2011 12:01
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)
% Moisture: 12.5 Level: (low/med) Medium
Analysis Batch No.: 88346 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04296.d
 Report Date: 05-Oct-2011 15:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04296.d
 Lab Smp Id: 460-31552-C-4-A Client Smp ID: S0-17338-092111-MM-
 Inj Date : 05-OCT-2011 12:01
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31552-C-4-A;50;;14.12;25
 Misc Info : 460-31552-C-4-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
 Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
 Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
 Als bottle: 17
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	14.12000	Weight of sample extracted (g)
M	12.50000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/L) (ug/Kg)
=====	=====	=====	==	=====	=====	=====	=====
29 Hexane	56	5.464	5.442	(0.696)	2310	1.66946	170
30 1,1-Dichloroethane	63	5.682	5.661	(0.724)	3578	0.48578	49(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.452	7.425	(0.949)	166223	48.8934	4900
* 52 Fluorobenzene	96	7.853	7.834	(1.000)	479045	50.0000	
56 Methyl cyclohexane	83	8.526	8.525	(1.086)	927	0.34182	34(a)
\$ 65 Toluene-d8 (SUR)	98	9.710	9.709	(0.859)	368655	49.5321	5000
66 Toluene	91	9.793	9.782	(0.866)	2110	0.22620	23(a)
* 78 Chlorobenzene-d5	117	11.304	11.302	(1.000)	349425	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	12.500	12.497	(0.911)	155432	49.2964	5000
* 108 1,4-Dichlorobenzene-d4	152	13.728	13.731	(1.000)	150888	50.0000	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04296.d
Report Date: 05-Oct-2011 15:13

QC Flag Legend

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

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04296.d
Report Date: 05-Oct-2011 15:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04296.d
Lab Smp Id: 460-31552-C-4-A Client Smp ID: S0-17338-092111-MM-
Inj Date : 05-OCT-2011 12:01
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31552-C-4-A;50;;14.12;25
Misc Info : 460-31552-C-4-A
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
Als bottle: 17
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04296.d

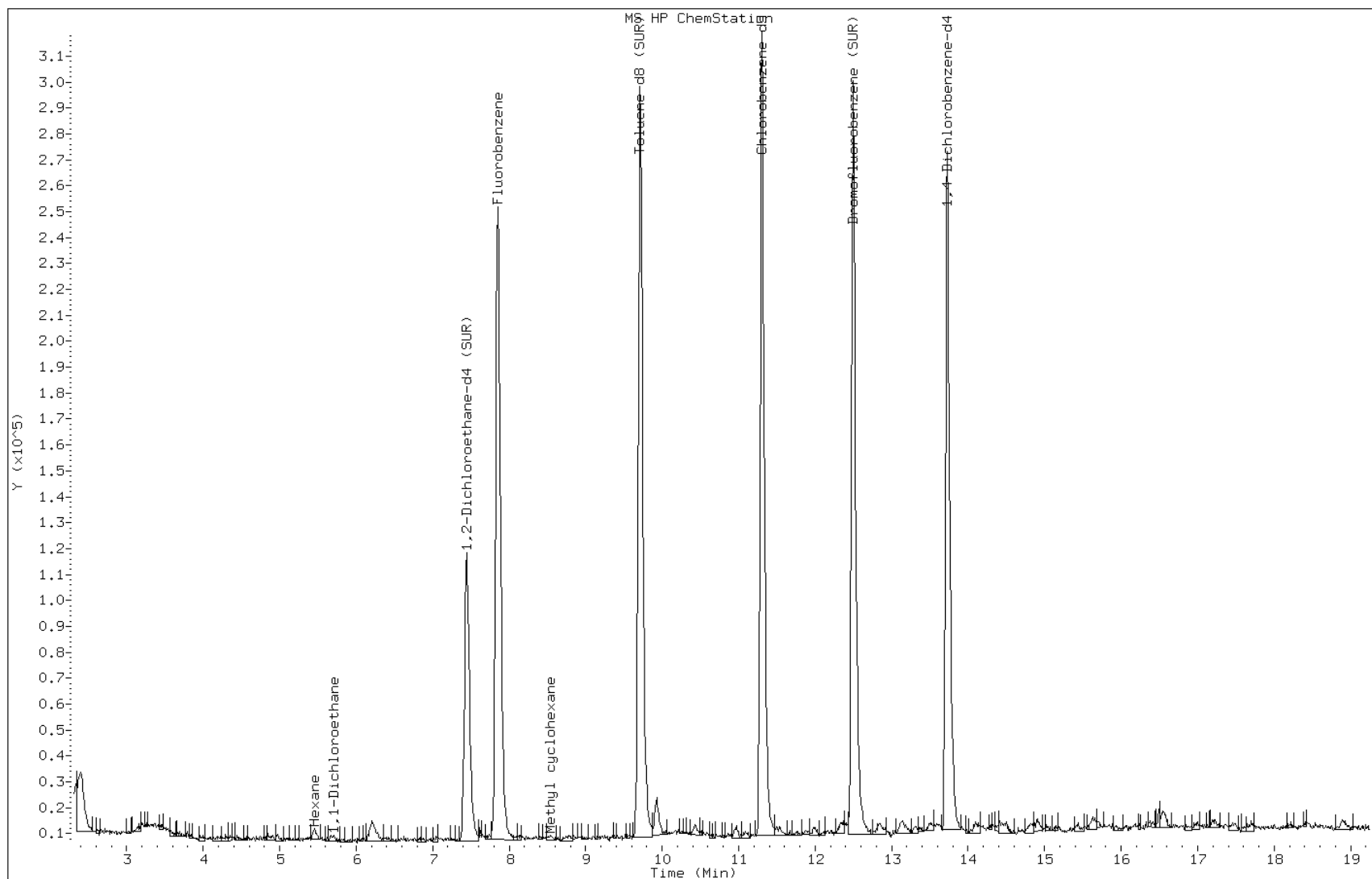
Date: 05-OCT-2011 12:01

Client ID: S0-17338-092111-MM-

Instrument: VOAMS8.i

Sample Info: 460-31552-C-4-A;50;;14.12;25

Operator:



Data File: j04296.d

Date: 05-OCT-2011 12:01

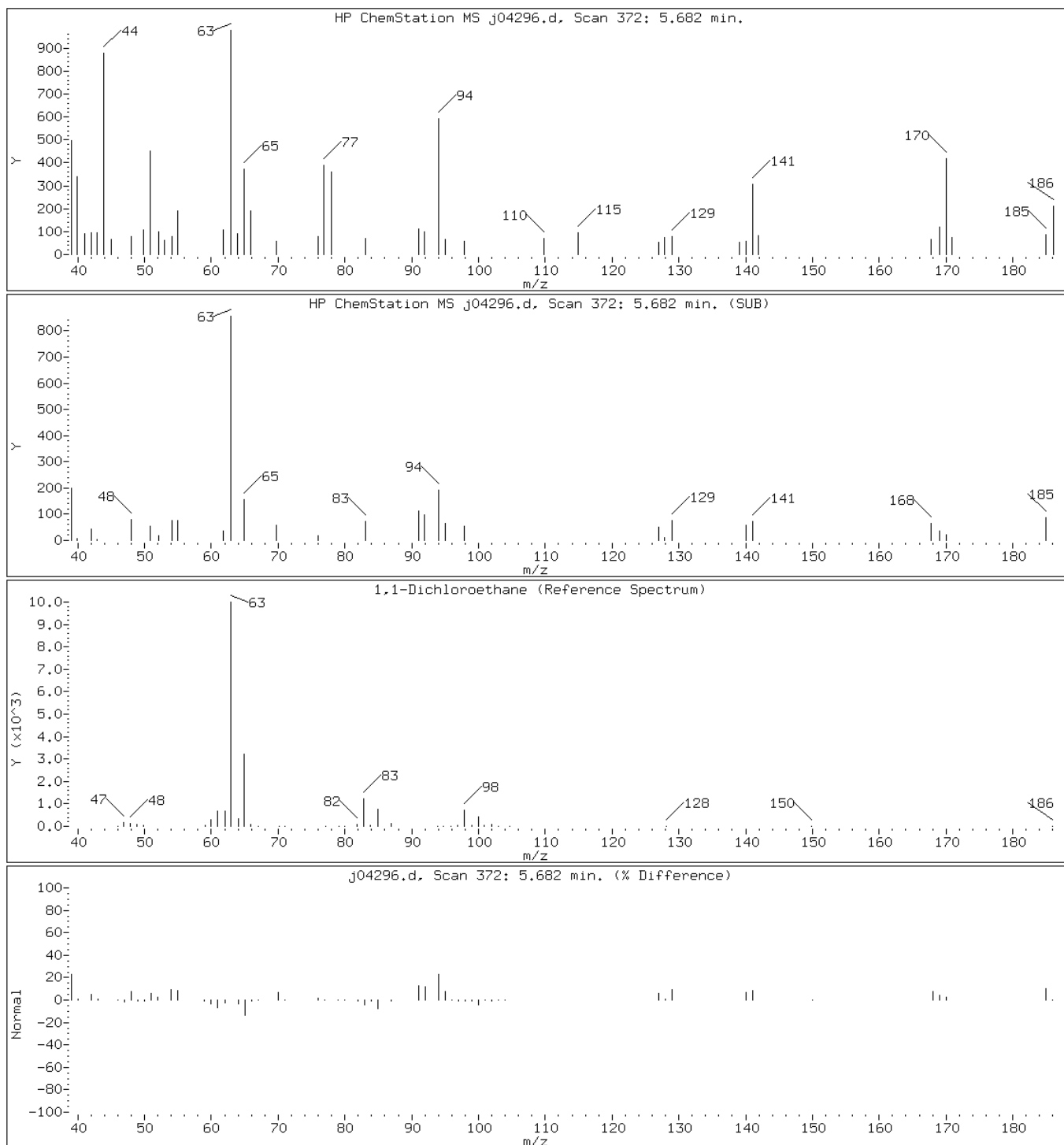
Client ID: S0-17338-092111-MM-

Instrument: VOAMS8.i

Sample Info: 460-31552-C-4-A;50;;14.12;25

Operator:

30 1,1-Dichloroethane



Data File: j04296.d

Date: 05-OCT-2011 12:01

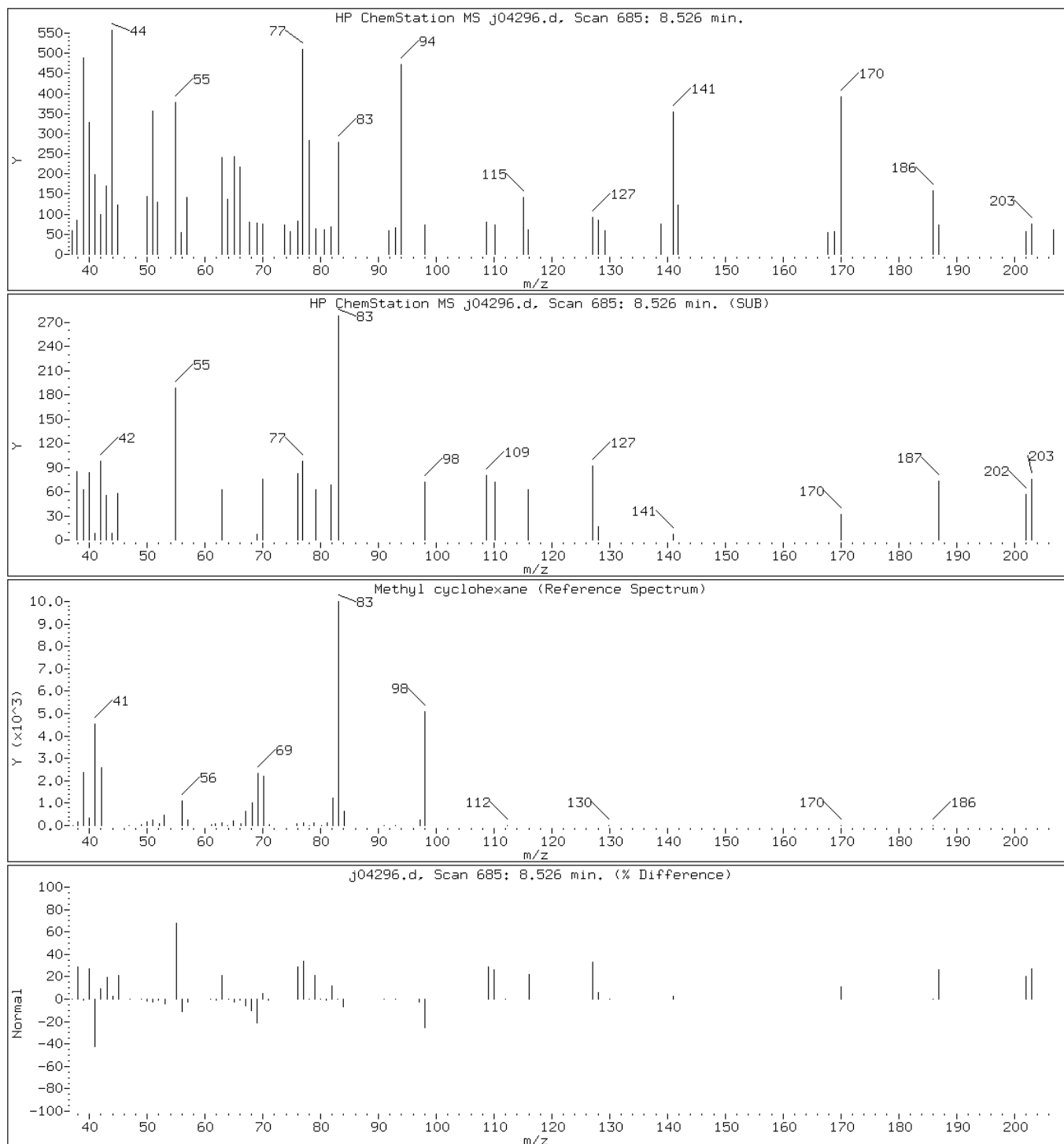
Client ID: S0-17338-092111-MM-

Instrument: VOAMS8.i

Sample Info: 460-31552-C-4-A;50;;14.12;25

Operator:

56 Methyl cyclohexane



Data File: j04296.d

Date: 05-OCT-2011 12:01

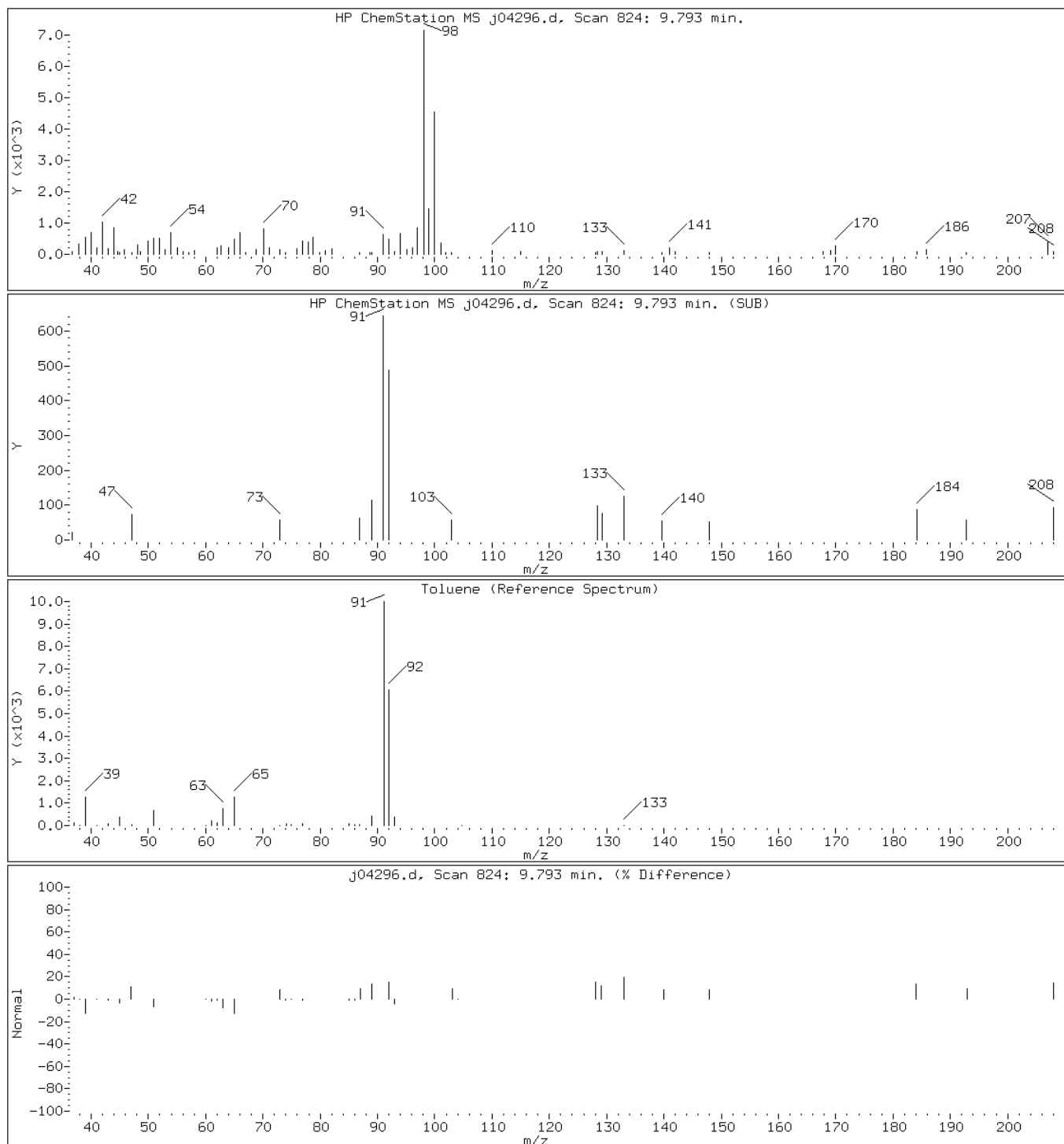
Client ID: S0-17338-092111-MM-

Instrument: VOAMS8.i

Sample Info: 460-31552-C-4-A;50;;14.12;25

Operator:

66 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5

Matrix: Solid Lab File ID: j04026.d

Analysis Method: 8260B Date Collected: 09/21/2011 11:20

Sample wt/vol: 16.95(g) Date Analyzed: 09/28/2011 01:27

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.3 Level: (low/med) Medium

Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	85	U	85	24
74-87-3	Chloromethane	85	U	85	18
75-01-4	Vinyl chloride	85	U	85	10
74-83-9	Bromomethane	85	U	85	27
75-00-3	Chloroethane	85	U	85	38
75-69-4	Trichlorofluoromethane	85	U	85	13
75-35-4	1,1-Dichloroethene	85	U	85	12
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	85	U	85	24
67-64-1	Acetone	850	U	850	210
75-15-0	Carbon disulfide	44	J	85	12
79-20-9	Methyl acetate	170	U	170	28
75-09-2	Methylene Chloride	85	U	85	16
156-60-5	trans-1,2-Dichloroethene	85	U	85	12
1634-04-4	Methyl tert-butyl ether	85	U	85	16
75-34-3	1,1-Dichloroethane	85	U	85	8.5
156-59-2	cis-1,2-Dichloroethene	85	U	85	16
78-93-3	2-Butanone (MEK)	850	U	850	70
67-66-3	Chloroform	85	U	85	13
71-55-6	1,1,1-Trichloroethane	85	U	85	21
110-82-7	Cyclohexane	85	U	85	11
56-23-5	Carbon tetrachloride	85	U	85	15
71-43-2	Benzene	85	U	85	10
107-06-2	1,2-Dichloroethane	85	U	85	21
79-01-6	Trichloroethene	85	U	85	15
108-87-2	Methylcyclohexane	85	U	85	6.8
78-87-5	1,2-Dichloropropane	85	U	85	7.4
75-27-4	Dichlorobromomethane	85	U	85	7.6
10061-01-5	cis-1,3-Dichloropropene	85	U	85	8.7
108-10-1	4-Methyl-2-pentanone (MIBK)	850	U	850	58
108-88-3	Toluene	85	U	85	8.1
10061-02-6	trans-1,3-Dichloropropene	85	U	85	10
79-00-5	1,1,2-Trichloroethane	85	U	85	8.3
127-18-4	Tetrachloroethene	85	U	85	17
591-78-6	2-Hexanone	850	U	850	46
124-48-1	Chlorodibromomethane	85	U	85	8.6
106-93-4	1,2-Dibromoethane	85	U	85	7.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5
 Matrix: Solid Lab File ID: j04026.d
 Analysis Method: 8260B Date Collected: 09/21/2011 11:20
 Sample wt/vol: 16.95(g) Date Analyzed: 09/28/2011 01:27
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 13.3 Level: (low/med) Medium
 Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	85	U	85	14
100-41-4	Ethylbenzene	85	U	85	21
1330-20-7	Xylenes, Total	260	U	260	37
100-42-5	Styrene	85	U	85	12
75-25-2	Bromoform	85	U	85	8.4
98-82-8	Isopropylbenzene	85	U	85	18
79-34-5	1,1,2,2-Tetrachloroethane	85	U	85	7.3
541-73-1	1,3-Dichlorobenzene	85	U	85	19
106-46-7	1,4-Dichlorobenzene	85	U	85	13
95-50-1	1,2-Dichlorobenzene	85	U	85	14
96-12-8	1,2-Dibromo-3-Chloropropane	85	U	85	13
120-82-1	1,2,4-Trichlorobenzene	85	U	85	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		57-135
460-00-4	4-Bromofluorobenzene	112		50-124
2037-26-5	Toluene-d8 (Surr)	103		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5
Matrix: Solid Lab File ID: j04026.d
Analysis Method: 8260B Date Collected: 09/21/2011 11:20
Sample wt/vol: 16.95(g) Date Analyzed: 09/28/2011 01:27
Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: 13.3 Level: (low/med) Medium
Analysis Batch No.: 87487 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04026.d
 Report Date: 28-Sep-2011 17:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04026.d
 Lab Smp Id: 460-31552-B-5-A Client Smp ID: S0-17338-092111-MM-
 Inj Date : 28-SEP-2011 01:27
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31552-B-5-A;50;;16.95;25
 Misc Info : 460-31552-B-5-A
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
 Meth Date : 27-Sep-2011 21:24 eddie Quant Type: ISTD
 Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
 Als bottle: 12
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	16.95000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
18 Carbon Disulfide		76	4.587	4.597	(0.584)	7799	0.52166	38(a)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	7.452	7.450	(0.949)	283991	53.3598	3900
* 52 Fluorobenzene		96	7.853	7.857	(1.000)	733390	50.0000	
\$ 65 Toluene-d8 (SUR)		98	9.720	9.719	(0.859)	623768	51.5985	3800
* 78 Chlorobenzene-d5		117	11.312	11.314	(1.000)	563965	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	12.506	12.505	(0.911)	265036	55.8737	4100
* 108 1,4-Dichlorobenzene-d4		152	13.735	13.736	(1.000)	229203	50.0000	

QC Flag Legend

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

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04026.d
Report Date: 28-Sep-2011 17:15

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04026.d
Lab Smp Id: 460-31552-B-5-A Client Smp ID: S0-17338-092111-MM-
Inj Date : 28-SEP-2011 01:27
Operator : Inst ID: VOAMS8.i
Smp Info : 460-31552-B-5-A;50;;16.95;25
Misc Info : 460-31552-B-5-A
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
Meth Date : 27-Sep-2011 21:24 eddie Quant Type: ISTD
Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
Als bottle: 12
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04026.d

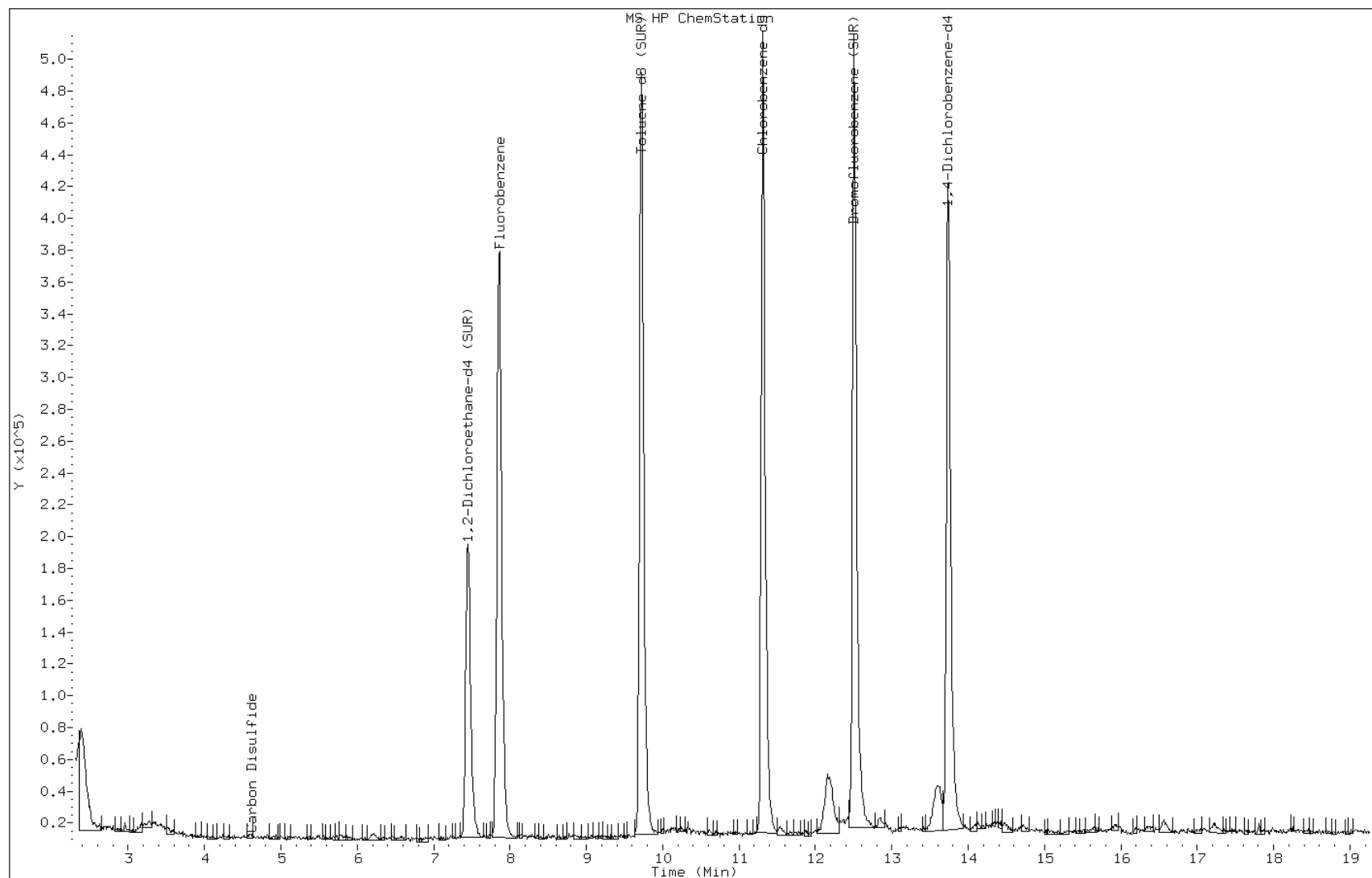
Date: 28-SEP-2011 01:27

Client ID: S0-17338-092111-MM-

Instrument: VOAMS8.i

Sample Info: 460-31552-B-5-A;50;;16.95;25

Operator:



Data File: j04026.d

Date: 28-SEP-2011 01:27

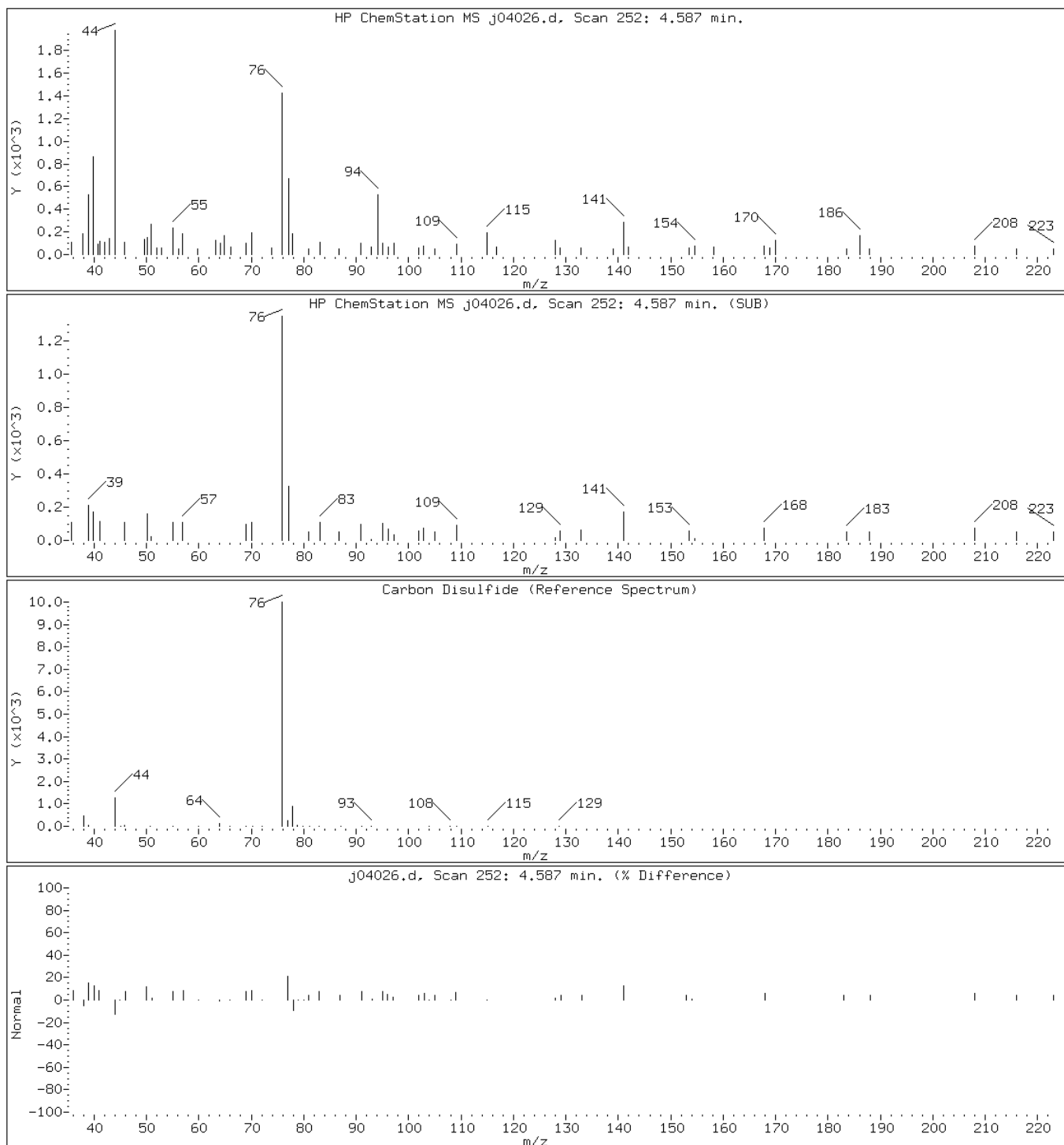
Client ID: S0-17338-092111-MM-

Instrument: VOAMS8.i

Sample Info: 460-31552-B-5-A;50;;16.95;25

Operator:

18 Carbon Disulfide



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87107/2	j03834.d
Level 2	IC 460-87107/3	j03836.d
Level 3	ICIS 460-87107/4	j03837.d
Level 4	IC 460-87107/5	j03838.d
Level 5	IC 460-87107/6	j03839.d
Level 6	IC 460-87107/7	j03840.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	0.4193 0.6975	0.6015	0.5825	0.5270	0.6063	QuaF		1.7782	-0.049						0.9999		0.9900
Chloromethane	0.3402 0.5131	0.3857	0.3925	0.3760	0.4519	QuaF		2.3891	-0.086						0.9998		0.9900
Vinyl chloride	0.3494 0.5171	0.3621	0.3893	0.3811	0.4686	QuaF		2.2876	-0.069						0.9998		0.9900
Bromomethane	0.3968 0.4253	0.3789	0.3825	0.3491	0.4082	Ave		0.3901			0.1000	6.8		30.0			
Chloroethane	0.2212 0.2583	0.2374	0.2419	0.2270	0.2523	Ave		0.2397			0.1000	6.0		30.0			
Trichlorofluoromethane	0.6043 0.8948	0.7594	0.8085	0.7380	0.8077	Ave		0.7688			0.1000	12.6		30.0			
Ethyl ether	0.2586 0.2871	0.2663	0.2855	0.2697	0.2890	Ave		0.2760			0.1000	4.6		30.0			
1,1-Dichloroethene	0.3183 0.3826	0.3659	0.3668	0.3494	0.3775	Ave		0.3601			0.1000	6.5		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.4895 0.6877	0.6525	0.6630	0.5382	0.6508	Ave		0.6136			0.1000	13.0		30.0			
Acetone	0.0250 0.0230	0.0213	0.0254	0.0241	0.0226	Ave		0.0236		*	0.1000	6.7		30.0			
Iodomethane	0.9182 1.0003	1.0215	0.9795	0.8920	1.0469	Ave		0.9764			0.1000	6.2		30.0			
Carbon disulfide	0.9654 1.1636	1.1000	1.1330	1.0474	1.2000	Ave		1.1016			0.1000	7.7		30.0			
Methyl acetate	0.1292 0.0787	0.0878	0.0775	0.0736	0.0804	LinF		0.0789							0.9998		0.9900
Methylene Chloride	0.4346 0.4511	0.4765	0.4320	0.4303	0.4607	Ave		0.4475			0.1000	4.2		30.0			
2-Methyl-2-propanol	0.0323 ++++	0.0292	0.0298	0.0279	0.0305	Ave		0.0299		*	0.1000	5.5		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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								
Methyl tert-butyl ether	1.1157 0.9937	1.0761	1.0213	0.9450	1.0040	Ave		1.0260			0.1000	6.0		30.0			
Acrylonitrile	0.1040 0.1070	0.0826	0.0875	0.0863	0.0964	Ave		0.0940		*	0.1000	10.7		30.0			
trans-1,2-Dichloroethene	0.3442 0.4310	0.4353	0.4209	0.4064	0.4303	Ave		0.4114			0.1000	8.4		30.0			
Hexane	0.1131 0.1444	0.1548	0.1442	0.1014	0.1329	LinF		0.1427							0.9977		0.9900
1,1-Dichloroethane	0.8442 0.8003	0.8775	0.8640	0.8187	0.8541	Ave		0.8431			0.1000	3.4		30.0			
Isopropyl ether	2.1841 1.6112	2.1004	2.0173	1.7843	1.8714	Ave		1.9281			0.1000	11.1		30.0			
Vinyl acetate	1.8624 1.1536	1.5275	1.3371	1.1878	1.2314	LinF		1.1654							0.9991		0.9900
Tert-butyl ethyl ether	1.5318 1.3533	1.5120	1.5089	1.3414	1.4721	Ave		1.4532			0.1000	5.8		30.0			
cis-1,2-Dichloroethene	0.4279 0.4569	0.4449	0.4618	0.4248	0.4600	Ave		0.4460			0.1000	3.7		30.0			
2-Butanone (MEK)	0.0308 0.0338	0.0278	0.0315	0.0320	0.0336	Ave		0.0316		*	0.1000	7.0		30.0			
2,2-Dichloropropane	0.6583 0.6188	0.7085	0.6677	0.5970	0.6290	Ave		0.6466			0.1000	6.2		30.0			
Ethyl acetate	0.0404 0.0428	0.0378	0.0472	0.0399	0.0421	Ave		0.0417		*	0.1000	7.8		30.0			
Chlorobromomethane	0.2864 0.2848	0.2969	0.2726	0.2754	0.2841	Ave		0.2833			0.1000	3.1		30.0			
Tetrahydrofuran	0.1282 0.0944	0.1217	0.1056	0.0920	0.0973	Ave		0.1065			0.1000	14.2		30.0			
Chloroform	0.8621 0.8651	0.9850	0.9145	0.8791	0.9233	Ave		0.9049			0.1000	5.2		30.0			
1,1,1-Trichloroethane	0.5609 0.6747	0.7195	0.6825	0.6689	0.6897	Ave		0.6660			0.1000	8.2		30.0			
Cyclohexane	0.4137 0.4099	0.4626	0.4165	0.3327	0.3965	Ave		0.4053			0.1000	10.4		30.0			
1,1-Dichloropropene	0.5340 0.5753	0.6546	0.6327	0.5970	0.6249	Ave		0.6031			0.1000	7.3		30.0			
Carbon tetrachloride	0.5307 0.6229	0.6199	0.6260	0.5821	0.6393	Ave		0.6035			0.1000	6.7		30.0			
Benzene	1.6309 1.4112	1.5647	1.6073	1.6103	1.6250	Ave		1.5749			0.1000	5.3		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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								
Isopropyl acetate	1.4933 0.9227	1.2881	1.2273	1.1227	1.1291	LinF		0.9587							0.9911		0.9900
1,2-Dichloroethane	0.4796 0.4750	0.5660	0.5342	0.4985	0.5104	Ave		0.5106			0.1000	6.8		30.0			
Tert-amyl methyl ether	1.2100 1.0279	1.2214	1.1795	1.0643	1.1272	Ave		1.1384			0.1000	7.0		30.0			
Trichloroethene	0.4203 0.4510	0.4823	0.4729	0.4556	0.4687	Ave		0.4585			0.1000	4.8		30.0			
Ethyl acrylate	0.7086 0.5162	0.5674	0.5372	0.4951	0.5392	Ave		0.5606			0.1000	13.6		30.0			
Methylcyclohexane	0.2096 0.2636	0.2797	0.2737	0.2036	0.2586	Ave		0.2481			0.1000	13.3		30.0			
1,2-Dichloropropane	0.4955 0.4823	0.5561	0.5272	0.4905	0.5069	Ave		0.5098			0.1000	5.4		30.0			
Methyl methacrylate	0.1312 0.0934	0.1004	0.1038	0.0936	0.0986	Ave		0.1035			0.1000	13.7		30.0			
Dibromomethane	0.4750 0.3982	0.4452	0.4431	0.4118	0.4205	Ave		0.4323			0.1000	6.4		30.0			
Dichlorobromomethane	0.8918 0.8121	0.9437	0.9140	0.8569	0.8956	Ave		0.8857			0.1000	5.2		30.0			
2-Chloroethyl vinyl ether	0.2594 0.2555	0.2501	0.2294	0.2308	0.2786	Ave		0.2506			0.1000	7.4		30.0			
Epichlorohydrin	0.0542 0.0508	0.0509	0.0548	0.0527	0.0545	Ave		0.0530		*	0.1000	3.4		30.0			
cis-1,3-Dichloropropene	1.1168 0.9785	1.0186	1.0646	1.0433	1.0844	Ave		1.0510			0.1000	4.7		30.0			
4-Methyl-2-pentanone (MIBK)	0.6040 0.5960	0.5609	0.5908	0.5808	0.6379	Ave		0.5951			0.1000	4.3		30.0			
Toluene	1.6598 1.3947	1.6128	1.5689	1.5794	1.5650	Ave		1.5634			0.1000	5.8		30.0			
trans-1,3-Dichloropropene	0.9812 0.8304	0.8492	0.8608	0.8582	0.9033	Ave		0.8805			0.1000	6.2		30.0			
1,1,2-Trichloroethane	0.4969 0.4767	0.5071	0.5160	0.5149	0.5204	Ave		0.5053			0.1000	3.2		30.0			
Tetrachloroethene	0.4287 0.5500	0.4926	0.5500	0.5107	0.5433	Ave		0.5125			0.1000	9.2		30.0			
1,3-Dichloropropane	0.8970 0.8713	0.8925	0.9666	0.9293	0.9450	Ave		0.9170			0.1000	3.9		30.0			
2-Hexanone	0.3620 0.3407	0.3344	0.3474	0.3471	0.3629	Ave		0.3491			0.1000	3.3		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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-Butyl acetate	0.1359 0.1683	0.1688	0.1675	0.1735	0.1742	Ave		0.1647			0.1000	8.7		30.0			
Chlorodibromomethane	0.8660 0.8945	0.8569	0.9341	0.9133	0.9847	Ave		0.9082			0.1000	5.2		30.0			
1,2-Dibromoethane	0.7321 0.7798	0.7809	0.7833	0.8137	0.8425	Ave		0.7887			0.1000	4.7		30.0			
Chlorobenzene	0.9333 1.0097	1.0281	1.0958	1.0577	1.1410	Ave		1.0443			0.1000	6.9		30.0			
1,1,1,2-Tetrachloroethane	0.5157 0.6271	0.5972	0.6106	0.5956	0.6309	Ave		0.5962			0.1000	7.1		30.0			
Ethylbenzene	0.3678 0.3956	0.4183	0.4197	0.4066	0.4306	Ave		0.4064			0.1000	5.5		30.0			
m-Xylene & p-Xylene	0.4801 0.4978	0.5301	0.5512	0.5477	0.5611	Ave		0.5280			0.1000	6.1		30.0			
n-Butyl acrylate	0.3893 0.5092	0.4450	0.4563	0.4667	0.5087	Ave		0.4626			0.1000	9.7		30.0			
o-Xylene	0.4651 0.5029	0.5129	0.5382	0.5250	0.5691	Ave		0.5189			0.1000	6.7		30.0			
Styrene	0.9565 0.9202	0.9498	1.0045	0.9782	1.0694	Ave		0.9798			0.1000	5.3		30.0			
Bromoform	0.4704 0.6389	0.5476	0.5897	0.6069	0.6440	Ave		0.5829			0.1000	11.2		30.0			
Isopropylbenzene	1.0553 1.1505	1.1842	1.3510	1.2149	1.2770	Ave		1.2055			0.1000	8.5		30.0			
Camphene	0.3931 0.3663	0.3611	0.3556	0.2560	0.3459	Ave		0.3463			0.1000	13.6		30.0			
1,1,2,2-Tetrachloroethane	2.1087 1.7127	2.2920	1.9808	1.9270	1.8693	Ave		1.9818			0.1000	10.1		30.0			
Bromobenzene	1.1855 1.0890	1.3120	1.2530	1.1591	1.1853	Ave		1.1973			0.1000	6.4		30.0			
trans-1,4-Dichloro-2-butene	0.4165 0.3095	0.3472	0.3645	0.3423	0.3708	Ave		0.3585			0.1000	9.9		30.0			
1,2,3-Trichloropropane	0.5301 0.3825	0.4888	0.4667	0.4343	0.4200	Ave		0.4537			0.1000	11.6		30.0			
N-Propylbenzene	2.8221 2.4571	3.6972	3.2263	3.2686	2.9438	Ave		3.0692			0.1000	13.9		30.0			
2-Chlorotoluene	2.6572 2.4065	2.2652	3.0818	2.6460	2.7039	Ave		2.6268			0.1000	10.7		30.0			
1,3,5-Trimethylbenzene	2.1029 1.8549	2.5005	2.2542	2.0801	2.0535	Ave		2.1410			0.1000	10.2		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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								
Butyl Methacrylate	1.6930 1.7414	1.9476	1.8772	1.7942	1.8328	Ave		1.8144			0.1000	5.1		30.0			
4-Chlorotoluene	2.8624 2.5216	3.2382	2.9569	2.9352	2.7318	Ave		2.8743			0.1000	8.3		30.0			
tert-Butylbenzene	1.8605 1.9382	2.2571	2.1232	1.9831	2.0009	Ave		2.0272			0.1000	7.0		30.0			
1,2,4-Trimethylbenzene	2.1845 2.0836	2.4843	2.3564	2.1706	2.1386	Ave		2.2363			0.1000	6.8		30.0			
sec-Butylbenzene	2.1783 2.3407	3.0443	2.8494	2.6047	2.5926	Ave		2.6017			0.1000	12.2		30.0			
4-Isopropyltoluene	1.7866 2.0328	2.3431	2.1403	2.0791	1.9970	Ave		2.0631			0.1000	8.8		30.0			
1,3-Dichlorobenzene	1.2742 1.3828	1.5229	1.3955	1.3236	1.4489	Ave		1.3913			0.1000	6.3		30.0			
1,4-Dichlorobenzene	1.4071 1.7366	1.9333	1.8659	1.8497	1.8565	Ave		1.7749			0.1000	10.8		30.0			
Benzyl chloride	1.7829 1.8704	1.9937	1.9047	1.8646	1.9347	Ave		1.8918			0.1000	3.8		30.0			
n-Butylbenzene	1.5323 2.0281	2.0510	2.1264	1.9635	2.0374	Ave		1.9564			0.1000	10.9		30.0			
1,2-Dichlorobenzene	1.3771 1.5175	1.6183	1.5760	1.5443	1.5193	Ave		1.5254			0.1000	5.4		30.0			
1,2-Dibromo-3-Chloropropane	0.4836 0.3815	0.3527	0.3210	0.3358	0.3659	LinF		0.3791							0.9995		0.9900
1,2,4-Trichlorobenzene	0.3949 0.8314	0.4604	0.5735	0.6618	0.7903	QuaF		1.3302	-0.015						0.9998		0.9900
Hexachlorobutadiene	0.4447 0.5791	0.6047	0.5917	0.5843	0.5952	Ave		0.5666			0.1000	10.7		30.0			
Naphthalene	0.7461 1.3678	0.7103	0.9056	1.0479	1.3386	QuaF		0.7791	-0.004						0.9996		0.9900
1,2,3-Trichlorobenzene	0.2851 0.5553	0.3454	0.4321	0.4956	0.5406	LinF		0.5528							0.9996		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3890 0.3715	0.3770	0.4111	0.3887	0.3793	Ave		0.3861			0.1000	3.6		30.0			
Toluene-d8 (Surr)	1.1105 1.1972	1.0373	1.1964	1.1371	1.2585	Ave		1.1562			0.1000	6.7		30.0			
4-Bromofluorobenzene	1.0648 1.0026	1.0905	1.1257	1.0379	1.0809	Ave		1.0671			0.1000	4.0		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87107/2	j03834.d
Level 2	IC 460-87107/3	j03836.d
Level 3	ICIS 460-87107/4	j03837.d
Level 4	IC 460-87107/5	j03838.d
Level 5	IC 460-87107/6	j03839.d
Level 6	IC 460-87107/7	j03840.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	QuaF	15960 9200447	105359	383883	905181	3574362	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	QuaF	12950 6768233	67561	258686	645790	2664164	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	QuaF	13301 6820628	63434	256584	654454	2762800	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	15103 5610185	66376	252078	599498	2406446	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	8419 3407159	41580	159429	389920	1487575	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	23003 11803101	133025	532804	1267440	4761746	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	9845 3786430	46647	188166	463199	1703719	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethene	FB	Ave	12115 5046112	64093	241692	600023	2225522	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	18633 9070246	114300	436936	924305	3836695	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	9523 304009	11181	16756	41389	133158	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	34952 13194573	178931	645481	1531999	6171936	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	36748 15347618	192687	746684	1798869	7074348	1.00 500	5.00	20.0	50.0	200
Methyl acetate	FB	LinF	4918 1037928	15379	51050	126406	474162	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	16542 5949851	83468	284711	739116	2716065	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	24607 +++++	102398	393298	957020	3592527	20.0 +++++	100	400	1000	4000
Methyl tert-butyl ether	FB	Ave	42467 13107600	188495	673078	1623066	5918824	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.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Acrylonitrile	FB	Ave	7916 564293	28943	57663	148296	284310	2.00 200	10.0	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	13102 5684564	76246	277402	698012	2536937	1.00 500	5.00	20.0	50.0	200
Hexane	FB	LinF	4304 1905060	27114	95008	174085	783462	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	32132 10556609	153713	569389	1406042	5035119	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	83137 21252556	367903	1329393	3064577	11032589	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	70889 15215566	267558	881187	2039953	7259921	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	58305 17849919	264852	994361	2303809	8678701	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	16289 6026371	77935	304300	729538	2711919	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	11727 446353	14600	20763	54992	198000	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	25056 8162742	124109	440048	1025343	3708347	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	3073 1129396	13236	62226	136897	495850	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	10900 3756393	52000	179621	472983	1675086	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	4880 1245591	21312	69559	157981	573908	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	32817 11411462	172531	602670	1509803	5443415	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	21350 8900016	126028	449796	1148794	4066021	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	15747 5406193	81024	274450	571371	2337855	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	20328 7587663	114665	416949	1025378	3684295	1.00 500	5.00	20.0	50.0	200
Carbon tetrachloride	FB	Ave	20200 8215596	108582	412544	999675	3768967	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	45012 12830150	210449	770758	1909594	6566844	1.00 500	5.00	20.0	50.0	200
Isopropyl acetate	FB	LinF	113685 24342074	451238	1617634	3856521	13312788	2.00 1000	10.0	40.0	100	400
1,2-Dichloroethane	FB	Ave	18255 6265194	99141	352051	856125	3008768	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.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Tert-amyl methyl ether	FB	Ave	46057 13558490	213936	777298	1827935	6645606	1.00 500	5.00	20.0	50.0	200
Trichloroethene	FB	Ave	16000 5948625	84474	311675	782471	2762993	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	26974 6809154	99383	354008	850319	3178720	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	7978 3477370	48996	180353	349622	1524321	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	18861 6362283	97413	347407	842512	2988452	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	4994 1232115	17590	68433	160672	581517	1.00 500	5.00	20.0	50.0	200
Dibromomethane	FB	Ave	18082 5252834	77989	291995	707279	2479096	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	33944 10711443	165308	602321	1471755	5280142	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	Ave	9873 3369658	43816	151201	396440	1642294	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	29910 9231198	137008	525974	1250516	4401100	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	30822 8895744	137001	510524	1237217	4382317	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	166703 5418320	226304	283331	688796	2577675	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	45809 12679698	216911	752340	1872886	6324406	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	27081 7549360	114210	412815	1017694	3650197	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	13713 4333790	68198	247423	610633	2102812	1.00 500	5.00	20.0	50.0	200
Tetrachloroethene	CBZ	Ave	11831 4999906	66254	263737	605647	2195342	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	24757 7921759	120041	463515	1102045	3818950	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	99907 3097120	134942	166616	411630	1466511	10.0 500	15.0	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	7501 3060622	45408	160656	411588	1408142	2.00 1000	10.0	40.0	100	400
Chlorodibromomethane	CBZ	Ave	23900 8131983	115254	447930	1083011	3979248	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	20204 7089894	105029	375637	964876	3404694	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.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
Chlorobenzene	CBZ	Ave	25757 9179998	138268	525460	1254289	4610877	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	14234 5701164	80323	292805	706255	2549569	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	10151 3596637	56263	201274	482153	1739933	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	26501 9052206	142589	528661	1299085	4535105	2.00 1000	10.0	40.0	100	400
n-Butyl acrylate	CBZ	Ave	10744 4629670	59849	218821	553474	2055880	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	12835 4572267	68985	258099	622559	2299697	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	26398 8366380	127739	481679	1160054	4321534	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	12983 5808832	73653	282794	719726	2602510	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	29125 10460177	159273	647841	1440728	5160607	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	Ave	10848 3330239	48565	170502	303538	1397760	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	22563 7579842	116284	408797	1014181	3528097	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	12685 4819774	66561	258591	610052	2237063	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	4457 1369967	17615	75223	180150	699916	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	5672 1692998	24798	96317	228570	792652	1.00 500	5.00	20.0	50.0	200
N-Propylbenzene	DCB	Ave	30196 10874525	187575	665836	1720273	5556037	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	28432 10650215	114923	636012	1392583	5103126	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	22501 8209117	126863	465200	1094746	3875726	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	18115 7706811	98811	387402	944312	3459087	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	30628 11159737	164287	610223	1544800	5155864	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	19907 8577687	114511	438175	1043728	3776396	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	23374 9221328	126040	486307	1142399	4036249	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.: 460-31552-1 Analy Batch No.: 87107

SDG No.: _____

Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2011 02:30 Calibration End Date: 09/22/2011 05:00 Calibration ID: 12341

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
sec-Butylbenzene	DCB	Ave	23308 10359351	154452	588047	1370849	4893128	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	19116 8996334	118873	441714	1094219	3769068	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	13634 6119630	77265	287992	696643	2734606	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	15056 7685834	98086	385073	973526	3503954	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	19077 8277819	101148	393086	981335	3651508	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	16396 8975541	104055	438840	1033384	3845233	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	14735 6715796	82102	325248	812794	2867468	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	LinF	5174 1688558	17895	66244	176721	690534	1.00 500	5.00	20.0	50.0	200
1,2,4-Trichlorobenzene	DCB	QuaF	4225 3679457	23357	118366	348293	1491639	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	4758 2563054	30679	122109	307517	1123392	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	QuaF	7983 6053480	36035	186888	551516	2526477	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	3051 2457800	17523	89175	260841	1020341	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane-d4 (Surr)	FB	Ave	740440 490026	660301	677344	667612	559071	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1532389 1088434	1395160	1434275	1348473	1271412	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	569668 443737	553256	580766	546236	510029	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero
QuaF = Quadratic ISTD forced zero

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Report Date: 26-Sep-2011 12:49

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 22-SEP-2011 02:30
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 24-Sep-2011 00:57 ken Quant Type: ISTD
 Cal Date : 22-SEP-2011 02:30 Cal File: j03834.d
 Als bottle: 2 Calibration Sample, Level: 1
 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.602	2.562 (0.332)		15960	1.00000	1.0
3 Chloromethane	50	2.737	2.737 (0.349)		12950	1.00000	1.0
4 Vinyl Chloride	62	2.909	2.929 (0.371)		13301	1.00000	1.0
6 Bromomethane	94	3.305	3.297 (0.421)		15103	1.00000	1.0
5 Chloroethane	64	3.405	3.407 (0.434)		8419	1.00000	1.0
7 Trichlorofluoromethane	101	3.750	3.718 (0.478)		23003	1.00000	1.0
11 Ethyl Ether	59	3.994	4.011 (0.509)		9845	1.00000	1.0
15 1,1-Dichloroethene	96	4.305	4.312 (0.549)		12115	1.00000	1.0
14 Freon TF	101	4.333	4.322 (0.552)		18633	1.00000	1.0
16 Acetone	58	4.351	4.358 (0.554)		9523	10.0000	10
17 Iodomethane	142	4.516	4.515 (0.576)		34952	1.00000	1.0
18 Carbon Disulfide	76	4.598	4.598 (0.586)		36748	1.00000	1.0
27 Methyl Acetate	74	4.698	4.708 (0.599)		4918	1.00000	1.0
22 Methylene Chloride	84	4.862	4.868 (0.620)		16542	1.00000	1.0
24 TBA	59	4.954	4.951 (0.631)		24607	20.0000	20
25 trans-1,2-Dichloroethene	96	5.181	5.181 (0.660)		13102	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03834.d
 Report Date: 26-Sep-2011 12:49

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.172	5.153	(0.659)	7916	2.00000	2.0
28 MTBE	73	5.135	5.153	(0.654)	42467	1.00000	1.0
29 Hexane	56	5.461	5.446	(0.696)	4304	1.00000	1.0
30 1,1-Dichloroethane	63	5.671	5.676	(0.723)	32132	1.00000	1.0
31 Vinyl Acetate	43	5.708	5.694	(0.727)	70889	1.00000	1.0(M)
32 DIPE	45	5.708	5.694	(0.727)	83137	1.00000	1.0
35 t-Butyl-ethyl-ether	59	6.140	6.149	(0.782)	58305	1.00000	1.0
37 2,2-Dichloropropane	77	6.396	6.390	(0.815)	25056	1.00000	1.0
36 cis-1,2-Dichloroethene	96	6.396	6.382	(0.815)	16289	1.00000	1.0
38 2-Butanone	72	6.396	6.373	(0.815)	11727	10.0000	10
39 Ethyl Acetate	70	6.414	6.425	(0.817)	3073	2.00000	2.0
40 Bromochloromethane	128	6.691	6.693	(0.853)	10900	1.00000	1.0
41 Tetrahydrofuran	42	6.773	6.749	(0.863)	4880	1.00000	1.0(M)
42 Chloroform	83	6.755	6.767	(0.861)	32817	1.00000	1.0
43 1,1,1-Trichloroethane	97	7.019	7.031	(0.894)	21350	1.00000	1.0
44 Cyclohexane	56	7.092	7.096	(0.904)	15747	1.00000	1.0
45 Carbon Tetrachloride	117	7.249	7.243	(0.924)	20200	1.00000	1.0
46 1,1-Dichloropropene	75	7.239	7.234	(0.923)	20328	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.435	7.434	(0.947)	740440	50.0000	50
48 Benzene	78	7.518	7.517	(0.665)	45012	1.00000	1.0
49 1,2-Dichloroethane	62	7.554	7.535	(0.963)	18255	1.00000	1.0
50 t-Amyl-methyl-ether	73	7.610	7.600	(0.970)	46057	1.00000	1.0
61 Isopropyl Acetate	43	7.527	7.526	(0.959)	113685	2.00000	2.0
* 52 Fluorobenzene	96	7.847	7.848	(1.000)	1903211	50.0000	
54 Trichloroethene	95	8.300	8.292	(1.058)	16000	1.00000	1.0
56 Methyl cyclohexane	83	8.529	8.531	(1.087)	7978	1.00000	1.0
55 Ethyl Acrylate	55	8.383	8.375	(1.068)	26974	1.00000	1.0
57 1,2-Dichloropropane	63	8.593	8.577	(1.095)	18861	1.00000	1.0
58 Dibromomethane	93	8.739	8.732	(1.114)	18082	1.00000	1.0
59 Methyl Methacrylate	100	8.665	8.649	(1.104)	4994	1.00000	1.0
68 Bromodichloromethane	83	8.893	8.888	(1.133)	33944	1.00000	1.0
62 2-Chloroethyl Vinyl Ether	63	9.209	9.207	(1.174)	9873	1.00000	1.0
63 Epichlorohydrin	57	9.323	9.305	(0.825)	29910	20.0000	20
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.831)	30822	1.00000	1.0
70 4-Methyl-2-Pentanone	43	9.562	9.553	(0.846)	166703	10.0000	10
\$ 65 Toluene-d8 (SUR)	98	9.709	9.708	(0.859)	1532389	50.0000	50
66 Toluene	91	9.801	9.787	(0.867)	45809	1.00000	1.0
64 trans-1,3-Dichloropropene	75	10.038	10.017	(0.888)	27081	1.00000	1.0
69 1,1,2-Trichloroethane	83	10.248	10.236	(0.907)	13713	1.00000	1.0
71 Tetrachloroethene	166	10.396	10.400	(0.920)	11831	1.00000	1.0
72 1,3-Dichloropropane	76	10.432	10.426	(0.923)	24757	1.00000	1.0
73 2-Hexanone	43	10.488	10.482	(0.928)	99907	10.0000	10
74 Dibromochloromethane	129	10.681	10.684	(0.945)	23900	1.00000	1.0
76 Butyl Acetate	73	10.589	10.591	(0.937)	7501	2.00000	2.0
77 1,2-Dibromoethane	107	10.838	10.829	(0.959)	20204	1.00000	1.0
* 78 Chlorobenzene-d5	117	11.301	11.306	(1.000)	1379935	50.0000	
79 Chlorobenzene	112	11.338	11.332	(1.003)	25757	1.00000	1.0

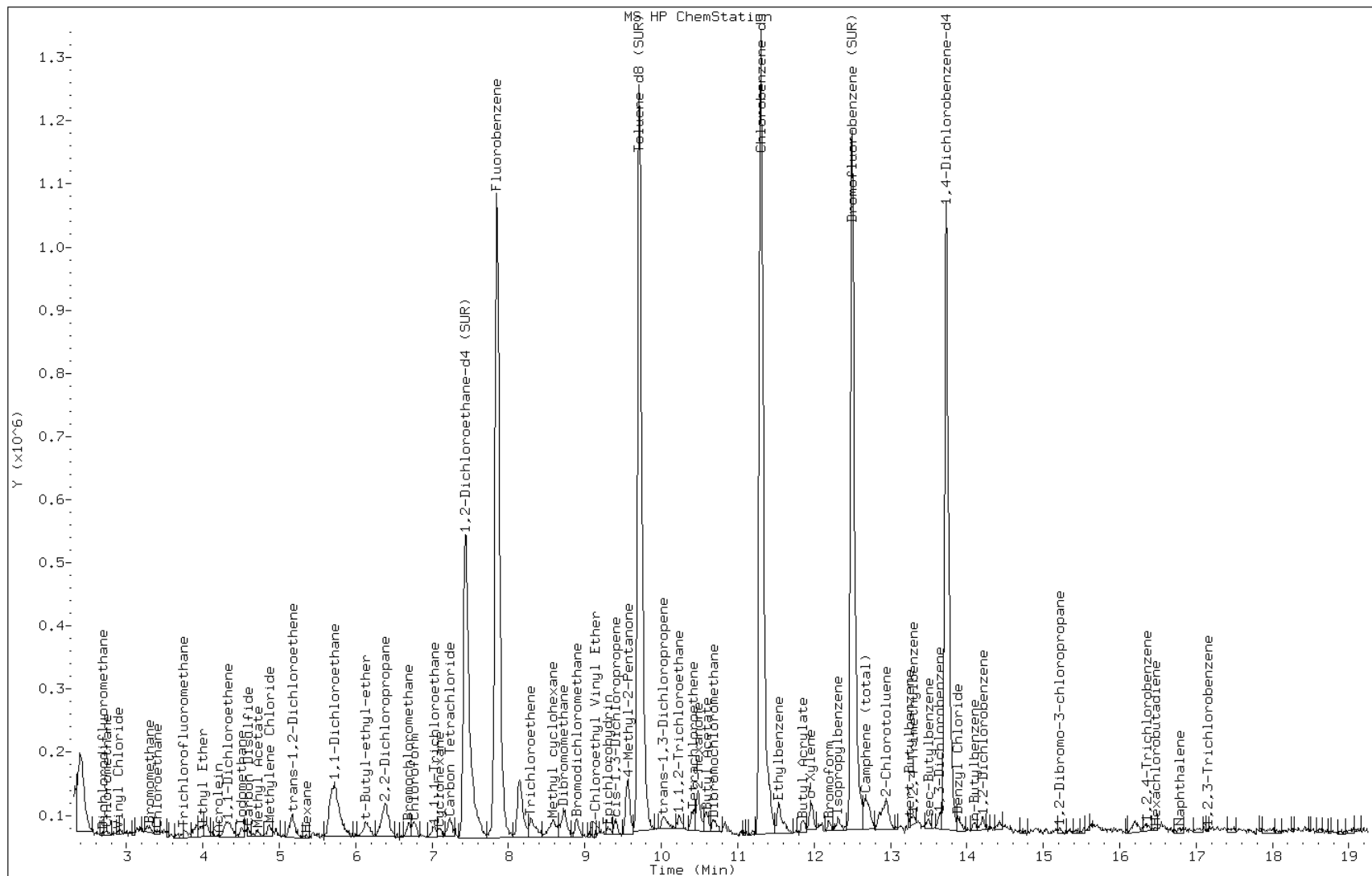
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 Report Date: 26-Sep-2011 12:49

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.420	11.410	(1.010)	14234	1.00000	1.0
81 Ethylbenzene	106	11.429	11.418	(1.011)	10151	1.00000	1.0
82 m+p-Xylene	106	11.548	11.537	(1.022)	26501	2.00000	2.0
84 o-Xylene	106	11.950	11.958	(1.057)	12835	1.00000	1.0
85 Styrene	104	11.968	11.967	(1.059)	26398	1.00000	1.0
83 Butyl Acrylate	73	11.858	11.847	(1.049)	10744	1.00000	1.0
86 Bromoform	173	12.204	12.196	(1.080)	12983	1.00000	1.0
88 Isopropylbenzene	105	12.312	12.315	(1.089)	29125	1.00000	1.0
\$ 89 Bromofluorobenzene (SUR)	174	12.500	12.496	(0.911)	569668	50.0000	50
90 Camphene (total)	93	12.618	12.606	(1.117)	10848	1.00000	1.0
91 Bromobenzene	156	12.671	12.678	(0.923)	12685	1.00000	1.0
92 1,1,2,2-Tetrachloroethane	83	12.618	12.624	(0.919)	22563	1.00000	1.0
93 1,2,3-Trichloropropane	110	12.689	12.686	(0.924)	5672	1.00000	1.0
94 trans-1,4-Dichloro-2-butene	53	12.699	12.678	(0.925)	4457	1.00000	1.0
95 n-Propylbenzene	91	12.726	12.731	(0.927)	30196	1.00000	1.0
96 2-Chlorotoluene	91	12.861	12.850	(0.937)	28432	1.00000	1.0
97 1,3,5-Trimethylbenzene	105	12.888	12.894	(0.939)	22501	1.00000	1.0
98 4-Chlorotoluene	91	12.962	12.959	(0.944)	30628	1.00000	1.0
99 Butyl Methacrylate	87	12.934	12.931	(0.942)	18115	1.00000	1.0
100 tert-Butylbenzene	119	13.256	13.259	(0.966)	19907	1.00000	1.0
101 1,2,4-Trimethylbenzene	105	13.301	13.305	(0.969)	23374	1.00000	1.0
103 sec-Butylbenzene	105	13.498	13.484	(0.983)	23308	1.00000	1.0
105 1,3-Dichlorobenzene	146	13.664	13.667	(0.995)	13634	1.00000	1.0
107 p-Isopropyltoluene	119	13.618	13.621	(0.992)	19116	1.00000	1.0
* 108 1,4-Dichlorobenzene-d4	152	13.729	13.730	(1.000)	534997	50.0000	
109 1,4-Dichlorobenzene	146	13.756	13.756	(1.002)	15056	1.00000	1.0
110 Benzyl Chloride	91	13.894	13.902	(1.012)	19077	1.00000	1.0
106 n-Butylbenzene	91	14.084	14.083	(1.026)	16396	1.00000	1.0
111 1,2-Dichlorobenzene	146	14.210	14.201	(1.035)	14735	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	15.175	15.164	(1.105)	5174	1.00000	1.0
114 1,2,4-Trichlorobenzene	180	16.333	16.346	(1.190)	4225	1.00000	1.0
115 Hexachlorobutadiene	225	16.573	16.563	(1.207)	4758	1.00000	1.0
116 Naphthalene	128	16.784	16.782	(1.223)	7983	1.00000	1.0
117 1,2,3-Trichlorobenzene	180	17.197	17.206	(1.253)	3051	1.00000	1.0
M 120 1,2-Dichloroethene (Total)	100				29391	2.00000	2.0
M 121 Xylene (Total)	100				39336	3.00000	3.0

QC Flag Legend

M - Compound response manually integrated.

Operator:

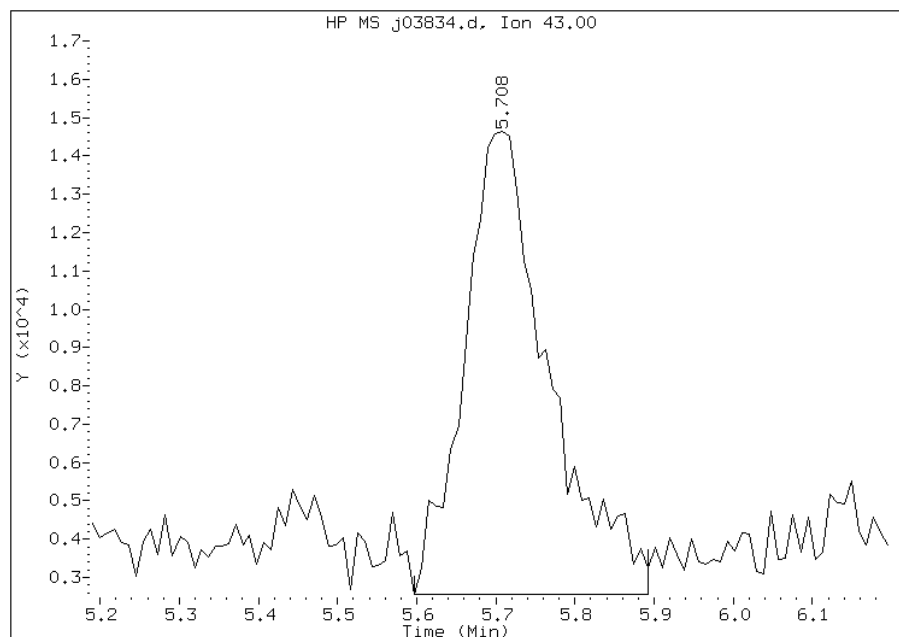


Manual Integration Report

Data File: j03834.d
Inj. Date and Time: 22-SEP-2011 02:30
Instrument ID: VOAMS8.i
Client ID:
Compound: 31 Vinyl Acetate
CAS #: 108-05-4
Report Date: 09/26/2011

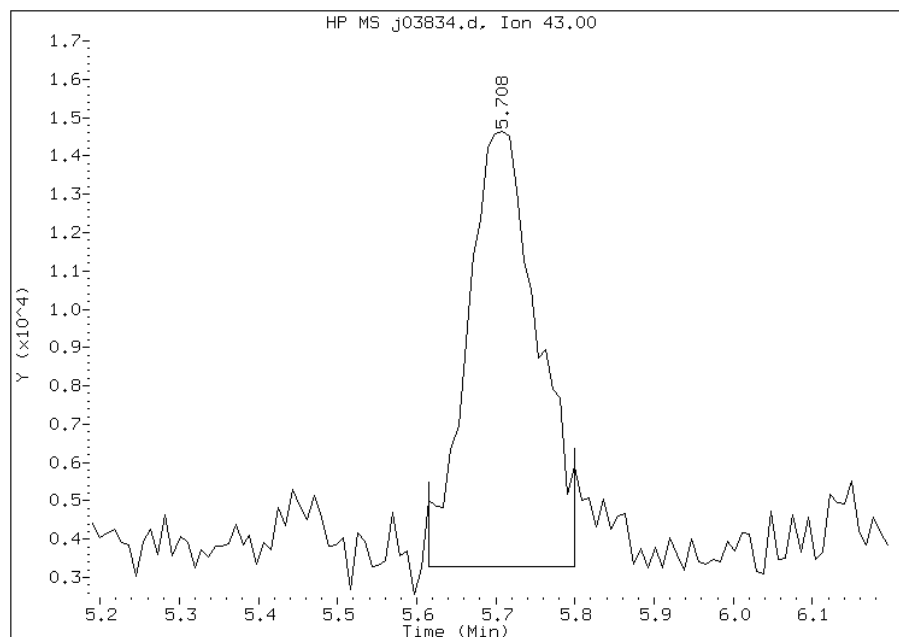
Processing Integration Results

RT: 5.71
Response: 89790
Amount: 2
Conc: 2



Manual Integration Results

RT: 5.71
Response: 70889
Amount: 1
Conc: 1



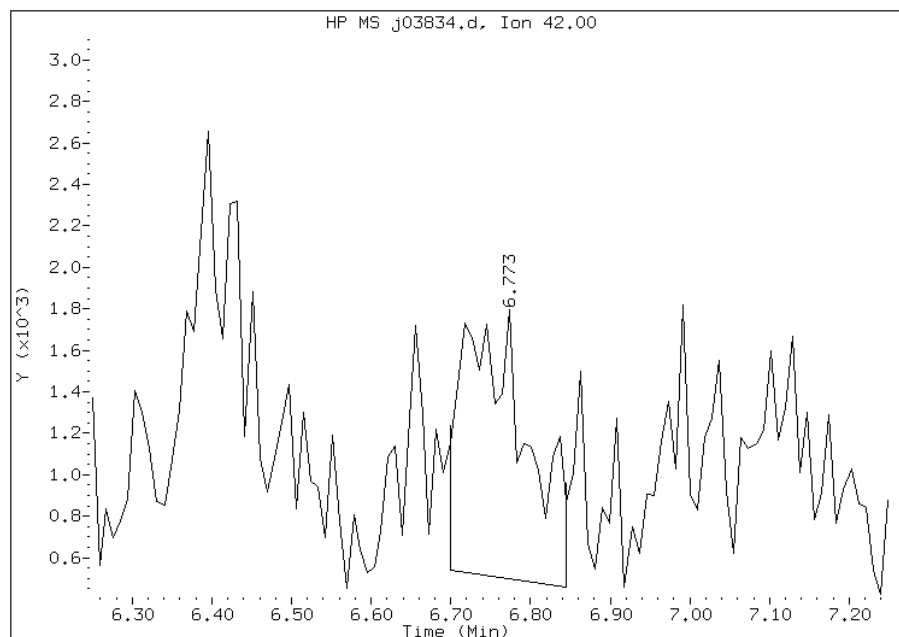
Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Manual Integration Report

Data File: j03834.d
Inj. Date and Time: 22-SEP-2011 02:30
Instrument ID: VOAMS8.i
Client ID:
Compound: 41 Tetrahydrofuran
CAS #: 109-99-9
Report Date: 09/26/2011

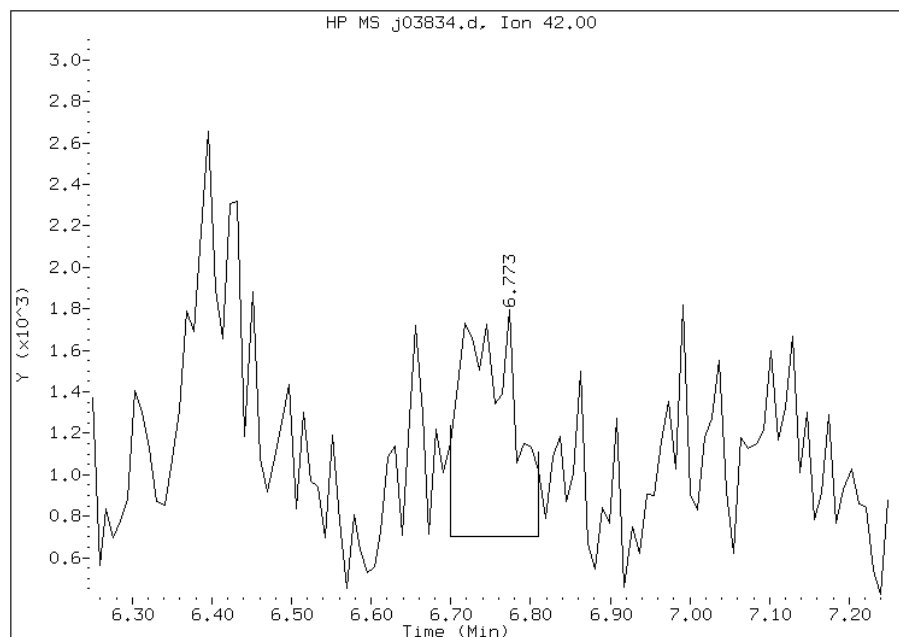
Processing Integration Results

RT: 6.77
Response: 7381
Amount: 2
Conc: 2



Manual Integration Results

RT: 6.77
Response: 4880
Amount: 1
Conc: 1



Manually Integrated By: vibha
Manual Integration Reason: Analyte not Identified by the Data System

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 22-SEP-2011 03:20
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:41 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:20 Cal File: j03836.d
 Als bottle: 3 Calibration Sample, Level: 2
 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.582	2.562 (0.329)		105359	5.00000	5.0
3 Chloromethane	50	2.724	2.737 (0.347)		67561	5.00000	5.0
4 Vinyl Chloride	62	2.906	2.929 (0.370)		63434	5.00000	5.0
6 Bromomethane	94	3.290	3.297 (0.419)		66376	5.00000	4.9
5 Chloroethane	64	3.407	3.407 (0.434)		41580	5.00000	5.2
7 Trichlorofluoromethane	101	3.717	3.718 (0.474)		133025	5.00000	5.6
11 Ethyl Ether	59	3.999	4.011 (0.510)		46647	5.00000	5.1
15 1,1-Dichloroethene	96	4.308	4.312 (0.549)		64093	5.00000	5.3
14 Freon TF	101	4.317	4.322 (0.550)		114300	5.00000	5.7
16 Acetone	58	4.363	4.358 (0.556)		11181	15.0000	14
17 Iodomethane	142	4.509	4.515 (0.575)		178931	5.00000	5.3
18 Carbon Disulfide	76	4.597	4.598 (0.586)		192687	5.00000	5.3
27 Methyl Acetate	74	4.705	4.708 (0.600)		15379	5.00000	4.9
22 Methylene Chloride	84	4.869	4.868 (0.621)		83468	5.00000	5.2
24 TBA	59	4.952	4.951 (0.631)		102398	100.000	95
25 trans-1,2-Dichloroethene	96	5.161	5.181 (0.658)		76246	5.00000	5.6

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.143	5.153	(0.655)	28943	10.0000	8.8
28 MTBE	73	5.152	5.153	(0.657)	188495	5.00000	4.9
29 Hexane	56	5.442	5.446	(0.694)	27114	5.00000	5.0
30 1,1-Dichloroethane	63	5.678	5.676	(0.724)	153713	5.00000	5.1
31 Vinyl Acetate	43	5.696	5.694	(0.726)	267558	5.00000	4.9
32 DIPE	45	5.696	5.694	(0.726)	367903	5.00000	4.9
35 t-Butyl-ethyl-ether	59	6.135	6.149	(0.782)	264852	5.00000	5.0
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	124109	5.00000	5.2
36 cis-1,2-Dichloroethene	96	6.381	6.382	(0.813)	77935	5.00000	5.1
38 2-Butanone	72	6.372	6.373	(0.812)	14600	15.0000	14
39 Ethyl Acetate	70	6.418	6.425	(0.818)	13236	10.0000	9.7
40 Bromochloromethane	128	6.707	6.693	(0.855)	52000	5.00000	5.1
41 Tetrahydrofuran	42	6.744	6.749	(0.860)	21312	5.00000	4.9
42 Chloroform	83	6.762	6.767	(0.862)	172531	5.00000	5.3
43 1,1,1-Trichloroethane	97	7.038	7.031	(0.897)	126028	5.00000	5.6
44 Cyclohexane	56	7.091	7.096	(0.904)	81024	5.00000	5.3
45 Carbon Tetrachloride	117	7.238	7.243	(0.922)	108582	5.00000	5.4
46 1,1-Dichloropropene	75	7.238	7.234	(0.922)	114665	5.00000	5.5
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.430	7.434	(0.947)	660301	50.0000	49
48 Benzene	78	7.513	7.517	(0.665)	210449	5.00000	4.9
49 1,2-Dichloroethane	62	7.541	7.535	(0.961)	99141	5.00000	5.4
50 t-Amyl-methyl-ether	73	7.611	7.600	(0.970)	213936	5.00000	5.0
61 Isopropyl Acetate	43	7.522	7.526	(0.959)	451238	10.0000	9.9
* 52 Fluorobenzene	96	7.846	7.848	(1.000)	1751624	50.0000	
54 Trichloroethene	95	8.294	8.292	(1.057)	84474	5.00000	5.3
56 Methyl cyclohexane	83	8.529	8.531	(1.087)	48996	5.00000	5.7
55 Ethyl Acrylate	55	8.377	8.375	(1.068)	99383	5.00000	4.4
57 1,2-Dichloropropane	63	8.584	8.577	(1.094)	97413	5.00000	5.3
58 Dibromomethane	93	8.740	8.732	(1.114)	77989	5.00000	4.8
59 Methyl Methacrylate	100	8.649	8.649	(1.102)	17590	5.00000	4.3
68 Bromodichloromethane	83	8.895	8.888	(1.134)	165308	5.00000	5.1
62 2-Chloroethyl Vinyl Ether	63	9.208	9.207	(1.174)	43816	5.00000	4.9
63 Epichlorohydrin	57	9.309	9.305	(0.824)	137008	100.000	97
67 cis-1,3-Dichloropropene	75	9.400	9.396	(0.832)	137001	5.00000	4.8
70 4-Methyl-2-Pentanone	43	9.556	9.553	(0.846)	226304	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	9.710	9.708	(0.859)	1395160	50.0000	48
66 Toluene	91	9.793	9.787	(0.867)	216911	5.00000	4.9
64 trans-1,3-Dichloropropene	75	10.019	10.017	(0.887)	114210	5.00000	4.6
69 1,1,2-Trichloroethane	83	10.240	10.236	(0.906)	68198	5.00000	5.0
71 Tetrachloroethene	166	10.387	10.400	(0.919)	66254	5.00000	5.3
72 1,3-Dichloropropane	76	10.433	10.426	(0.923)	120041	5.00000	5.0
73 2-Hexanone	43	10.479	10.482	(0.927)	134942	15.0000	14
74 Dibromochloromethane	129	10.697	10.684	(0.947)	115254	5.00000	5.0
76 Butyl Acetate	73	10.596	10.591	(0.938)	45408	10.0000	11
77 1,2-Dibromoethane	107	10.835	10.829	(0.959)	105029	5.00000	5.2
* 78 Chlorobenzene-d5	117	11.301	11.306	(1.000)	1344939	50.0000	
79 Chlorobenzene	112	11.328	11.332	(1.002)	138268	5.00000	5.2

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03836.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.411	11.410	(1.010)	80323	5.00000	5.4
81 Ethylbenzene	106	11.420	11.418	(1.011)	56263	5.00000	5.3
82 m+p-Xylene	106	11.540	11.537	(1.021)	142589	10.0000	10
84 o-Xylene	106	11.953	11.958	(1.058)	68985	5.00000	5.2
85 Styrene	104	11.971	11.967	(1.059)	127739	5.00000	5.0
83 Butyl Acrylate	73	11.853	11.847	(1.049)	59849	5.00000	5.3
86 Bromoform	173	12.197	12.196	(1.079)	73653	5.00000	5.4
88 Isopropylbenzene	105	12.313	12.315	(1.090)	159273	5.00000	5.3
\$ 89 Bromofluorobenzene (SUR)	174	12.497	12.496	(0.911)	553256	50.0000	50
90 Camphene (total)	93	12.597	12.606	(1.115)	48565	5.00000	4.8
91 Bromobenzene	156	12.690	12.678	(0.925)	66561	5.00000	5.2
92 1,1,2,2-Tetrachloroethane	83	12.625	12.624	(0.920)	116284	5.00000	5.2
93 1,2,3-Trichloropropane	110	12.690	12.686	(0.925)	24798	5.00000	4.8
94 trans-1,4-Dichloro-2-butene	53	12.671	12.678	(0.923)	17615	5.00000	4.5
95 n-Propylbenzene	91	12.735	12.731	(0.928)	187575	5.00000	5.7
96 2-Chlorotoluene	91	12.854	12.850	(0.937)	114923	5.00000	4.6
97 1,3,5-Trimethylbenzene	105	12.898	12.894	(0.940)	126863	5.00000	5.4
98 4-Chlorotoluene	91	12.961	12.959	(0.945)	164287	5.00000	5.3
99 Butyl Methacrylate	87	12.924	12.931	(0.942)	98811	5.00000	5.3
100 tert-Butylbenzene	119	13.262	13.259	(0.967)	114511	5.00000	5.5
101 1,2,4-Trimethylbenzene	105	13.299	13.305	(0.969)	126040	5.00000	5.3
103 sec-Butylbenzene	105	13.490	13.484	(0.983)	154452	5.00000	5.8
105 1,3-Dichlorobenzene	146	13.656	13.667	(0.995)	77265	5.00000	5.4
107 p-Isopropyltoluene	119	13.629	13.621	(0.993)	118873	5.00000	5.7
* 108 1,4-Dichlorobenzene-d4	152	13.721	13.730	(1.000)	507341	50.0000	
109 1,4-Dichlorobenzene	146	13.748	13.756	(1.002)	98086	5.00000	5.8
110 Benzyl Chloride	91	13.896	13.902	(1.013)	101148	5.00000	5.3
106 n-Butylbenzene	91	14.088	14.083	(1.027)	104055	5.00000	5.7
111 1,2-Dichlorobenzene	146	14.198	14.201	(1.035)	82102	5.00000	5.4
112 1,2-Dibromo-3-chloropropane	75	15.151	15.164	(1.104)	17895	5.00000	4.9
114 1,2,4-Trichlorobenzene	180	16.352	16.346	(1.192)	23357	5.00000	5.0
115 Hexachlorobutadiene	225	16.545	16.563	(1.206)	30679	5.00000	5.8
116 Naphthalene	128	16.782	16.782	(1.223)	36035	5.00000	5.0
117 1,2,3-Trichlorobenzene	180	17.195	17.206	(1.253)	17523	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				154181	10.0000	11
M 121 Xylene (Total)	100				211574	15.0000	16

Data File: j03836.d

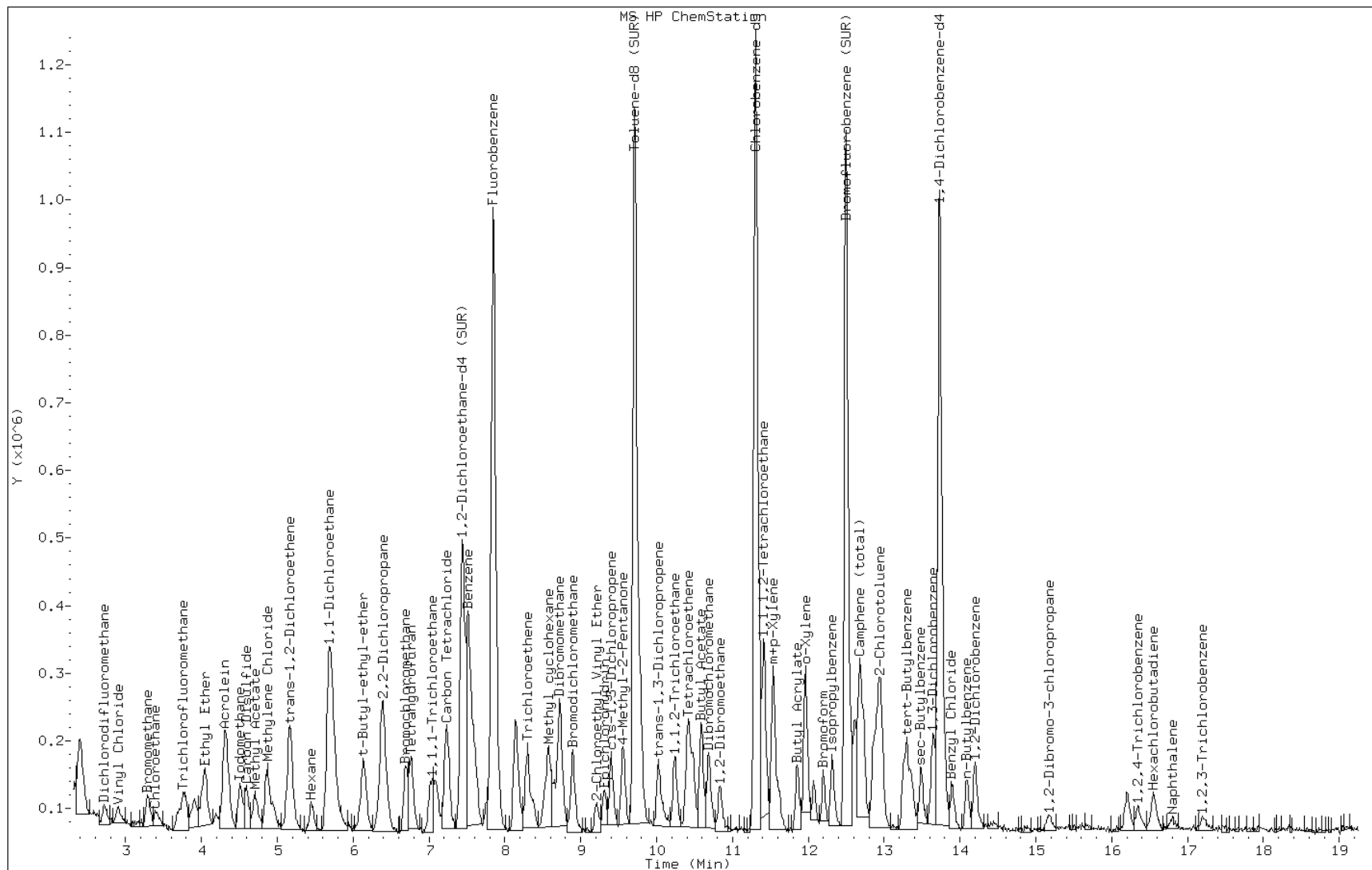
Date: 22-SEP-2011 03:20

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL2

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 22-SEP-2011 03:45
 Operator : Inst ID: VOAMS8.i
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 4 Calibration Sample, Level: 3
 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.562	2.562	(0.326)	383883	20.0000	20
3 Chloromethane	50	2.737	2.737	(0.349)	258686	20.0000	20
4 Vinyl Chloride	62	2.929	2.929	(0.373)	256584	20.0000	20
6 Bromomethane	94	3.297	3.297	(0.420)	252078	20.0000	20
5 Chloroethane	64	3.407	3.407	(0.434)	159429	20.0000	21
7 Trichlorofluoromethane	101	3.718	3.718	(0.474)	532804	20.0000	22
11 Ethyl Ether	59	4.011	4.011	(0.511)	188166	20.0000	21
15 1,1-Dichloroethene	96	4.312	4.312	(0.549)	241692	20.0000	21
14 Freon TF	101	4.322	4.322	(0.551)	436936	20.0000	22
16 Acetone	58	4.358	4.358	(0.555)	16756	20.0000	21
17 Iodomethane	142	4.515	4.515	(0.575)	645481	20.0000	20
18 Carbon Disulfide	76	4.598	4.598	(0.586)	746684	20.0000	21
27 Methyl Acetate	74	4.708	4.708	(0.600)	51050	20.0000	20
22 Methylene Chloride	84	4.868	4.868	(0.620)	284711	20.0000	19
24 TBA	59	4.951	4.951	(0.631)	393298	400.000	390
25 trans-1,2-Dichloroethene	96	5.181	5.181	(0.660)	277402	20.0000	21

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.153	5.153	(0.657)	57663	20.0000	19
28 MTBE	73	5.153	5.153	(0.657)	673078	20.0000	19
29 Hexane	56	5.446	5.446	(0.694)	95008	20.0000	20
30 1,1-Dichloroethane	63	5.676	5.676	(0.723)	569389	20.0000	20
31 Vinyl Acetate	43	5.694	5.694	(0.726)	881187	20.0000	20
32 DIPE	45	5.694	5.694	(0.726)	1329393	20.0000	19
35 t-Butyl-ethyl-ether	59	6.149	6.149	(0.783)	994361	20.0000	20
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	440048	20.0000	20
36 cis-1,2-Dichloroethene	96	6.382	6.382	(0.813)	304300	20.0000	21
38 2-Butanone	72	6.373	6.373	(0.812)	20763	20.0000	21
39 Ethyl Acetate	70	6.425	6.425	(0.819)	62226	40.0000	45
40 Bromochloromethane	128	6.693	6.693	(0.853)	179621	20.0000	19
41 Tetrahydrofuran	42	6.749	6.749	(0.860)	69559	20.0000	18
42 Chloroform	83	6.767	6.767	(0.862)	602670	20.0000	20
43 1,1,1-Trichloroethane	97	7.031	7.031	(0.896)	449796	20.0000	21
44 Cyclohexane	56	7.096	7.096	(0.904)	274450	20.0000	19
45 Carbon Tetrachloride	117	7.243	7.243	(0.923)	412544	20.0000	21
46 1,1-Dichloropropene	75	7.234	7.234	(0.922)	416949	20.0000	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.434	7.434	(0.947)	677344	50.0000	52
48 Benzene	78	7.517	7.517	(0.665)	770758	20.0000	20
49 1,2-Dichloroethane	62	7.535	7.535	(0.960)	352051	20.0000	20
50 t-Amyl-methyl-ether	73	7.600	7.600	(0.968)	777298	20.0000	20
61 Isopropyl Acetate	43	7.526	7.526	(0.959)	1617634	40.0000	40
* 52 Fluorobenzene	96	7.848	7.848	(1.000)	1647525	50.0000	
54 Trichloroethene	95	8.292	8.292	(1.057)	311675	20.0000	21
56 Methyl cyclohexane	83	8.531	8.531	(1.087)	180353	20.0000	22
55 Ethyl Acrylate	55	8.375	8.375	(1.067)	354008	20.0000	18
57 1,2-Dichloropropane	63	8.577	8.577	(1.093)	347407	20.0000	20
58 Dibromomethane	93	8.732	8.732	(1.113)	291995	20.0000	19
59 Methyl Methacrylate	100	8.649	8.649	(1.102)	68433	20.0000	18
68 Bromodichloromethane	83	8.888	8.888	(1.132)	602321	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.207	9.207	(1.173)	151201	20.0000	19
63 Epichlorohydrin	57	9.305	9.305	(0.823)	525974	400.000	410
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.831)	510524	20.0000	20
70 4-Methyl-2-Pentanone	43	9.553	9.553	(0.845)	283331	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.708	9.708	(0.859)	1434275	50.0000	54
66 Toluene	91	9.787	9.787	(0.866)	752340	20.0000	19
64 trans-1,3-Dichloropropene	75	10.017	10.017	(0.886)	412815	20.0000	19
69 1,1,2-Trichloroethane	83	10.236	10.236	(0.905)	247423	20.0000	20
71 Tetrachloroethene	166	10.400	10.400	(0.920)	263737	20.0000	22
72 1,3-Dichloropropane	76	10.426	10.426	(0.922)	463515	20.0000	21
73 2-Hexanone	43	10.482	10.482	(0.927)	166616	20.0000	20
74 Dibromochloromethane	129	10.684	10.684	(0.945)	447930	20.0000	21
76 Butyl Acetate	73	10.591	10.591	(0.937)	160656	40.0000	42
77 1,2-Dibromoethane	107	10.829	10.829	(0.958)	375637	20.0000	20
* 78 Chlorobenzene-d5	117	11.306	11.306	(1.000)	1198859	50.0000	
79 Chlorobenzene	112	11.332	11.332	(1.002)	525460	20.0000	22

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03837.d
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Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.410	11.410	(1.009)	292805	20.0000	21
81 Ethylbenzene	106	11.418	11.418	(1.010)	201274	20.0000	21
82 m+p-Xylene	106	11.537	11.537	(1.020)	528661	40.0000	42
84 o-Xylene	106	11.958	11.958	(1.058)	258099	20.0000	21
85 Styrene	104	11.967	11.967	(1.058)	481679	20.0000	21
83 Butyl Acrylate	73	11.847	11.847	(1.048)	218821	20.0000	21
86 Bromoform	173	12.196	12.196	(1.079)	282794	20.0000	22
88 Isopropylbenzene	105	12.315	12.315	(1.089)	647841	20.0000	22
\$ 89 Bromofluorobenzene (SUR)	174	12.496	12.496	(0.910)	580766	50.0000	51
90 Camphene (total)	93	12.606	12.606	(1.115)	170502	20.0000	19
91 Bromobenzene	156	12.678	12.678	(0.923)	258591	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.624	12.624	(0.919)	408797	20.0000	19
93 1,2,3-Trichloropropane	110	12.686	12.686	(0.924)	96317	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	12.678	12.678	(0.923)	75223	20.0000	19
95 n-Propylbenzene	91	12.731	12.731	(0.927)	665836	20.0000	20
96 2-Chlorotoluene	91	12.850	12.850	(0.936)	636012	20.0000	23
97 1,3,5-Trimethylbenzene	105	12.894	12.894	(0.939)	465200	20.0000	20
98 4-Chlorotoluene	91	12.959	12.959	(0.944)	610223	20.0000	20
99 Butyl Methacrylate	87	12.931	12.931	(0.942)	387402	20.0000	20
100 tert-Butylbenzene	119	13.259	13.259	(0.966)	438175	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.305	13.305	(0.969)	486307	20.0000	20
103 sec-Butylbenzene	105	13.484	13.484	(0.982)	588047	20.0000	21
105 1,3-Dichlorobenzene	146	13.667	13.667	(0.995)	287992	20.0000	20
107 p-Isopropyltoluene	119	13.621	13.621	(0.992)	441714	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.730	13.730	(1.000)	515937	50.0000	
109 1,4-Dichlorobenzene	146	13.756	13.756	(1.002)	385073	20.0000	22
110 Benzyl Chloride	91	13.902	13.902	(1.013)	393086	20.0000	20
106 n-Butylbenzene	91	14.083	14.083	(1.026)	438840	20.0000	22
111 1,2-Dichlorobenzene	146	14.201	14.201	(1.034)	325248	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	15.164	15.164	(1.104)	66244	20.0000	20
114 1,2,4-Trichlorobenzene	180	16.346	16.346	(1.190)	118366	20.0000	20
115 Hexachlorobutadiene	225	16.563	16.563	(1.206)	122109	20.0000	22
116 Naphthalene	128	16.782	16.782	(1.222)	186888	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.206	17.206	(1.253)	89175	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				581702	40.0000	42
M 121 Xylene (Total)	100				786760	60.0000	64

Data File: j03837.d

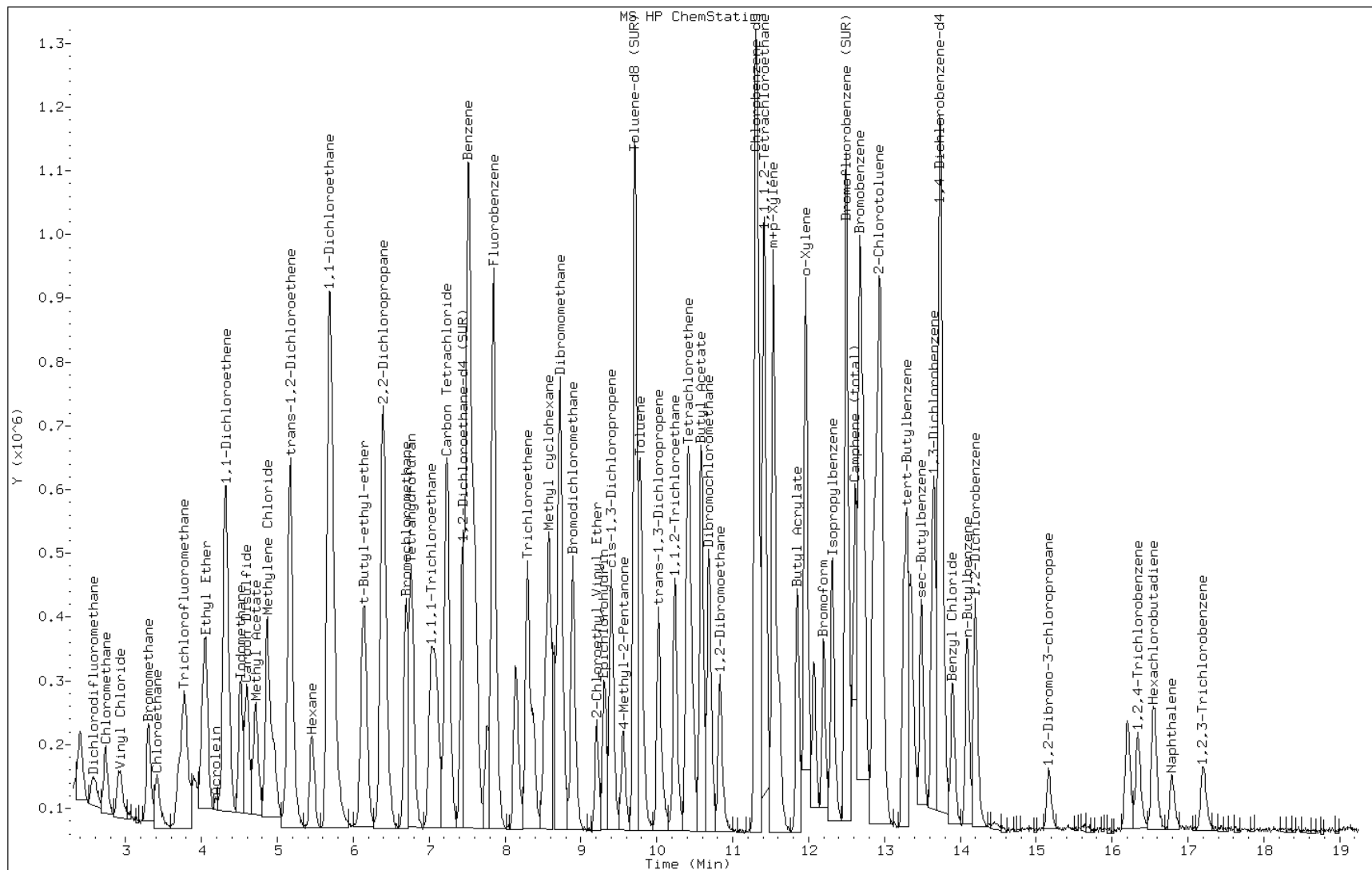
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Client ID:

Instrument: VOAMS8.i

Sample Info: ICIS-VMCAL3

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Report Date: 23-Sep-2011 11:42

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 22-SEP-2011 04:10
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
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 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 5 Calibration Sample, Level: 4
 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.573	2.562	(0.328)	905181	50.0000	49
3 Chloromethane	50	2.739	2.737	(0.349)	645790	50.0000	50
4 Vinyl Chloride	62	2.922	2.929	(0.372)	654454	50.0000	50
6 Bromomethane	94	3.295	3.297	(0.420)	599498	50.0000	46
5 Chloroethane	64	3.414	3.407	(0.435)	389920	50.0000	49
7 Trichlorofluoromethane	101	3.716	3.718	(0.473)	1267440	50.0000	51
11 Ethyl Ether	59	4.017	4.011	(0.512)	463199	50.0000	50
15 1,1-Dichloroethene	96	4.311	4.312	(0.549)	600023	50.0000	50
14 Freon TF	101	4.311	4.322	(0.549)	924305	50.0000	46
16 Acetone	58	4.366	4.358	(0.556)	41389	50.0000	50
17 Iodomethane	142	4.514	4.515	(0.575)	1531999	50.0000	47
18 Carbon Disulfide	76	4.596	4.598	(0.586)	1798869	50.0000	49
27 Methyl Acetate	74	4.716	4.708	(0.601)	126406	50.0000	50
22 Methylene Chloride	84	4.861	4.868	(0.619)	739116	50.0000	48
24 TBA	59	4.953	4.951	(0.631)	957020	1000.00	930
25 trans-1,2-Dichloroethene	96	5.173	5.181	(0.659)	698012	50.0000	50

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Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.155	5.153	(0.657)	148296	50.0000	48
28 MTBE	73	5.155	5.153	(0.657)	1623066	50.0000	45
29 Hexane	56	5.458	5.446	(0.695)	174085	50.0000	46
30 1,1-Dichloroethane	63	5.677	5.676	(0.723)	1406042	50.0000	48
31 Vinyl Acetate	43	5.695	5.694	(0.725)	2039953	50.0000	49
32 DIPE	45	5.695	5.694	(0.725)	3064577	50.0000	44
35 t-Butyl-ethyl-ether	59	6.135	6.149	(0.782)	2303809	50.0000	46
37 2,2-Dichloropropane	77	6.391	6.390	(0.814)	1025343	50.0000	45
36 cis-1,2-Dichloroethene	96	6.382	6.382	(0.813)	729538	50.0000	48
38 2-Butanone	72	6.391	6.373	(0.814)	54992	50.0000	52
39 Ethyl Acetate	70	6.409	6.425	(0.816)	136897	100.000	96
40 Bromochloromethane	128	6.692	6.693	(0.853)	472983	50.0000	49
41 Tetrahydrofuran	42	6.729	6.749	(0.857)	157981	50.0000	41
42 Chloroform	83	6.766	6.767	(0.862)	1509803	50.0000	48
43 1,1,1-Trichloroethane	97	7.028	7.031	(0.895)	1148794	50.0000	51
44 Cyclohexane	56	7.098	7.096	(0.904)	571371	50.0000	41
45 Carbon Tetrachloride	117	7.245	7.243	(0.923)	999675	50.0000	49
46 1,1-Dichloropropene	75	7.227	7.234	(0.921)	1025378	50.0000	49
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.439	7.434	(0.948)	667612	50.0000	50
48 Benzene	78	7.512	7.517	(0.665)	1909594	50.0000	50
49 1,2-Dichloroethane	62	7.539	7.535	(0.960)	856125	50.0000	48
50 t-Amyl-methyl-ether	73	7.594	7.600	(0.967)	1827935	50.0000	46
61 Isopropyl Acetate	43	7.521	7.526	(0.958)	3856521	100.000	98
* 52 Fluorobenzene	96	7.850	7.848	(1.000)	1717485	50.0000	
54 Trichloroethene	95	8.297	8.292	(1.057)	782471	50.0000	50
56 Methyl cyclohexane	83	8.533	8.531	(1.087)	349622	50.0000	42
55 Ethyl Acrylate	55	8.377	8.375	(1.067)	850319	50.0000	43
57 1,2-Dichloropropane	63	8.588	8.577	(1.094)	842512	50.0000	47
58 Dibromomethane	93	8.734	8.732	(1.113)	707279	50.0000	46
59 Methyl Methacrylate	100	8.652	8.649	(1.102)	160672	50.0000	44
68 Bromodichloromethane	83	8.889	8.888	(1.132)	1471755	50.0000	48
62 2-Chloroethyl Vinyl Ether	63	9.205	9.207	(1.173)	396440	50.0000	48
63 Epichlorohydrin	57	9.306	9.305	(0.824)	1250516	1000.00	990
67 cis-1,3-Dichloropropene	75	9.397	9.396	(0.832)	1237217	50.0000	49
70 4-Methyl-2-Pentanone	43	9.552	9.553	(0.845)	688796	50.0000	50
\$ 65 Toluene-d8 (SUR)	98	9.708	9.708	(0.859)	1348473	50.0000	51
66 Toluene	91	9.790	9.787	(0.866)	1872886	50.0000	49
64 trans-1,3-Dichloropropene	75	10.018	10.017	(0.887)	1017694	50.0000	48
69 1,1,2-Trichloroethane	83	10.237	10.236	(0.906)	610633	50.0000	51
71 Tetrachloroethene	166	10.403	10.400	(0.921)	605647	50.0000	52
72 1,3-Dichloropropane	76	10.430	10.426	(0.923)	1102045	50.0000	50
73 2-Hexanone	43	10.476	10.482	(0.927)	411630	50.0000	50
74 Dibromochloromethane	129	10.691	10.684	(0.946)	1083011	50.0000	51
76 Butyl Acetate	73	10.584	10.591	(0.937)	411588	100.000	110
77 1,2-Dibromoethane	107	10.829	10.829	(0.958)	964876	50.0000	52
* 78 Chlorobenzene-d5	117	11.299	11.306	(1.000)	1185854	50.0000	
79 Chlorobenzene	112	11.336	11.332	(1.003)	1254289	50.0000	51

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03838.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.410	11.410	(1.010)	706255	50.0000	51
81 Ethylbenzene	106	11.419	11.418	(1.011)	482153	50.0000	50
82 m+p-Xylene	106	11.538	11.537	(1.021)	1299085	100.000	100
84 o-Xylene	106	11.957	11.958	(1.058)	622559	50.0000	51
85 Styrene	104	11.966	11.967	(1.059)	1160054	50.0000	50
83 Butyl Acrylate	73	11.848	11.847	(1.049)	553474	50.0000	53
86 Bromoform	173	12.195	12.196	(1.079)	719726	50.0000	55
88 Isopropylbenzene	105	12.315	12.315	(1.090)	1440728	50.0000	50
\$ 89 Bromofluorobenzene (SUR)	174	12.497	12.496	(0.911)	546236	50.0000	48
90 Camphene (total)	93	12.608	12.606	(1.116)	303538	50.0000	37
91 Bromobenzene	156	12.672	12.678	(0.923)	610052	50.0000	47
92 1,1,2,2-Tetrachloroethane	83	12.626	12.624	(0.920)	1014181	50.0000	46
93 1,2,3-Trichloropropane	110	12.691	12.686	(0.925)	228570	50.0000	45
94 trans-1,4-Dichloro-2-butene	53	12.672	12.678	(0.923)	180150	50.0000	46
95 n-Propylbenzene	91	12.728	12.731	(0.928)	1720273	50.0000	50
96 2-Chlorotoluene	91	12.854	12.850	(0.937)	1392583	50.0000	50
97 1,3,5-Trimethylbenzene	105	12.891	12.894	(0.939)	1094746	50.0000	46
98 4-Chlorotoluene	91	12.965	12.959	(0.945)	1544800	50.0000	49
99 Butyl Methacrylate	87	12.937	12.931	(0.943)	944312	50.0000	49
100 tert-Butylbenzene	119	13.259	13.259	(0.966)	1043728	50.0000	48
101 1,2,4-Trimethylbenzene	105	13.305	13.305	(0.970)	1142399	50.0000	47
103 sec-Butylbenzene	105	13.486	13.484	(0.983)	1370849	50.0000	49
105 1,3-Dichlorobenzene	146	13.658	13.667	(0.995)	696643	50.0000	48
107 p-Isopropyltoluene	119	13.630	13.621	(0.993)	1094219	50.0000	50
* 108 1,4-Dichlorobenzene-d4	152	13.722	13.730	(1.000)	526305	50.0000	
109 1,4-Dichlorobenzene	146	13.759	13.756	(1.003)	973526	50.0000	52
110 Benzyl Chloride	91	13.897	13.902	(1.013)	981335	50.0000	49
106 n-Butylbenzene	91	14.089	14.083	(1.027)	1033384	50.0000	51
111 1,2-Dichlorobenzene	146	14.199	14.201	(1.035)	812794	50.0000	50
112 1,2-Dibromo-3-chloropropane	75	15.166	15.164	(1.105)	176721	50.0000	50
114 1,2,4-Trichlorobenzene	180	16.348	16.346	(1.191)	348293	50.0000	51
115 Hexachlorobutadiene	225	16.551	16.563	(1.206)	307517	50.0000	52
116 Naphthalene	128	16.787	16.782	(1.223)	551516	50.0000	51
117 1,2,3-Trichlorobenzene	180	17.200	17.206	(1.253)	260841	50.0000	51
M 120 1,2-Dichloroethene (Total)	100				1427550	100.000	99
M 121 Xylene (Total)	100				1921644	150.000	160

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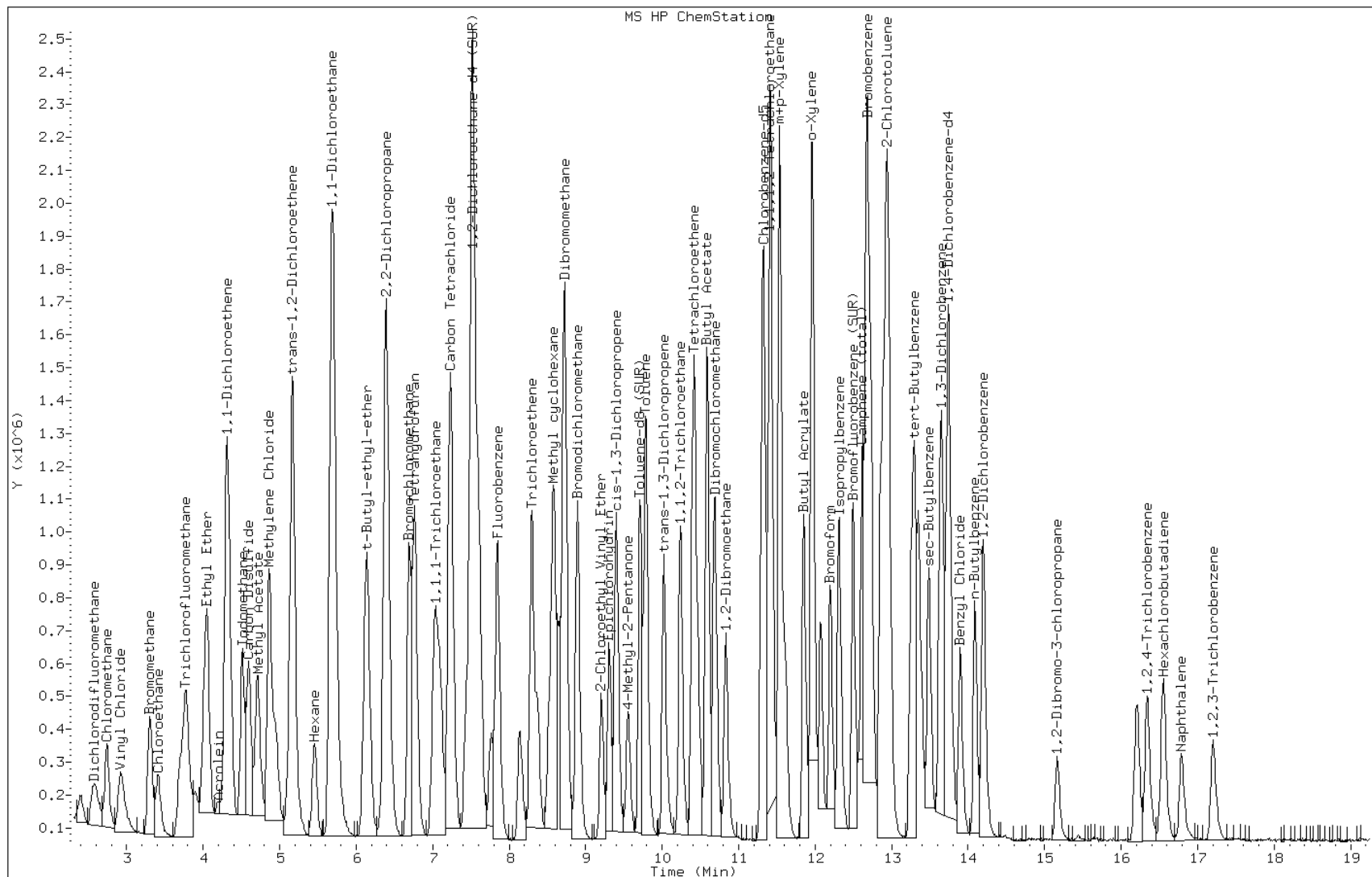
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Instrument: VOAMS8.i

Sample Info: IC-VMCAL4

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Report Date: 23-Sep-2011 11:42

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VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 22-SEP-2011 04:35
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 6 Calibration Sample, Level: 5
 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.577	2.562	(0.328)	3574362	200.000	200
3 Chloromethane	50	2.760	2.737	(0.352)	2664164	200.000	200
4 Vinyl Chloride	62	2.942	2.929	(0.375)	2762800	200.000	200
6 Bromomethane	94	3.308	3.297	(0.422)	2406446	200.000	210
5 Chloroethane	64	3.419	3.407	(0.436)	1487575	200.000	210
7 Trichlorofluoromethane	101	3.731	3.718	(0.476)	4761746	200.000	220
11 Ethyl Ether	59	4.014	4.011	(0.512)	1703719	200.000	210
15 1,1-Dichloroethene	96	4.305	4.312	(0.549)	2225522	200.000	210
14 Freon TF	101	4.324	4.322	(0.551)	3836695	200.000	220
16 Acetone	58	4.360	4.358	(0.556)	133158	200.000	190
17 Iodomethane	142	4.508	4.515	(0.574)	6171936	200.000	220
18 Carbon Disulfide	76	4.590	4.598	(0.585)	7074348	200.000	220
27 Methyl Acetate	74	4.717	4.708	(0.601)	474162	200.000	200
22 Methylene Chloride	84	4.865	4.868	(0.620)	2716065	200.000	210
24 TBA	59	4.957	4.951	(0.632)	3592527	4000.00	4100(A)
25 trans-1,2-Dichloroethene	96	5.168	5.181	(0.659)	2536937	200.000	210

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.150	5.153	(0.656)	284310	100.000	100
28 MTBE	73	5.150	5.153	(0.656)	5918824	200.000	190
29 Hexane	56	5.451	5.446	(0.695)	783462	200.000	200
30 1,1-Dichloroethane	63	5.677	5.676	(0.724)	5035119	200.000	200
31 Vinyl Acetate	43	5.695	5.694	(0.726)	7259921	200.000	200
32 DIPE	45	5.695	5.694	(0.726)	11032589	200.000	190
35 t-Butyl-ethyl-ether	59	6.131	6.149	(0.781)	8678701	200.000	200
37 2,2-Dichloropropane	77	6.390	6.390	(0.814)	3708347	200.000	190
36 cis-1,2-Dichloroethene	96	6.381	6.382	(0.813)	2711919	200.000	210
38 2-Butanone	72	6.390	6.373	(0.814)	198000	200.000	220
39 Ethyl Acetate	70	6.418	6.425	(0.818)	495850	400.000	400
40 Bromochloromethane	128	6.694	6.693	(0.853)	1675086	200.000	200
41 Tetrahydrofuran	42	6.740	6.749	(0.859)	573908	200.000	180
42 Chloroform	83	6.768	6.767	(0.863)	5443415	200.000	200
43 1,1,1-Trichloroethane	97	7.024	7.031	(0.895)	4066021	200.000	210
44 Cyclohexane	56	7.107	7.096	(0.906)	2337855	200.000	200
45 Carbon Tetrachloride	117	7.244	7.243	(0.923)	3768967	200.000	210
46 1,1-Dichloropropene	75	7.226	7.234	(0.921)	3684295	200.000	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.434	7.434	(0.948)	559071	50.0000	49
48 Benzene	78	7.517	7.517	(0.665)	6566844	200.000	200
49 1,2-Dichloroethane	62	7.536	7.535	(0.960)	3008768	200.000	200
50 t-Amyl-methyl-ether	73	7.598	7.600	(0.968)	6645606	200.000	190
61 Isopropyl Acetate	43	7.517	7.526	(0.958)	13312788	400.000	400
* 52 Fluorobenzene	96	7.846	7.848	(1.000)	1473873	50.0000	
54 Trichloroethene	95	8.293	8.292	(1.057)	2762993	200.000	200
56 Methyl cyclohexane	83	8.530	8.531	(1.087)	1524321	200.000	210
55 Ethyl Acrylate	55	8.375	8.375	(1.067)	3178720	200.000	190
57 1,2-Dichloropropane	63	8.583	8.577	(1.094)	2988452	200.000	200
58 Dibromomethane	93	8.731	8.732	(1.113)	2479096	200.000	190
59 Methyl Methacrylate	100	8.657	8.649	(1.103)	581517	200.000	190
68 Bromodichloromethane	83	8.894	8.888	(1.134)	5280142	200.000	200
62 2-Chloroethyl Vinyl Ether	63	9.205	9.207	(1.173)	1642294	200.000	220
63 Epichlorohydrin	57	9.306	9.305	(0.824)	4401100	4000.00	4100
67 cis-1,3-Dichloropropene	75	9.402	9.396	(0.832)	4382317	200.000	200
70 4-Methyl-2-Pentanone	43	9.549	9.553	(0.845)	2577675	200.000	210
\$ 65 Toluene-d8 (SUR)	98	9.711	9.708	(0.859)	1271412	50.0000	55
66 Toluene	91	9.782	9.787	(0.866)	6324406	200.000	200
64 trans-1,3-Dichloropropene	75	10.021	10.017	(0.887)	3650197	200.000	200
69 1,1,2-Trichloroethane	83	10.239	10.236	(0.906)	2102812	200.000	200
71 Tetrachloroethene	166	10.395	10.400	(0.920)	2195342	200.000	220
72 1,3-Dichloropropane	76	10.432	10.426	(0.923)	3818950	200.000	200
73 2-Hexanone	43	10.478	10.482	(0.927)	1466511	200.000	210
74 Dibromochloromethane	129	10.687	10.684	(0.946)	3979248	200.000	220
76 Butyl Acetate	73	10.589	10.591	(0.937)	1408142	400.000	420
77 1,2-Dibromoethane	107	10.834	10.829	(0.959)	3404694	200.000	210
* 78 Chlorobenzene-d5	117	11.299	11.306	(1.000)	1010281	50.0000	
79 Chlorobenzene	112	11.334	11.332	(1.003)	4610877	200.000	220

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03839.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.406	11.410	(1.009)	2549569	200.000	210
81 Ethylbenzene	106	11.424	11.418	(1.011)	1739933	200.000	210
82 m+p-Xylene	106	11.535	11.537	(1.021)	4535105	400.000	420
84 o-Xylene	106	11.956	11.958	(1.058)	2299697	200.000	220
85 Styrene	104	11.964	11.967	(1.059)	4321534	200.000	220
83 Butyl Acrylate	73	11.847	11.847	(1.048)	2055880	200.000	220
86 Bromoform	173	12.199	12.196	(1.080)	2602510	200.000	220
88 Isopropylbenzene	105	12.309	12.315	(1.089)	5160607	200.000	210
\$ 89 Bromofluorobenzene (SUR)	174	12.499	12.496	(0.910)	510029	50.0000	50
90 Camphene (total)	93	12.601	12.606	(1.115)	1397760	200.000	200
91 Bromobenzene	156	12.672	12.678	(0.923)	2237063	200.000	190
92 1,1,2,2-Tetrachloroethane	83	12.628	12.624	(0.920)	3528097	200.000	180
93 1,2,3-Trichloropropane	110	12.691	12.686	(0.924)	792652	200.000	180
94 trans-1,4-Dichloro-2-butene	53	12.672	12.678	(0.923)	699916	200.000	200(A)
95 n-Propylbenzene	91	12.728	12.731	(0.927)	5556037	200.000	180
96 2-Chlorotoluene	91	12.856	12.850	(0.936)	5103126	200.000	200(A)
97 1,3,5-Trimethylbenzene	105	12.893	12.894	(0.939)	3875726	200.000	190
98 4-Chlorotoluene	91	12.957	12.959	(0.944)	5155864	200.000	180
99 Butyl Methacrylate	87	12.929	12.931	(0.942)	3459087	200.000	200
100 tert-Butylbenzene	119	13.258	13.259	(0.965)	3776396	200.000	200
101 1,2,4-Trimethylbenzene	105	13.304	13.305	(0.969)	4036249	200.000	190
103 sec-Butylbenzene	105	13.491	13.484	(0.982)	4893128	200.000	200
105 1,3-Dichlorobenzene	146	13.662	13.667	(0.995)	2734606	200.000	210
107 p-Isopropyltoluene	119	13.625	13.621	(0.992)	3769068	200.000	190
* 108 1,4-Dichlorobenzene-d4	152	13.732	13.730	(1.000)	471837	50.0000	
109 1,4-Dichlorobenzene	146	13.750	13.756	(1.001)	3503954	200.000	210
110 Benzyl Chloride	91	13.896	13.902	(1.012)	3651508	200.000	200
106 n-Butylbenzene	91	14.086	14.083	(1.026)	3845233	200.000	210
111 1,2-Dichlorobenzene	146	14.201	14.201	(1.034)	2867468	200.000	200
112 1,2-Dibromo-3-chloropropane	75	15.167	15.164	(1.104)	690534	200.000	200
114 1,2,4-Trichlorobenzene	180	16.348	16.346	(1.190)	1491639	200.000	200
115 Hexachlorobutadiene	225	16.549	16.563	(1.205)	1123392	200.000	210
116 Naphthalene	128	16.786	16.782	(1.222)	2526477	200.000	200
117 1,2,3-Trichlorobenzene	180	17.205	17.206	(1.253)	1020341	200.000	200
M 120 1,2-Dichloroethene (Total)	100				5248856	400.000	420
M 121 Xylene (Total)	100				6834802	600.000	640

QC Flag Legend

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

Data File: j03839.d

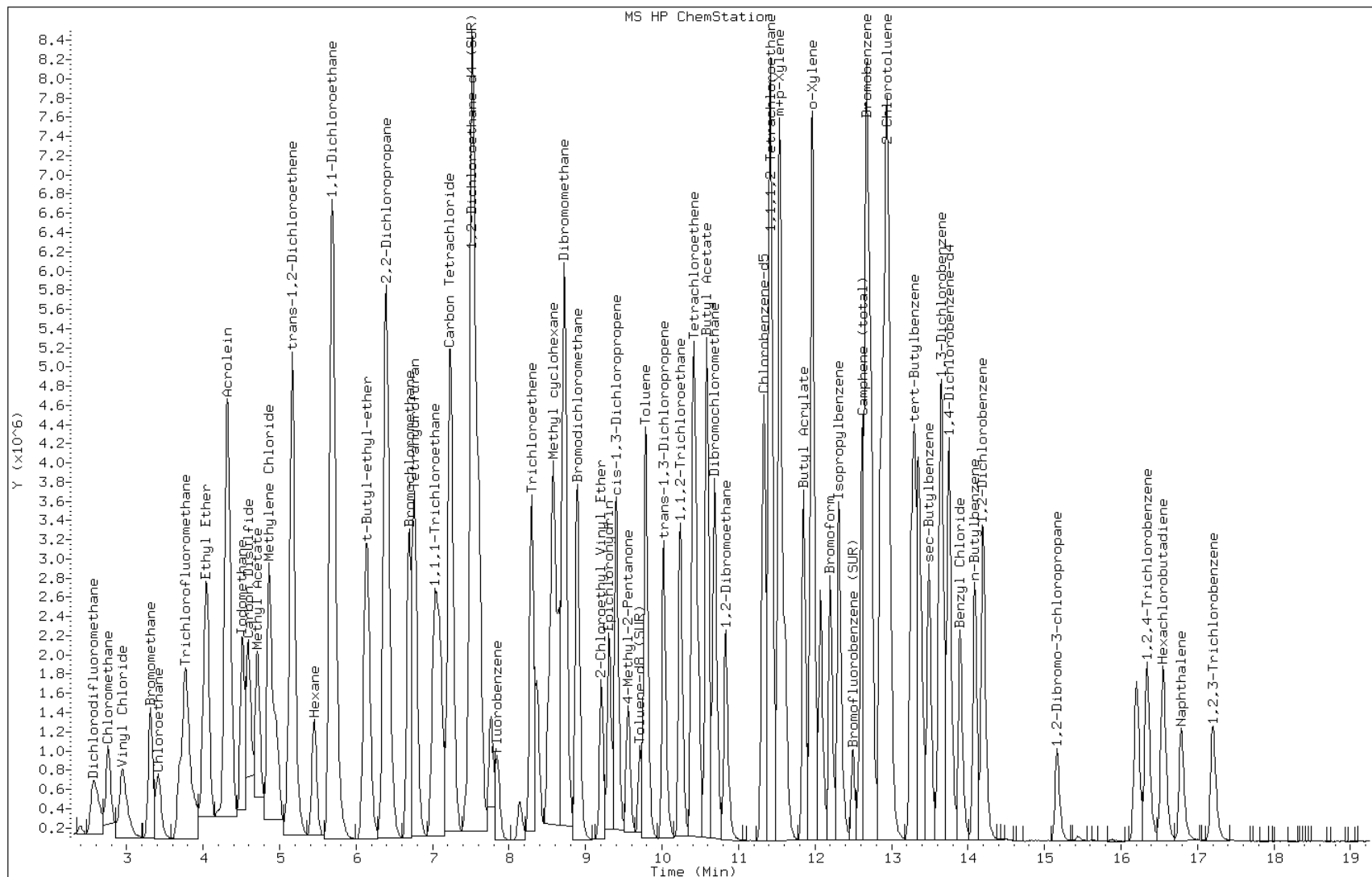
Date: 22-SEP-2011 04:35

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL5

Operator:



Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Report Date: 23-Sep-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 22-SEP-2011 05:00
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260DE_09.m
 Meth Date : 23-Sep-2011 11:42 audberto Quant Type: ISTD
 Cal Date : 22-SEP-2011 03:45 Cal File: j03837.d
 Als bottle: 7 Calibration Sample, Level: 6
 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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.578	2.562 (0.328)		9200447	500.000	510(A)
3 Chloromethane	50	2.786	2.737 (0.355)		6768233	500.000	510(A)
4 Vinyl Chloride	62	2.960	2.929 (0.377)		6820628	500.000	510(A)
6 Bromomethane	94	3.319	3.297 (0.422)		5610185	500.000	540(A)
5 Chloroethane	64	3.420	3.407 (0.435)		3407159	500.000	540(A)
7 Trichlorofluoromethane	101	3.744	3.718 (0.476)		11803101	500.000	580(A)
11 Ethyl Ether	59	4.008	4.011 (0.510)		3786430	500.000	520(A)
15 1,1-Dichloroethene	96	4.317	4.312 (0.549)		5046112	500.000	530(A)
14 Freon TF	101	4.326	4.322 (0.550)		9070246	500.000	560(A)
16 Acetone	58	4.363	4.358 (0.555)		304009	500.000	490
17 Iodomethane	142	4.523	4.515 (0.576)		13194573	500.000	510(A)
18 Carbon Disulfide	76	4.597	4.598 (0.585)		15347618	500.000	530(A)
27 Methyl Acetate	74	4.726	4.708 (0.601)		1037928	500.000	500
22 Methylene Chloride	84	4.869	4.868 (0.620)		5949851	500.000	500(A)
24 TBA	59	4.961	4.951 (0.631)		7946086	10000.0	10000(A)
25 trans-1,2-Dichloroethene	96	5.178	5.181 (0.659)		5684564	500.000	520(A)

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
26 Acrylonitrile	53	5.150	5.153 (0.655)		564293	200.000	230(A)
28 MTBE	73	5.160	5.153 (0.657)		13107600	500.000	480
29 Hexane	56	5.461	5.446 (0.695)		1905060	500.000	510(A)
30 1,1-Dichloroethane	63	5.683	5.676 (0.723)		10556609	500.000	470
31 Vinyl Acetate	43	5.701	5.694 (0.725)		15215566	500.000	490
32 DIPE	45	5.701	5.694 (0.725)		21252556	500.000	420
35 t-Butyl-ethyl-ether	59	6.142	6.149 (0.782)		17849919	500.000	460
37 2,2-Dichloropropane	77	6.392	6.390 (0.813)		8162742	500.000	480
36 cis-1,2-Dichloroethene	96	6.383	6.382 (0.812)		6026371	500.000	510(A)
38 2-Butanone	72	6.392	6.373 (0.813)		446353	500.000	540(A)
39 Ethyl Acetate	70	6.426	6.425 (0.818)		1129396	1000.00	1000(A)
40 Bromochloromethane	128	6.692	6.693 (0.852)		3756393	500.000	500(A)
41 Tetrahydrofuran	42	6.746	6.749 (0.858)		1245591	500.000	440(A)
42 Chloroform	83	6.773	6.767 (0.862)		11411462	500.000	480
43 1,1,1-Trichloroethane	97	7.030	7.031 (0.894)		8900016	500.000	510(A)
44 Cyclohexane	56	7.103	7.096 (0.904)		5406193	500.000	500(A)
45 Carbon Tetrachloride	117	7.250	7.243 (0.922)		8215596	500.000	520(A)
46 1,1-Dichloropropene	75	7.232	7.234 (0.920)		7587663	500.000	480
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.449	7.434 (0.948)		490026	50.0000	48
48 Benzene	78	7.522	7.517 (0.665)		12830150	500.000	450
49 1,2-Dichloroethane	62	7.540	7.535 (0.959)		6265194	500.000	460
50 t-Amyl-methyl-ether	73	7.614	7.600 (0.969)		13558490	500.000	450
61 Isopropyl Acetate	43	7.522	7.526 (0.957)		24342074	1000.00	960(A)
* 52 Fluorobenzene	96	7.859	7.848 (1.000)		1319018	50.0000	
54 Trichloroethene	95	8.295	8.292 (1.056)		5948625	500.000	490
56 Methyl cyclohexane	83	8.542	8.531 (1.087)		3477370	500.000	530(A)
55 Ethyl Acrylate	55	8.376	8.375 (1.066)		6809154	500.000	460
57 1,2-Dichloropropane	63	8.588	8.577 (1.093)		6362283	500.000	470
58 Dibromomethane	93	8.735	8.732 (1.111)		5252834	500.000	460
59 Methyl Methacrylate	100	8.662	8.649 (1.102)		1232115	500.000	450
68 Bromodichloromethane	83	8.901	8.888 (1.133)		10711443	500.000	460
62 2-Chloroethyl Vinyl Ether	63	9.214	9.207 (1.172)		3369658	500.000	510(A)
63 Epichlorohydrin	57	9.315	9.305 (0.824)		9231198	10000.0	9600
67 cis-1,3-Dichloropropene	75	9.406	9.396 (0.832)		8895744	500.000	460
70 4-Methyl-2-Pentanone	43	9.562	9.553 (0.846)		5418320	500.000	500(A)
\$ 65 Toluene-d8 (SUR)	98	9.718	9.708 (0.860)		1088434	50.0000	52
66 Toluene	91	9.791	9.787 (0.866)		12679698	500.000	450
64 trans-1,3-Dichloropropene	75	10.028	10.017 (0.887)		7549360	500.000	470
69 1,1,2-Trichloroethane	83	10.244	10.236 (0.906)		4333790	500.000	470
71 Tetrachloroethene	166	10.403	10.400 (0.920)		4999906	500.000	540(A)
72 1,3-Dichloropropane	76	10.430	10.426 (0.923)		7921759	500.000	480
73 2-Hexanone	43	10.483	10.482 (0.927)		3097120	500.000	490
74 Dibromochloromethane	129	10.692	10.684 (0.946)		8131983	500.000	490
76 Butyl Acetate	73	10.593	10.591 (0.937)		3060622	1000.00	1000(A)
77 1,2-Dibromoethane	107	10.835	10.829 (0.959)		7089894	500.000	490
* 78 Chlorobenzene-d5	117	11.303	11.306 (1.000)		909147	50.0000	
79 Chlorobenzene	112	11.340	11.332 (1.003)		9179998	500.000	480

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03840.d
 Report Date: 23-Sep-2011 11:42

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
80 1,1,1,2-Tetrachloroethane	131	11.414	11.410	(1.010)	5701164	500.000	520(A)
81 Ethylbenzene	106	11.422	11.418	(1.011)	3596637	500.000	490
82 m+p-Xylene	106	11.541	11.537	(1.021)	9052206	1000.00	940
84 o-Xylene	106	11.961	11.958	(1.058)	4572267	500.000	480
85 Styrene	104	11.970	11.967	(1.059)	8366380	500.000	470
83 Butyl Acrylate	73	11.852	11.847	(1.049)	4629670	500.000	550(A)
86 Bromoform	173	12.203	12.196	(1.080)	5808832	500.000	550(A)
88 Isopropylbenzene	105	12.314	12.315	(1.089)	10460177	500.000	480
\$ 89 Bromofluorobenzene (SUR)	174	12.507	12.496	(0.910)	443737	50.0000	47
90 Camphene (total)	93	12.612	12.606	(1.116)	3330239	500.000	530(A)
91 Bromobenzene	156	12.683	12.678	(0.923)	4819774	500.000	450
92 1,1,2,2-Tetrachloroethane	83	12.630	12.624	(0.919)	7579842	500.000	430(A)
93 1,2,3-Trichloropropane	110	12.692	12.686	(0.924)	1692998	500.000	420(A)
94 trans-1,4-Dichloro-2-butene	53	12.683	12.678	(0.923)	1369967	500.000	430(A)
95 n-Propylbenzene	91	12.738	12.731	(0.927)	10874525	500.000	400
96 2-Chlorotoluene	91	12.864	12.850	(0.936)	10650215	500.000	460(A)
97 1,3,5-Trimethylbenzene	105	12.901	12.894	(0.939)	8209117	500.000	430
98 4-Chlorotoluene	91	12.965	12.959	(0.944)	11159737	500.000	440
99 Butyl Methacrylate	87	12.938	12.931	(0.942)	7706811	500.000	480
100 tert-Butylbenzene	119	13.265	13.259	(0.966)	8577687	500.000	480
101 1,2,4-Trimethylbenzene	105	13.311	13.305	(0.969)	9221328	500.000	460
103 sec-Butylbenzene	105	13.492	13.484	(0.982)	10359351	500.000	450
105 1,3-Dichlorobenzene	146	13.664	13.667	(0.995)	6119630	500.000	500
107 p-Isopropyltoluene	119	13.630	13.621	(0.992)	8996334	500.000	490
* 108 1,4-Dichlorobenzene-d4	152	13.736	13.730	(1.000)	442568	50.0000	
109 1,4-Dichlorobenzene	146	13.764	13.756	(1.002)	7685834	500.000	490
110 Benzyl Chloride	91	13.902	13.902	(1.012)	8277819	500.000	490
106 n-Butylbenzene	91	14.095	14.083	(1.026)	8975541	500.000	520(A)
111 1,2-Dichlorobenzene	146	14.203	14.201	(1.034)	6715796	500.000	500
112 1,2-Dibromo-3-chloropropane	75	15.167	15.164	(1.104)	1688558	500.000	500(A)
114 1,2,4-Trichlorobenzene	180	16.347	16.346	(1.190)	3679457	500.000	500(A)
115 Hexachlorobutadiene	225	16.560	16.563	(1.206)	2563054	500.000	510(A)
116 Naphthalene	128	16.791	16.782	(1.222)	6053480	500.000	500(A)
117 1,2,3-Trichlorobenzene	180	17.202	17.206	(1.252)	2457800	500.000	500(A)
M 120 1,2-Dichloroethene (Total)	100				11710935	1000.00	1000(A)
M 121 Xylene (Total)	100				13624473	1500.00	1400

QC Flag Legend

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

Data File: j03840.d

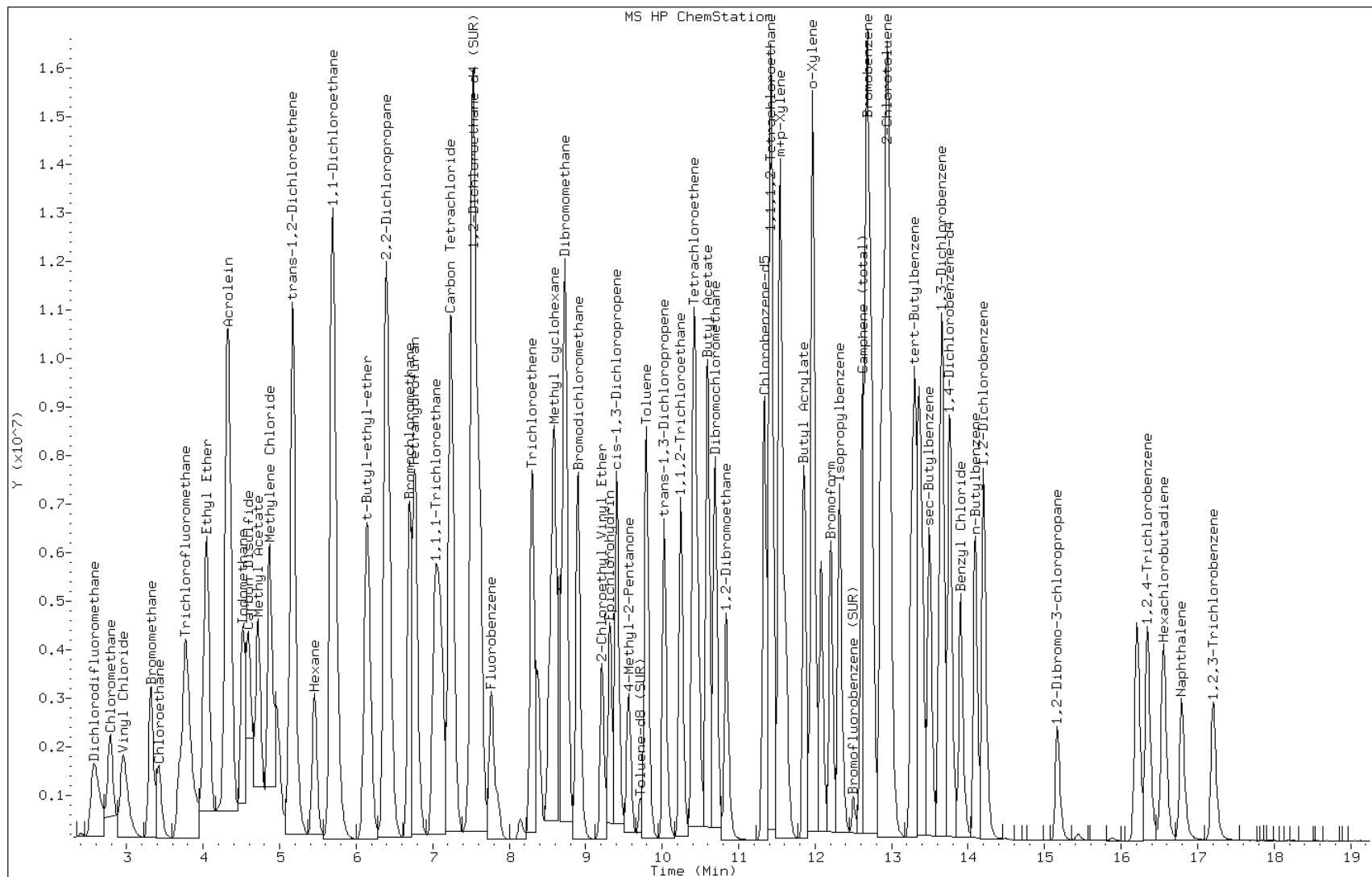
Date: 22-SEP-2011 05:00

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL6

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87487/2 Calibration Date: 09/27/2011 20:43

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04017.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	QuaF	0.5724	0.7283	0.1000	21.3	20.0	6.3	25.0
Chloromethane	QuaF	0.4099	0.4588	0.1000	18.2	20.0	-9.1	25.0
Vinyl chloride	QuaF	0.4113	0.4470	0.1000	17.5	20.0	-12.4	25.0
Bromomethane	Ave	0.3901	0.3958	0.1000	20.3	20.0	1.5	25.0
Chloroethane	Ave	0.2397	0.2426	0.1000	20.2	20.0	1.2	25.0
Trichlorofluoromethane	Ave	0.7688	0.7604	0.1000	19.8	20.0	-1.1	25.0
Ethyl ether	Ave	0.2760	0.2793	0.1000	20.2	20.0	1.2	25.0
1,1-Dichloroethene	Ave	0.3601	0.3631	0.1000	20.2	20.0	0.8	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.6227	0.1000	20.3	20.0	1.5	25.0
Acetone	Ave	0.0236	0.0243*	0.1000	20.6	20.0	2.8	25.0
Iodomethane	Ave	0.9764	0.9693	0.1000	19.9	20.0	-0.7	25.0
Carbon disulfide	Ave	1.102	1.019	0.1000	18.5	20.0	-7.5	25.0
Methyl acetate	LinF	0.0879	0.0778*	0.1000	19.7	20.0	-1.4	25.0
Methylene Chloride	Ave	0.4475	0.4435	0.1000	19.8	20.0	-0.9	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0254*	0.1000	339	400	-15.2	25.0
Acrylonitrile	Ave	0.0940	0.0824*	0.1000	17.5	20.0	-12.3	25.0
Methyl tert-butyl ether	Ave	1.026	0.9623	0.1000	18.8	20.0	-6.2	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.4211	0.1000	20.5	20.0	2.4	25.0
Hexane	LinF	0.1318	0.1264	0.1000	17.7	20.0	-11.4	25.0
1,1-Dichloroethane	Ave	0.8431	0.8302	0.1000	19.7	20.0	-1.5	25.0
Isopropyl ether	Ave	1.928	1.793	0.1000	18.6	20.0	-7.0	25.0
Vinyl acetate	LinF	1.383	1.157	0.1000	19.9	20.0	-0.7	25.0
Tert-butyl ethyl ether	Ave	1.453	1.399	0.1000	19.3	20.0	-3.7	25.0
2-Butanone (MEK)	Ave	0.0316	0.0251*	0.1000	15.9	20.0	-20.5	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4522	0.1000	20.3	20.0	1.4	25.0
2,2-Dichloropropane	Ave	0.6466	0.6204	0.1000	19.2	20.0	-4.1	25.0
Ethyl acetate	Ave	0.0417	0.0394*	0.1000	37.8	40.0	-5.4	25.0
Chlorobromomethane	Ave	0.2833	0.2995	0.1000	21.1	20.0	5.7	25.0
Tetrahydrofuran	Ave	0.1065	0.0924*	0.1000	17.3	20.0	-13.3	25.0
Chloroform	Ave	0.9049	0.9479	0.1000	21.0	20.0	4.8	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.6970	0.1000	20.9	20.0	4.6	25.0
Cyclohexane	Ave	0.4053	0.3876	0.1000	19.1	20.0	-4.4	25.0
1,1-Dichloropropene	Ave	0.6031	0.5941	0.1000	19.7	20.0	-1.5	25.0
Carbon tetrachloride	Ave	0.6035	0.6093	0.1000	20.2	20.0	1.0	25.0
Benzene	Ave	1.575	1.626	0.1000	20.6	20.0	3.2	25.0
Isopropyl acetate	LinF	1.197	1.134	0.1000	47.3	40.0	18.2	25.0
1,2-Dichloroethane	Ave	0.5106	0.5308	0.1000	20.8	20.0	4.0	25.0
Tert-amyl methyl ether	Ave	1.138	1.121	0.1000	19.7	20.0	-1.5	25.0
Trichloroethene	Ave	0.4585	0.4923	0.1000	21.5	20.0	7.4	25.0
Ethyl acrylate	Ave	0.5606	0.4940	0.1000	17.6	20.0	-11.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87487/2 Calibration Date: 09/27/2011 20:43

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04017.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
Methylcyclohexane	Ave	0.2481	0.2614	0.1000	21.1	20.0	5.3	25.0
1,2-Dichloropropane	Ave	0.5098	0.5264	0.1000	20.7	20.0	3.3	25.0
Methyl methacrylate	Ave	0.1035	0.1024	0.1000	19.8	20.0	-1.1	25.0
Dibromomethane	Ave	0.4323	0.4627	0.1000	21.4	20.0	7.0	25.0
Dichlorobromomethane	Ave	0.8857	0.8979	0.1000	20.3	20.0	1.4	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2515	0.1000	20.1	20.0	0.3	25.0
Epichlorohydrin	Ave	0.0530	0.0495*	0.1000	373	400	-6.6	25.0
cis-1,3-Dichloropropene	Ave	1.051	1.039	0.1000	19.8	20.0	-1.2	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5554	0.1000	18.7	20.0	-6.7	25.0
Toluene	Ave	1.563	1.554	0.1000	19.9	20.0	-0.6	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.8551	0.1000	19.4	20.0	-2.9	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.4995	0.1000	19.8	20.0	-1.1	25.0
Tetrachloroethene	Ave	0.5125	0.5273	0.1000	20.6	20.0	2.9	25.0
1,3-Dichloropropane	Ave	0.9170	0.9486	0.1000	20.7	20.0	3.4	25.0
2-Hexanone	Ave	0.3491	0.3285	0.1000	18.8	20.0	-5.9	25.0
n-Butyl acetate	Ave	0.1647	0.1650	0.1000	40.1	40.0	0.2	25.0
Chlorodibromomethane	Ave	0.9082	0.9329	0.1000	20.5	20.0	2.7	25.0
1,2-Dibromoethane	Ave	0.7887	0.8203	0.1000	20.8	20.0	4.0	25.0
Chlorobenzene	Ave	1.044	1.117	0.1000	21.4	20.0	7.0	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.6168	0.1000	20.7	20.0	3.5	25.0
Ethylbenzene	Ave	0.4064	0.4221	0.1000	20.8	20.0	3.9	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.5683	0.1000	43.1	40.0	7.6	25.0
n-Butyl acrylate	Ave	0.4626	0.4873	0.1000	21.1	20.0	5.3	25.0
o-Xylene	Ave	0.5189	0.5390	0.1000	20.8	20.0	3.9	25.0
Styrene	Ave	0.9798	1.031	0.1000	21.0	20.0	5.2	25.0
Bromoform	Ave	0.5829	0.5801	0.1000	19.9	20.0	-0.5	25.0
Isopropylbenzene	Ave	1.205	1.271	0.1000	21.1	20.0	5.5	25.0
Camphene	Ave	0.3463	0.3590	0.1000	20.7	20.0	3.7	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	2.066	0.1000	20.9	20.0	4.3	25.0
Bromobenzene	Ave	1.197	1.306	0.1000	21.8	20.0	9.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.3639	0.1000	20.3	20.0	1.5	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.5019	0.1000	22.1	20.0	10.6	25.0
N-Propylbenzene	Ave	3.069	3.496	0.1000	22.8	20.0	13.9	25.0
2-Chlorotoluene	Ave	2.627	2.165	0.1000	16.5	20.0	-17.6	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.401	0.1000	22.4	20.0	12.1	25.0
Butyl Methacrylate	Ave	1.814	1.960	0.1000	21.6	20.0	8.0	25.0
4-Chlorotoluene	Ave	2.874	3.095	0.1000	21.5	20.0	7.7	25.0
tert-Butylbenzene	Ave	2.027	2.178	0.1000	21.5	20.0	7.5	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.595	0.1000	23.2	20.0	16.1	25.0
sec-Butylbenzene	Ave	2.602	3.017	0.1000	23.2	20.0	16.0	25.0
4-Isopropyltoluene	Ave	2.063	2.256	0.1000	21.9	20.0	9.4	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-87487/2 Calibration Date: 09/27/2011 20:43
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j04017.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-Dichlorobenzene	Ave	1.391	1.568	0.1000	22.5	20.0	12.7	25.0
1,4-Dichlorobenzene	Ave	1.775	1.953	0.1000	22.0	20.0	10.0	25.0
Benzyl chloride	Ave	1.892	1.914	0.1000	20.2	20.0	1.2	25.0
n-Butylbenzene	Ave	1.956	2.104	0.1000	21.5	20.0	7.6	25.0
1,2-Dichlorobenzene	Ave	1.525	1.669	0.1000	21.9	20.0	9.4	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3124	0.1000	16.5	20.0	-17.6	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.7563	0.1000	20.1	20.0	0.3	25.0
Hexachlorobutadiene	Ave	0.5666	0.6808	0.1000	24.0	20.0	20.1	25.0
Naphthalene	QuaF	1.019	1.339	0.1000	20.8	20.0	4.1	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.6561	0.1000	23.7	20.0	18.7	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3628	0.1000	47.0	50.0	-6.0	25.0
Toluene-d8 (Surr)	Ave	1.156	1.072	0.1000	46.4	50.0	-7.3	25.0
4-Bromofluorobenzene	Ave	1.067	1.035	0.1000	48.5	50.0	-3.0	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04017.d
 Report Date: 27-Sep-2011 21:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04017.d
 Lab Smp Id: CCVIS
 Inj Date : 27-SEP-2011 20:43
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
 Meth Date : 27-Sep-2011 21:23 eddie Quant Type: ISTD
 Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
 Als bottle: 2 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

						AMOUNTS		
	QUANT	SIG						
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)	
=====	====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.590	2.590	(0.330)	216533	20.0000	21	
3 Chloromethane	50	2.731	2.731	(0.348)	136420	20.0000	18	
4 Vinyl Chloride	62	2.911	2.911	(0.370)	132886	20.0000	18	
6 Bromomethane	94	3.291	3.291	(0.419)	117688	20.0000	20	
5 Chloroethane	64	3.410	3.410	(0.434)	72132	20.0000	20	
7 Trichlorofluoromethane	101	3.718	3.718	(0.473)	226082	20.0000	20	
11 Ethyl Ether	59	4.011	4.011	(0.510)	83051	20.0000	20	
15 1,1-Dichloroethene	96	4.304	4.304	(0.548)	107954	20.0000	20	
14 Freon TF	101	4.331	4.331	(0.551)	185147	20.0000	20	
16 Acetone	58	4.359	4.359	(0.555)	7209	20.0000	20	
17 Iodomethane	142	4.515	4.515	(0.575)	288198	20.0000	20	
18 Carbon Disulfide	76	4.597	4.597	(0.585)	303055	20.0000	18	
27 Methyl Acetate	74	4.723	4.723	(0.601)	23117	20.0000	20	
22 Methylene Chloride	84	4.867	4.867	(0.619)	131853	20.0000	20	

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
24 TBA	59	4.959	4.959	(0.631)	150985	400.000	340
25 trans-1,2-Dichloroethene	96	5.178	5.178	(0.659)	125193	20.0000	20
26 Acrylonitrile	53	5.159	5.159	(0.657)	24507	20.0000	18
28 MTBE	73	5.159	5.159	(0.657)	286113	20.0000	19
29 Hexane	56	5.467	5.467	(0.696)	37570	20.0000	18
30 1,1-Dichloroethane	63	5.686	5.686	(0.724)	246829	20.0000	20
31 Vinyl Acetate	43	5.705	5.705	(0.726)	344098	20.0000	20
32 DIPE	45	5.696	5.696	(0.725)	533203	20.0000	19
35 t-Butyl-ethyl-ether	59	6.138	6.138	(0.781)	416080	20.0000	19
37 2,2-Dichloropropane	77	6.399	6.399	(0.814)	184445	20.0000	19
36 cis-1,2-Dichloroethene	96	6.381	6.381	(0.812)	134454	20.0000	20
38 2-Butanone	72	6.381	6.381	(0.812)	7471	20.0000	16
39 Ethyl Acetate	70	6.427	6.427	(0.818)	23441	40.0000	38
40 Bromochloromethane	128	6.694	6.694	(0.852)	89032	20.0000	21
41 Tetrahydrofuran	42	6.749	6.749	(0.859)	27458	20.0000	17
42 Chloroform	83	6.767	6.767	(0.861)	281818	20.0000	21
43 1,1,1-Trichloroethane	97	7.037	7.037	(0.896)	207226	20.0000	21
44 Cyclohexane	56	7.102	7.102	(0.904)	115226	20.0000	19
45 Carbon Tetrachloride	117	7.257	7.257	(0.924)	181146	20.0000	20
46 1,1-Dichloropropene	75	7.239	7.239	(0.921)	176624	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.450	7.450	(0.948)	269702	50.0000	47
48 Benzene	78	7.523	7.523	(0.665)	354062	20.0000	21
49 1,2-Dichloroethane	62	7.541	7.541	(0.960)	157826	20.0000	21
50 t-Amyl-methyl-ether	73	7.605	7.605	(0.968)	333397	20.0000	20
61 Isopropyl Acetate	43	7.523	7.523	(0.957)	674054	40.0000	47
* 52 Fluorobenzene	96	7.857	7.857	(1.000)	743289	50.0000	
54 Trichloroethene	95	8.295	8.295	(1.056)	146361	20.0000	21
56 Methyl cyclohexane	83	8.541	8.541	(1.087)	77707	20.0000	21
55 Ethyl Acrylate	55	8.378	8.378	(1.066)	146858	20.0000	18
57 1,2-Dichloropropane	63	8.596	8.596	(1.094)	156514	20.0000	21
58 Dibromomethane	93	8.733	8.733	(1.111)	137562	20.0000	21
59 Methyl Methacrylate	100	8.669	8.669	(1.103)	30448	20.0000	20
68 Bromodichloromethane	83	8.905	8.905	(1.133)	266955	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.212	9.212	(1.172)	74767	20.0000	20
63 Epichlorohydrin	57	9.312	9.312	(0.823)	215481	400.000	370
67 cis-1,3-Dichloropropene	75	9.413	9.413	(0.832)	226154	20.0000	20
70 4-Methyl-2-Pentanone	43	9.567	9.567	(0.846)	120938	20.0000	19
\$ 65 Toluene-d8 (SUR)	98	9.719	9.719	(0.859)	583499	50.0000	46
66 Toluene	91	9.793	9.793	(0.866)	338462	20.0000	20
64 trans-1,3-Dichloropropene	75	10.022	10.022	(0.886)	186205	20.0000	19
69 1,1,2-Trichloroethane	83	10.250	10.250	(0.906)	108782	20.0000	20
71 Tetrachloroethene	166	10.404	10.404	(0.920)	114833	20.0000	20
72 1,3-Dichloropropane	76	10.431	10.431	(0.922)	206569	20.0000	21
73 2-Hexanone	43	10.477	10.477	(0.926)	71529	20.0000	19
74 Dibromochloromethane	129	10.695	10.695	(0.945)	203159	20.0000	20
76 Butyl Acetate	73	10.588	10.588	(0.936)	71877	40.0000	40
77 1,2-Dibromoethane	107	10.832	10.832	(0.957)	178628	20.0000	21

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04017.d
 Report Date: 27-Sep-2011 21:23

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
* 78 Chlorobenzene-d5	117	11.314	11.314	(1.000)	544422	50.0000	
79 Chlorobenzene	112	11.342	11.342	(1.002)	243244	20.0000	21
80 1,1,1,2-Tetrachloroethane	131	11.415	11.415	(1.009)	134328	20.0000	21
81 Ethylbenzene	106	11.425	11.425	(1.010)	91926	20.0000	21
82 m+p-Xylene	106	11.543	11.543	(1.020)	247528	40.0000	43
84 o-Xylene	106	11.966	11.966	(1.058)	117371	20.0000	21
85 Styrene	104	11.975	11.975	(1.058)	224505	20.0000	21
83 Butyl Acrylate	73	11.855	11.855	(1.048)	106109	20.0000	21
86 Bromoform	173	12.211	12.211	(1.079)	126332	20.0000	20
88 Isopropylbenzene	105	12.321	12.321	(1.089)	276831	20.0000	21
\$ 89 Bromofluorobenzene (SUR)	174	12.505	12.505	(0.910)	232314	50.0000	48
90 Camphene (total)	93	12.615	12.615	(1.115)	78183	20.0000	21
91 Bromobenzene	156	12.688	12.688	(0.924)	117278	20.0000	22
92 1,1,2,2-Tetrachloroethane	83	12.633	12.633	(0.920)	185564	20.0000	21
93 1,2,3-Trichloropropane	110	12.697	12.697	(0.924)	45070	20.0000	22
94 trans-1,4-Dichloro-2-butene	53	12.688	12.688	(0.924)	32676	20.0000	20
95 n-Propylbenzene	91	12.734	12.734	(0.927)	313915	20.0000	23
96 2-Chlorotoluene	91	12.853	12.853	(0.936)	194443	20.0000	16
97 1,3,5-Trimethylbenzene	105	12.900	12.900	(0.939)	215607	20.0000	22
98 4-Chlorotoluene	91	12.964	12.964	(0.944)	277982	20.0000	22
99 Butyl Methacrylate	87	12.936	12.936	(0.942)	176028	20.0000	22
100 tert-Butylbenzene	119	13.264	13.264	(0.966)	195632	20.0000	21
101 1,2,4-Trimethylbenzene	105	13.309	13.309	(0.969)	233062	20.0000	23
103 sec-Butylbenzene	105	13.491	13.491	(0.982)	270964	20.0000	23
105 1,3-Dichlorobenzene	146	13.664	13.664	(0.995)	140851	20.0000	22
107 p-Isopropyltoluene	119	13.638	13.638	(0.993)	202605	20.0000	22
* 108 1,4-Dichlorobenzene-d4	152	13.736	13.736	(1.000)	224506	50.0000	
109 1,4-Dichlorobenzene	146	13.763	13.763	(1.002)	175389	20.0000	22
110 Benzyl Chloride	91	13.909	13.909	(1.013)	171903	20.0000	20
106 n-Butylbenzene	91	14.091	14.091	(1.026)	188974	20.0000	22
111 1,2-Dichlorobenzene	146	14.209	14.209	(1.034)	149894	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	15.166	15.166	(1.104)	28054	20.0000	16
114 1,2,4-Trichlorobenzene	180	16.350	16.350	(1.190)	67918	20.0000	20
115 Hexachlorobutadiene	225	16.559	16.559	(1.206)	61133	20.0000	24
116 Naphthalene	128	16.805	16.805	(1.223)	120284	20.0000	21
117 1,2,3-Trichlorobenzene	180	17.216	17.216	(1.253)	58917	20.0000	24
M 120 1,2-Dichloroethene (Total)	100				259647	40.0000	41
M 121 Xylene (Total)	100				364899	60.0000	64

Data File: j04017.d

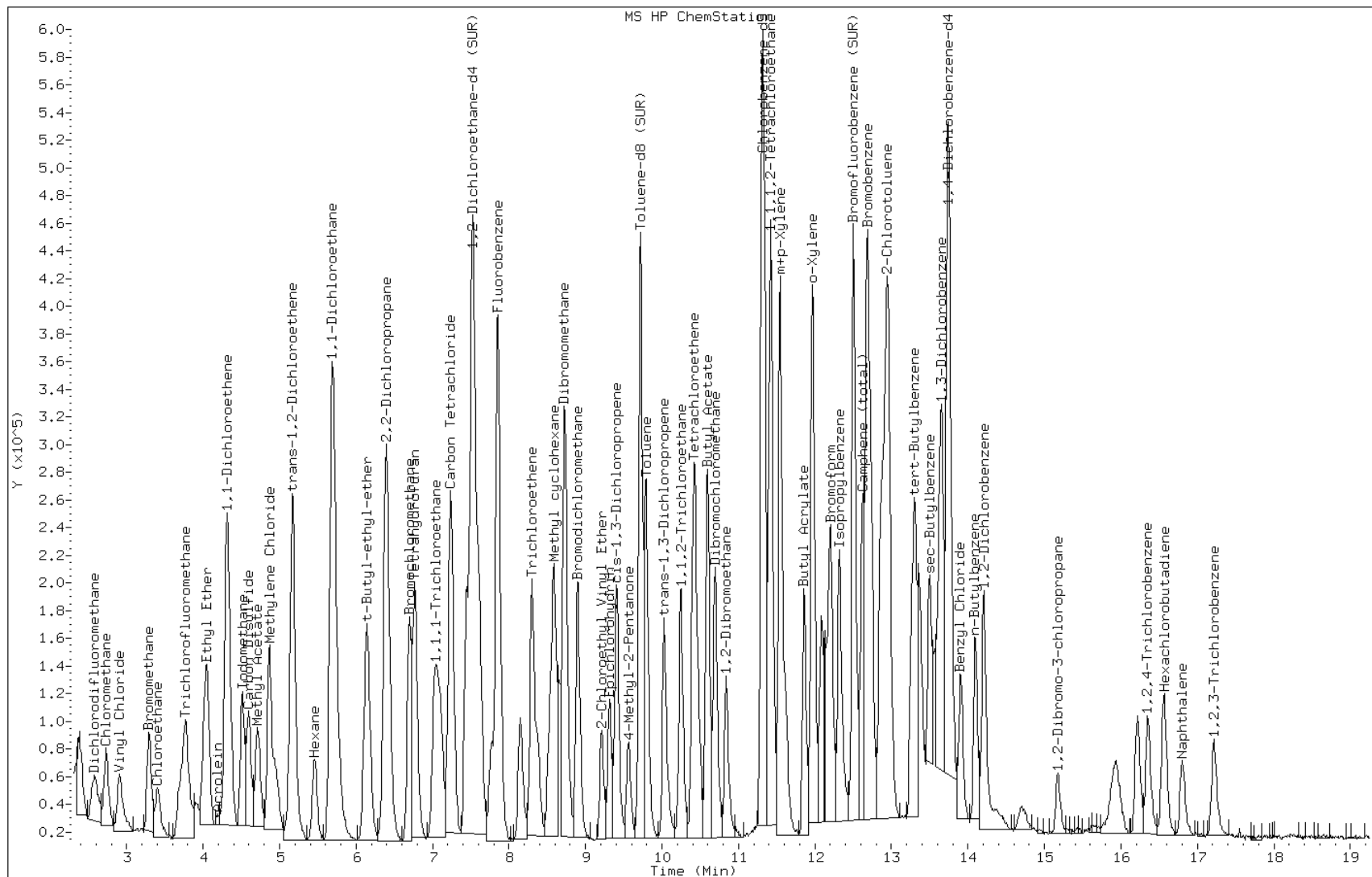
Date: 27-SEP-2011 20:43

Client ID:

Instrument: VOAMS8.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-87487/10 Calibration Date: 09/28/2011 03:54

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04032.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	QuaF	0.5724	0.6689	0.1000	19.5	20.0	-2.4	25.0
Chloromethane	QuaF	0.4099	0.4294	0.1000	17.0	20.0	-14.9	25.0
Vinyl chloride	QuaF	0.4113	0.4096	0.1000	16.1	20.0	-19.7	25.0
Bromomethane	Ave	0.3901	0.3325	0.1000	17.0	20.0	-14.8	25.0
Chloroethane	Ave	0.2397	0.1954	0.1000	16.3	20.0	-18.5	25.0
Trichlorofluoromethane	Ave	0.7688	0.7239	0.1000	18.8	20.0	-5.8	25.0
Ethyl ether	Ave	0.2760	0.2522	0.1000	18.3	20.0	-8.6	25.0
1,1-Dichloroethene	Ave	0.3601	0.3347	0.1000	18.6	20.0	-7.0	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.5850	0.1000	19.1	20.0	-4.7	25.0
Acetone	Ave	0.0236	0.0187*	0.1000	15.9	20.0	-20.5	25.0
Iodomethane	Ave	0.9764	0.9266	0.1000	19.0	20.0	-5.1	25.0
Carbon disulfide	Ave	1.102	0.8761	0.1000	15.9	20.0	-20.5	25.0
Methyl acetate	LinF	0.0879	0.0742*	0.1000	18.8	20.0	-6.0	25.0
Methylene Chloride	Ave	0.4475	0.4373	0.1000	19.5	20.0	-2.3	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0242*	0.1000	323	400	-19.2	25.0
Acrylonitrile	Ave	0.0940	0.0825*	0.1000	17.6	20.0	-12.2	25.0
Methyl tert-butyl ether	Ave	1.026	0.9477	0.1000	18.5	20.0	-7.6	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.4021	0.1000	19.5	20.0	-2.3	25.0
Hexane	LinF	0.1318	0.1174	0.1000	16.4	20.0	-17.8	25.0
1,1-Dichloroethane	Ave	0.8431	0.8075	0.1000	19.2	20.0	-4.2	25.0
Isopropyl ether	Ave	1.928	1.741	0.1000	18.1	20.0	-9.7	25.0
Vinyl acetate	LinF	1.383	1.144	0.1000	19.6	20.0	-1.9	25.0
Tert-butyl ethyl ether	Ave	1.453	1.350	0.1000	18.6	20.0	-7.1	25.0
2-Butanone (MEK)	Ave	0.0316	0.0320*	0.1000	20.3	20.0	1.3	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4559	0.1000	20.4	20.0	2.2	25.0
2,2-Dichloropropane	Ave	0.6466	0.5826	0.1000	18.0	20.0	-9.9	25.0
Ethyl acetate	Ave	0.0417	0.0432*	0.1000	41.4	40.0	3.5	25.0
Chlorobromomethane	Ave	0.2833	0.3047	0.1000	21.5	20.0	7.5	25.0
Tetrahydrofuran	Ave	0.1065	0.0961*	0.1000	18.0	20.0	-9.8	25.0
Chloroform	Ave	0.9049	0.8782	0.1000	19.4	20.0	-2.9	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.6669	0.1000	20.0	20.0	0.1	25.0
Cyclohexane	Ave	0.4053	0.3676	0.1000	18.1	20.0	-9.3	25.0
1,1-Dichloropropene	Ave	0.6031	0.5777	0.1000	19.2	20.0	-4.2	25.0
Carbon tetrachloride	Ave	0.6035	0.6027	0.1000	20.0	20.0	-0.1	25.0
Benzene	Ave	1.575	1.521	0.1000	19.3	20.0	-3.4	25.0
Isopropyl acetate	LinF	1.197	1.150	0.1000	48.0	40.0	20.0	25.0
1,2-Dichloroethane	Ave	0.5106	0.5395	0.1000	21.1	20.0	5.7	25.0
Tert-amyl methyl ether	Ave	1.138	1.109	0.1000	19.5	20.0	-2.5	25.0
Trichloroethene	Ave	0.4585	0.4921	0.1000	21.5	20.0	7.3	25.0
Ethyl acrylate	Ave	0.5606	0.5279	0.1000	18.8	20.0	-5.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-87487/10 Calibration Date: 09/28/2011 03:54

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04032.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
Methylcyclohexane	Ave	0.2481	0.2490	0.1000	20.1	20.0	0.4	25.0
1,2-Dichloropropane	Ave	0.5098	0.5237	0.1000	20.5	20.0	2.7	25.0
Methyl methacrylate	Ave	0.1035	0.1100	0.1000	21.3	20.0	6.3	25.0
Dibromomethane	Ave	0.4323	0.4725	0.1000	21.9	20.0	9.3	25.0
Dichlorobromomethane	Ave	0.8857	0.9096	0.1000	20.5	20.0	2.7	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2844	0.1000	22.7	20.0	13.5	25.0
Epichlorohydrin	Ave	0.0530	0.0469*	0.1000	354	400	-11.4	25.0
cis-1,3-Dichloropropene	Ave	1.051	1.005	0.1000	19.1	20.0	-4.4	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5618	0.1000	18.9	20.0	-5.6	25.0
Toluene	Ave	1.563	1.474	0.1000	18.9	20.0	-5.7	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.8410	0.1000	19.1	20.0	-4.5	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.5110	0.1000	20.2	20.0	1.1	25.0
Tetrachloroethene	Ave	0.5125	0.4954	0.1000	19.3	20.0	-3.3	25.0
1,3-Dichloropropane	Ave	0.9170	0.9266	0.1000	20.2	20.0	1.1	25.0
2-Hexanone	Ave	0.3491	0.3133	0.1000	17.9	20.0	-10.3	25.0
n-Butyl acetate	Ave	0.1647	0.1662	0.1000	40.4	40.0	0.9	25.0
Chlorodibromomethane	Ave	0.9082	0.9462	0.1000	20.8	20.0	4.2	25.0
1,2-Dibromoethane	Ave	0.7887	0.7888	0.1000	20.0	20.0	0.0	25.0
Chlorobenzene	Ave	1.044	1.071	0.1000	20.5	20.0	2.5	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.6200	0.1000	20.8	20.0	4.0	25.0
Ethylbenzene	Ave	0.4064	0.4181	0.1000	20.6	20.0	2.9	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.5403	0.1000	40.9	40.0	2.3	25.0
n-Butyl acrylate	Ave	0.4626	0.4678	0.1000	20.2	20.0	1.1	25.0
o-Xylene	Ave	0.5189	0.5389	0.1000	20.8	20.0	3.9	25.0
Styrene	Ave	0.9798	1.001	0.1000	20.4	20.0	2.2	25.0
Bromoform	Ave	0.5829	0.5645	0.1000	19.4	20.0	-3.2	25.0
Isopropylbenzene	Ave	1.205	1.256	0.1000	20.8	20.0	4.1	25.0
Camphene	Ave	0.3463	0.3376	0.1000	19.5	20.0	-2.5	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	2.034	0.1000	20.5	20.0	2.6	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.3665	0.1000	20.4	20.0	2.2	25.0
Bromobenzene	Ave	1.197	1.233	0.1000	20.6	20.0	3.0	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.4891	0.1000	21.6	20.0	7.8	25.0
N-Propylbenzene	Ave	3.069	3.055	0.1000	19.9	20.0	-0.5	25.0
2-Chlorotoluene	Ave	2.627	2.857	0.1000	21.8	20.0	8.8	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.261	0.1000	21.1	20.0	5.6	25.0
Butyl Methacrylate	Ave	1.814	1.829	0.1000	20.2	20.0	0.8	25.0
4-Chlorotoluene	Ave	2.874	2.996	0.1000	20.8	20.0	4.2	25.0
tert-Butylbenzene	Ave	2.027	2.113	0.1000	20.9	20.0	4.3	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.359	0.1000	21.1	20.0	5.5	25.0
sec-Butylbenzene	Ave	2.602	2.766	0.1000	21.3	20.0	6.3	25.0
4-Isopropyltoluene	Ave	2.063	2.056	0.1000	19.9	20.0	-0.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87487/10 Calibration Date: 09/28/2011 03:54
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j04032.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-Dichlorobenzene	Ave	1.391	1.609	0.1000	23.1	20.0	15.6	25.0
1,4-Dichlorobenzene	Ave	1.775	1.969	0.1000	22.2	20.0	10.9	25.0
Benzyl chloride	Ave	1.892	1.815	0.1000	19.2	20.0	-4.1	25.0
n-Butylbenzene	Ave	1.956	2.019	0.1000	20.6	20.0	3.2	25.0
1,2-Dichlorobenzene	Ave	1.525	1.690	0.1000	22.2	20.0	10.8	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3440	0.1000	18.1	20.0	-9.3	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.7247	0.1000	19.2	20.0	-3.9	25.0
Hexachlorobutadiene	Ave	0.5666	0.6952	0.1000	24.5	20.0	22.7	25.0
Naphthalene	QuaF	1.019	1.143	0.1000	17.8	20.0	-11.1	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.6093	0.1000	22.0	20.0	10.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3778	0.1000	48.9	50.0	-2.2	25.0
Toluene-d8 (Surr)	Ave	1.156	1.077	0.1000	46.6	50.0	-6.8	25.0
4-Bromofluorobenzene	Ave	1.067	1.077	0.1000	50.5	50.0	0.9	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11dea.b/j04032.d
 Report Date: 28-Sep-2011 09:41

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11dea.b/j04032.d
 Lab Smp Id: CCV
 Inj Date : 28-SEP-2011 03:54
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11dea.b/8260DE_09.m
 Meth Date : 28-Sep-2011 09:41 maryb Quant Type: ISTD
 Cal Date : 28-SEP-2011 03:54 Cal File: j04032.d
 Als bottle: 18 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.570	2.570	(0.327)	200114	20.0000	20
3 Chloromethane	50		2.735	2.735	(0.348)	128474	20.0000	17
4 Vinyl Chloride	62		2.918	2.918	(0.371)	122539	20.0000	16
6 Bromomethane	94		3.298	3.298	(0.419)	99461	20.0000	17
5 Chloroethane	64		3.415	3.415	(0.434)	58462	20.0000	16
7 Trichlorofluoromethane	101		3.734	3.734	(0.475)	216559	20.0000	19
11 Ethyl Ether	59		4.027	4.027	(0.512)	75442	20.0000	18
15 1,1-Dichloroethene	96		4.318	4.318	(0.549)	100141	20.0000	18
14 Freon TF	101		4.337	4.337	(0.551)	175012	20.0000	19
16 Acetone	58		4.381	4.381	(0.557)	5607	20.0000	16
17 Iodomethane	142		4.527	4.527	(0.576)	277220	20.0000	19
18 Carbon Disulfide	76		4.608	4.608	(0.586)	262116	20.0000	16
27 Methyl Acetate	74		4.727	4.727	(0.601)	22192	20.0000	19
22 Methylene Chloride	84		4.882	4.882	(0.621)	130838	20.0000	20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
24 TBA	59	4.982	4.982	(0.633)	144718	400.000	320
25 trans-1,2-Dichloroethene	96	5.192	5.192	(0.660)	120285	20.0000	20
26 Acrylonitrile	53	5.173	5.173	(0.658)	24692	20.0000	18
28 MTBE	73	5.173	5.173	(0.658)	283526	20.0000	18
29 Hexane	56	5.475	5.475	(0.696)	35107	20.0000	16
30 1,1-Dichloroethane	63	5.684	5.684	(0.722)	241573	20.0000	19
31 Vinyl Acetate	43	5.718	5.718	(0.727)	342184	20.0000	20
32 DIPE	45	5.718	5.718	(0.727)	520836	20.0000	18
35 t-Butyl-ethyl-ether	59	6.156	6.156	(0.783)	403929	20.0000	18
37 2,2-Dichloropropane	77	6.419	6.419	(0.816)	174294	20.0000	18
36 cis-1,2-Dichloroethene	96	6.401	6.401	(0.814)	136390	20.0000	20
38 2-Butanone	72	6.401	6.401	(0.814)	9570	20.0000	20
39 Ethyl Acetate	70	6.437	6.437	(0.818)	25816	40.0000	41
40 Bromochloromethane	128	6.710	6.710	(0.853)	91156	20.0000	22
41 Tetrahydrofuran	42	6.764	6.764	(0.860)	28760	20.0000	18
42 Chloroform	83	6.782	6.782	(0.862)	262726	20.0000	19
43 1,1,1-Trichloroethane	97	7.047	7.047	(0.896)	199517	20.0000	20
44 Cyclohexane	56	7.120	7.120	(0.905)	109982	20.0000	18
45 Carbon Tetrachloride	117	7.257	7.257	(0.923)	180298	20.0000	20
46 1,1-Dichloropropene	75	7.239	7.239	(0.920)	172817	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.458	7.458	(0.948)	282599	50.0000	49
48 Benzene	78	7.531	7.531	(0.665)	345129	20.0000	19
49 1,2-Dichloroethane	62	7.548	7.548	(0.960)	161395	20.0000	21
50 t-Amyl-methyl-ether	73	7.621	7.621	(0.969)	331896	20.0000	19
61 Isopropyl Acetate	43	7.531	7.531	(0.957)	688379	40.0000	48
* 52 Fluorobenzene	96	7.866	7.866	(1.000)	747930	50.0000	
54 Trichloroethene	95	8.305	8.305	(1.056)	147226	20.0000	21
56 Methyl cyclohexane	83	8.551	8.551	(1.087)	74507	20.0000	20
55 Ethyl Acrylate	55	8.396	8.396	(1.067)	157919	20.0000	19
57 1,2-Dichloropropane	63	8.597	8.597	(1.093)	156686	20.0000	20
58 Dibromomethane	93	8.750	8.750	(1.112)	141357	20.0000	22
59 Methyl Methacrylate	100	8.669	8.669	(1.102)	32909	20.0000	21
68 Bromodichloromethane	83	8.906	8.906	(1.132)	272129	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.213	9.213	(1.171)	85077	20.0000	23
63 Epichlorohydrin	57	9.330	9.330	(0.824)	212937	400.000	350
67 cis-1,3-Dichloropropene	75	9.413	9.413	(0.832)	227947	20.0000	19
70 4-Methyl-2-Pentanone	43	9.568	9.568	(0.845)	127479	20.0000	19
\$ 65 Toluene-d8 (SUR)	98	9.724	9.724	(0.859)	611267	50.0000	47
66 Toluene	91	9.807	9.807	(0.866)	334351	20.0000	19
64 trans-1,3-Dichloropropene	75	10.033	10.033	(0.886)	190818	20.0000	19
69 1,1,2-Trichloroethane	83	10.252	10.252	(0.906)	115951	20.0000	20
71 Tetrachloroethene	166	10.417	10.417	(0.920)	112398	20.0000	19
72 1,3-Dichloropropane	76	10.444	10.444	(0.923)	210252	20.0000	20
73 2-Hexanone	43	10.490	10.490	(0.927)	71085	20.0000	18
74 Dibromochloromethane	129	10.701	10.701	(0.945)	214700	20.0000	21
76 Butyl Acetate	73	10.600	10.600	(0.937)	75439	40.0000	40
77 1,2-Dibromoethane	107	10.848	10.848	(0.958)	178965	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11dea.b/j04032.d
 Report Date: 28-Sep-2011 09:41

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
* 78 Chlorobenzene-d5	117	11.318	11.318	(1.000)	567245	50.0000	
79 Chlorobenzene	112	11.344	11.344	(1.002)	242960	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	11.418	11.418	(1.009)	140668	20.0000	21
81 Ethylbenzene	106	11.436	11.436	(1.010)	94858	20.0000	20
82 m+p-Xylene	106	11.546	11.546	(1.020)	245197	40.0000	41
84 o-Xylene	106	11.966	11.966	(1.057)	122270	20.0000	21
85 Styrene	104	11.984	11.984	(1.059)	227235	20.0000	20
83 Butyl Acrylate	73	11.865	11.865	(1.048)	106142	20.0000	20
86 Bromoform	173	12.213	12.213	(1.079)	128093	20.0000	19
88 Isopropylbenzene	105	12.327	12.327	(1.089)	284871	20.0000	21
\$ 89 Bromofluorobenzene (SUR)	174	12.508	12.508	(0.910)	253166	50.0000	50
90 Camphene (total)	93	12.618	12.618	(1.115)	76592	20.0000	19
91 Bromobenzene	156	12.691	12.691	(0.923)	115942	20.0000	20
92 1,1,2,2-Tetrachloroethane	83	12.636	12.636	(0.919)	191269	20.0000	20
93 1,2,3-Trichloropropane	110	12.701	12.701	(0.924)	45992	20.0000	22
94 trans-1,4-Dichloro-2-butene	53	12.682	12.682	(0.923)	34459	20.0000	20
95 n-Propylbenzene	91	12.737	12.737	(0.927)	287273	20.0000	20
96 2-Chlorotoluene	91	12.865	12.865	(0.936)	268652	20.0000	22
97 1,3,5-Trimethylbenzene	105	12.911	12.911	(0.939)	212566	20.0000	21
98 4-Chlorotoluene	91	12.975	12.975	(0.944)	281692	20.0000	21
99 Butyl Methacrylate	87	12.948	12.948	(0.942)	171979	20.0000	20
100 tert-Butylbenzene	119	13.267	13.267	(0.965)	198738	20.0000	21
101 1,2,4-Trimethylbenzene	105	13.313	13.313	(0.969)	221849	20.0000	21
103 sec-Butylbenzene	105	13.496	13.496	(0.982)	260068	20.0000	21
105 1,3-Dichlorobenzene	146	13.670	13.670	(0.995)	151297	20.0000	23
107 p-Isopropyltoluene	119	13.642	13.642	(0.993)	193378	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.743	13.743	(1.000)	235087	50.0000	
109 1,4-Dichlorobenzene	146	13.771	13.771	(1.002)	185156	20.0000	22
110 Benzyl Chloride	91	13.916	13.916	(1.013)	170643	20.0000	19
106 n-Butylbenzene	91	14.105	14.105	(1.026)	189851	20.0000	21
111 1,2-Dichlorobenzene	146	14.215	14.215	(1.034)	158914	20.0000	22
112 1,2-Dibromo-3-chloropropane	75	15.188	15.188	(1.105)	32345	20.0000	18
114 1,2,4-Trichlorobenzene	180	16.364	16.364	(1.191)	68148	20.0000	19
115 Hexachlorobutadiene	225	16.578	16.578	(1.206)	65371	20.0000	24
116 Naphthalene	128	16.822	16.822	(1.224)	107504	20.0000	18
117 1,2,3-Trichlorobenzene	180	17.225	17.225	(1.253)	57298	20.0000	22
M 120 1,2-Dichloroethene (Total)	100				256675	40.0000	40
M 121 Xylene (Total)	100				367467	60.0000	62

Data File: j04032.d

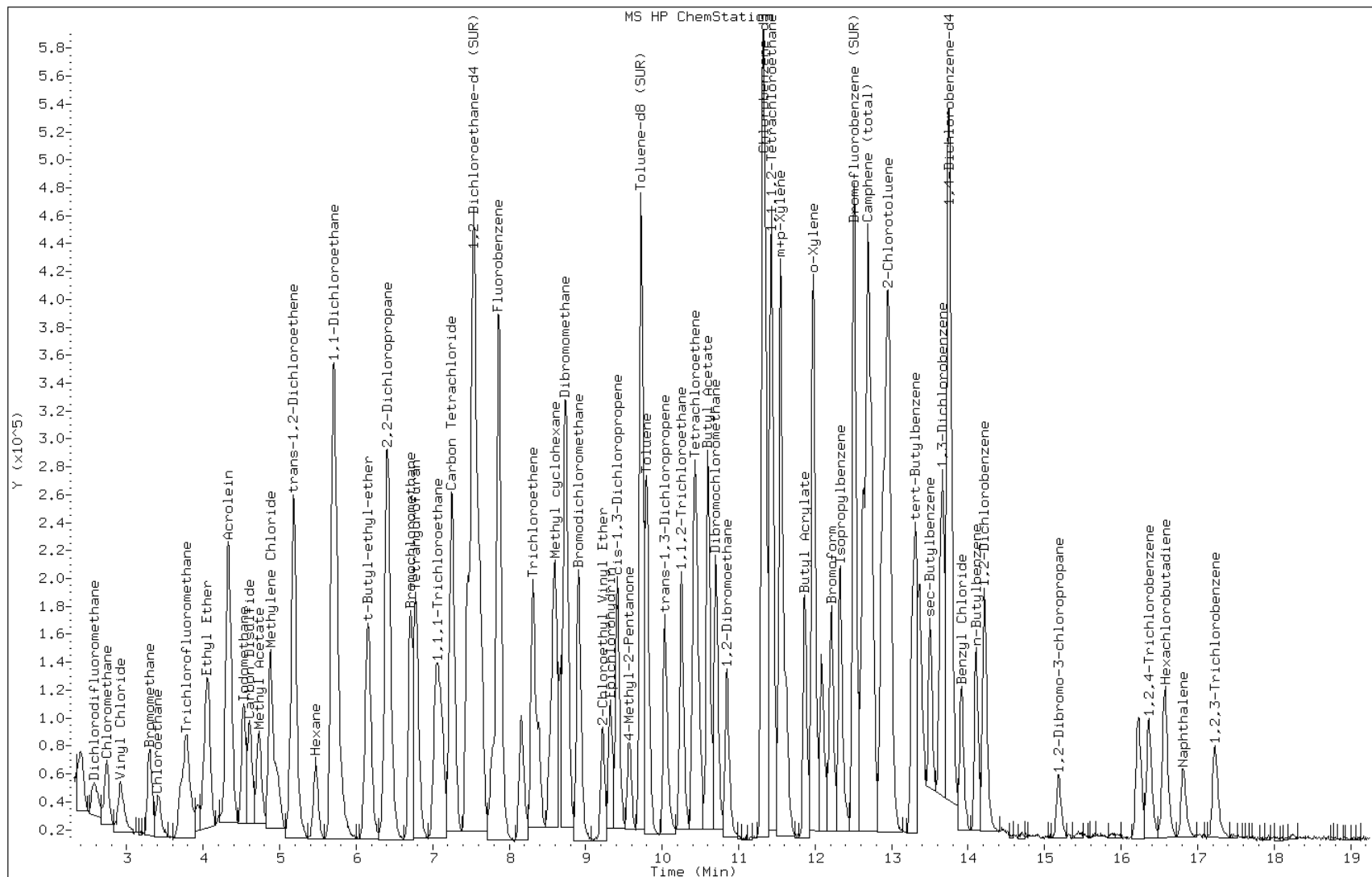
Date: 28-SEP-2011 03:54

Client ID:

Instrument: VOAMS8.i

Sample Info: CCV

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCVIS 460-88346/2 Calibration Date: 10/05/2011 04:07

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04280.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	QuaF	0.5724	0.6754	0.1000	19.7	20.0	-1.4	25.0
Chloromethane	QuaF	0.4099	0.4218	0.1000	16.7	20.0	-16.4	25.0
Vinyl chloride	QuaF	0.4113	0.4113	0.1000	16.1	20.0	-19.3	25.0
Bromomethane	Ave	0.3901	0.3294	0.1000	16.9	20.0	-15.6	25.0
Chloroethane	Ave	0.2397	0.2311	0.1000	19.3	20.0	-3.6	25.0
Trichlorofluoromethane	Ave	0.7688	0.8218	0.1000	21.4	20.0	6.9	25.0
Ethyl ether	Ave	0.2760	0.2870	0.1000	20.8	20.0	4.0	25.0
1,1-Dichloroethene	Ave	0.3601	0.3171	0.1000	17.6	20.0	-11.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.7024	0.1000	22.9	20.0	14.5	25.0
Acetone	Ave	0.0236	0.0214*	0.1000	18.2	20.0	-9.1	25.0
Iodomethane	Ave	0.9764	0.9796	0.1000	20.1	20.0	0.3	25.0
Carbon disulfide	Ave	1.102	1.115	0.1000	20.2	20.0	1.2	25.0
Methyl acetate	LinF	0.0879	0.0785*	0.1000	19.9	20.0	-0.5	25.0
Methylene Chloride	Ave	0.4475	0.4094	0.1000	18.3	20.0	-8.5	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0290*	0.1000	388	400	-3.0	25.0
Acrylonitrile	Ave	0.0940	0.0771*	0.1000	16.4	20.0	-18.0	25.0
Methyl tert-butyl ether	Ave	1.026	0.9747	0.1000	19.0	20.0	-5.0	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.3742	0.1000	18.2	20.0	-9.0	25.0
Hexane	LinF	0.1318	0.1444	0.1000	20.2	20.0	1.2	25.0
1,1-Dichloroethane	Ave	0.8431	0.7688	0.1000	18.2	20.0	-8.8	25.0
Isopropyl ether	Ave	1.928	1.803	0.1000	18.7	20.0	-6.5	25.0
Vinyl acetate	LinF	1.383	1.239	0.1000	21.3	20.0	6.3	25.0
Tert-butyl ethyl ether	Ave	1.453	1.364	0.1000	18.8	20.0	-6.1	25.0
2-Butanone (MEK)	Ave	0.0316	0.0312*	0.1000	19.8	20.0	-1.2	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4068	0.1000	18.2	20.0	-8.8	25.0
2,2-Dichloropropane	Ave	0.6466	0.5491	0.1000	17.0	20.0	-15.1	25.0
Ethyl acetate	Ave	0.0417	0.0403*	0.1000	38.7	40.0	-3.3	25.0
Chlorobromomethane	Ave	0.2833	0.2627	0.1000	18.5	20.0	-7.3	25.0
Tetrahydrofuran	Ave	0.1065	0.0882*	0.1000	16.6	20.0	-17.2	25.0
Chloroform	Ave	0.9049	0.7785	0.1000	17.2	20.0	-14.0	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.5819	0.1000	17.5	20.0	-12.6	25.0
Cyclohexane	Ave	0.4053	0.4234	0.1000	20.9	20.0	4.5	25.0
1,1-Dichloropropene	Ave	0.6031	0.5001	0.1000	16.6	20.0	-17.1	25.0
Carbon tetrachloride	Ave	0.6035	0.4973	0.1000	16.5	20.0	-17.6	25.0
Benzene	Ave	1.575	1.452	0.1000	18.4	20.0	-7.8	25.0
Isopropyl acetate	LinF	1.197	1.053	0.1000	43.9	40.0	9.8	25.0
1,2-Dichloroethane	Ave	0.5106	0.4451	0.1000	17.4	20.0	-12.8	25.0
Tert-amyl methyl ether	Ave	1.138	1.036	0.1000	18.2	20.0	-9.0	25.0
Trichloroethene	Ave	0.4585	0.4159	0.1000	18.1	20.0	-9.3	25.0
Ethyl acrylate	Ave	0.5606	0.4542	0.1000	16.2	20.0	-19.0	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCVIS 460-88346/2 Calibration Date: 10/05/2011 04:07

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04280.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
Methylcyclohexane	Ave	0.2481	0.2831	0.1000	22.8	20.0	14.1	25.0
1,2-Dichloropropane	Ave	0.5098	0.4420	0.1000	17.3	20.0	-13.3	25.0
Methyl methacrylate	Ave	0.1035	0.0910*	0.1000	17.6	20.0	-12.0	25.0
Dibromomethane	Ave	0.4323	0.3915	0.1000	18.1	20.0	-9.4	25.0
Dichlorobromomethane	Ave	0.8857	0.7323	0.1000	16.5	20.0	-17.3	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2220	0.1000	17.7	20.0	-11.4	25.0
Epichlorohydrin	Ave	0.0530	0.0516*	0.1000	389	400	-2.7	25.0
cis-1,3-Dichloropropene	Ave	1.051	0.9002	0.1000	17.1	20.0	-14.4	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5585	0.1000	18.8	20.0	-6.1	25.0
Toluene	Ave	1.563	1.335	0.1000	17.1	20.0	-14.6	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.7432	0.1000	16.9	20.0	-15.6	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.4594	0.1000	18.2	20.0	-9.1	25.0
Tetrachloroethene	Ave	0.5125	0.4721	0.1000	18.4	20.0	-7.9	25.0
1,3-Dichloropropane	Ave	0.9170	0.8489	0.1000	18.5	20.0	-7.4	25.0
2-Hexanone	Ave	0.3491	0.3070	0.1000	17.6	20.0	-12.1	25.0
n-Butyl acetate	Ave	0.1647	0.1649	0.1000	40.0	40.0	0.1	25.0
Chlorodibromomethane	Ave	0.9082	0.8247	0.1000	18.2	20.0	-9.2	25.0
1,2-Dibromoethane	Ave	0.7887	0.7048	0.1000	17.9	20.0	-10.6	25.0
Chlorobenzene	Ave	1.044	0.9836	0.1000	18.8	20.0	-5.8	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.5622	0.1000	18.9	20.0	-5.7	25.0
Ethylbenzene	Ave	0.4064	0.3757	0.1000	18.5	20.0	-7.6	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.4928	0.1000	37.3	40.0	-6.7	25.0
n-Butyl acrylate	Ave	0.4626	0.4497	0.1000	19.4	20.0	-2.8	25.0
o-Xylene	Ave	0.5189	0.4803	0.1000	18.5	20.0	-7.4	25.0
Styrene	Ave	0.9798	0.8916	0.1000	18.2	20.0	-9.0	25.0
Bromoform	Ave	0.5829	0.5151	0.1000	17.7	20.0	-11.6	25.0
Isopropylbenzene	Ave	1.205	1.133	0.1000	18.8	20.0	-6.0	25.0
Camphene	Ave	0.3463	0.3797	0.1000	21.9	20.0	9.6	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	1.843	0.1000	18.6	20.0	-7.0	25.0
Bromobenzene	Ave	1.197	1.116	0.1000	18.6	20.0	-6.8	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.4355	0.1000	19.2	20.0	-4.0	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.3739	0.1000	20.9	20.0	4.3	25.0
N-Propylbenzene	Ave	3.069	2.901	0.1000	18.9	20.0	-5.5	25.0
2-Chlorotoluene	Ave	2.627	2.565	0.1000	19.5	20.0	-2.4	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.144	0.1000	20.0	20.0	0.1	25.0
Butyl Methacrylate	Ave	1.814	1.860	0.1000	20.5	20.0	2.5	25.0
4-Chlorotoluene	Ave	2.874	2.735	0.1000	19.0	20.0	-4.9	25.0
tert-Butylbenzene	Ave	2.027	2.064	0.1000	20.4	20.0	1.8	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.214	0.1000	19.8	20.0	-1.0	25.0
sec-Butylbenzene	Ave	2.602	2.773	0.1000	21.3	20.0	6.6	25.0
4-Isopropyltoluene	Ave	2.063	2.136	0.1000	20.7	20.0	3.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-88346/2 Calibration Date: 10/05/2011 04:07
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j04280.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-Dichlorobenzene	Ave	1.391	1.429	0.1000	20.5	20.0	2.7	25.0
1,4-Dichlorobenzene	Ave	1.775	1.828	0.1000	20.6	20.0	3.0	25.0
Benzyl chloride	Ave	1.892	2.061	0.1000	21.8	20.0	8.9	25.0
n-Butylbenzene	Ave	1.956	2.123	0.1000	21.7	20.0	8.5	25.0
1,2-Dichlorobenzene	Ave	1.525	1.600	0.1000	21.0	20.0	4.9	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3379	0.1000	17.8	20.0	-10.9	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.8225	0.1000	21.8	20.0	9.0	25.0
Hexachlorobutadiene	Ave	0.5666	0.7813	0.1000	27.6	20.0	37.9*	25.0
Naphthalene	QuaF	1.019	1.260	0.1000	19.6	20.0	-2.1	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.5780	0.1000	20.9	20.0	4.6	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3548	0.1000	46.0	50.0	-8.1	25.0
Toluene-d8 (Surr)	Ave	1.156	1.065	0.1000	46.1	50.0	-7.9	25.0
4-Bromofluorobenzene	Ave	1.067	1.045	0.1000	49.0	50.0	-2.1	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04280.d
 Report Date: 05-Oct-2011 09:06

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04280.d
 Lab Smp Id: CCVIS
 Inj Date : 05-OCT-2011 04:07
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
 Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
 Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
 Als bottle: 1 Continuing Calibration Sample
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.564	2.564	(0.327)	132619	20.0000	20
3 Chloromethane	50	2.717	2.717	(0.347)	82818	20.0000	17
4 Vinyl Chloride	62	2.890	2.890	(0.369)	80764	20.0000	16
6 Bromomethane	94	3.279	3.279	(0.419)	64687	20.0000	17
5 Chloroethane	64	3.389	3.389	(0.433)	45378	20.0000	19
7 Trichlorofluoromethane	101	3.708	3.708	(0.473)	161357	20.0000	21
11 Ethyl Ether	59	3.990	3.990	(0.509)	56349	20.0000	21
15 1,1-Dichloroethene	96	4.291	4.291	(0.548)	62267	20.0000	18
14 Freon TF	101	4.300	4.300	(0.549)	137927	20.0000	23
16 Acetone	58	4.355	4.355	(0.556)	4207	20.0000	18
17 Iodomethane	142	4.501	4.501	(0.575)	192348	20.0000	20
18 Carbon Disulfide	76	4.574	4.574	(0.584)	218928	20.0000	20
27 Methyl Acetate	74	4.711	4.711	(0.601)	15406	20.0000	20
22 Methylene Chloride	84	4.857	4.857	(0.620)	80392	20.0000	18

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04280.d
 Report Date: 05-Oct-2011 09:06

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
24 TBA	59	4.939	4.939	(0.630)	114031	400.000	390
25 trans-1,2-Dichloroethene	96	5.159	5.159	(0.658)	73481	20.0000	18
26 Acrylonitrile	53	5.131	5.131	(0.655)	15133	20.0000	16
28 MTBE	73	5.140	5.140	(0.656)	191395	20.0000	19
29 Hexane	56	5.442	5.442	(0.695)	28358	20.0000	20
30 1,1-Dichloroethane	63	5.661	5.661	(0.723)	150953	20.0000	18
31 Vinyl Acetate	43	5.679	5.679	(0.725)	243312	20.0000	21
32 DIPE	45	5.679	5.679	(0.725)	353966	20.0000	19
35 t-Butyl-ethyl-ether	59	6.124	6.124	(0.782)	267820	20.0000	19
37 2,2-Dichloropropane	77	6.389	6.389	(0.816)	107814	20.0000	17
36 cis-1,2-Dichloroethene	96	6.371	6.371	(0.813)	79876	20.0000	18
38 2-Butanone	72	6.371	6.371	(0.813)	6126	20.0000	20
39 Ethyl Acetate	70	6.407	6.407	(0.818)	15820	40.0000	39
40 Bromochloromethane	128	6.678	6.678	(0.852)	51585	20.0000	18
41 Tetrahydrofuran	42	6.724	6.724	(0.858)	17319	20.0000	16
42 Chloroform	83	6.751	6.751	(0.862)	152856	20.0000	17
43 1,1,1-Trichloroethane	97	7.016	7.016	(0.896)	114261	20.0000	17
44 Cyclohexane	56	7.098	7.098	(0.906)	83132	20.0000	21
45 Carbon Tetrachloride	117	7.234	7.234	(0.923)	97653	20.0000	16
46 1,1-Dichloropropene	75	7.215	7.215	(0.921)	98196	20.0000	16
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.425	7.425	(0.948)	174189	50.0000	46
48 Benzene	78	7.506	7.506	(0.664)	191456	20.0000	18
49 1,2-Dichloroethane	62	7.525	7.525	(0.961)	87396	20.0000	17
50 t-Amyl-methyl-ether	73	7.598	7.598	(0.970)	203415	20.0000	18
61 Isopropyl Acetate	43	7.506	7.506	(0.958)	413519	40.0000	44
* 52 Fluorobenzene	96	7.834	7.834	(1.000)	490892	50.0000	
54 Trichloroethene	95	8.288	8.288	(1.058)	81662	20.0000	18
56 Methyl cyclohexane	83	8.525	8.525	(1.088)	55581	20.0000	23
55 Ethyl Acrylate	55	8.361	8.361	(1.067)	89194	20.0000	16
57 1,2-Dichloropropane	63	8.571	8.571	(1.094)	86783	20.0000	17
58 Dibromomethane	93	8.727	8.727	(1.114)	76872	20.0000	18
59 Methyl Methacrylate	100	8.653	8.653	(1.105)	17876	20.0000	18
68 Bromodichloromethane	83	8.891	8.891	(1.135)	143791	20.0000	16
62 2-Chloroethyl Vinyl Ether	63	9.207	9.207	(1.175)	43597	20.0000	18
63 Epichlorohydrin	57	9.307	9.307	(0.823)	136014	400.000	390
67 cis-1,3-Dichloropropene	75	9.398	9.398	(0.832)	118712	20.0000	17
70 4-Methyl-2-Pentanone	43	9.554	9.554	(0.845)	73653	20.0000	19
\$ 65 Toluene-d8 (SUR)	98	9.709	9.709	(0.859)	351112	50.0000	46
66 Toluene	91	9.782	9.782	(0.865)	176023	20.0000	17
64 trans-1,3-Dichloropropene	75	10.019	10.019	(0.886)	98009	20.0000	17
69 1,1,2-Trichloroethane	83	10.237	10.237	(0.906)	60580	20.0000	18
71 Tetrachloroethene	166	10.401	10.401	(0.920)	62255	20.0000	18
72 1,3-Dichloropropane	76	10.429	10.429	(0.923)	111943	20.0000	18
73 2-Hexanone	43	10.482	10.482	(0.927)	40488	20.0000	18
74 Dibromochloromethane	129	10.683	10.683	(0.945)	108753	20.0000	18
76 Butyl Acetate	73	10.592	10.592	(0.937)	43492	40.0000	40
77 1,2-Dibromoethane	107	10.828	10.828	(0.958)	92945	20.0000	18

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04280.d
 Report Date: 05-Oct-2011 09:06

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
* 78 Chlorobenzene-d5	117	11.302	11.302	(1.000)	329683	50.0000	
79 Chlorobenzene	112	11.339	11.339	(1.003)	129713	20.0000	19
80 1,1,1,2-Tetrachloroethane	131	11.412	11.412	(1.010)	74134	20.0000	19
81 Ethylbenzene	106	11.422	11.422	(1.011)	49539	20.0000	18
82 m+p-Xylene	106	11.540	11.540	(1.021)	129982	40.0000	37
84 o-Xylene	106	11.959	11.959	(1.058)	63344	20.0000	18
85 Styrene	104	11.968	11.968	(1.059)	117571	20.0000	18
83 Butyl Acrylate	73	11.849	11.849	(1.048)	59306	20.0000	19
86 Bromoform	173	12.204	12.204	(1.080)	67925	20.0000	18
88 Isopropylbenzene	105	12.314	12.314	(1.089)	149384	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	12.497	12.497	(0.910)	142789	50.0000	49
90 Camphene (total)	93	12.607	12.607	(1.115)	50067	20.0000	22
91 Bromobenzene	156	12.671	12.671	(0.923)	61015	20.0000	19
92 1,1,2,2-Tetrachloroethane	83	12.625	12.625	(0.919)	100760	20.0000	19
93 1,2,3-Trichloropropane	110	12.689	12.689	(0.924)	23808	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	12.689	12.689	(0.924)	20441	20.0000	21
95 n-Propylbenzene	91	12.735	12.735	(0.927)	158602	20.0000	19
96 2-Chlorotoluene	91	12.855	12.855	(0.936)	140216	20.0000	20
97 1,3,5-Trimethylbenzene	105	12.891	12.891	(0.939)	117195	20.0000	20
98 4-Chlorotoluene	91	12.965	12.965	(0.944)	149485	20.0000	19
99 Butyl Methacrylate	87	12.937	12.937	(0.942)	101703	20.0000	20
100 tert-Butylbenzene	119	13.256	13.256	(0.965)	112825	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.302	13.302	(0.969)	121052	20.0000	20
103 sec-Butylbenzene	105	13.493	13.493	(0.983)	151587	20.0000	21
105 1,3-Dichlorobenzene	146	13.667	13.667	(0.995)	78108	20.0000	20
107 p-Isopropyltoluene	119	13.630	13.630	(0.993)	116754	20.0000	21
* 108 1,4-Dichlorobenzene-d4	152	13.731	13.731	(1.000)	136664	50.0000	
109 1,4-Dichlorobenzene	146	13.759	13.759	(1.002)	99943	20.0000	21
110 Benzyl Chloride	91	13.901	13.901	(1.012)	112668	20.0000	22
106 n-Butylbenzene	91	14.091	14.091	(1.026)	116054	20.0000	22
111 1,2-Dichlorobenzene	146	14.208	14.208	(1.035)	87475	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	15.173	15.173	(1.105)	18470	20.0000	18
114 1,2,4-Trichlorobenzene	180	16.362	16.362	(1.192)	44962	20.0000	22
115 Hexachlorobutadiene	225	16.563	16.563	(1.206)	42708	20.0000	28
116 Naphthalene	128	16.802	16.802	(1.224)	68867	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.215	17.215	(1.254)	31596	20.0000	21
M 120 1,2-Dichloroethene (Total)	100				153357	40.0000	36
M 121 Xylene (Total)	100				193326	60.0000	56

Data File: j04280.d

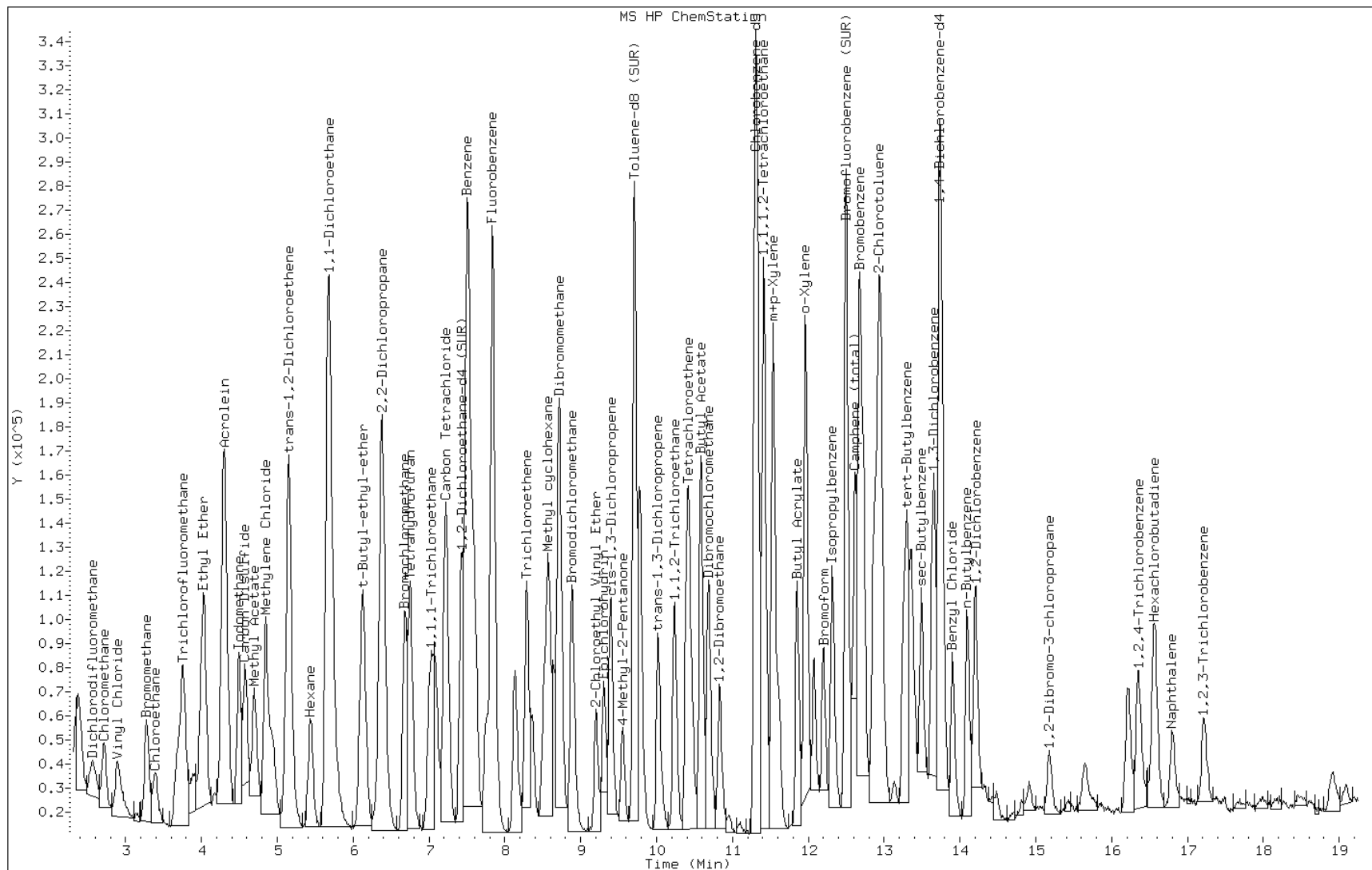
Date: 05-OCT-2011 04:07

Client ID:

Instrument: VOAMS8.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-88346/8 Calibration Date: 10/05/2011 12:37

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04297.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	QuaF	0.5724	0.6781	0.1000	20.1	20.0	0.4	25.0
Chloromethane	QuaF	0.4099	0.3605	0.1000	17.1	20.0	-14.5	25.0
Vinyl chloride	QuaF	0.4113	0.4136	0.1000	20.1	20.0	0.6	25.0
Bromomethane	Ave	0.3901	0.3499	0.1000	21.2	20.0	-10.3	25.0
Chloroethane	Ave	0.2397	0.2181	0.1000	18.9	20.0	-9.0	25.0
Trichlorofluoromethane	Ave	0.7688	0.7719	0.1000	18.8	20.0	0.4	25.0
Ethyl ether	Ave	0.2760	0.2431	0.1000	16.9	20.0	-11.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.6136	0.6340	0.1000	18.1	20.0	3.3	25.0
1,1-Dichloroethene	Ave	0.3601	0.3267	0.1000	20.6	20.0	-9.3	25.0
Acetone	Ave	0.0236	0.0201*	0.1000	18.8	20.0	-14.6	25.0
Iodomethane	Ave	0.9764	0.9237	0.1000	18.9	20.0	-5.4	25.0
Carbon disulfide	Ave	1.102	0.9869	0.1000	17.7	20.0	-10.4	25.0
Methyl acetate	LinF	0.0879	0.0702*	0.1000	17.9	20.0	-10.6	25.0
Methylene Chloride	Ave	0.4475	0.3993	0.1000	19.5	20.0	-10.8	25.0
2-Methyl-2-propanol	Ave	0.0299	0.0245*	0.1000	338	400	-18.2	25.0
Acrylonitrile	Ave	0.0940	0.0710*	0.1000	18.4	20.0	-24.4	25.0
Methyl tert-butyl ether	Ave	1.026	0.8491	0.1000	17.4	20.0	-17.2	25.0
trans-1,2-Dichloroethene	Ave	0.4114	0.3859	0.1000	20.6	20.0	-6.2	25.0
Hexane	LinF	0.1318	0.1175	0.1000	16.3	20.0	-18.7	25.0
1,1-Dichloroethane	Ave	0.8431	0.7489	0.1000	19.5	20.0	-11.2	25.0
Isopropyl ether	Ave	1.928	1.605	0.1000	17.8	20.0	-16.8	25.0
Vinyl acetate	LinF	1.383	1.007	0.1000	16.3	20.0	-18.7	25.0
Tert-butyl ethyl ether	Ave	1.453	1.241	0.1000	18.2	20.0	-14.6	25.0
2-Butanone (MEK)	Ave	0.0316	0.0260*	0.1000	16.7	20.0	-17.7	25.0
2,2-Dichloropropane	Ave	0.6466	0.5205	0.1000	19.0	20.0	-19.5	25.0
cis-1,2-Dichloroethene	Ave	0.4460	0.4050	0.1000	19.9	20.0	-9.2	25.0
Ethyl acetate	Ave	0.0417	0.0396*	0.1000	39.3	40.0	-5.1	25.0
Chlorobromomethane	Ave	0.2833	0.2695	0.1000	20.5	20.0	-4.9	25.0
Tetrahydrofuran	Ave	0.1065	0.0813*	0.1000	18.4	20.0	-23.7	25.0
Chloroform	Ave	0.9049	0.7902	0.1000	20.3	20.0	-12.7	25.0
1,1,1-Trichloroethane	Ave	0.6660	0.6163	0.1000	21.2	20.0	-7.5	25.0
Cyclohexane	Ave	0.4053	0.3837	0.1000	18.1	20.0	-5.3	25.0
1,1-Dichloropropene	Ave	0.6031	0.5274	0.1000	21.1	20.0	-12.5	25.0
Carbon tetrachloride	Ave	0.6035	0.5354	0.1000	21.5	20.0	-11.3	25.0
Benzene	Ave	1.575	1.488	0.1000	20.5	20.0	-5.5	25.0
Isopropyl acetate	LinF	1.197	1.008	0.1000	38.3	40.0	-4.3	25.0
1,2-Dichloroethane	Ave	0.5106	0.4684	0.1000	21.0	20.0	-8.3	25.0
Tert-amyl methyl ether	Ave	1.138	0.999	0.1000	19.3	20.0	-12.2	25.0
Trichloroethene	Ave	0.4585	0.4424	0.1000	21.3	20.0	-3.5	25.0
Ethyl acrylate	Ave	0.5606	0.4380	0.1000	19.3	20.0	-21.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-88346/8 Calibration Date: 10/05/2011 12:37

Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00

Lab File ID: j04297.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
Methylcyclohexane	Ave	0.2481	0.2692	0.1000	19.0	20.0	8.5	25.0
1,2-Dichloropropane	Ave	0.5098	0.4581	0.1000	20.7	20.0	-10.1	25.0
Methyl methacrylate	Ave	0.1035	0.0917*	0.1000	20.1	20.0	-11.5	25.0
Dibromomethane	Ave	0.4323	0.4052	0.1000	20.7	20.0	-6.3	25.0
Dichlorobromomethane	Ave	0.8857	0.7695	0.1000	21.0	20.0	-13.1	25.0
2-Chloroethyl vinyl ether	Ave	0.2506	0.2421	0.1000	21.8	20.0	-3.4	25.0
Epichlorohydrin	Ave	0.0530	0.0463*	0.1000	359	400	-12.6	25.0
cis-1,3-Dichloropropene	Ave	1.051	0.8960	0.1000	19.9	20.0	-14.8	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5951	0.5205	0.1000	18.6	20.0	-12.5	25.0
Toluene	Ave	1.563	1.399	0.1000	21.0	20.0	-10.5	25.0
trans-1,3-Dichloropropene	Ave	0.8805	0.7430	0.1000	20.0	20.0	-15.6	25.0
1,1,2-Trichloroethane	Ave	0.5053	0.4535	0.1000	19.7	20.0	-10.3	25.0
Tetrachloroethene	Ave	0.5125	0.5153	0.1000	21.8	20.0	0.5	25.0
1,3-Dichloropropane	Ave	0.9170	0.8314	0.1000	19.6	20.0	-9.3	25.0
2-Hexanone	Ave	0.3491	0.2875	0.1000	18.7	20.0	-17.6	25.0
n-Butyl acetate	Ave	0.1647	0.1599	0.1000	38.8	40.0	-2.9	25.0
Chlorodibromomethane	Ave	0.9082	0.8518	0.1000	20.7	20.0	-6.2	25.0
1,2-Dibromoethane	Ave	0.7887	0.7272	0.1000	20.6	20.0	-7.8	25.0
Chlorobenzene	Ave	1.044	1.020	0.1000	20.7	20.0	-2.4	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5962	0.5825	0.1000	20.7	20.0	-2.3	25.0
Ethylbenzene	Ave	0.4064	0.3951	0.1000	21.0	20.0	-2.8	25.0
m-Xylene & p-Xylene	Ave	0.5280	0.5430	0.1000	44.1	40.0	2.8	25.0
n-Butyl acrylate	Ave	0.4626	0.4300	0.1000	19.1	20.0	-7.0	25.0
o-Xylene	Ave	0.5189	0.5116	0.1000	21.3	20.0	-1.4	25.0
Styrene	Ave	0.9798	0.9386	0.1000	21.1	20.0	-4.2	25.0
Bromoform	Ave	0.5829	0.5313	0.1000	20.6	20.0	-8.9	25.0
Isopropylbenzene	Ave	1.205	1.214	0.1000	21.4	20.0	0.7	25.0
Camphene	Ave	0.3463	0.3630	0.1000	19.1	20.0	4.8	25.0
1,1,2,2-Tetrachloroethane	Ave	1.982	1.758	0.1000	19.1	20.0	-11.3	25.0
trans-1,4-Dichloro-2-butene	Ave	0.3585	0.3320	0.1000	17.8	20.0	-7.4	25.0
Bromobenzene	Ave	1.197	1.164	0.1000	20.9	20.0	-2.8	25.0
1,2,3-Trichloropropane	Ave	0.4537	0.4295	0.1000	19.7	20.0	-5.3	25.0
N-Propylbenzene	Ave	3.069	2.975	0.1000	20.5	20.0	-3.1	25.0
2-Chlorotoluene	Ave	2.627	2.697	0.1000	21.0	20.0	2.7	25.0
1,3,5-Trimethylbenzene	Ave	2.141	2.144	0.1000	20.0	20.0	0.2	25.0
Butyl Methacrylate	Ave	1.814	1.731	0.1000	18.6	20.0	-4.6	25.0
4-Chlorotoluene	Ave	2.874	2.890	0.1000	21.1	20.0	0.5	25.0
tert-Butylbenzene	Ave	2.027	2.142	0.1000	20.8	20.0	5.7	25.0
1,2,4-Trimethylbenzene	Ave	2.236	2.289	0.1000	20.7	20.0	2.3	25.0
sec-Butylbenzene	Ave	2.602	2.862	0.1000	20.6	20.0	10.0	25.0
4-Isopropyltoluene	Ave	2.063	2.100	0.1000	19.7	20.0	1.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88346/8 Calibration Date: 10/05/2011 12:37
 Instrument ID: VOAMS8 Calib Start Date: 09/22/2011 02:30
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 09/22/2011 05:00
 Lab File ID: j04297.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-Dichlorobenzene	Ave	1.391	1.438	0.1000	20.1	20.0	3.4	25.0
1,4-Dichlorobenzene	Ave	1.775	1.895	0.1000	20.7	20.0	6.8	25.0
Benzyl chloride	Ave	1.892	1.730	0.1000	16.8	20.0	-8.6	25.0
n-Butylbenzene	Ave	1.956	2.048	0.1000	19.3	20.0	4.7	25.0
1,2-Dichlorobenzene	Ave	1.525	1.618	0.1000	20.2	20.0	6.1	25.0
1,2-Dibromo-3-Chloropropane	LinF	0.3734	0.3307	0.1000	19.6	20.0	-2.1	25.0
1,2,4-Trichlorobenzene	QuaF	0.6187	0.7485	0.1000	18.2	20.0	-9.0	25.0
Hexachlorobutadiene	Ave	0.5666	0.7052	0.1000	18.1	20.0	24.5	25.0
Naphthalene	QuaF	1.019	1.119	0.1000	17.8	20.0	-11.2	25.0
1,2,3-Trichlorobenzene	LinF	0.4424	0.5327	0.1000	18.4	20.0	-7.8	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3861	0.3381	0.1000	47.6	50.0	-12.4	25.0
Toluene-d8 (Surr)	Ave	1.156	1.056	0.1000	49.6	50.0	-8.7	25.0
4-Bromofluorobenzene	Ave	1.067	1.021	0.1000	48.9	50.0	-4.3	25.0

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04297.d
 Report Date: 05-Oct-2011 12:57

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04297.d
 Lab Smp Id: CCV
 Inj Date : 05-OCT-2011 12:37
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
 Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
 Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
 Als bottle: 18
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
	(ug/L)	(ug/Kg)					
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.564	2.564	(0.327)	128895	20.0807	40
3 Chloromethane	50	2.719	2.717	(0.347)	68514	17.0923	34
4 Vinyl Chloride	62	2.892	2.890	(0.369)	78617	20.1115	40
6 Bromomethane	94	3.274	3.279	(0.418)	66508	21.2425	42
5 Chloroethane	64	3.382	3.389	(0.432)	41457	18.8756	38
7 Trichlorofluoromethane	101	3.683	3.708	(0.470)	146721	18.7867	38
11 Ethyl Ether	59	3.985	3.990	(0.509)	46213	16.9446	34
13 Acrolein	56	4.177	4.164	(0.533)	15402	28.4099	57
15 1,1-Dichloroethene	96	4.296	4.291	(0.549)	62099	20.6050	41
14 Freon TF	101	4.296	4.300	(0.549)	120515	18.0526	36
16 Acetone	58	4.332	4.355	(0.553)	3829	18.8046	38
17 Iodomethane	142	4.487	4.501	(0.573)	175572	18.8588	38
18 Carbon Disulfide	76	4.578	4.574	(0.585)	187592	17.7035	35
27 Methyl Acetate	74	4.695	4.711	(0.600)	13336	17.8859	36

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04297.d
Report Date: 05-Oct-2011 12:57

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.841	4.857	(0.618)	75888	19.5033	39
24 TBA	59	4.933	4.939	(0.630)	93145	337.530	680
25 trans-1,2-Dichloroethene	96	5.150	5.159	(0.658)	73349	20.6237	41
26 Acrylonitrile	53	5.131	5.131	(0.655)	13503	18.4357	37
28 MTBE	73	5.131	5.140	(0.655)	161385	17.4213	35
29 Hexane	56	5.428	5.442	(0.693)	22325	16.2656	32
30 1,1-Dichloroethane	63	5.656	5.661	(0.722)	142340	19.4820	39
31 Vinyl Acetate	43	5.674	5.679	(0.725)	191469	16.2585	32
32 DIPE	45	5.674	5.679	(0.725)	305071	17.8068	36
35 t-Butyl-ethyl-ether	59	6.120	6.124	(0.782)	235889	18.1974	36
37 2,2-Dichloropropane	77	6.364	6.389	(0.813)	98930	18.9583	38
36 cis-1,2-Dichloroethene	96	6.364	6.371	(0.813)	76980	19.9117	40
38 2-Butanone	72	6.355	6.371	(0.812)	4940	16.6609	33
39 Ethyl Acetate	70	6.392	6.407	(0.816)	15042	39.2907	78
40 Bromochloromethane	128	6.674	6.678	(0.852)	51228	20.5179	41
41 Tetrahydrofuran	42	6.720	6.724	(0.858)	15443	18.4233	37
42 Chloroform	83	6.747	6.751	(0.862)	150201	20.3019	41
43 1,1,1-Trichloroethane	97	7.002	7.016	(0.894)	117143	21.1819	42
44 Cyclohexane	56	7.075	7.098	(0.904)	72939	18.1276	36
45 Carbon Tetrachloride	117	7.221	7.234	(0.922)	101772	21.5323	43
46 1,1-Dichloropropene	75	7.202	7.215	(0.920)	100249	21.0928	42
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.422	7.425	(0.948)	160689	47.6488	95(R)
48 Benzene	78	7.494	7.506	(0.664)	197364	20.5001	41
49 1,2-Dichloroethane	62	7.520	7.525	(0.960)	89027	21.0465	42
50 t-Amyl-methyl-ether	73	7.592	7.598	(0.970)	189952	19.2933	38
61 Isopropyl Acetate	43	7.502	7.506	(0.958)	383209	38.2927	76
* 52 Fluorobenzene	96	7.829	7.834	(1.000)	475193	50.0000	
54 Trichloroethene	95	8.277	8.288	(1.057)	84086	21.2742	42
56 Methyl cyclohexane	83	8.522	8.525	(1.089)	51167	19.0202	38
55 Ethyl Acrylate	55	8.359	8.361	(1.068)	83252	19.2845	38
57 1,2-Dichloropropane	63	8.568	8.571	(1.094)	87065	20.7280	41
58 Dibromomethane	93	8.713	8.727	(1.113)	77018	20.7000	41
59 Methyl Methacrylate	100	8.641	8.653	(1.104)	17421	20.1351	40
68 Bromodichloromethane	83	8.878	8.891	(1.134)	146270	21.0170	42
62 2-Chloroethyl Vinyl Ether	63	9.196	9.207	(1.175)	46013	21.8057	44
63 Epichlorohydrin	57	9.297	9.307	(0.823)	122824	359.160	720
67 cis-1,3-Dichloropropene	75	9.387	9.398	(0.831)	118828	19.9058	40
70 4-Methyl-2-Pentanone	43	9.543	9.554	(0.845)	69036	18.6400	37
\$ 65 Toluene-d8 (SUR)	98	9.697	9.709	(0.859)	350063	49.5675	99(R)
66 Toluene	91	9.779	9.782	(0.866)	185540	20.9616	42
64 trans-1,3-Dichloropropene	75	10.008	10.019	(0.886)	98542	19.9945	40
69 1,1,2-Trichloroethane	83	10.225	10.237	(0.906)	60140	19.7422	39
71 Tetrachloroethene	166	10.390	10.401	(0.920)	68341	21.8305	44
72 1,3-Dichloropropane	76	10.417	10.429	(0.922)	110269	19.5891	39
73 2-Hexanone	43	10.472	10.482	(0.927)	38129	18.7282	37
74 Dibromochloromethane	129	10.680	10.683	(0.946)	112973	20.6581	41
76 Butyl Acetate	73	10.570	10.592	(0.936)	42404	38.7783	78

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04297.d
 Report Date: 05-Oct-2011 12:57

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.827	10.828	(0.959)	96440	20.6342	41
* 78 Chlorobenzene-d5	117	11.292	11.302	(1.000)	331566	50.0000	
79 Chlorobenzene	112	11.329	11.339	(1.003)	135240	20.7338	41
80 1,1,1,2-Tetrachloroethane	131	11.412	11.412	(1.011)	77256	20.7241	41
81 Ethylbenzene	106	11.412	11.422	(1.011)	52394	21.0328	42
82 m+p-Xylene	106	11.529	11.540	(1.021)	144018	44.0678	88
84 o-Xylene	106	11.947	11.959	(1.058)	67855	21.3028	43
85 Styrene	104	11.965	11.968	(1.060)	124487	21.0563	42
83 Butyl Acrylate	73	11.846	11.849	(1.049)	57032	19.1240	38
86 Bromoform	173	12.192	12.204	(1.080)	70467	20.6308	41
88 Isopropylbenzene	105	12.311	12.314	(1.090)	160975	21.4295	43
\$ 89 Bromofluorobenzene (SUR)	174	12.494	12.497	(0.911)	141897	48.8638	98(R)
90 Camphene (total)	93	12.592	12.607	(1.115)	48144	19.1228	38
91 Bromobenzene	156	12.675	12.671	(0.924)	64723	20.8636	42
92 1,1,2,2-Tetrachloroethane	83	12.619	12.625	(0.920)	97721	19.0752	38
93 1,2,3-Trichloropropane	110	12.684	12.689	(0.924)	23874	19.7233	39
94 trans-1,4-Dichloro-2-butene	53	12.665	12.689	(0.923)	18456	17.7587	36
95 n-Propylbenzene	91	12.730	12.735	(0.928)	165385	20.5095	41
96 2-Chlorotoluene	91	12.846	12.855	(0.936)	149933	21.0314	42
97 1,3,5-Trimethylbenzene	105	12.883	12.891	(0.939)	119194	20.0038	40
98 4-Chlorotoluene	91	12.956	12.965	(0.944)	160650	21.1374	42
99 Butyl Methacrylate	87	12.929	12.937	(0.942)	96211	18.6062	37
100 tert-Butylbenzene	119	13.257	13.256	(0.966)	119081	20.7590	42
101 1,2,4-Trimethylbenzene	105	13.294	13.302	(0.969)	127223	20.6709	41
103 sec-Butylbenzene	105	13.482	13.493	(0.983)	159088	20.6416	41
105 1,3-Dichlorobenzene	146	13.657	13.667	(0.995)	79934	20.1282	40
107 p-Isopropyltoluene	119	13.620	13.630	(0.993)	116747	19.6672	39
* 108 1,4-Dichlorobenzene-d4	152	13.721	13.731	(1.000)	138969	50.0000	
109 1,4-Dichlorobenzene	146	13.749	13.759	(1.002)	105336	20.7298	41
110 Benzyl Chloride	91	13.894	13.901	(1.013)	96148	16.7844	34
106 n-Butylbenzene	91	14.084	14.091	(1.026)	113820	19.2898	38
111 1,2-Dichlorobenzene	146	14.194	14.208	(1.034)	89934	20.2213	40
112 1,2-Dibromo-3-chloropropane	75	15.157	15.173	(1.105)	18385	19.5784	39
114 1,2,4-Trichlorobenzene	180	16.349	16.362	(1.192)	41608	18.2011	36
115 Hexachlorobutadiene	225	16.549	16.563	(1.206)	39200	18.0531	36
116 Naphthalene	128	16.787	16.802	(1.223)	62208	17.7667	36
117 1,2,3-Trichlorobenzene	180	17.206	17.215	(1.254)	29610	18.4323	37
M 120 1,2-Dichloroethene (Total)	100				150329	40.5057	81
M 121 Xylene (Total)	100				211874	65.3706	130

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: j04297.d

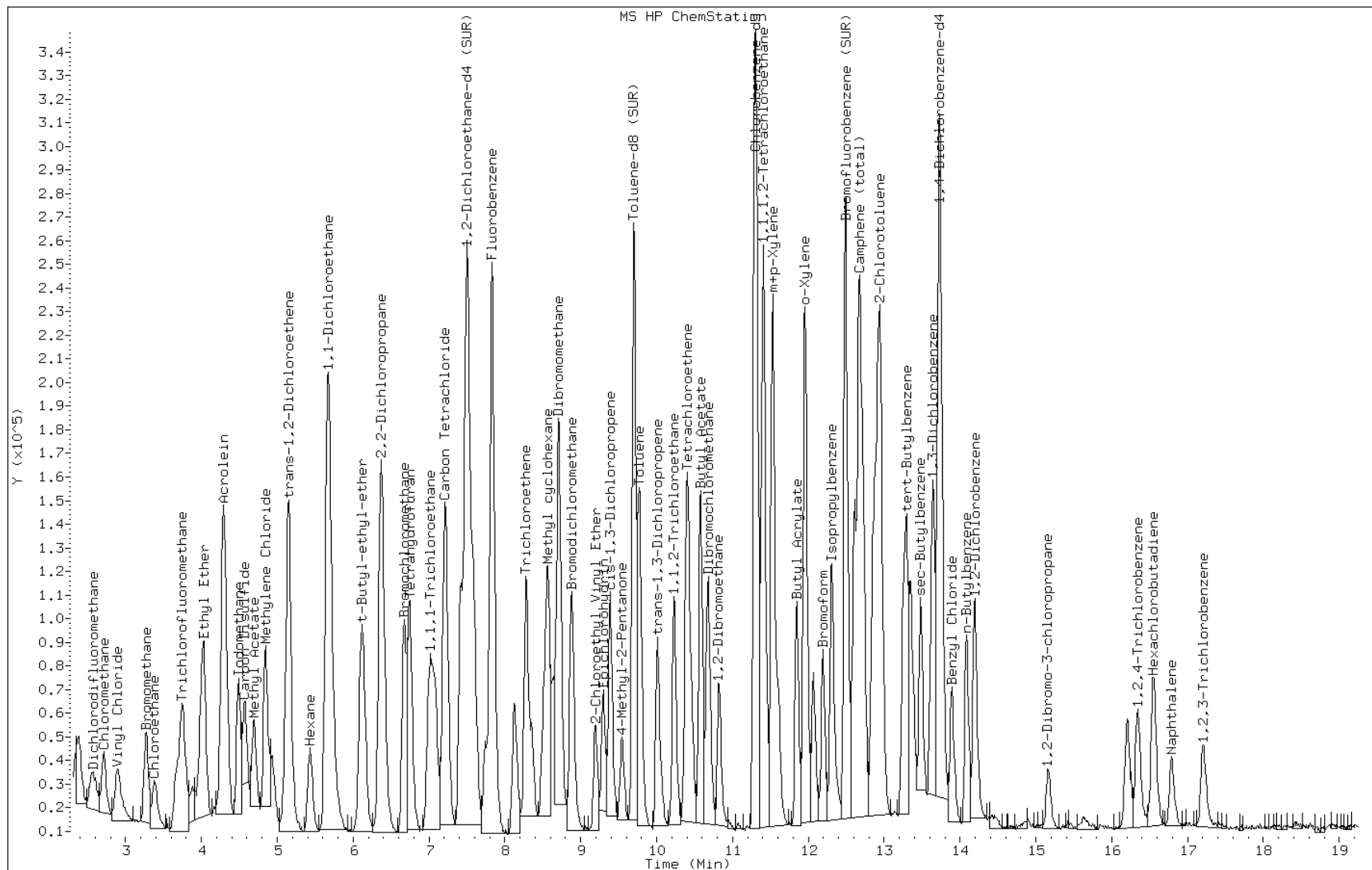
Date: 05-OCT-2011 12:37

Client ID:

Instrument: VOAMS8.i

Sample Info: CCV

Operator:



TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03832.d
 Lab Smp Id: BFB
 Inj Date : 22-SEP-2011 01:35
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/8260BFB.m
 Meth Date : 22-Oct-2010 18:32 maryb Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	ON-COL		TARGET RANGE	RATIO
				(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
6.952	7.025 (0.000)	95	160896			0.00- 100.00	100.00
6.952	7.025 (0.000)	50	37056			15.00- 40.00	23.03
6.952	7.025 (0.000)	75	77736			30.00- 60.00	48.31
6.952	7.025 (0.000)	96	11276			5.00- 9.00	7.01
6.952	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.952	7.025 (0.000)	174	93776			50.00- 100.00	58.28
6.952	7.025 (0.000)	175	6871			5.00- 9.00	7.33
6.952	7.025 (0.000)	176	91856			95.00- 101.00	97.95
6.952	7.025 (0.000)	177	5966			5.00- 9.00	6.49

Data File: j03832.d

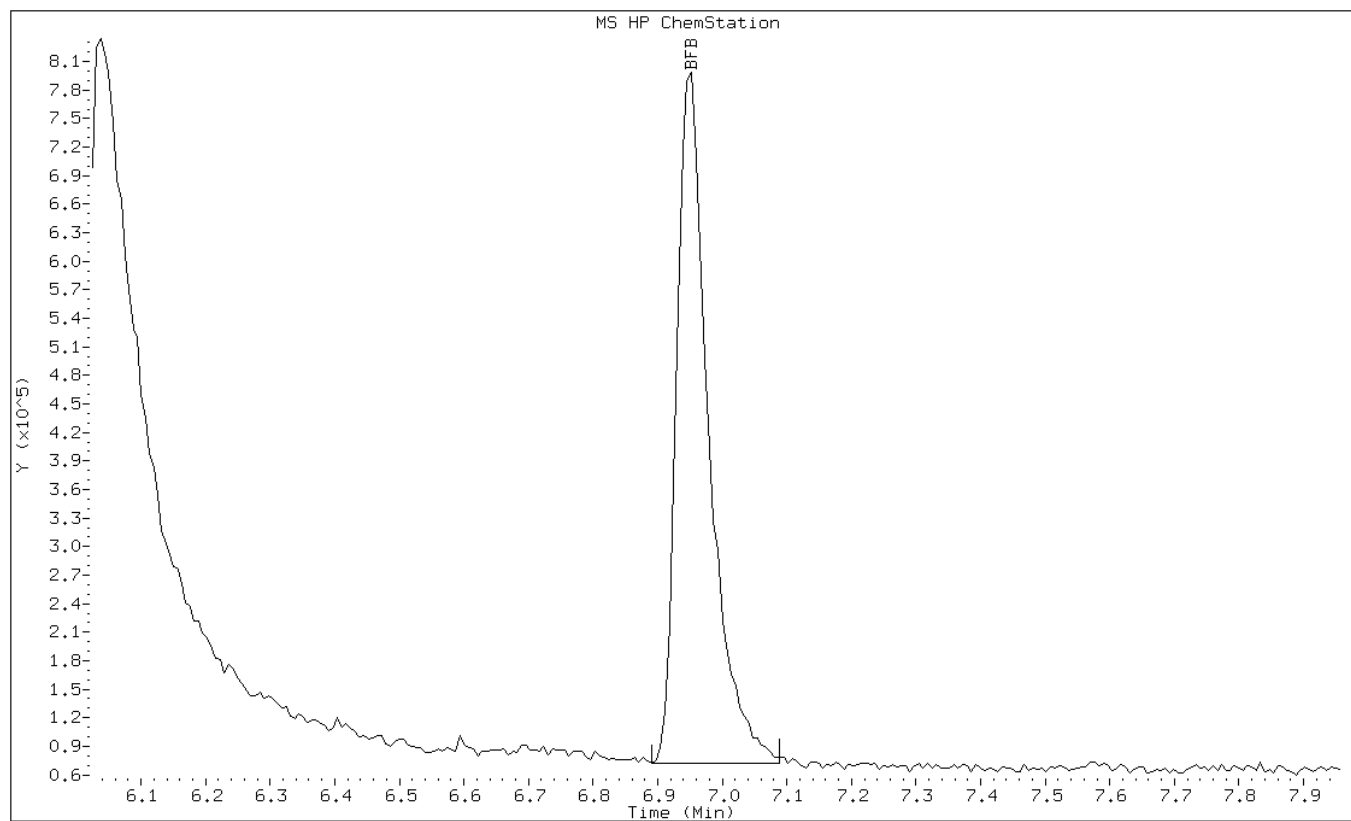
Date: 22-SEP-2011 01:35

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j03832.d

Date: 22-SEP-2011 01:35

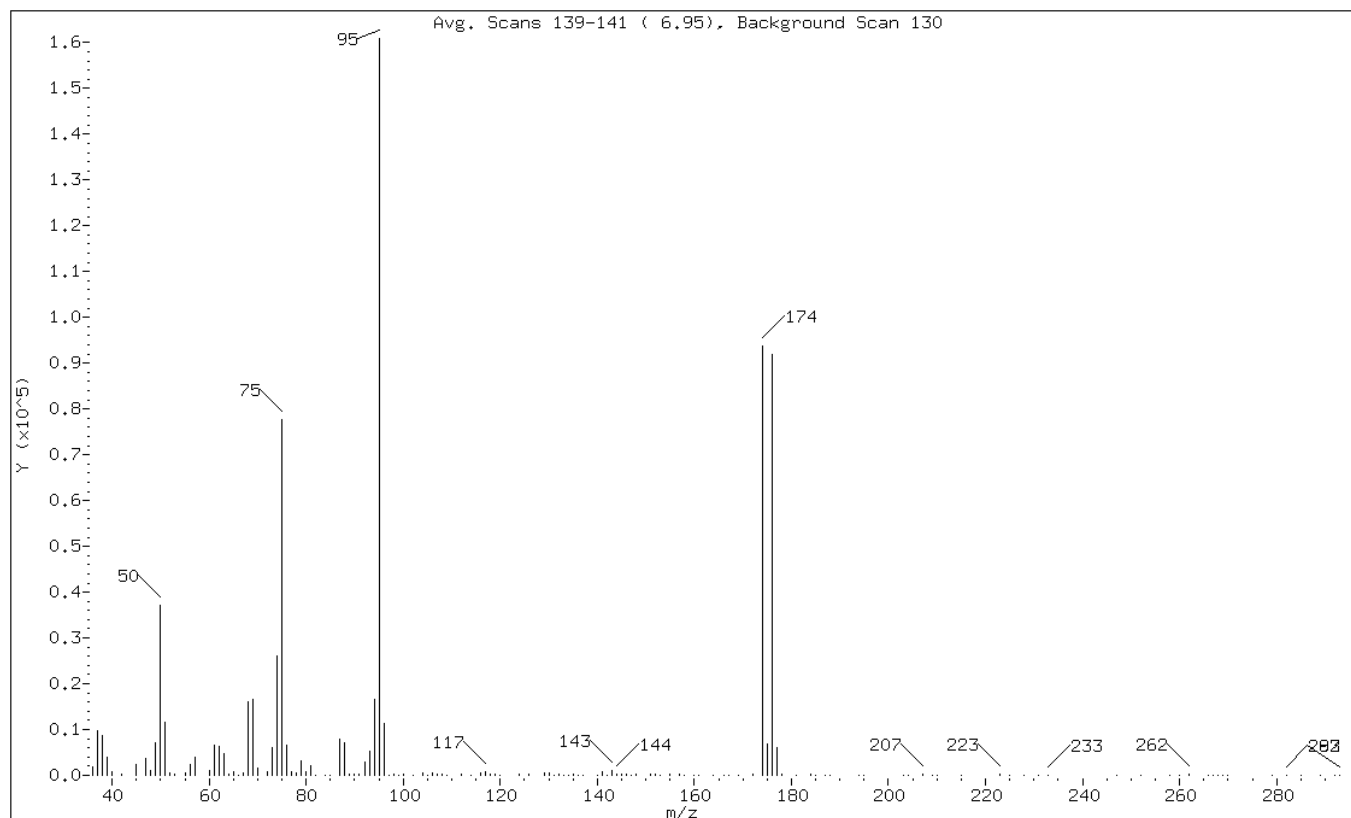
Client ID:

Instrument: VOAMS8.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	23.03
75	30.00 - 60.00% of mass 95	48.31
96	5.00 - 9.00% of mass 95	7.01
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	58.28
175	5.00 - 9.00% of mass 174	4.27 (7.33)
176	95.00 - 101.00% of mass 174	57.09 (97.95)
177	5.00 - 9.00% of mass 176	3.71 (6.49)

Data File: j03832.d

Date: 22-SEP-2011 01:35

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/22sep11de.b/j03832.d
Spectrum: Avg. Scans 139-141 (6.95), Background Scan 130
Location of Maximum: 95.00
Number of points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1846	80.00	744	130.00	584	184.00	333
37.00	9784	81.00	2186	131.00	115	185.00	117
38.00	8737	82.00	20	132.00	135	187.00	1
39.00	4022	84.00	51	133.00	19	188.00	80
40.00	704	85.00	50	134.00	83	194.00	92
42.00	323	87.00	7838	135.00	339	195.00	39
45.00	2239	88.00	7089	136.00	38	203.00	92
47.00	3680	89.00	160	137.00	97	204.00	36
48.00	982	90.00	164	140.00	3	207.00	278
49.00	7107	91.00	299	141.00	723	209.00	85
50.00	37056	92.00	3028	142.00	77	210.00	33
51.00	11698	93.00	5385	143.00	1041	215.00	62
52.00	432	94.00	16472	144.00	297	223.00	143
53.00	134	95.00	160896	145.00	220	225.00	48
55.00	508	96.00	11276	146.00	244	228.00	35
56.00	2476	97.00	66	147.00	73	231.00	46
57.00	3822	98.00	246	148.00	271	233.00	99
60.00	977	99.00	84	151.00	220	247.00	35
61.00	6647	100.00	135	152.00	201	252.00	104
62.00	6306	102.00	60	153.00	25	258.00	120
63.00	4712	104.00	398	155.00	192	260.00	50
64.00	247	105.00	37	157.00	272	262.00	139
65.00	676	106.00	500	158.00	34	266.00	38
66.00	41	107.00	312	160.00	92	267.00	44
67.00	483	108.00	143	161.00	81	268.00	75
68.00	15953	109.00	60	164.00	34	269.00	35
69.00	16712	112.00	285	166.00	58	270.00	34
70.00	1684	114.00	84	167.00	87	279.00	33
72.00	711	116.00	479	169.00	61	282.00	92
73.00	6152	117.00	664	172.00	145	285.00	44
74.00	26032	118.00	368	174.00	93776	289.00	65
75.00	77736	119.00	260	175.00	6871	292.00	44
76.00	6562	120.00	37	176.00	91856	293.00	57
77.00	833	124.00	169	177.00	5966		
78.00	633	126.00	204	178.00	165		
79.00	3097	129.00	480	181.00	58		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04015.d
 Lab Smp Id: BFB
 Inj Date : 27-SEP-2011 19:55
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260BFB.m
 Meth Date : 22-Oct-2010 18:32 maryb Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	ON-COL		TARGET RANGE	RATIO
				(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
1 BFB						CAS #: 460-00-4	
6.965	7.025 (0.000)	95	96720			0.00- 100.00	100.00
6.965	7.025 (0.000)	50	21704			15.00- 40.00	22.44
6.965	7.025 (0.000)	75	46352			30.00- 60.00	47.92
6.965	7.025 (0.000)	96	7226			5.00- 9.00	7.47
6.965	7.025 (0.000)	173	49			0.00- 2.00	0.08
6.965	7.025 (0.000)	174	57896			50.00- 100.00	59.86
6.965	7.025 (0.000)	175	4502			5.00- 9.00	7.78
6.965	7.025 (0.000)	176	56984			95.00- 101.00	98.42
6.965	7.025 (0.000)	177	4111			5.00- 9.00	7.21

Data File: j04015.d

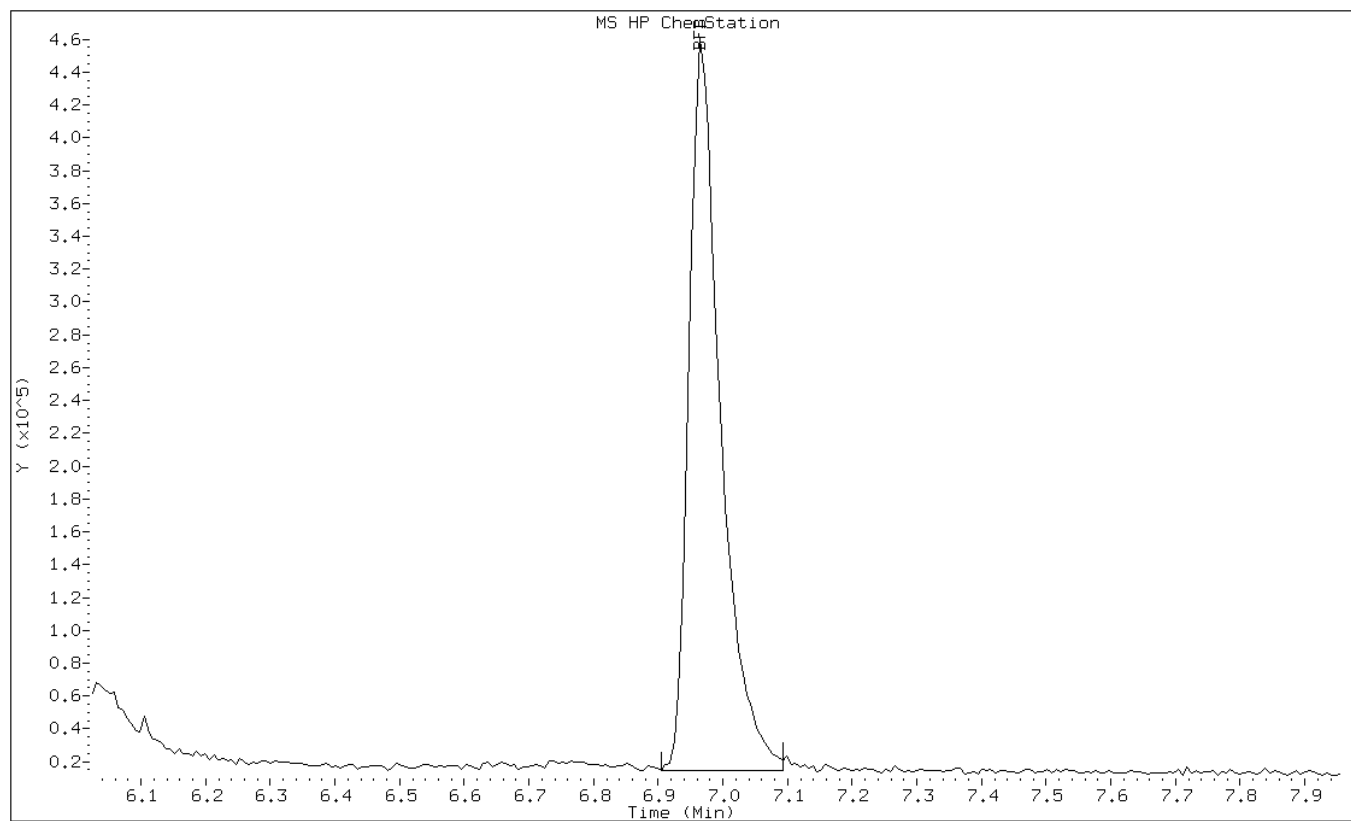
Date: 27-SEP-2011 19:55

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j04015.d

Date: 27-SEP-2011 19:55

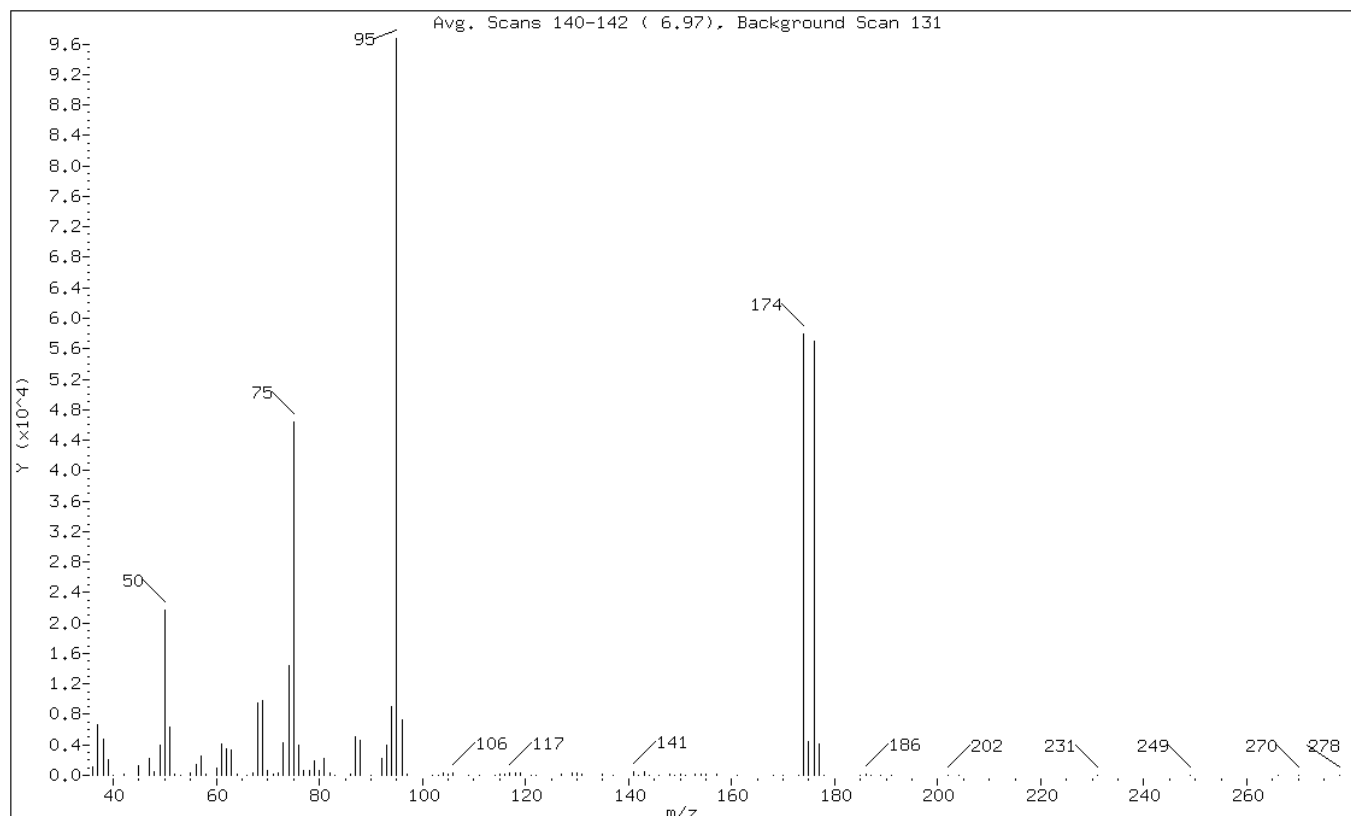
Client ID:

Instrument: VOAMS8.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	22.44
75	30.00 - 60.00% of mass 95	47.92
96	5.00 - 9.00% of mass 95	7.47
173	Less than 2.00% of mass 174	0.05 (0.08)
174	50.00 - 100.00% of mass 95	59.86
175	5.00 - 9.00% of mass 174	4.65 (7.78)
176	95.00 - 101.00% of mass 174	58.92 (98.42)
177	5.00 - 9.00% of mass 176	4.25 (7.21)

Data File: j04015.d

Date: 27-SEP-2011 19:55

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04015.d
Spectrum: Avg. Scans 140-142 (6.97), Background Scan 131
Location of Maximum: 95.00
Number of points: 106

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1068	70.00	673	105.00	156	153.00	80
37.00	6645	71.00	172	106.00	388	154.00	138
38.00	4776	72.00	386	109.00	49	155.00	160
39.00	2015	73.00	4294	111.00	51	157.00	110
40.00	17	74.00	14473	114.00	61	161.00	75
42.00	193	75.00	46352	115.00	178	168.00	76
45.00	1276	76.00	3964	116.00	208	170.00	2
47.00	2180	77.00	697	117.00	334	173.00	49
48.00	491	78.00	595	118.00	304	174.00	57896
49.00	3953	79.00	1959	119.00	301	175.00	4502
50.00	21704	80.00	601	121.00	34	176.00	56984
51.00	6307	81.00	2207	122.00	44	177.00	4111
52.00	82	82.00	256	127.00	125	178.00	78
53.00	49	83.00	75	129.00	279	185.00	78
55.00	329	86.00	154	130.00	326	186.00	130
56.00	1414	87.00	5006	131.00	130	187.00	39
57.00	2531	88.00	4537	135.00	124	189.00	50
58.00	211	90.00	38	137.00	46	191.00	65
60.00	897	92.00	2278	141.00	487	202.00	44
61.00	4118	93.00	3929	142.00	74	204.00	33
62.00	3449	94.00	9070	143.00	468	231.00	39
63.00	3336	95.00	96720	144.00	42	249.00	40
64.00	102	96.00	7226	146.00	50	266.00	40
66.00	57	97.00	226	148.00	178	270.00	41
67.00	248	102.00	35	149.00	76	278.00	39
68.00	9445	103.00	34	150.00	137		
69.00	9879	104.00	302	151.00	50		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04279.d
 Lab Smp Id: BFB
 Inj Date : 05-OCT-2011 03:37
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260BFB.m
 Meth Date : 22-Oct-2010 18:32 maryb Quant Type: ISTD
 Cal Date : Cal File:
 Als bottle: 2 QC Sample: BFB
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50 Sample Matrix: WATER
 Processing Host: hpd2

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS							
RT	EXP RT (REL RT)	MASS	RESPONSE	ON-COL		TARGET RANGE	RATIO
				(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
1 BFB						CAS #: 460-00-4	
6.948	7.025 (0.000)	95	59736			0.00- 100.00	100.00
6.948	7.025 (0.000)	50	12770			15.00- 40.00	21.38
6.948	7.025 (0.000)	75	28744			30.00- 60.00	48.12
6.948	7.025 (0.000)	96	3606			5.00- 9.00	6.04
6.948	7.025 (0.000)	173	0			0.00- 2.00	0.00
6.948	7.025 (0.000)	174	34496			50.00- 100.00	57.75
6.948	7.025 (0.000)	175	2380			5.00- 9.00	6.90
6.948	7.025 (0.000)	176	34688			95.00- 101.00	100.56
6.948	7.025 (0.000)	177	2004			5.00- 9.00	5.78

Data File: j04279.d

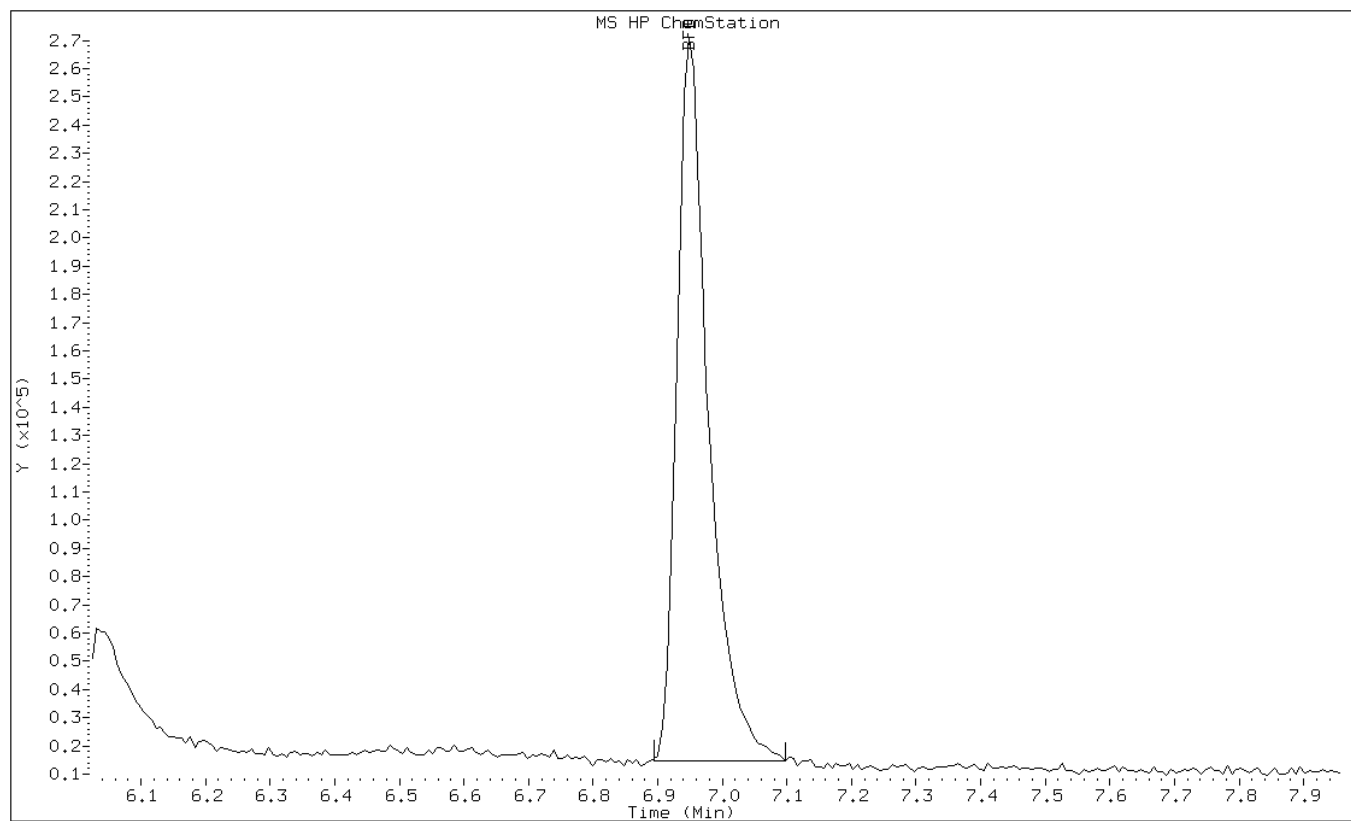
Date: 05-OCT-2011 03:37

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j04279.d

Date: 05-OCT-2011 03:37

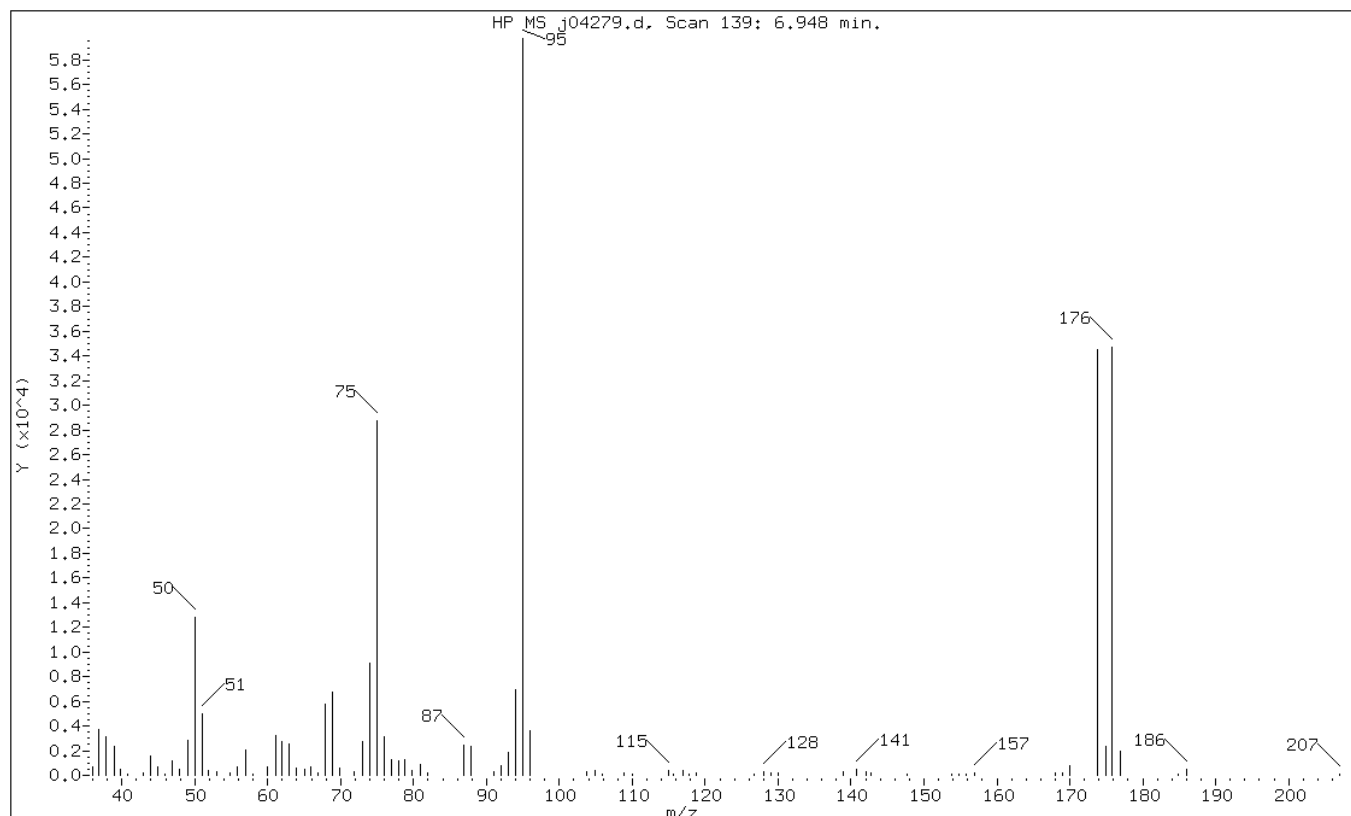
Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

1 BFB



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	21.38
75	30.00 - 60.00% of mass 95	48.12
96	5.00 - 9.00% of mass 95	6.04
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	57.75
175	5.00 - 9.00% of mass 174	3.98 (6.90)
176	95.00 - 101.00% of mass 174	58.07 (100.56)
177	5.00 - 9.00% of mass 176	3.35 (5.78)

Data File: j04279.d

Date: 05-OCT-2011 03:37

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04279.d
Spectrum: HP MS j04279.d, Scan 139: 6.948 min.
Location of Maximum: 95.00
Number of points: 84

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	653	61.05	3191	87.95	2359	140.80	480
36.90	3678	61.95	2695	90.95	296	142.00	245
37.90	3155	62.95	2500	91.95	745	142.70	241
39.05	2319	63.85	541	93.00	1856	147.75	142
39.85	537	65.05	488	94.00	6905	153.75	141
40.75	121	65.95	669	95.00	59736	154.75	144
42.95	162	66.85	192	96.00	3606	155.75	106
43.95	1538	67.95	5796	103.75	284	156.95	153
44.85	673	68.95	6716	104.85	364	168.00	212
45.95	123	69.95	553	105.95	115	169.05	216
46.95	1148	71.90	320	108.85	176	170.05	780
47.85	443	73.00	2703	110.05	111	173.85	34496
49.00	2813	74.00	9130	114.90	383	174.95	2380
50.00	12770	75.00	28744	115.70	137	175.85	34688
51.00	4985	76.00	3092	116.90	351	176.85	2004
51.90	348	77.00	1298	117.80	144	184.90	101
53.00	274	77.90	1158	118.70	194	186.00	465
54.90	233	78.80	1240	126.65	138	207.00	130
55.80	718	79.80	371	127.95	294		
56.90	2094	80.90	923	129.05	242		
58.00	106	81.85	236	129.95	209		
59.95	718	86.85	2471	139.00	282		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-87487/4

Matrix: Solid Lab File ID: j04020.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 09/27/2011 23:01

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)

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

Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-87-3	Chloromethane	100	U	100	21
75-01-4	Vinyl chloride	100	U	100	12
74-83-9	Bromomethane	100	U	100	31
75-00-3	Chloroethane	100	U	100	45
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
79-20-9	Methyl acetate	200	U	200	33
75-09-2	Methylene Chloride	100	U	100	19
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
1634-04-4	Methyl tert-butyl ether	100	U	100	19
75-34-3	1,1-Dichloroethane	100	U	100	10
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
78-93-3	2-Butanone (MEK)	1000	U	1000	82
67-66-3	Chloroform	100	U	100	16
71-55-6	1,1,1-Trichloroethane	100	U	100	25
110-82-7	Cyclohexane	100	U	100	12
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
107-06-2	1,2-Dichloroethane	100	U	100	25
79-01-6	Trichloroethene	100	U	100	18
108-87-2	Methylcyclohexane	100	U	100	8.0
78-87-5	1,2-Dichloropropane	100	U	100	8.7
75-27-4	Dichlorobromomethane	100	U	100	9.0
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	68
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
127-18-4	Tetrachloroethene	100	U	100	20
591-78-6	2-Hexanone	1000	U	1000	55
124-48-1	Chlorodibromomethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87487/4
 Matrix: Solid Lab File ID: j04020.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 09/27/2011 23:01
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	25
1330-20-7	Xylenes, Total	300	U	300	43
100-42-5	Styrene	100	U	100	14
75-25-2	Bromoform	100	U	100	9.9
98-82-8	Isopropylbenzene	100	U	100	21
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
541-73-1	1,3-Dichlorobenzene	100	U	100	23
106-46-7	1,4-Dichlorobenzene	100	U	100	15
95-50-1	1,2-Dichlorobenzene	100	U	100	16
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		57-135
460-00-4	4-Bromofluorobenzene	105		50-124
2037-26-5	Toluene-d8 (Surr)	104		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87487/4
Matrix: Solid Lab File ID: j04020.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 09/27/2011 23:01
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 87487 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04020.d
 Report Date: 28-Sep-2011 17:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04020.d
 Lab Smp Id: MB
 Inj Date : 27-SEP-2011 23:01
 Operator : Inst ID: VOAMS8.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
 Meth Date : 27-Sep-2011 21:24 eddie Quant Type: ISTD
 Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
 Als bottle: 6 QC Sample: BLANK
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.470	7.450	(0.948)	297212	51.1979	5100	
* 52 Fluorobenzene	96	7.876	7.857	(1.000)	799941	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.734	9.719	(0.859)	640368	52.2281	5200	
* 78 Chlorobenzene-d5	117	11.329	11.314	(1.000)	571993	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.522	12.505	(0.911)	239792	52.6051	5300	
* 108 1,4-Dichlorobenzene-d4	152	13.747	13.736	(1.000)	220257	50.0000		

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04020.d
Report Date: 28-Sep-2011 17:13

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04020.d
Lab Smp Id: MB
Inj Date : 27-SEP-2011 23:01
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
Meth Date : 27-Sep-2011 21:24 eddie Quant Type: ISTD
Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
Als bottle: 6 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04020.d

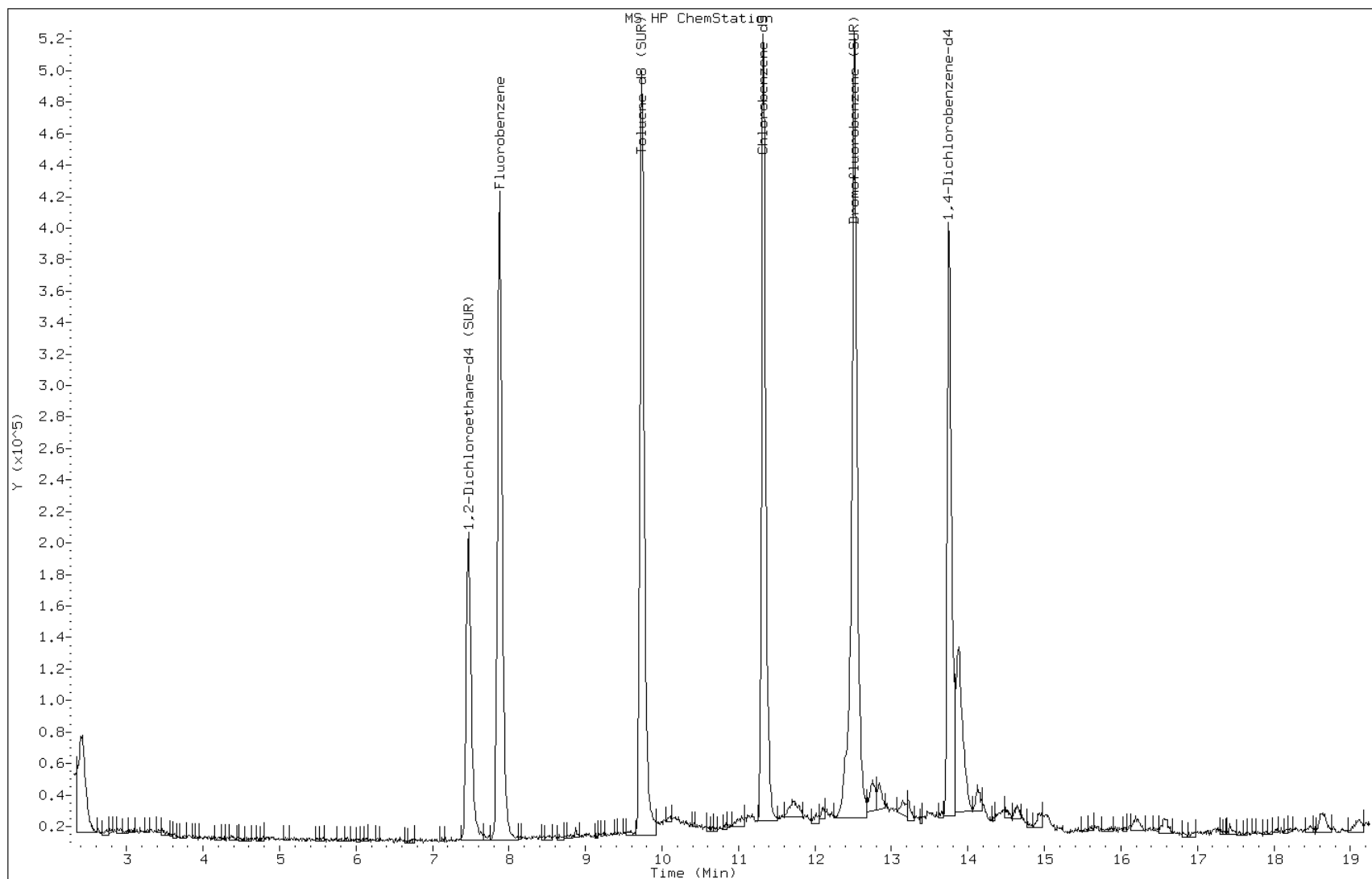
Date: 27-SEP-2011 23:01

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-88346/4
 Matrix: Solid Lab File ID: j04285.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 10/05/2011 06:18
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	100	U	100	28
74-87-3	Chloromethane	100	U	100	21
75-01-4	Vinyl chloride	100	U	100	12
74-83-9	Bromomethane	100	U	100	31
75-00-3	Chloroethane	100	U	100	45
75-69-4	Trichlorofluoromethane	100	U	100	16
75-35-4	1,1-Dichloroethene	100	U	100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	100	U	100	29
67-64-1	Acetone	1000	U	1000	250
75-15-0	Carbon disulfide	100	U	100	15
79-20-9	Methyl acetate	200	U	200	33
75-09-2	Methylene Chloride	100	U	100	19
156-60-5	trans-1,2-Dichloroethene	100	U	100	14
1634-04-4	Methyl tert-butyl ether	100	U	100	19
75-34-3	1,1-Dichloroethane	100	U	100	10
156-59-2	cis-1,2-Dichloroethene	100	U	100	19
78-93-3	2-Butanone (MEK)	1000	U	1000	82
67-66-3	Chloroform	100	U	100	16
71-55-6	1,1,1-Trichloroethane	100	U	100	25
110-82-7	Cyclohexane	100	U	100	12
56-23-5	Carbon tetrachloride	100	U	100	18
71-43-2	Benzene	100	U	100	12
107-06-2	1,2-Dichloroethane	100	U	100	25
79-01-6	Trichloroethene	100	U	100	18
108-87-2	Methylcyclohexane	100	U	100	8.0
78-87-5	1,2-Dichloropropane	100	U	100	8.7
75-27-4	Dichlorobromomethane	100	U	100	9.0
10061-01-5	cis-1,3-Dichloropropene	100	U	100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1000	U	1000	68
108-88-3	Toluene	100	U	100	9.5
10061-02-6	trans-1,3-Dichloropropene	100	U	100	12
79-00-5	1,1,2-Trichloroethane	100	U	100	9.7
127-18-4	Tetrachloroethene	100	U	100	20
591-78-6	2-Hexanone	1000	U	1000	55
124-48-1	Chlorodibromomethane	100	U	100	10
106-93-4	1,2-Dibromoethane	100	U	100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-88346/4
 Matrix: Solid Lab File ID: j04285.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 10/05/2011 06:18
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	100	U	100	17
100-41-4	Ethylbenzene	100	U	100	25
1330-20-7	Xylenes, Total	300	U	300	43
100-42-5	Styrene	100	U	100	14
75-25-2	Bromoform	100	U	100	9.9
98-82-8	Isopropylbenzene	100	U	100	21
79-34-5	1,1,2,2-Tetrachloroethane	100	U	100	8.6
541-73-1	1,3-Dichlorobenzene	100	U	100	23
106-46-7	1,4-Dichlorobenzene	100	U	100	15
95-50-1	1,2-Dichlorobenzene	100	U	100	16
96-12-8	1,2-Dibromo-3-Chloropropane	100	U	100	15
120-82-1	1,2,4-Trichlorobenzene	100	U	100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	90		57-135
460-00-4	4-Bromofluorobenzene	100		50-124
2037-26-5	Toluene-d8 (Surr)	96		46-130

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88346/4
Matrix: Solid Lab File ID: j04285.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 2.5 (mL) Date Analyzed: 10/05/2011 06:18
Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
% Moisture: _____ Level: (low/med) Medium
Analysis Batch No.: 88346 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04285.d
 Report Date: 05-Oct-2011 09:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04285.d
 Lab Smp Id: MB
 Inj Date : 05-OCT-2011 06:18
 Operator : Inst ID: VOAMS8.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
 Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
 Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
 Als bottle: 7 QC Sample: BLANK
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN (ug/L)	FINAL (ug/Kg)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.453	7.425	(0.948)	160783	44.8001	4500	
* 52 Fluorobenzene	96	7.863	7.834	(1.000)	505704	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.720	9.709	(0.860)	370033	48.2302	4800	
* 78 Chlorobenzene-d5	117	11.307	11.302	(1.000)	360199	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.505	12.497	(0.911)	148134	49.9914	5000	
* 108 1,4-Dichlorobenzene-d4	152	13.731	13.731	(1.000)	141804	50.0000		

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04285.d
Report Date: 05-Oct-2011 09:08

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04285.d
Lab Smp Id: MB
Inj Date : 05-OCT-2011 06:18
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
Als bottle: 7 QC Sample: BLANK
Dil Factor: 50.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j04285.d

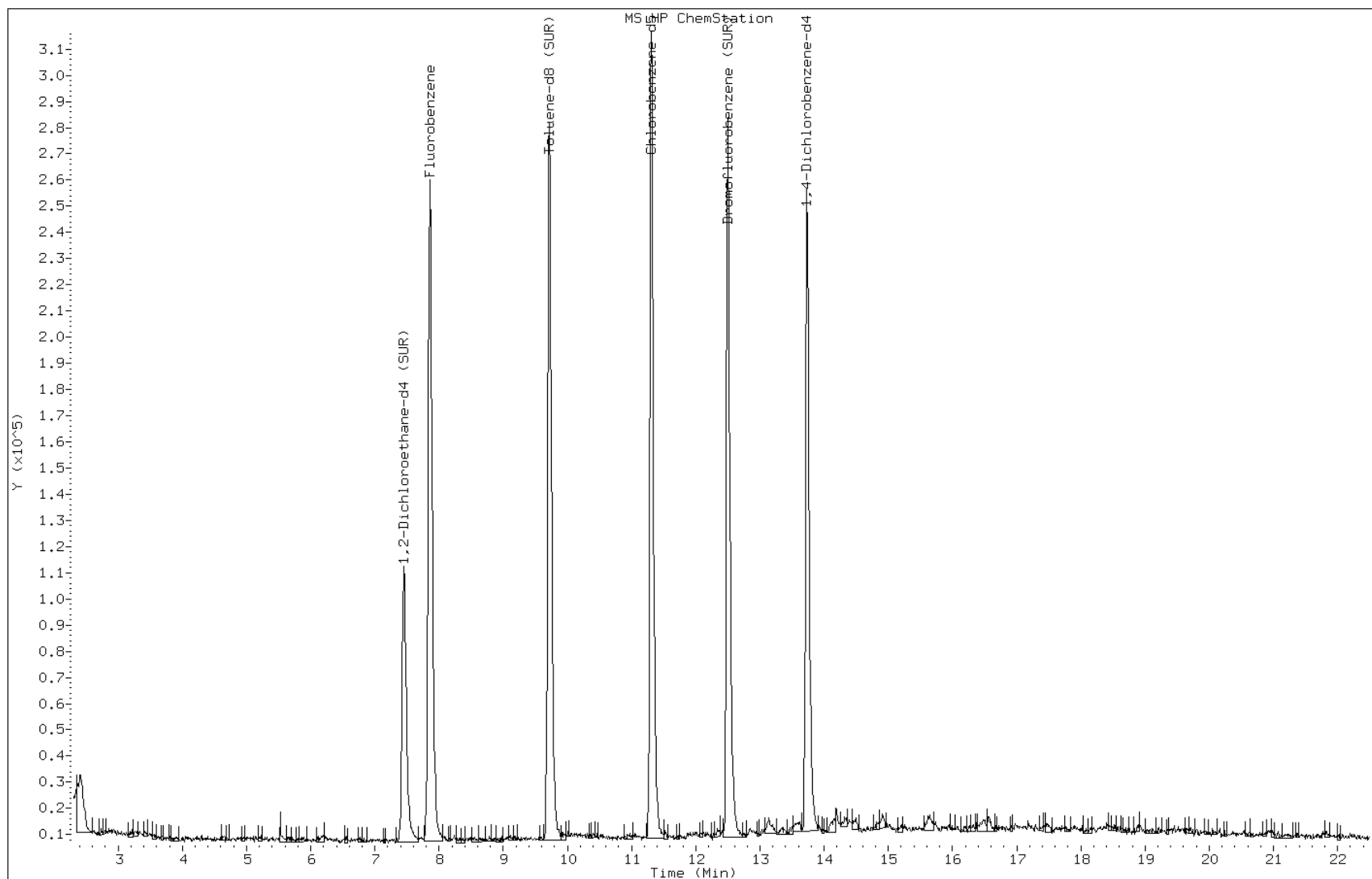
Date: 05-OCT-2011 06:18

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-87487/3

Matrix: Solid Lab File ID: j04018.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 09/27/2011 21:09

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)

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

Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1820		100	28
74-87-3	Chloromethane	1920		100	21
75-01-4	Vinyl chloride	1870		100	12
74-83-9	Bromomethane	1800		100	31
75-00-3	Chloroethane	1720		100	45
75-69-4	Trichlorofluoromethane	1790		100	16
75-35-4	1,1-Dichloroethene	1680		100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1710		100	29
67-64-1	Acetone	1560		1000	250
75-15-0	Carbon disulfide	1800		100	15
79-20-9	Methyl acetate	1940		200	33
75-09-2	Methylene Chloride	1800		100	19
156-60-5	trans-1,2-Dichloroethene	1800		100	14
1634-04-4	Methyl tert-butyl ether	1840		100	19
75-34-3	1,1-Dichloroethane	1810		100	10
156-59-2	cis-1,2-Dichloroethene	1830		100	19
78-93-3	2-Butanone (MEK)	2240		1000	82
67-66-3	Chloroform	1710		100	16
71-55-6	1,1,1-Trichloroethane	1740		100	25
110-82-7	Cyclohexane	1830		100	12
56-23-5	Carbon tetrachloride	1780		100	18
71-43-2	Benzene	1760		100	12
107-06-2	1,2-Dichloroethane	1850		100	25
79-01-6	Trichloroethene	1740		100	18
108-87-2	Methylcyclohexane	1810		100	8.0
78-87-5	1,2-Dichloropropane	1790		100	8.7
75-27-4	Dichlorobromomethane	1880		100	9.0
10061-01-5	cis-1,3-Dichloropropene	1800		100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1870		1000	68
108-88-3	Toluene	1730		100	9.5
10061-02-6	trans-1,3-Dichloropropene	1830		100	12
79-00-5	1,1,2-Trichloroethane	1900		100	9.7
127-18-4	Tetrachloroethene	1720		100	20
591-78-6	2-Hexanone	1830		1000	55
124-48-1	Chlorodibromomethane	1860		100	10
106-93-4	1,2-Dibromoethane	1840		100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87487/3
 Matrix: Solid Lab File ID: j04018.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 09/27/2011 21:09
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	1780		100	17
100-41-4	Ethylbenzene	1780		100	25
1330-20-7	Xylenes, Total	5340		300	43
100-42-5	Styrene	1780		100	14
75-25-2	Bromoform	1790		100	9.9
98-82-8	Isopropylbenzene	1790		100	21
79-34-5	1,1,2,2-Tetrachloroethane	1770		100	8.6
541-73-1	1,3-Dichlorobenzene	1870		100	23
106-46-7	1,4-Dichlorobenzene	1840		100	15
95-50-1	1,2-Dichlorobenzene	1910		100	16
96-12-8	1,2-Dibromo-3-Chloropropane	2080		100	15
120-82-1	1,2,4-Trichlorobenzene	1990		100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		57-135
460-00-4	4-Bromofluorobenzene	100		50-124
2037-26-5	Toluene-d8 (Surr)	100		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04018.d
 Report Date: 27-Sep-2011 21:23

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04018.d
 Lab Smp Id: LCS
 Inj Date : 27-SEP-2011 21:09
 Operator : Inst ID: VOAMS8.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
 Meth Date : 27-Sep-2011 21:23 eddie Quant Type: ISTD
 Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
 Als bottle: 3 QC Sample: METHSPIKE
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====		=====	=====
2 Dichlorodifluoromethane	85	2.591	2.590	(0.330)	190666		18.1948	1800
3 Chloromethane	50	2.737	2.731	(0.349)	126871		19.2169	1900
4 Vinyl Chloride	62	2.920	2.911	(0.372)	120208		18.6919	1900
6 Bromomethane	94	3.293	3.291	(0.419)	102426		17.9836	1800
5 Chloroethane	64	3.412	3.410	(0.435)	59996		17.1867	1700
7 Trichlorofluoromethane	101	3.705	3.718	(0.472)	195339		17.8534	1800
11 Ethyl Ether	59	4.016	4.011	(0.512)	71607		17.8160	1800
13 Acrolein	56	4.190	4.194	(0.534)	22647		32.8428	3300
15 1,1-Dichloroethene	96	4.317	4.304	(0.550)	87856		16.8164	1700
14 Freon TF	101	4.317	4.331	(0.550)	152824		17.0559	1700
16 Acetone	58	4.353	4.359	(0.554)	5452		15.6272	1600
17 Iodomethane	142	4.518	4.515	(0.575)	255975		18.3529	1800
18 Carbon Disulfide	76	4.607	4.597	(0.587)	263911		17.9943	1800
27 Methyl Acetate	74	4.726	4.723	(0.602)	21658		19.3591	1900

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.863	4.867	(0.619)	114839	17.9969	1800
24 TBA	59	4.946	4.959	(0.630)	127836	349.904	35000
25 trans-1,2-Dichloroethene	96	5.183	5.178	(0.660)	108995	17.9898	1800
26 Acrylonitrile	53	5.155	5.159	(0.657)	21660	18.2628	1800
28 MTBE	73	5.164	5.159	(0.658)	255384	18.4440	1800
29 Hexane	56	5.456	5.467	(0.695)	32265	17.7456	1800
30 1,1-Dichloroethane	63	5.684	5.686	(0.724)	215945	18.0778	1800
31 Vinyl Acetate	43	5.703	5.705	(0.726)	314251	18.8709	1900
32 DIPE	45	5.703	5.696	(0.726)	467759	18.1271	1800
35 t-Butyl-ethyl-ether	59	6.141	6.138	(0.782)	367138	18.2327	1800
37 2,2-Dichloropropane	77	6.392	6.399	(0.814)	159742	17.8958	1800
36 cis-1,2-Dichloroethene	96	6.383	6.381	(0.813)	119107	18.3047	1800
38 2-Butanone	72	6.365	6.381	(0.811)	8112	22.4362	2200
39 Ethyl Acetate	70	6.429	6.427	(0.819)	22230	39.1916	3900
40 Bromochloromethane	128	6.688	6.694	(0.852)	80888	18.7731	1900
41 Tetrahydrofuran	42	6.750	6.749	(0.860)	25926	19.5104	2000
42 Chloroform	83	6.768	6.767	(0.862)	233812	17.1434	1700
43 1,1,1-Trichloroethane	97	7.031	7.037	(0.896)	174982	17.4481	1700
44 Cyclohexane	56	7.113	7.102	(0.906)	101898	18.2732	1800
45 Carbon Tetrachloride	117	7.241	7.257	(0.922)	156286	17.8275	1800
46 1,1-Dichloropropene	75	7.232	7.239	(0.921)	155787	18.2256	1800
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.450	(0.948)	269807	51.6783	5200
48 Benzene	78	7.516	7.523	(0.664)	297918	17.5505	1800
49 1,2-Dichloroethane	62	7.544	7.541	(0.961)	141123	18.4764	1800
50 t-Amyl-methyl-ether	73	7.608	7.605	(0.969)	294658	18.2623	1800
61 Isopropyl Acetate	43	7.525	7.523	(0.958)	595760	36.5263	3600
* 52 Fluorobenzene	96	7.851	7.857	(1.000)	719430	50.0000	
54 Trichloroethene	95	8.298	8.295	(1.057)	123415	17.4238	1700
56 Methyl cyclohexane	83	8.534	8.541	(1.087)	67908	18.0576	1800
55 Ethyl Acrylate	55	8.379	8.378	(1.067)	134867	18.9761	1900
57 1,2-Dichloropropane	63	8.589	8.596	(1.094)	135311	17.8640	1800
58 Dibromomethane	93	8.732	8.733	(1.112)	120599	18.1153	1800
59 Methyl Methacrylate	100	8.662	8.669	(1.103)	28348	19.2381	1900
68 Bromodichloromethane	83	8.902	8.905	(1.134)	242891	18.8006	1900
62 2-Chloroethyl Vinyl Ether	63	9.213	9.212	(1.173)	66242	18.3072	1800
63 Epichlorohydrin	57	9.311	9.312	(0.823)	184638	357.449	36000
67 cis-1,3-Dichloropropene	75	9.412	9.413	(0.832)	195575	18.0377	1800
70 4-Methyl-2-Pentanone	43	9.558	9.567	(0.845)	108258	18.6711	1900
\$ 65 Toluene-d8 (SUR)	98	9.714	9.719	(0.859)	560504	50.0899	5000
66 Toluene	91	9.796	9.793	(0.866)	281476	17.3462	1700
64 trans-1,3-Dichloropropene	75	10.023	10.022	(0.886)	163143	18.2746	1800
69 1,1,2-Trichloroethane	83	10.242	10.250	(0.905)	99070	18.9958	1900
71 Tetrachloroethene	166	10.404	10.404	(0.920)	94921	17.2412	1700
72 1,3-Dichloropropane	76	10.441	10.431	(0.923)	177797	17.9528	1800
73 2-Hexanone	43	10.484	10.477	(0.927)	62621	18.2604	1800
74 Dibromochloromethane	129	10.692	10.695	(0.945)	181265	18.6101	1900
76 Butyl Acetate	73	10.591	10.588	(0.936)	63317	36.7479	3700

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04018.d
 Report Date: 27-Sep-2011 21:23

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.838	10.832	(0.958)	157612	18.4040	1800
* 78 Chlorobenzene-d5	117	11.313	11.314	(1.000)	522028	50.0000	
79 Chlorobenzene	112	11.339	11.342	(1.002)	207679	17.8083	1800
80 1,1,1,2-Tetrachloroethane	131	11.413	11.415	(1.009)	120525	18.7147	1900
81 Ethylbenzene	106	11.431	11.425	(1.010)	78482	17.8075	1800
82 m+p-Xylene	106	11.542	11.543	(1.020)	207287	34.9341	3500
84 o-Xylene	106	11.962	11.966	(1.057)	103657	18.4209	1800
85 Styrene	104	11.971	11.975	(1.058)	191514	17.7929	1800
83 Butyl Acrylate	73	11.863	11.855	(1.049)	92322	18.1478	1800
86 Bromoform	173	12.209	12.211	(1.079)	108353	17.8896	1800
88 Isopropylbenzene	105	12.325	12.321	(1.090)	237825	17.9190	1800
\$ 89 Bromofluorobenzene (SUR)	174	12.498	12.505	(0.910)	222071	50.0729	5000
90 Camphene (total)	93	12.608	12.615	(1.114)	64750	17.2743	1700
91 Bromobenzene	156	12.681	12.688	(0.923)	99338	17.7478	1800
92 1,1,2,2-Tetrachloroethane	83	12.626	12.633	(0.919)	157012	17.7290	1800
93 1,2,3-Trichloropropane	110	12.691	12.697	(0.924)	38257	17.7856	1800
94 trans-1,4-Dichloro-2-butene	53	12.672	12.688	(0.922)	27997	17.9526	1800
95 n-Propylbenzene	91	12.735	12.734	(0.927)	267871	17.8797	1800
96 2-Chlorotoluene	91	12.861	12.853	(0.936)	164989	17.7791	1800
97 1,3,5-Trimethylbenzene	105	12.898	12.900	(0.939)	183312	17.8145	1800
98 4-Chlorotoluene	91	12.968	12.964	(0.944)	241267	18.1856	1800
99 Butyl Methacrylate	87	12.942	12.936	(0.942)	154503	18.3908	1800
100 tert-Butylbenzene	119	13.258	13.264	(0.965)	169261	18.1285	1800
101 1,2,4-Trimethylbenzene	105	13.313	13.309	(0.969)	193371	17.3846	1700
103 sec-Butylbenzene	105	13.495	13.491	(0.982)	228451	17.6656	1800
105 1,3-Dichlorobenzene	146	13.666	13.664	(0.995)	125562	18.6786	1900
107 p-Isopropyltoluene	119	13.638	13.638	(0.993)	168582	17.4344	1700
* 108 1,4-Dichlorobenzene-d4	152	13.739	13.736	(1.000)	214295	50.0000	
109 1,4-Dichlorobenzene	146	13.758	13.763	(1.001)	153799	18.3737	1800
110 Benzyl Chloride	91	13.905	13.909	(1.012)	150731	18.3724	1800
106 n-Butylbenzene	91	14.097	14.091	(1.026)	165255	18.3231	1800
111 1,2-Dichlorobenzene	146	14.207	14.209	(1.034)	136692	19.1075	1900
112 1,2-Dibromo-3-chloropropane	75	15.178	15.166	(1.105)	27786	20.7528	2100
114 1,2,4-Trichlorobenzene	180	16.359	16.350	(1.191)	64490	19.8954	2000
115 Hexachlorobutadiene	225	16.561	16.559	(1.205)	54664	18.7358	1900
116 Naphthalene	128	16.807	16.805	(1.223)	107339	18.6980	1900
117 1,2,3-Trichlorobenzene	180	17.223	17.216	(1.254)	57224	20.3509	2000
M 120 1,2-Dichloroethene (Total)	100				228102	36.3057	3600
M 121 Xylene (Total)	100				310944	53.3550	5300

Data File: j04018.d

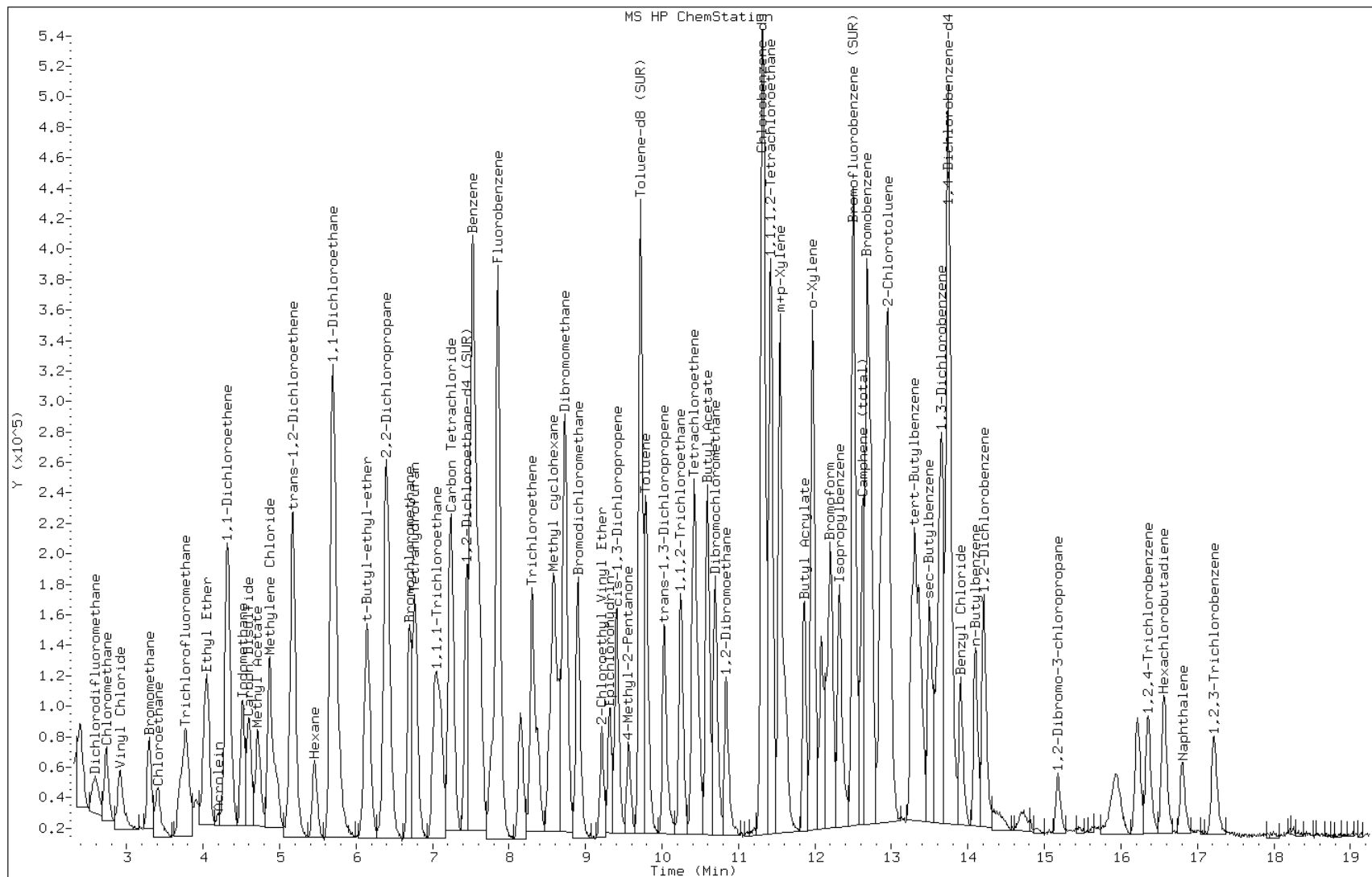
Date: 27-SEP-2011 21:09

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-88346/3

Matrix: Solid Lab File ID: j04281.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 2.5 (mL) Date Analyzed: 10/05/2011 04:32

Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)

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

Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1750		100	28
74-87-3	Chloromethane	1810		100	21
75-01-4	Vinyl chloride	1950		100	12
74-83-9	Bromomethane	2110		100	31
75-00-3	Chloroethane	1790		100	45
75-69-4	Trichlorofluoromethane	1790		100	16
75-35-4	1,1-Dichloroethene	2020		100	14
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1740		100	29
67-64-1	Acetone	1750		1000	250
75-15-0	Carbon disulfide	1780		100	15
79-20-9	Methyl acetate	2070		200	33
75-09-2	Methylene Chloride	1970		100	19
156-60-5	trans-1,2-Dichloroethene	2050		100	14
1634-04-4	Methyl tert-butyl ether	1830		100	19
75-34-3	1,1-Dichloroethane	1920		100	10
156-59-2	cis-1,2-Dichloroethene	2050		100	19
78-93-3	2-Butanone (MEK)	2000		1000	82
67-66-3	Chloroform	2120		100	16
71-55-6	1,1,1-Trichloroethane	2130		100	25
110-82-7	Cyclohexane	1880		100	12
56-23-5	Carbon tetrachloride	2150		100	18
71-43-2	Benzene	2030		100	12
107-06-2	1,2-Dichloroethane	2180		100	25
79-01-6	Trichloroethene	2110		100	18
108-87-2	Methylcyclohexane	1950		100	8.0
78-87-5	1,2-Dichloropropane	2220		100	8.7
75-27-4	Dichlorobromomethane	2220		100	9.0
10061-01-5	cis-1,3-Dichloropropene	2170		100	10
108-10-1	4-Methyl-2-pentanone (MIBK)	1850		1000	68
108-88-3	Toluene	2190		100	9.5
10061-02-6	trans-1,3-Dichloropropene	2110		100	12
79-00-5	1,1,2-Trichloroethane	2140		100	9.7
127-18-4	Tetrachloroethene	2100		100	20
591-78-6	2-Hexanone	1840		1000	55
124-48-1	Chlorodibromomethane	2170		100	10
106-93-4	1,2-Dibromoethane	2120		100	9.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88346/3
 Matrix: Solid Lab File ID: j04281.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 2.5 (mL) Date Analyzed: 10/05/2011 04:32
 Soil Aliquot Vol: 2.5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: _____ Level: (low/med) Medium
 Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	2120		100	17
100-41-4	Ethylbenzene	2090		100	25
1330-20-7	Xylenes, Total	6430		300	43
100-42-5	Styrene	2160		100	14
75-25-2	Bromoform	2150		100	9.9
98-82-8	Isopropylbenzene	2130		100	21
79-34-5	1,1,2,2-Tetrachloroethane	2070		100	8.6
541-73-1	1,3-Dichlorobenzene	2120		100	23
106-46-7	1,4-Dichlorobenzene	2100		100	15
95-50-1	1,2-Dichlorobenzene	2160		100	16
96-12-8	1,2-Dibromo-3-Chloropropane	1930		100	15
120-82-1	1,2,4-Trichlorobenzene	2140		100	44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		57-135
460-00-4	4-Bromofluorobenzene	97		50-124
2037-26-5	Toluene-d8 (Surr)	99		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04281.d
 Report Date: 05-Oct-2011 09:07

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04281.d
 Lab Smp Id: LCS
 Inj Date : 05-OCT-2011 04:32
 Operator : Inst ID: VOAMS8.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
 Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
 Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
 Als bottle: 2 QC Sample: METHSPIKE
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	5.00000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.583	2.564	(0.329)	110926	17.4675	1700	
3 Chloromethane	50	2.736	2.717	(0.349)	71935	18.1392	1800	
4 Vinyl Chloride	62	2.910	2.890	(0.371)	75426	19.5032	2000	
6 Bromomethane	94	3.302	3.279	(0.421)	65353	21.0987	2100	
5 Chloroethane	64	3.420	3.389	(0.436)	38887	17.8964	1800	
7 Trichlorofluoromethane	101	3.739	3.708	(0.476)	138176	17.8833	1800	
11 Ethyl Ether	59	4.022	3.990	(0.512)	47544	17.6204	1800	
13 Acrolein	56	4.196	4.164	(0.534)	16557	30.8695	3100	
15 1,1-Dichloroethene	96	4.324	4.291	(0.551)	60172	20.1809	2000	
14 Freon TF	101	4.333	4.300	(0.552)	115032	17.4170	1700	
16 Acetone	58	4.370	4.355	(0.557)	3517	17.4620	1700	
17 Iodomethane	142	4.525	4.501	(0.576)	177827	19.3068	1900	
18 Carbon Disulfide	76	4.598	4.574	(0.586)	187026	17.8403	1800	
27 Methyl Acetate	74	4.717	4.711	(0.601)	15254	20.6773	2100	

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.879	4.857	(0.621)	75723	19.6707	2000
24 TBA	59	4.961	4.939	(0.632)	94783	347.170	35000
25 trans-1,2-Dichloroethene	96	5.190	5.159	(0.661)	72117	20.4959	2000
26 Acrylonitrile	53	5.162	5.131	(0.658)	16517	22.7939	2300
28 MTBE	73	5.162	5.140	(0.658)	167683	18.2962	1800
29 Hexane	56	5.452	5.442	(0.694)	23829	17.5487	1800
30 1,1-Dichloroethane	63	5.689	5.661	(0.725)	139103	19.2440	1900
31 Vinyl Acetate	43	5.698	5.679	(0.726)	208255	17.8745	1800
32 DIPE	45	5.707	5.679	(0.727)	316692	18.6843	1900
35 t-Butyl-ethyl-ether	59	6.153	6.124	(0.784)	238276	18.5797	1800
37 2,2-Dichloropropane	77	6.399	6.389	(0.815)	107025	20.7307	2100
36 cis-1,2-Dichloroethene	96	6.391	6.371	(0.814)	78550	20.5368	2000
38 2-Butanone	72	6.399	6.371	(0.815)	5861	19.9815	2000
39 Ethyl Acetate	70	6.436	6.407	(0.820)	14675	38.7444	3900
40 Bromochloromethane	128	6.699	6.678	(0.853)	53638	21.7148	2200
41 Tetrahydrofuran	42	6.753	6.724	(0.860)	17280	20.8374	2100
42 Chloroform	83	6.779	6.751	(0.863)	155000	21.1764	2100
43 1,1,1-Trichloroethane	97	7.035	7.016	(0.896)	116373	21.2695	2100
44 Cyclohexane	56	7.108	7.098	(0.905)	74816	18.7944	1900
45 Carbon Tetrachloride	117	7.253	7.234	(0.924)	100607	21.5153	2200
46 1,1-Dichloropropene	75	7.235	7.215	(0.922)	97917	20.8241	2100
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.445	7.425	(0.948)	163871	49.1160	4900
48 Benzene	78	7.527	7.506	(0.666)	197695	20.2914	2000
49 1,2-Dichloroethane	62	7.537	7.525	(0.960)	91095	21.7674	2200
50 t-Amyl-methyl-ether	73	7.609	7.598	(0.969)	195488	20.0696	2000
61 Isopropyl Acetate	43	7.518	7.506	(0.958)	388439	39.2336	3900
* 52 Fluorobenzene	96	7.851	7.834	(1.000)	470126	50.0000	
54 Trichloroethene	95	8.306	8.288	(1.058)	82606	21.1249	2100
56 Methyl cyclohexane	83	8.543	8.525	(1.088)	51950	19.5194	2000
55 Ethyl Acrylate	55	8.387	8.361	(1.068)	84517	19.7885	2000
57 1,2-Dichloropropane	63	8.588	8.571	(1.094)	92253	22.1998	2200
58 Dibromomethane	93	8.731	8.727	(1.112)	78278	21.2654	2100
59 Methyl Methacrylate	100	8.661	8.653	(1.103)	18106	21.1531	2100
68 Bromodichloromethane	83	8.896	8.891	(1.133)	152592	22.1616	2200
62 2-Chloroethyl Vinyl Ether	63	9.211	9.207	(1.173)	48020	23.0023	2300
63 Epichlorohydrin	57	9.318	9.307	(0.824)	125053	361.350	36000
67 cis-1,3-Dichloropropene	75	9.409	9.398	(0.832)	130955	21.6778	2200
70 4-Methyl-2-Pentanone	43	9.563	9.554	(0.846)	69257	18.4784	1800
\$ 65 Toluene-d8 (SUR)	98	9.718	9.709	(0.859)	353017	49.3941	4900
66 Toluene	91	9.800	9.782	(0.867)	196204	21.9041	2200
64 trans-1,3-Dichloropropene	75	10.028	10.019	(0.887)	105484	21.1500	2100
69 1,1,2-Trichloroethane	83	10.248	10.237	(0.906)	65879	21.3700	2100
71 Tetrachloroethene	166	10.411	10.401	(0.921)	66376	20.9520	2100
72 1,3-Dichloropropane	76	10.438	10.429	(0.923)	116170	20.3932	2000
73 2-Hexanone	43	10.494	10.482	(0.928)	38005	18.4463	1800
74 Dibromochloromethane	129	10.695	10.683	(0.946)	120171	21.7143	2200
76 Butyl Acetate	73	10.594	10.592	(0.937)	42324	38.2469	3800

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04281.d
 Report Date: 05-Oct-2011 09:07

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.842	10.828	(0.959)	100259	21.1976	2100
* 78 Chlorobenzene-d5	117	11.307	11.302	(1.000)	335537	50.0000	
79 Chlorobenzene	112	11.344	11.339	(1.003)	140077	21.2213	2100
80 1,1,1,2-Tetrachloroethane	131	11.418	11.412	(1.010)	83938	22.2499	2200
81 Ethylbenzene	106	11.418	11.422	(1.010)	52571	20.8539	2100
82 m+p-Xylene	106	11.546	11.540	(1.021)	141821	42.8819	4300
84 o-Xylene	106	11.964	11.959	(1.058)	69009	21.4087	2100
85 Styrene	104	11.974	11.968	(1.059)	129472	21.6402	2200
83 Butyl Acrylate	73	11.854	11.849	(1.048)	57194	18.9513	1900
86 Bromoform	173	12.209	12.204	(1.080)	74391	21.5219	2200
88 Isopropylbenzene	105	12.319	12.314	(1.089)	161550	21.2515	2100
\$ 89 Bromofluorobenzene (SUR)	174	12.507	12.497	(0.910)	143784	48.7196	4900
90 Camphene (total)	93	12.617	12.607	(1.116)	48833	19.1668	1900
91 Bromobenzene	156	12.681	12.671	(0.923)	68208	21.6345	2200
92 1,1,2,2-Tetrachloroethane	83	12.635	12.625	(0.920)	107716	20.6890	2100
93 1,2,3-Trichloropropane	110	12.691	12.689	(0.924)	25777	20.9541	2100
94 trans-1,4-Dichloro-2-butene	53	12.691	12.689	(0.924)	20545	19.4520	1900
95 n-Propylbenzene	91	12.737	12.735	(0.927)	179116	21.8560	2200
96 2-Chlorotoluene	91	12.864	12.855	(0.936)	162442	22.4206	2200
97 1,3,5-Trimethylbenzene	105	12.900	12.891	(0.939)	123626	20.4149	2000
98 4-Chlorotoluene	91	12.965	12.965	(0.944)	162519	21.0403	2100
99 Butyl Methacrylate	87	12.937	12.937	(0.942)	106012	20.1729	2000
100 tert-Butylbenzene	119	13.266	13.256	(0.966)	113879	19.5337	2000
101 1,2,4-Trimethylbenzene	105	13.312	13.302	(0.969)	130531	20.8684	2100
103 sec-Butylbenzene	105	13.493	13.493	(0.982)	158036	20.1763	2000
105 1,3-Dichlorobenzene	146	13.666	13.667	(0.995)	85674	21.2277	2100
107 p-Isopropyltoluene	119	13.638	13.630	(0.993)	119284	19.7723	2000
* 108 1,4-Dichlorobenzene-d4	152	13.739	13.731	(1.000)	141233	50.0000	
109 1,4-Dichlorobenzene	146	13.758	13.759	(1.001)	108418	20.9941	2100
110 Benzyl Chloride	91	13.913	13.901	(1.013)	108052	18.5601	1800
106 n-Butylbenzene	91	14.093	14.091	(1.026)	112940	18.8337	1900
111 1,2-Dichlorobenzene	146	14.211	14.208	(1.034)	97414	21.5520	2200
112 1,2-Dibromo-3-chloropropane	75	15.176	15.173	(1.105)	18444	19.3266	1900
114 1,2,4-Trichlorobenzene	180	16.362	16.362	(1.191)	49602	21.3504	2100
115 Hexachlorobutadiene	225	16.567	16.563	(1.206)	40034	18.1413	1800
116 Naphthalene	128	16.811	16.802	(1.224)	81584	22.9268	2300
117 1,2,3-Trichlorobenzene	180	17.221	17.215	(1.253)	43243	26.4873	2600
M 120 1,2-Dichloroethene (Total)	100				150667	41.0344	4100
M 121 Xylene (Total)	100				210830	64.2905	6400

Data File: j04281.d

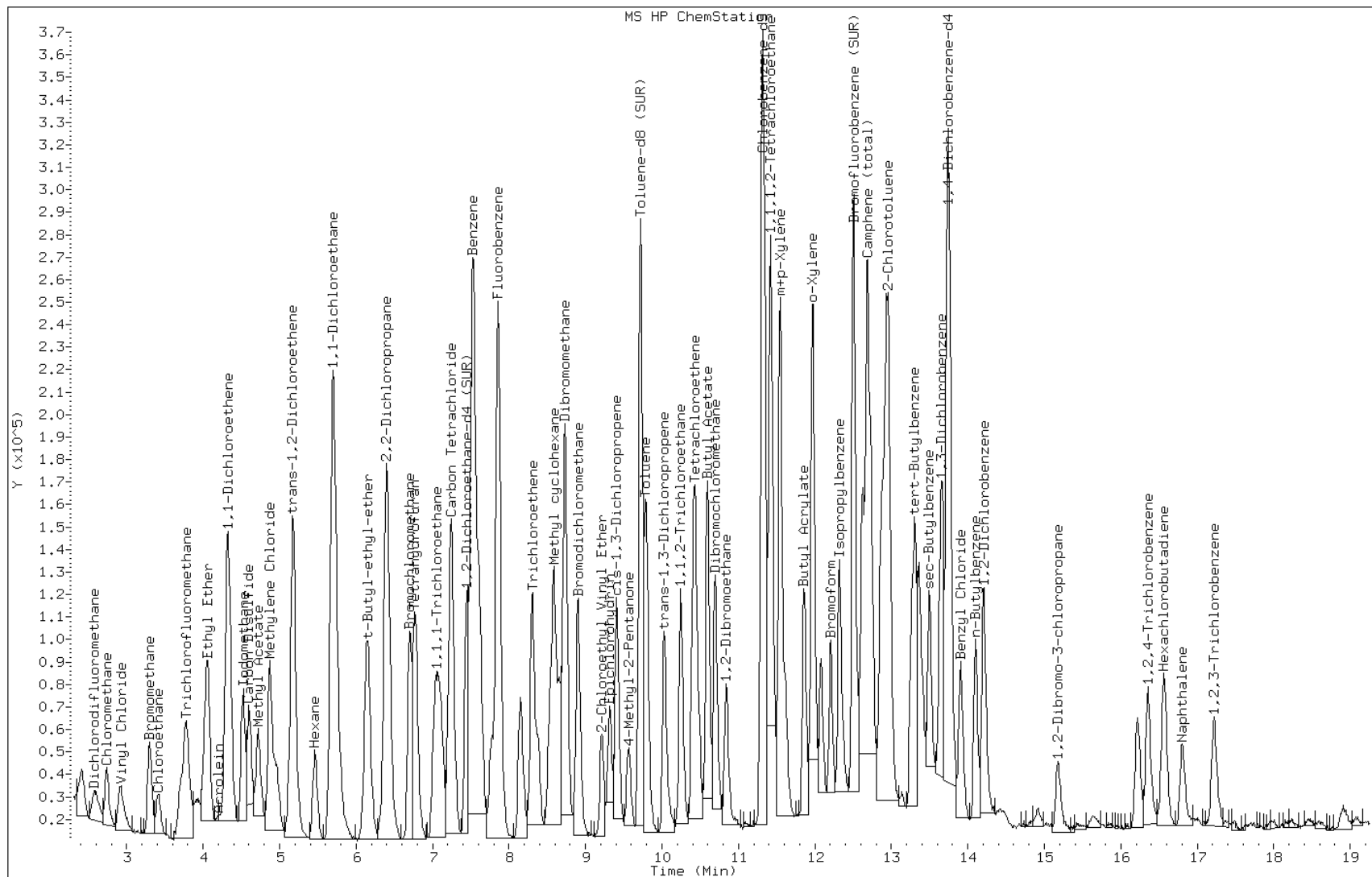
Date: 05-OCT-2011 04:32

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-042 MS Lab Sample ID: 460-31552-4 MS

Matrix: Solid Lab File ID: j04294.d

Analysis Method: 8260B Date Collected: 09/21/2011 11:05

Sample wt/vol: 14.12(g) Date Analyzed: 10/05/2011 11:06

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 12.5 Level: (low/med) Medium

Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	349		20	5.7
74-87-3	Chloromethane	303		20	4.3
75-01-4	Vinyl chloride	381		20	2.4
74-83-9	Bromomethane	252		20	6.4
75-00-3	Chloroethane	205		20	9.0
75-69-4	Trichlorofluoromethane	289		20	3.2
75-35-4	1,1-Dichloroethene	367		20	2.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	354		20	5.8
67-64-1	Acetone	447		200	50
75-15-0	Carbon disulfide	308		20	3.0
79-20-9	Methyl acetate	418		40	6.6
75-09-2	Methylene Chloride	347		20	3.9
156-60-5	trans-1,2-Dichloroethene	383		20	2.8
1634-04-4	Methyl tert-butyl ether	347		20	3.7
75-34-3	1,1-Dichloroethane	380		20	2.0
156-59-2	cis-1,2-Dichloroethene	401		20	3.9
78-93-3	2-Butanone (MEK)	370		200	17
67-66-3	Chloroform	408		20	3.1
71-55-6	1,1,1-Trichloroethane	416		20	5.0
110-82-7	Cyclohexane	411		20	2.5
56-23-5	Carbon tetrachloride	448		20	3.6
71-43-2	Benzene	390		20	2.4
107-06-2	1,2-Dichloroethane	444		20	5.0
79-01-6	Trichloroethene	538		20	3.6
108-87-2	Methylcyclohexane	457		20	1.6
78-87-5	1,2-Dichloropropane	431		20	1.8
75-27-4	Dichlorobromomethane	439		20	1.8
10061-01-5	cis-1,3-Dichloropropene	410		20	2.1
108-10-1	4-Methyl-2-pentanone (MIBK)	381		200	14
108-88-3	Toluene	422		20	1.9
10061-02-6	trans-1,3-Dichloropropene	414		20	2.5
79-00-5	1,1,2-Trichloroethane	396		20	2.0
127-18-4	Tetrachloroethene	446		20	4.0
591-78-6	2-Hexanone	467		200	11
124-48-1	Chlorodibromomethane	411		20	2.0
106-93-4	1,2-Dibromoethane	418		20	1.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-042 MS Lab Sample ID: 460-31552-4 MS
 Matrix: Solid Lab File ID: j04294.d
 Analysis Method: 8260B Date Collected: 09/21/2011 11:05
 Sample wt/vol: 14.12(g) Date Analyzed: 10/05/2011 11:06
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 12.5 Level: (low/med) Medium
 Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	417		20	3.3
100-41-4	Ethylbenzene	424		20	5.0
1330-20-7	Xylenes, Total	1280		61	8.8
100-42-5	Styrene	423		20	2.8
75-25-2	Bromoform	413		20	2.0
98-82-8	Isopropylbenzene	442		20	4.3
79-34-5	1,1,2,2-Tetrachloroethane	294		20	1.7
541-73-1	1,3-Dichlorobenzene	432		20	4.6
106-46-7	1,4-Dichlorobenzene	442		20	3.1
95-50-1	1,2-Dichlorobenzene	411		20	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	444		20	3.1
120-82-1	1,2,4-Trichlorobenzene	473		20	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		57-135
460-00-4	4-Bromofluorobenzene	97		50-124
2037-26-5	Toluene-d8 (Surr)	92		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04294.d
 Report Date: 05-Oct-2011 11:42

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04294.d
 Lab Smp Id: 460-31552-C-4-AMS
 Inj Date : 05-OCT-2011 11:06
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31552-C-4-AMS;50;;14.12;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
 Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
 Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
 Als bottle: 15 QC Sample: MS
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	14.12000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.572	2.564	(0.328)	106842	17.2448	1500	
3 Chloromethane	50	2.734	2.717	(0.348)	57958	14.9799	1300	
4 Vinyl Chloride	62	2.916	2.890	(0.372)	71098	18.8434	1700	
6 Bromomethane	94	3.270	3.279	(0.417)	37660	12.4620	1100	
5 Chloroethane	64	3.370	3.389	(0.430)	21455	10.1206	900(R)	
7 Trichlorofluoromethane	101	3.680	3.708	(0.469)	107568	14.2697	1300	
11 Ethyl Ether	59	4.013	3.990	(0.512)	42766	16.2455	1400	
13 Acrolein	56	4.187	4.164	(0.534)	12701	24.2725	2100	
15 1,1-Dichloroethene	96	4.296	4.291	(0.548)	52801	18.1512	1600	
14 Freon TF	101	4.314	4.300	(0.550)	112654	17.4831	1500	
16 Acetone	58	4.397	4.355	(0.560)	4346	22.1126	2000	
17 Iodomethane	142	4.506	4.501	(0.574)	153813	17.1169	1500	
18 Carbon Disulfide	76	4.588	4.574	(0.585)	155504	15.2041	1300	
27 Methyl Acetate	74	4.734	4.711	(0.603)	14864	20.6528	1800	

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.860	4.857	(0.620)	64426	17.1541	1500
24 TBA	59	5.014	4.939	(0.639)	99617	373.992	33000
25 trans-1,2-Dichloroethene	96	5.168	5.159	(0.659)	64996	18.9335	1700
26 Acrylonitrile	53	5.177	5.131	(0.660)	20163	28.5211	2500
28 MTBE	73	5.168	5.140	(0.659)	153293	17.1440	1500
29 Hexane	56	5.459	5.442	(0.696)	30799	23.2480	2000
30 1,1-Dichloroethane	63	5.676	5.661	(0.724)	132545	18.7950	1700
31 Vinyl Acetate	43	5.704	5.679	(0.727)	124760	10.9757	970(R)
32 DIPE	45	5.713	5.679	(0.728)	287033	17.3576	1500
35 t-Butyl-ethyl-ether	59	6.148	6.124	(0.784)	233360	18.6511	1600
37 2,2-Dichloropropane	77	6.384	6.389	(0.814)	102247	20.3000	1800
36 cis-1,2-Dichloroethene	96	6.384	6.371	(0.814)	73986	19.8269	1800
38 2-Butanone	72	6.393	6.371	(0.815)	5232	18.2834	1600
39 Ethyl Acetate	70	6.421	6.407	(0.818)	12853	34.7835	3100
40 Bromochloromethane	128	6.703	6.678	(0.854)	46830	19.4325	1700
41 Tetrahydrofuran	42	6.749	6.724	(0.860)	16907	20.8963	1800
42 Chloroform	83	6.767	6.751	(0.863)	143846	20.1436	1800
43 1,1,1-Trichloroethane	97	7.022	7.016	(0.895)	109816	20.5726	1800
44 Cyclohexane	56	7.094	7.098	(0.904)	78849	20.3026	1800
45 Carbon Tetrachloride	117	7.249	7.234	(0.924)	100977	22.1340	2000
46 1,1-Dichloropropene	75	7.231	7.215	(0.922)	96001	20.9268	1800
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.438	7.425	(0.948)	152254	46.7743	4100
48 Benzene	78	7.511	7.506	(0.665)	187493	19.2812	1700
49 1,2-Dichloroethane	62	7.539	7.525	(0.961)	89684	21.9657	1900
50 t-Amyl-methyl-ether	73	7.609	7.598	(0.970)	193097	20.3195	1800
61 Isopropyl Acetate	43	7.520	7.506	(0.959)	375820	38.9076	3400
* 52 Fluorobenzene	96	7.844	7.834	(1.000)	458666	50.0000	
54 Trichloroethene	95	8.298	8.288	(1.058)	101465	26.5961	2400(R)
56 Methyl cyclohexane	83	8.535	8.525	(1.088)	58693	22.6038	2000
55 Ethyl Acrylate	55	8.380	8.361	(1.068)	84065	20.1744	1800
57 1,2-Dichloropropane	63	8.589	8.571	(1.095)	86376	21.3048	1900
58 Dibromomethane	93	8.726	8.727	(1.112)	74457	20.7330	1800
59 Methyl Methacrylate	100	8.662	8.653	(1.104)	16962	20.3112	1800
68 Bromodichloromethane	83	8.890	8.891	(1.133)	145574	21.6707	1900
62 2-Chloroethyl Vinyl Ether	63	9.207	9.207	(1.174)	43994	21.6001	1900
63 Epichlorohydrin	57	9.316	9.307	(0.824)	126464	366.125	32000
67 cis-1,3-Dichloropropene	75	9.398	9.398	(0.832)	122050	20.2423	1800
70 4-Methyl-2-Pentanone	43	9.552	9.554	(0.845)	70470	18.8378	1700
\$ 65 Toluene-d8 (SUR)	98	9.707	9.709	(0.859)	326605	45.7861	4000
66 Toluene	91	9.789	9.782	(0.866)	186517	20.8625	1800
64 trans-1,3-Dichloropropene	75	10.017	10.019	(0.886)	101969	20.4842	1800
69 1,1,2-Trichloroethane	83	10.235	10.237	(0.906)	60203	19.5663	1700
71 Tetrachloroethene	166	10.400	10.401	(0.920)	69664	22.0321	2000
72 1,3-Dichloropropane	76	10.427	10.429	(0.923)	110204	19.3829	1700
73 2-Hexanone	43	10.482	10.482	(0.928)	47484	23.0907	2000
74 Dibromochloromethane	129	10.683	10.683	(0.945)	112096	20.2939	1800
76 Butyl Acetate	73	10.591	10.592	(0.937)	41700	37.7553	3300

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04294.d
Report Date: 05-Oct-2011 11:42

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.829	10.828	(0.958)	97607	20.6763	1800
* 78 Chlorobenzene-d5	117	11.300	11.302	(1.000)	334896	50.0000	
79 Chlorobenzene	112	11.326	11.339	(1.002)	135882	20.6251	1800
80 1,1,1,2-Tetrachloroethane	131	11.407	11.412	(1.010)	75237	19.9817	1800
81 Ethylbenzene	106	11.416	11.422	(1.010)	52781	20.9774	1800
82 m+p-Xylene	106	11.534	11.540	(1.021)	138934	42.0894	3700
84 o-Xylene	106	11.951	11.959	(1.058)	67717	21.0480	1900
85 Styrene	104	11.960	11.968	(1.058)	124761	20.8927	1800
83 Butyl Acrylate	73	11.852	11.849	(1.049)	65492	21.7426	1900
86 Bromoform	173	12.193	12.204	(1.079)	70335	20.3875	1800
88 Isopropylbenzene	105	12.310	12.314	(1.089)	165679	21.8364	1900
\$ 89 Bromofluorobenzene (SUR)	174	12.492	12.497	(0.910)	143583	48.7174	4300
90 Camphene (total)	93	12.609	12.607	(1.116)	66956	26.3304	2300
91 Bromobenzene	156	12.673	12.671	(0.923)	65298	20.7396	1800
92 1,1,2,2-Tetrachloroethane	83	12.618	12.625	(0.919)	75577	14.5357	1300(R)
93 1,2,3-Trichloropropane	110	12.682	12.689	(0.924)	24754	20.1494	1800
94 trans-1,4-Dichloro-2-butene	53	12.673	12.689	(0.923)	24719	23.4357	2100
95 n-Propylbenzene	91	12.725	12.735	(0.927)	193096	23.5938	2100
96 2-Chlorotoluene	91	12.853	12.855	(0.936)	108006	14.9275	1300(R)
97 1,3,5-Trimethylbenzene	105	12.889	12.891	(0.939)	128365	21.2261	1900
98 4-Chlorotoluene	91	12.960	12.965	(0.944)	168187	21.8037	1900
99 Butyl Methacrylate	87	12.933	12.937	(0.942)	106278	20.2509	1800
100 tert-Butylbenzene	119	13.252	13.256	(0.965)	119186	20.4717	1800
101 1,2,4-Trimethylbenzene	105	13.298	13.302	(0.969)	130314	20.8618	1800
103 sec-Butylbenzene	105	13.480	13.493	(0.982)	166731	21.3152	1900
105 1,3-Dichlorobenzene	146	13.662	13.667	(0.995)	86014	21.3406	1900
107 p-Isopropyltoluene	119	13.616	13.630	(0.992)	125730	20.8690	1800
* 108 1,4-Dichlorobenzene-d4	152	13.726	13.731	(1.000)	141043	50.0000	
109 1,4-Dichlorobenzene	146	13.744	13.759	(1.001)	112750	21.8625	1900
110 Benzyl Chloride	91	13.897	13.901	(1.012)	107395	18.4722	1600
106 n-Butylbenzene	91	14.088	14.091	(1.026)	123828	20.6773	1800
111 1,2-Dichlorobenzene	146	14.198	14.208	(1.034)	91698	20.3147	1800
112 1,2-Dibromo-3-chloropropane	75	15.159	15.173	(1.104)	20919	21.9494	1900
114 1,2,4-Trichlorobenzene	180	16.340	16.362	(1.190)	54186	23.3550	2100
115 Hexachlorobutadiene	225	16.550	16.563	(1.206)	43911	19.9250	1800
116 Naphthalene	128	16.779	16.802	(1.222)	86830	24.4340	2200
117 1,2,3-Trichlorobenzene	180	17.195	17.215	(1.253)	45693	28.0253	2500
M 120 1,2-Dichloroethene (Total)	100				138982	38.7977	3400
M 121 Xylene (Total)	100				206651	63.1374	5600

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

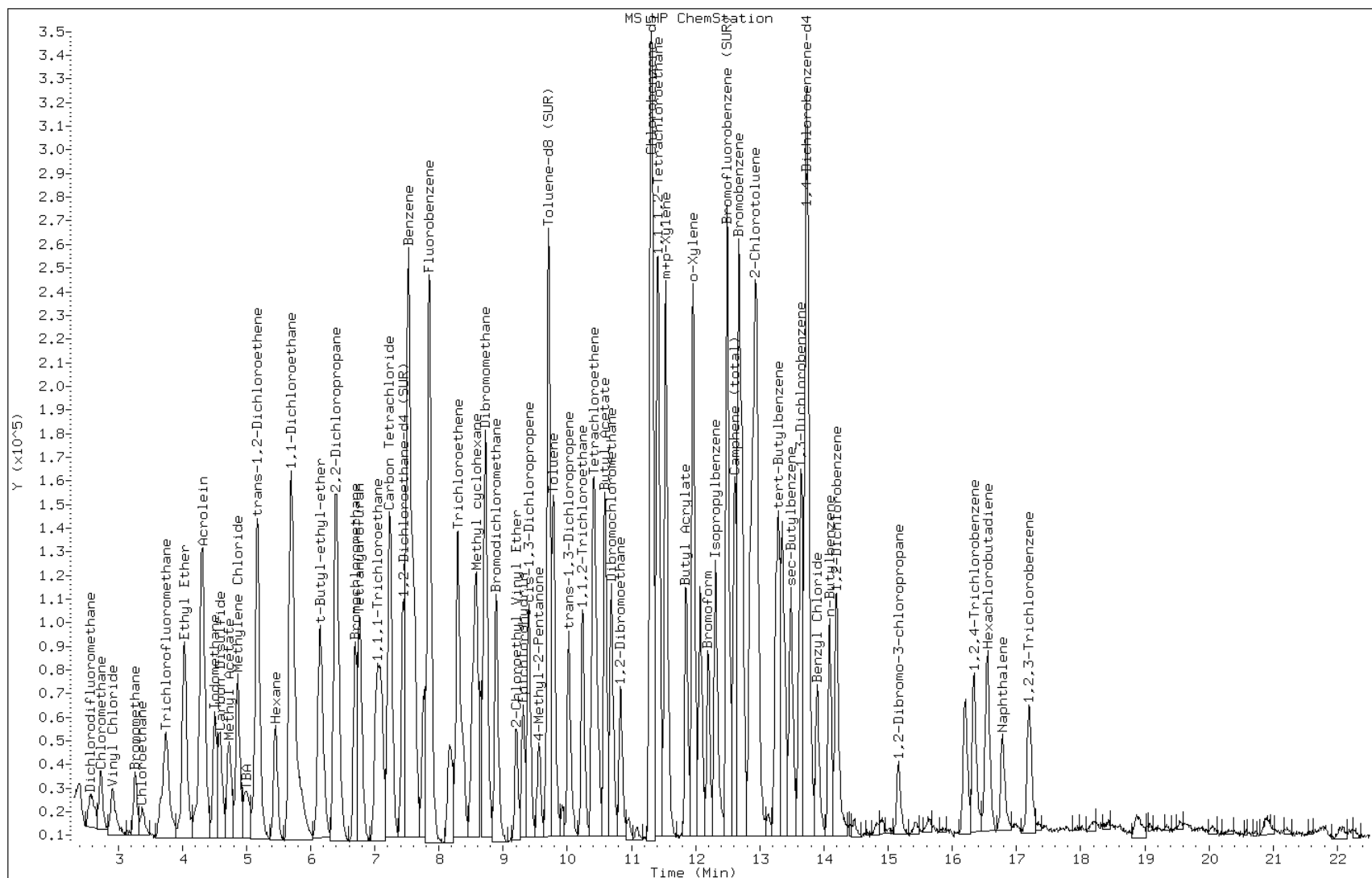
Data File: j04294.d

Date: 05-OCT-2011 11:06

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-31552-C-4-AMS;50;;14.12;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-043 MS Lab Sample ID: 460-31552-5 MS

Matrix: Solid Lab File ID: j04029.d

Analysis Method: 8260B Date Collected: 09/21/2011 11:20

Sample wt/vol: 16.95(g) Date Analyzed: 09/28/2011 02:40

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53(mm)

% Moisture: 13.3 Level: (low/med) Medium

Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1420		85	24
74-87-3	Chloromethane	1520		85	18
75-01-4	Vinyl chloride	1450		85	10
74-83-9	Bromomethane	1040		85	27
75-00-3	Chloroethane	798		85	38
75-69-4	Trichlorofluoromethane	1290		85	13
75-35-4	1,1-Dichloroethene	1300		85	12
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1360		85	24
67-64-1	Acetone	1230		850	210
75-15-0	Carbon disulfide	1360		85	12
79-20-9	Methyl acetate	1490		170	28
75-09-2	Methylene Chloride	1430		85	16
156-60-5	trans-1,2-Dichloroethene	1430		85	12
1634-04-4	Methyl tert-butyl ether	1430		85	16
75-34-3	1,1-Dichloroethane	1450		85	8.5
156-59-2	cis-1,2-Dichloroethene	1510		85	16
78-93-3	2-Butanone (MEK)	1750		850	70
67-66-3	Chloroform	1410		85	13
71-55-6	1,1,1-Trichloroethane	1430		85	21
110-82-7	Cyclohexane	1540		85	11
56-23-5	Carbon tetrachloride	1500		85	15
71-43-2	Benzene	1440		85	10
107-06-2	1,2-Dichloroethane	1510		85	21
79-01-6	Trichloroethene	1480		85	15
108-87-2	Methylcyclohexane	1590		85	6.8
78-87-5	1,2-Dichloropropane	1500		85	7.4
75-27-4	Dichlorobromomethane	1460		85	7.6
10061-01-5	cis-1,3-Dichloropropene	1460		85	8.7
108-10-1	4-Methyl-2-pentanone (MIBK)	1440		850	58
108-88-3	Toluene	1430		85	8.1
10061-02-6	trans-1,3-Dichloropropene	1490		85	10
79-00-5	1,1,2-Trichloroethane	1520		85	8.3
127-18-4	Tetrachloroethene	1520		85	17
591-78-6	2-Hexanone	1440		850	46
124-48-1	Chlorodibromomethane	1510		85	8.6
106-93-4	1,2-Dibromoethane	1480		85	7.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 MS Lab Sample ID: 460-31552-5 MS
 Matrix: Solid Lab File ID: j04029.d
 Analysis Method: 8260B Date Collected: 09/21/2011 11:20
 Sample wt/vol: 16.95(g) Date Analyzed: 09/28/2011 02:40
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 13.3 Level: (low/med) Medium
 Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	1490		85	14
100-41-4	Ethylbenzene	1520		85	21
1330-20-7	Xylenes, Total	4600		260	37
100-42-5	Styrene	1510		85	12
75-25-2	Bromoform	1450		85	8.4
98-82-8	Isopropylbenzene	1610		85	18
79-34-5	1,1,2,2-Tetrachloroethane	1350		85	7.3
541-73-1	1,3-Dichlorobenzene	1410		85	19
106-46-7	1,4-Dichlorobenzene	1540		85	13
95-50-1	1,2-Dichlorobenzene	1470		85	14
96-12-8	1,2-Dibromo-3-Chloropropane	1510		85	13
120-82-1	1,2,4-Trichlorobenzene	1500		85	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		57-135
460-00-4	4-Bromofluorobenzene	101		50-124
2037-26-5	Toluene-d8 (Surr)	104		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04029.d
 Report Date: 28-Sep-2011 09:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04029.d
 Lab Smp Id: 460-31552-B-5-AMS
 Inj Date : 28-SEP-2011 02:40
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31552-B-5-AMS;50;;16.95;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
 Meth Date : 27-Sep-2011 21:24 eddie Quant Type: ISTD
 Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
 Als bottle: 15 QC Sample: MS
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	16.95000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.583	2.590	(0.329)	178441	16.7041	1200	
3 Chloromethane	50	2.739	2.731	(0.349)	120480	17.9016	1300	
4 Vinyl Chloride	62	2.913	2.911	(0.371)	111807	17.0546	1200	
6 Bromomethane	94	3.270	3.291	(0.416)	71271	12.2754	900	
5 Chloroethane	64	3.379	3.410	(0.430)	33372	9.37816	690(R)	
7 Trichlorofluoromethane	101	3.698	3.718	(0.471)	169441	15.1917	1100	
11 Ethyl Ether	59	4.027	4.011	(0.512)	62920	15.3568	1100	
13 Acrolein	56	4.191	4.194	(0.533)	18026	25.6451	1900	
15 1,1-Dichloroethene	96	4.310	4.304	(0.549)	81230	15.2522	1100	
14 Freon TF	101	4.320	4.331	(0.550)	146132	15.9986	1200	
16 Acetone	58	4.393	4.359	(0.559)	5127	14.4175	1100	
17 Iodomethane	142	4.511	4.515	(0.574)	235534	16.5659	1200	
18 Carbon Disulfide	76	4.593	4.597	(0.585)	239194	15.9986	1200	
27 Methyl Acetate	74	4.739	4.723	(0.603)	19919	17.4665	1300	

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.876	4.867	(0.621)	108965	16.7515	1200
24 TBA	59	5.010	4.959	(0.638)	123621	331.926	24000
25 trans-1,2-Dichloroethene	96	5.183	5.178	(0.660)	103706	16.7910	1200
26 Acrylonitrile	53	5.166	5.159	(0.657)	21340	17.6510	1300
28 MTBE	73	5.174	5.159	(0.659)	237115	16.7987	1200
29 Hexane	56	5.448	5.467	(0.693)	31842	17.1795	1300
30 1,1-Dichloroethane	63	5.686	5.686	(0.724)	206961	16.9960	1200
31 Vinyl Acetate	43	5.713	5.705	(0.727)	283510	16.7008	1200
32 DIPE	45	5.713	5.696	(0.727)	433577	16.4826	1200
35 t-Butyl-ethyl-ether	59	6.159	6.138	(0.784)	348198	16.9630	1200
37 2,2-Dichloropropane	77	6.396	6.399	(0.814)	160724	17.6631	1300
36 cis-1,2-Dichloroethene	96	6.396	6.381	(0.814)	117923	17.7778	1300
38 2-Butanone	72	6.396	6.381	(0.814)	7582	20.5713	1500
39 Ethyl Acetate	70	6.432	6.427	(0.819)	19782	34.2128	2500
40 Bromochloromethane	128	6.716	6.694	(0.855)	73731	16.7865	1200
41 Tetrahydrofuran	42	6.761	6.749	(0.861)	22425	16.5546	1200
42 Chloroform	83	6.780	6.767	(0.863)	230736	16.5958	1200
43 1,1,1-Trichloroethane	97	7.033	7.037	(0.895)	172105	16.8346	1200
44 Cyclohexane	56	7.106	7.102	(0.904)	102633	18.0548	1300
45 Carbon Tetrachloride	117	7.253	7.257	(0.923)	157171	17.5872	1300
46 1,1-Dichloropropene	75	7.234	7.239	(0.921)	157865	18.1171	1300
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.450	(0.947)	283047	53.1823	3900
48 Benzene	78	7.526	7.523	(0.665)	304885	16.9375	1200
49 1,2-Dichloroethane	62	7.544	7.541	(0.960)	137954	17.7178	1300
50 t-Amyl-methyl-ether	73	7.625	7.605	(0.971)	291271	17.7088	1300
61 Isopropyl Acetate	43	7.535	7.523	(0.959)	578460	34.7905	2600
* 52 Fluorobenzene	96	7.857	7.857	(1.000)	733391	50.0000	
54 Trichloroethene	95	8.303	8.295	(1.057)	125785	17.4203	1300
56 Methyl cyclohexane	83	8.532	8.541	(1.086)	71742	18.7141	1400
55 Ethyl Acrylate	55	8.386	8.378	(1.067)	134238	18.5281	1400
57 1,2-Dichloropropane	63	8.596	8.596	(1.094)	136513	17.6797	1300
58 Dibromomethane	93	8.743	8.733	(1.113)	120406	17.7421	1300
59 Methyl Methacrylate	100	8.669	8.669	(1.103)	25264	16.8191	1200
68 Bromodichloromethane	83	8.906	8.905	(1.134)	225668	17.1350	1300
62 2-Chloroethyl Vinyl Ether	63	9.224	9.212	(1.174)	72799	19.7366	1400
63 Epichlorohydrin	57	9.325	9.312	(0.824)	178805	326.434	24000
67 cis-1,3-Dichloropropene	75	9.407	9.413	(0.831)	197322	17.1619	1300
70 4-Methyl-2-Pentanone	43	9.572	9.567	(0.846)	103699	16.8659	1200
\$ 65 Toluene-d8 (SUR)	98	9.718	9.719	(0.859)	618478	52.1217	3800
66 Toluene	91	9.800	9.793	(0.866)	288569	16.7700	1200
64 trans-1,3-Dichloropropene	75	10.033	10.022	(0.887)	166060	17.5415	1300
69 1,1,2-Trichloroethane	83	10.253	10.250	(0.906)	99111	17.9208	1300
71 Tetrachloroethene	166	10.409	10.404	(0.920)	104483	17.8968	1300
72 1,3-Dichloropropane	76	10.437	10.431	(0.922)	176796	16.8346	1200
73 2-Hexanone	43	10.492	10.477	(0.927)	61592	16.9370	1200
74 Dibromochloromethane	129	10.701	10.695	(0.946)	183594	17.7754	1300
76 Butyl Acetate	73	10.600	10.588	(0.937)	65027	35.5902	2600

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04029.d
 Report Date: 28-Sep-2011 09:37

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.838	10.832	(0.958)	158035	17.4020	1300
* 78 Chlorobenzene-d5	117	11.317	11.314	(1.000)	553569	50.0000	
79 Chlorobenzene	112	11.344	11.342	(1.002)	216128	17.4769	1300
80 1,1,1,2-Tetrachloroethane	131	11.418	11.415	(1.009)	121630	17.8102	1300
81 Ethylbenzene	106	11.427	11.425	(1.010)	83332	17.8306	1300
82 m+p-Xylene	106	11.546	11.543	(1.020)	222361	35.3394	2600
84 o-Xylene	106	11.964	11.966	(1.057)	111724	18.7233	1400
85 Styrene	104	11.983	11.975	(1.059)	201987	17.6967	1300
83 Butyl Acrylate	73	11.864	11.855	(1.048)	92113	17.0752	1200
86 Bromoform	173	12.212	12.211	(1.079)	109270	17.0131	1200
88 Isopropylbenzene	105	12.318	12.321	(1.088)	266172	18.9122	1400
\$ 89 Bromofluorobenzene (SUR)	174	12.509	12.505	(0.911)	262473	50.4170	3700
90 Camphene (total)	93	12.610	12.615	(1.114)	70501	17.7371	1300
91 Bromobenzene	156	12.692	12.688	(0.924)	105003	15.9814	1200
92 1,1,2,2-Tetrachloroethane	83	12.628	12.633	(0.919)	164381	15.8119	1200(R)
93 1,2,3-Trichloropropane	110	12.701	12.697	(0.925)	38141	15.1056	1100(R)
94 trans-1,4-Dichloro-2-butene	53	12.674	12.688	(0.923)	27340	14.9349	1100
95 n-Propylbenzene	91	12.738	12.734	(0.927)	303235	17.2423	1300
96 2-Chlorotoluene	91	12.858	12.853	(0.936)	248887	22.8475	1700
97 1,3,5-Trimethylbenzene	105	12.904	12.900	(0.940)	199931	16.5518	1200
98 4-Chlorotoluene	91	12.977	12.964	(0.945)	251314	16.1372	1200
99 Butyl Methacrylate	87	12.940	12.936	(0.942)	161811	16.4080	1200
100 tert-Butylbenzene	119	13.270	13.264	(0.966)	183387	16.7324	1200
101 1,2,4-Trimethylbenzene	105	13.306	13.309	(0.969)	208027	15.9322	1200(R)
103 sec-Butylbenzene	105	13.505	13.491	(0.983)	253093	16.6723	1200
105 1,3-Dichlorobenzene	146	13.670	13.664	(0.995)	131062	16.6090	1200
107 p-Isopropyltoluene	119	13.643	13.638	(0.993)	191537	16.8745	1200
* 108 1,4-Dichlorobenzene-d4	152	13.735	13.736	(1.000)	251554	50.0000	
109 1,4-Dichlorobenzene	146	13.768	13.763	(1.002)	177529	18.0674	1300
110 Benzyl Chloride	91	13.910	13.909	(1.013)	162737	16.8978	1200
106 n-Butylbenzene	91	14.100	14.091	(1.027)	186014	17.5700	1300
111 1,2-Dichlorobenzene	146	14.211	14.209	(1.035)	145394	17.3137	1300
112 1,2-Dibromo-3-chloropropane	75	15.175	15.166	(1.105)	27834	17.7099	1300
114 1,2,4-Trichlorobenzene	180	16.367	16.350	(1.192)	66908	17.5841	1300
115 Hexachlorobutadiene	225	16.565	16.559	(1.206)	58798	17.1678	1300
116 Naphthalene	128	16.799	16.805	(1.223)	94381	14.0058	1000
117 1,2,3-Trichlorobenzene	180	17.218	17.216	(1.254)	43405	13.1502	970
M 120 1,2-Dichloroethene (Total)	100				221629	34.6040	2600
M 121 Xylene (Total)	100				334086	54.0627	4000

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

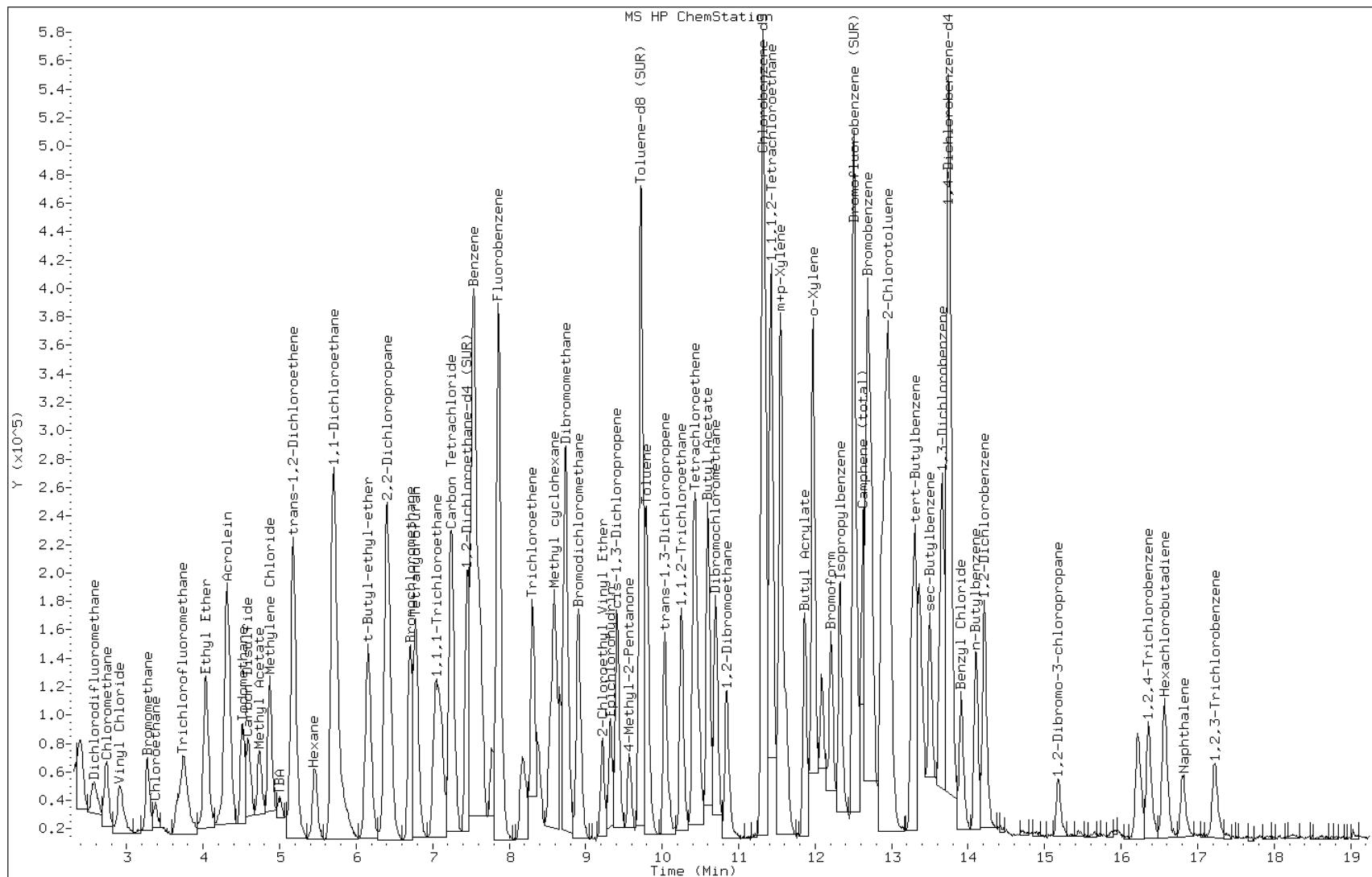
Data File: j04029.d

Date: 28-SEP-2011 02:40

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-31552-B-5-AMS;50;;16.95;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4 MSD

Matrix: Solid Lab File ID: j04293.d

Analysis Method: 8260B Date Collected: 09/21/2011 11:05

Sample wt/vol: 14.12(g) Date Analyzed: 10/05/2011 10:36

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 12.5 Level: (low/med) Medium

Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	386		20	5.7
74-87-3	Chloromethane	357		20	4.3
75-01-4	Vinyl chloride	422		20	2.4
74-83-9	Bromomethane	283		20	6.4
75-00-3	Chloroethane	222		20	9.0
75-69-4	Trichlorofluoromethane	306		20	3.2
75-35-4	1,1-Dichloroethene	408		20	2.8
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	374		20	5.8
67-64-1	Acetone	466		200	50
75-15-0	Carbon disulfide	337		20	3.0
79-20-9	Methyl acetate	419		40	6.6
75-09-2	Methylene Chloride	400		20	3.9
156-60-5	trans-1,2-Dichloroethene	419		20	2.8
1634-04-4	Methyl tert-butyl ether	373		20	3.7
75-34-3	1,1-Dichloroethane	430		20	2.0
156-59-2	cis-1,2-Dichloroethene	445		20	3.9
78-93-3	2-Butanone (MEK)	403		200	17
67-66-3	Chloroform	457		20	3.1
71-55-6	1,1,1-Trichloroethane	459		20	5.0
110-82-7	Cyclohexane	421		20	2.5
56-23-5	Carbon tetrachloride	496		20	3.6
71-43-2	Benzene	431		20	2.4
107-06-2	1,2-Dichloroethane	478		20	5.0
79-01-6	Trichloroethene	514		20	3.6
108-87-2	Methylcyclohexane	467		20	1.6
78-87-5	1,2-Dichloropropane	476		20	1.8
75-27-4	Dichlorobromomethane	476		20	1.8
10061-01-5	cis-1,3-Dichloropropene	447		20	2.1
108-10-1	4-Methyl-2-pentanone (MIBK)	397		200	14
108-88-3	Toluene	466		20	1.9
10061-02-6	trans-1,3-Dichloropropene	448		20	2.5
79-00-5	1,1,2-Trichloroethane	426		20	2.0
127-18-4	Tetrachloroethene	510		20	4.0
591-78-6	2-Hexanone	452		200	11
124-48-1	Chlorodibromomethane	457		20	2.0
106-93-4	1,2-Dibromoethane	444		20	1.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4 MSD
 Matrix: Solid Lab File ID: j04293.d
 Analysis Method: 8260B Date Collected: 09/21/2011 11:05
 Sample wt/vol: 14.12(g) Date Analyzed: 10/05/2011 10:36
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 5(mL) GC Column: DB-624 ID: 0.53(mm)
 % Moisture: 12.5 Level: (low/med) Medium
 Analysis Batch No.: 88346 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	474		20	3.3
100-41-4	Ethylbenzene	476		20	5.0
1330-20-7	Xylenes, Total	1460		61	8.8
100-42-5	Styrene	462		20	2.8
75-25-2	Bromoform	450		20	2.0
98-82-8	Isopropylbenzene	479		20	4.3
79-34-5	1,1,2,2-Tetrachloroethane	365		20	1.7
541-73-1	1,3-Dichlorobenzene	448		20	4.6
106-46-7	1,4-Dichlorobenzene	458		20	3.1
95-50-1	1,2-Dichlorobenzene	433		20	3.3
96-12-8	1,2-Dibromo-3-Chloropropane	430		20	3.1
120-82-1	1,2,4-Trichlorobenzene	503		20	8.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		57-135
460-00-4	4-Bromofluorobenzene	98		50-124
2037-26-5	Toluene-d8 (Surr)	104		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04293.d
 Report Date: 05-Oct-2011 10:55

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04293.d
 Lab Smp Id: 460-31552-C-4-AMSD
 Inj Date : 05-OCT-2011 10:36
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31552-C-4-AMSD;50;;14.12;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/8260DE_09.m
 Meth Date : 05-Oct-2011 09:06 audberto Quant Type: ISTD
 Cal Date : 05-OCT-2011 04:07 Cal File: j04280.d
 Als bottle: 14 QC Sample: MSD
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

Concentration Formula: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	14.12000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/L)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
2 Dichlorodifluoromethane	85	2.573	2.564	(0.328)	116324	19.0541	1700	
3 Chloromethane	50	2.737	2.717	(0.349)	67254	17.6409	1600	
4 Vinyl Chloride	62	2.910	2.890	(0.371)	77565	20.8627	1800	
6 Bromomethane	94	3.266	3.279	(0.416)	41598	13.9697	1200	
5 Chloroethane	64	3.365	3.389	(0.429)	22907	10.9662	970(R)	
7 Trichlorofluoromethane	101	3.672	3.708	(0.468)	112344	15.1246	1300	
11 Ethyl Ether	59	4.018	3.990	(0.512)	42966	16.5641	1500	
13 Acrolein	56	4.210	4.164	(0.536)	16343	31.6958	2800	
15 1,1-Dichloroethene	96	4.301	4.291	(0.548)	57737	20.1427	1800	
14 Freon TF	101	4.301	4.300	(0.548)	117357	18.4835	1600	
16 Acetone	58	4.372	4.355	(0.557)	4459	23.0259	2000	
17 Iodomethane	142	4.509	4.501	(0.575)	171765	19.3986	1700	
18 Carbon Disulfide	76	4.599	4.574	(0.586)	167818	16.6517	1500	
27 Methyl Acetate	74	4.744	4.711	(0.604)	14678	20.6970	1800	

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04293.d
Report Date: 05-Oct-2011 10:55

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.863	4.857	(0.620)	73102	19.7533	1700
24 TBA	59	4.991	4.939	(0.636)	98318	374.597	33000
25 trans-1,2-Dichloroethene	96	5.164	5.159	(0.658)	70023	20.7010	1800
26 Acrylonitrile	53	5.164	5.131	(0.658)	18317	26.2940	2300
28 MTBE	73	5.164	5.140	(0.658)	162239	18.4140	1600
29 Hexane	56	5.446	5.442	(0.694)	27678	21.2024	1900
30 1,1-Dichloroethane	63	5.683	5.661	(0.724)	147510	21.2277	1900
31 Vinyl Acetate	43	5.700	5.679	(0.726)	161330	14.4037	1300(R)
32 DIPE	45	5.700	5.679	(0.726)	314689	19.3127	1700
35 t-Butyl-ethyl-ether	59	6.145	6.124	(0.783)	247264	20.0558	1800
37 2,2-Dichloropropane	77	6.399	6.389	(0.815)	113742	22.9177	2000
36 cis-1,2-Dichloroethene	96	6.382	6.371	(0.813)	80840	21.9855	1900
38 2-Butanone	72	6.408	6.371	(0.817)	5614	19.9104	1800
39 Ethyl Acetate	70	6.444	6.407	(0.821)	14509	39.8461	3500
40 Bromochloromethane	128	6.690	6.678	(0.852)	50688	21.3454	1900
41 Tetrahydrofuran	42	6.744	6.724	(0.859)	15147	18.9997	1700
42 Chloroform	83	6.771	6.751	(0.863)	158999	22.5962	2000
43 1,1,1-Trichloroethane	97	7.036	7.016	(0.897)	119415	22.7031	2000
44 Cyclohexane	56	7.099	7.098	(0.905)	79623	20.8063	1800
45 Carbon Tetrachloride	117	7.245	7.234	(0.923)	110081	24.4879	2200
46 1,1-Dichloropropene	75	7.227	7.215	(0.921)	102439	22.6618	2000
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.446	7.425	(0.949)	164480	51.2810	4500
48 Benzene	78	7.510	7.506	(0.665)	203995	21.2947	1900
49 1,2-Dichloroethane	62	7.547	7.525	(0.962)	95085	23.6343	2100
50 t-Amyl-methyl-ether	73	7.610	7.598	(0.970)	206637	22.0672	2000
61 Isopropyl Acetate	43	7.528	7.506	(0.959)	391496	41.1325	3600
* 52 Fluorobenzene	96	7.848	7.834	(1.000)	451953	50.0000	
54 Trichloroethene	95	8.295	8.288	(1.057)	95486	25.4005	2200(R)
56 Methyl cyclohexane	83	8.522	8.525	(1.086)	59012	23.0642	2000
55 Ethyl Acrylate	55	8.376	8.361	(1.067)	90251	21.9806	1900
57 1,2-Dichloropropane	63	8.583	8.571	(1.094)	93890	23.5022	2100
58 Dibromomethane	93	8.730	8.727	(1.112)	81311	22.9777	2000
59 Methyl Methacrylate	100	8.666	8.653	(1.104)	16874	20.5057	1800
68 Bromodichloromethane	83	8.888	8.891	(1.133)	155704	23.5230	2100
62 2-Chloroethyl Vinyl Ether	63	9.215	9.207	(1.174)	50721	25.2732	2200
63 Epichlorohydrin	57	9.315	9.307	(0.824)	125933	370.091	33000
67 cis-1,3-Dichloropropene	75	9.398	9.398	(0.832)	131100	22.0714	2000
70 4-Methyl-2-Pentanone	43	9.560	9.554	(0.846)	72239	19.6021	1700
\$ 65 Toluene-d8 (SUR)	98	9.713	9.709	(0.860)	367221	52.2567	4600
66 Toluene	91	9.785	9.782	(0.866)	202709	23.0157	2000
64 trans-1,3-Dichloropropene	75	10.023	10.019	(0.887)	108632	22.1520	2000
69 1,1,2-Trichloroethane	83	10.243	10.237	(0.907)	63807	21.0506	1900
71 Tetrachloroethene	166	10.389	10.401	(0.919)	78559	25.2198	2200
72 1,3-Dichloropropane	76	10.426	10.429	(0.923)	117115	20.9092	1800
73 2-Hexanone	43	10.481	10.482	(0.928)	45210	22.3171	2000
74 Dibromochloromethane	129	10.688	10.683	(0.946)	122829	22.5726	2000
76 Butyl Acetate	73	10.589	10.592	(0.937)	41816	38.4312	3400

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b/j04293.d
Report Date: 05-Oct-2011 10:55

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.833	10.828	(0.959)	101965	21.9254	1900
* 78 Chlorobenzene-d5	117	11.299	11.302	(1.000)	329918	50.0000	
79 Chlorobenzene	112	11.335	11.339	(1.003)	151973	23.4156	2100
80 1,1,1,2-Tetrachloroethane	131	11.407	11.412	(1.010)	83078	22.3970	2000
81 Ethylbenzene	106	11.416	11.422	(1.010)	58318	23.5278	2100
82 m+p-Xylene	106	11.534	11.540	(1.021)	159897	49.1708	4400
84 o-Xylene	106	11.950	11.959	(1.058)	72899	23.0006	2000
85 Styrene	104	11.968	11.968	(1.059)	134367	22.8408	2000
83 Butyl Acrylate	73	11.853	11.849	(1.049)	69621	23.4621	2100
86 Bromoform	173	12.202	12.204	(1.080)	75517	22.2197	2000
88 Isopropylbenzene	105	12.312	12.314	(1.090)	176796	23.6532	2100
\$ 89 Bromofluorobenzene (SUR)	174	12.491	12.497	(0.910)	152974	49.2092	4400
90 Camphene (total)	93	12.602	12.607	(1.115)	70179	28.0143	2500
91 Bromobenzene	156	12.673	12.671	(0.923)	70669	21.2802	1900
92 1,1,2,2-Tetrachloroethane	83	12.620	12.625	(0.920)	98994	18.0512	1600
93 1,2,3-Trichloropropane	110	12.683	12.689	(0.924)	25911	19.9961	1800
94 trans-1,4-Dichloro-2-butene	53	12.673	12.689	(0.923)	27392	24.6212	2200
95 n-Propylbenzene	91	12.728	12.735	(0.927)	192492	22.2991	2000
96 2-Chlorotoluene	91	12.854	12.855	(0.937)	167399	21.9351	1900
97 1,3,5-Trimethylbenzene	105	12.891	12.891	(0.939)	140846	22.0810	2000
98 4-Chlorotoluene	91	12.955	12.965	(0.944)	180596	22.1969	2000
99 Butyl Methacrylate	87	12.927	12.937	(0.942)	112584	20.3388	1800
100 tert-Butylbenzene	119	13.257	13.256	(0.966)	132291	21.5431	1900
101 1,2,4-Trimethylbenzene	105	13.303	13.302	(0.969)	143788	21.8240	1900
103 sec-Butylbenzene	105	13.486	13.493	(0.983)	179751	21.7867	1900
105 1,3-Dichlorobenzene	146	13.659	13.667	(0.995)	94095	22.1338	2000
107 p-Isopropyltoluene	119	13.623	13.630	(0.993)	139906	22.0164	1900
* 108 1,4-Dichlorobenzene-d4	152	13.724	13.731	(1.000)	148765	50.0000	
109 1,4-Dichlorobenzene	146	13.749	13.759	(1.002)	123137	22.6371	2000
110 Benzyl Chloride	91	13.896	13.901	(1.013)	112981	18.4241	1600
106 n-Butylbenzene	91	14.087	14.091	(1.026)	136886	21.6712	1900
111 1,2-Dichlorobenzene	146	14.197	14.208	(1.034)	101967	21.4170	1900
112 1,2-Dibromo-3-chloropropane	75	15.159	15.173	(1.105)	21342	21.2303	1900
114 1,2,4-Trichlorobenzene	180	16.342	16.362	(1.191)	60788	24.8402	2200
115 Hexachlorobutadiene	225	16.551	16.563	(1.206)	48514	20.8712	1800
116 Naphthalene	128	16.778	16.802	(1.223)	94318	25.1632	2200
117 1,2,3-Trichlorobenzene	180	17.198	17.215	(1.253)	48471	28.1864	2500
M 120 1,2-Dichloroethene (Total)	100				150864	42.7400	3800
M 121 Xylene (Total)	100				232796	72.1714	6400

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

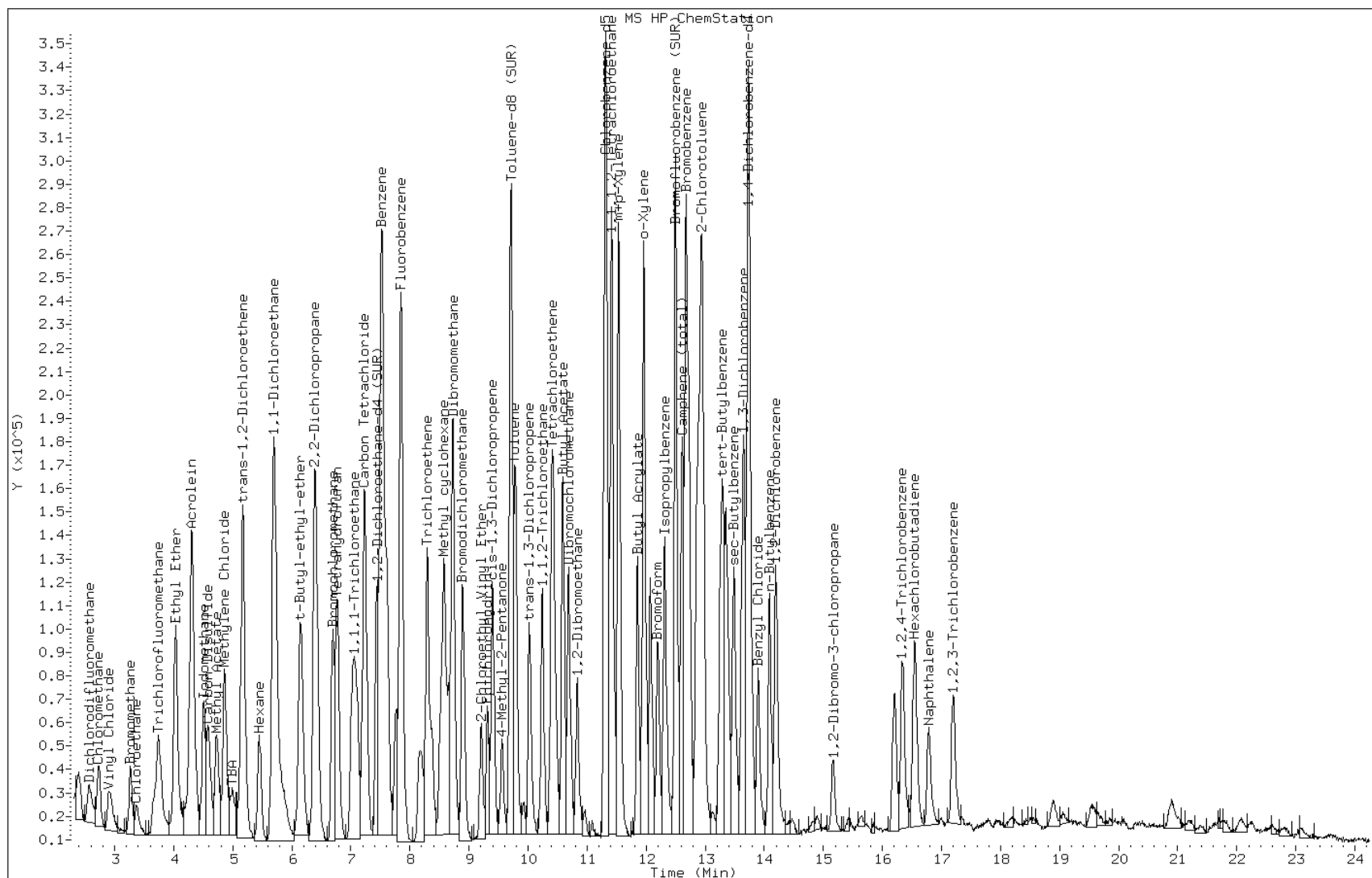
Data File: j04293.d

Date: 05-OCT-2011 10:36

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-31552-C-4-AMSD;50;;14.12;25 Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5 MSD

Matrix: Solid Lab File ID: j04030.d

Analysis Method: 8260B Date Collected: 09/21/2011 11:20

Sample wt/vol: 16.95(g) Date Analyzed: 09/28/2011 03:04

Soil Aliquot Vol: 5 (mL) Dilution Factor: 50

Soil Extract Vol.: 25(mL) GC Column: DB-624 ID: 0.53 (mm)

% Moisture: 13.3 Level: (low/med) Medium

Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1510		85	24
74-87-3	Chloromethane	1540		85	18
75-01-4	Vinyl chloride	1540		85	10
74-83-9	Bromomethane	1100		85	27
75-00-3	Chloroethane	856		85	38
75-69-4	Trichlorofluoromethane	1390		85	13
75-35-4	1,1-Dichloroethene	1430		85	12
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1480		85	24
67-64-1	Acetone	1410		850	210
75-15-0	Carbon disulfide	1510		85	12
79-20-9	Methyl acetate	1570		170	28
75-09-2	Methylene Chloride	1510		85	16
156-60-5	trans-1,2-Dichloroethene	1540		85	12
1634-04-4	Methyl tert-butyl ether	1540		85	16
75-34-3	1,1-Dichloroethane	1550		85	8.5
156-59-2	cis-1,2-Dichloroethene	1640		85	16
78-93-3	2-Butanone (MEK)	1940		850	70
67-66-3	Chloroform	1520		85	13
71-55-6	1,1,1-Trichloroethane	1610		85	21
110-82-7	Cyclohexane	1690		85	11
56-23-5	Carbon tetrachloride	1670		85	15
71-43-2	Benzene	1540		85	10
107-06-2	1,2-Dichloroethane	1680		85	21
79-01-6	Trichloroethene	1650		85	15
108-87-2	Methylcyclohexane	1760		85	6.8
78-87-5	1,2-Dichloropropane	1630		85	7.4
75-27-4	Dichlorobromomethane	1630		85	7.6
10061-01-5	cis-1,3-Dichloropropene	1620		85	8.7
108-10-1	4-Methyl-2-pentanone (MIBK)	1550		850	58
108-88-3	Toluene	1560		85	8.1
10061-02-6	trans-1,3-Dichloropropene	1560		85	10
79-00-5	1,1,2-Trichloroethane	1580		85	8.3
127-18-4	Tetrachloroethene	1650		85	17
591-78-6	2-Hexanone	1490		850	46
124-48-1	Chlorodibromomethane	1580		85	8.6
106-93-4	1,2-Dibromoethane	1560		85	7.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5 MSD
 Matrix: Solid Lab File ID: j04030.d
 Analysis Method: 8260B Date Collected: 09/21/2011 11:20
 Sample wt/vol: 16.95(g) Date Analyzed: 09/28/2011 03:04
 Soil Aliquot Vol: 5 (mL) Dilution Factor: 50
 Soil Extract Vol.: 25 (mL) GC Column: DB-624 ID: 0.53 (mm)
 % Moisture: 13.3 Level: (low/med) Medium
 Analysis Batch No.: 87487 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-90-7	Chlorobenzene	1580		85	14
100-41-4	Ethylbenzene	1620		85	21
1330-20-7	Xylenes, Total	4930		260	37
100-42-5	Styrene	1590		85	12
75-25-2	Bromoform	1530		85	8.4
98-82-8	Isopropylbenzene	1670		85	18
79-34-5	1,1,2,2-Tetrachloroethane	1480		85	7.3
541-73-1	1,3-Dichlorobenzene	1620		85	19
106-46-7	1,4-Dichlorobenzene	1660		85	13
95-50-1	1,2-Dichlorobenzene	1650		85	14
96-12-8	1,2-Dibromo-3-Chloropropane	1770		85	13
120-82-1	1,2,4-Trichlorobenzene	1940		85	37

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	111		57-135
460-00-4	4-Bromofluorobenzene	113		50-124
2037-26-5	Toluene-d8 (Surr)	109		46-130

Data File: /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04030.d
 Report Date: 28-Sep-2011 09:37

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/j04030.d
 Lab Smp Id: 460-31552-B-5-AMSD
 Inj Date : 28-SEP-2011 03:04
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-31552-B-5-AMSD;50;;16.95;25
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/09-22-11DE/27sep11de.b/8260DE_09.m
 Meth Date : 27-Sep-2011 21:24 eddie Quant Type: ISTD
 Cal Date : 27-SEP-2011 20:43 Cal File: j04017.d
 Als bottle: 16 QC Sample: MSD
 Dil Factor: 50.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	50.00000	Dilution Factor
Vt	25.00000	Volume of final extract (mL)
Ws	16.95000	Weight of sample extracted (g)
M	0.00000	% Moisture (not decanted)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L) FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.583	2.590	(0.329)	185571	17.7641	1300
3 Chloromethane	50	2.730	2.731	(0.348)	119250	18.1193	1300
4 Vinyl Chloride	62	2.913	2.911	(0.371)	116140	18.1160	1300
6 Bromomethane	94	3.272	3.291	(0.417)	73420	12.9312	950
5 Chloroethane	64	3.382	3.410	(0.431)	34986	10.0538	740(R)
7 Trichlorofluoromethane	101	3.711	3.718	(0.473)	177636	16.2864	1200
11 Ethyl Ether	59	4.018	4.011	(0.512)	65626	16.3791	1200
13 Acrolein	56	4.217	4.194	(0.537)	20683	30.0888	2200
15 1,1-Dichloroethene	96	4.309	4.304	(0.549)	87263	16.7553	1200
14 Freon TF	101	4.327	4.331	(0.551)	155419	17.3999	1300
16 Acetone	58	4.390	4.359	(0.559)	5757	16.5552	1200
17 Iodomethane	142	4.518	4.515	(0.575)	246582	17.7349	1300
18 Carbon Disulfide	76	4.599	4.597	(0.586)	258704	17.6945	1300
27 Methyl Acetate	74	4.736	4.723	(0.603)	20607	18.4782	1400

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 Methylene Chloride	84	4.864	4.867	(0.619)	113057	17.7732	1300
24 TBA	59	5.001	4.959	(0.637)	136090	373.665	28000
25 trans-1,2-Dichloroethene	96	5.182	5.178	(0.660)	109073	18.0591	1300
26 Acrylonitrile	53	5.164	5.159	(0.658)	19473	16.4706	1200
28 MTBE	73	5.173	5.159	(0.659)	250042	18.1148	1300
29 Hexane	56	5.461	5.467	(0.695)	35712	19.7031	1400
30 1,1-Dichloroethane	63	5.681	5.686	(0.723)	216249	18.1600	1300
31 Vinyl Acetate	43	5.717	5.705	(0.728)	295467	17.7986	1300
32 DIPE	45	5.717	5.696	(0.728)	462838	17.9926	1300
35 t-Butyl-ethyl-ether	59	6.157	6.138	(0.784)	369026	18.3839	1400
37 2,2-Dichloropropane	77	6.400	6.399	(0.815)	168523	18.9388	1400
36 cis-1,2-Dichloroethene	96	6.392	6.381	(0.814)	124914	19.2573	1400
38 2-Butanone	72	6.400	6.381	(0.815)	8205	22.7650	1700
39 Ethyl Acetate	70	6.427	6.427	(0.818)	22254	39.3579	2900
40 Bromochloromethane	128	6.702	6.694	(0.853)	79493	18.5072	1400
41 Tetrahydrofuran	42	6.765	6.749	(0.861)	25046	18.9072	1400
42 Chloroform	83	6.774	6.767	(0.863)	243308	17.8956	1300
43 1,1,1-Trichloroethane	97	7.029	7.037	(0.895)	189276	18.9326	1400
44 Cyclohexane	56	7.109	7.102	(0.905)	110314	19.8445	1500
45 Carbon Tetrachloride	117	7.247	7.257	(0.923)	171333	19.6051	1400
46 1,1-Dichloropropene	75	7.247	7.239	(0.923)	165648	19.4400	1400
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.448	7.450	(0.948)	289158	55.5582	4100
48 Benzene	78	7.521	7.523	(0.665)	318181	18.0928	1300
49 1,2-Dichloroethane	62	7.549	7.541	(0.961)	150631	19.7831	1400
50 t-Amyl-methyl-ether	73	7.618	7.605	(0.970)	303977	18.8989	1400
61 Isopropyl Acetate	43	7.540	7.523	(0.960)	602274	37.0414	2700
* 52 Fluorobenzene	96	7.853	7.857	(1.000)	717183	50.0000	
54 Trichloroethene	95	8.301	8.295	(1.057)	136630	19.3499	1400
56 Methyl cyclohexane	83	8.530	8.541	(1.086)	77466	20.6637	1500
55 Ethyl Acrylate	55	8.393	8.378	(1.069)	137657	19.4294	1400
57 1,2-Dichloropropane	63	8.592	8.596	(1.094)	144791	19.1756	1400
58 Dibromomethane	93	8.748	8.733	(1.114)	126302	19.0315	1400
59 Methyl Methacrylate	100	8.675	8.669	(1.105)	28740	19.5656	1400
68 Bromodichloromethane	83	8.904	8.905	(1.134)	246340	19.1273	1400
62 2-Chloroethyl Vinyl Ether	63	9.223	9.212	(1.174)	70114	19.4382	1400
63 Epichlorohydrin	57	9.323	9.312	(0.824)	188365	351.992	26000
67 cis-1,3-Dichloropropene	75	9.412	9.413	(0.832)	213740	19.0280	1400
70 4-Methyl-2-Pentanone	43	9.574	9.567	(0.846)	109214	18.1813	1300
\$ 65 Toluene-d8 (SUR)	98	9.725	9.719	(0.860)	633941	54.6839	4000
66 Toluene	91	9.799	9.793	(0.866)	308383	18.3439	1400
64 trans-1,3-Dichloropropene	75	10.027	10.022	(0.886)	169487	18.3256	1400
69 1,1,2-Trichloroethane	83	10.246	10.250	(0.906)	100239	18.5521	1400
71 Tetrachloroethene	166	10.411	10.404	(0.920)	110441	19.3631	1400
72 1,3-Dichloropropane	76	10.438	10.431	(0.923)	189313	18.4512	1400
73 2-Hexanone	43	10.502	10.477	(0.928)	62352	17.5501	1300
74 Dibromochloromethane	129	10.694	10.695	(0.945)	186901	18.5219	1400
76 Butyl Acetate	73	10.603	10.588	(0.937)	68631	38.4479	2800

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
77 1,2-Dibromoethane	107	10.840	10.832	(0.958)	162971	18.3684	1400
* 78 Chlorobenzene-d5	117	11.314	11.314	(1.000)	540823	50.0000	
79 Chlorobenzene	112	11.341	11.342	(1.002)	224143	18.5522	1400
80 1,1,1,2-Tetrachloroethane	131	11.423	11.415	(1.010)	133954	20.0771	1500
81 Ethylbenzene	106	11.431	11.425	(1.010)	87172	19.0919	1400
82 m+p-Xylene	106	11.541	11.543	(1.020)	234647	38.1709	2800
84 o-Xylene	106	11.972	11.966	(1.058)	115081	19.7403	1400
85 Styrene	104	11.981	11.975	(1.059)	208471	18.6953	1400
83 Butyl Acrylate	73	11.871	11.855	(1.049)	100417	19.0531	1400
86 Bromoform	173	12.209	12.211	(1.079)	113119	18.0275	1300
88 Isopropylbenzene	105	12.328	12.321	(1.090)	270219	19.6522	1400
\$ 89 Bromofluorobenzene (SUR)	174	12.510	12.505	(0.910)	273393	56.6625	4200
90 Camphene (total)	93	12.612	12.615	(1.115)	68613	17.6689	1300
91 Bromobenzene	156	12.685	12.688	(0.923)	108538	17.8243	1300
92 1,1,2,2-Tetrachloroethane	83	12.630	12.633	(0.919)	167926	17.4288	1300
93 1,2,3-Trichloropropane	110	12.703	12.697	(0.924)	40528	17.3189	1300
94 trans-1,4-Dichloro-2-butene	53	12.685	12.688	(0.923)	32006	18.8648	1400
95 n-Propylbenzene	91	12.740	12.734	(0.927)	316734	19.4324	1400
96 2-Chlorotoluene	91	12.868	12.853	(0.936)	190428	18.8618	1400
97 1,3,5-Trimethylbenzene	105	12.905	12.900	(0.939)	209419	18.7067	1400
98 4-Chlorotoluene	91	12.969	12.964	(0.943)	283057	19.6111	1400
99 Butyl Methacrylate	87	12.951	12.936	(0.942)	167509	18.3274	1400
100 tert-Butylbenzene	119	13.270	13.264	(0.965)	199003	19.5914	1400
101 1,2,4-Trimethylbenzene	105	13.316	13.309	(0.969)	219643	18.1505	1300
103 sec-Butylbenzene	105	13.500	13.491	(0.982)	272214	19.3483	1400
105 1,3-Dichlorobenzene	146	13.674	13.664	(0.995)	139318	19.0498	1400
107 p-Isopropyltoluene	119	13.637	13.638	(0.992)	208787	19.8471	1500
* 108 1,4-Dichlorobenzene-d4	152	13.747	13.736	(1.000)	233138	50.0000	
109 1,4-Dichlorobenzene	146	13.766	13.763	(1.001)	177979	19.5439	1400
110 Benzyl Chloride	91	13.911	13.909	(1.012)	166548	18.6595	1400
106 n-Butylbenzene	91	14.103	14.091	(1.026)	199211	20.3028	1500
111 1,2-Dichlorobenzene	146	14.214	14.209	(1.034)	150630	19.3540	1400
112 1,2-Dibromo-3-chloropropane	75	15.187	15.166	(1.105)	30297	20.7996	1500
114 1,2,4-Trichlorobenzene	180	16.361	16.350	(1.190)	80297	22.7698	1700
115 Hexachlorobutadiene	225	16.570	16.559	(1.205)	61976	19.5252	1400
116 Naphthalene	128	16.806	16.805	(1.222)	123955	19.8473	1500
117 1,2,3-Trichlorobenzene	180	17.233	17.216	(1.254)	64055	20.9392	1500
M 120 1,2-Dichloroethene (Total)	100				233987	37.3592	2800
M 121 Xylene (Total)	100				349728	57.9111	4300

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

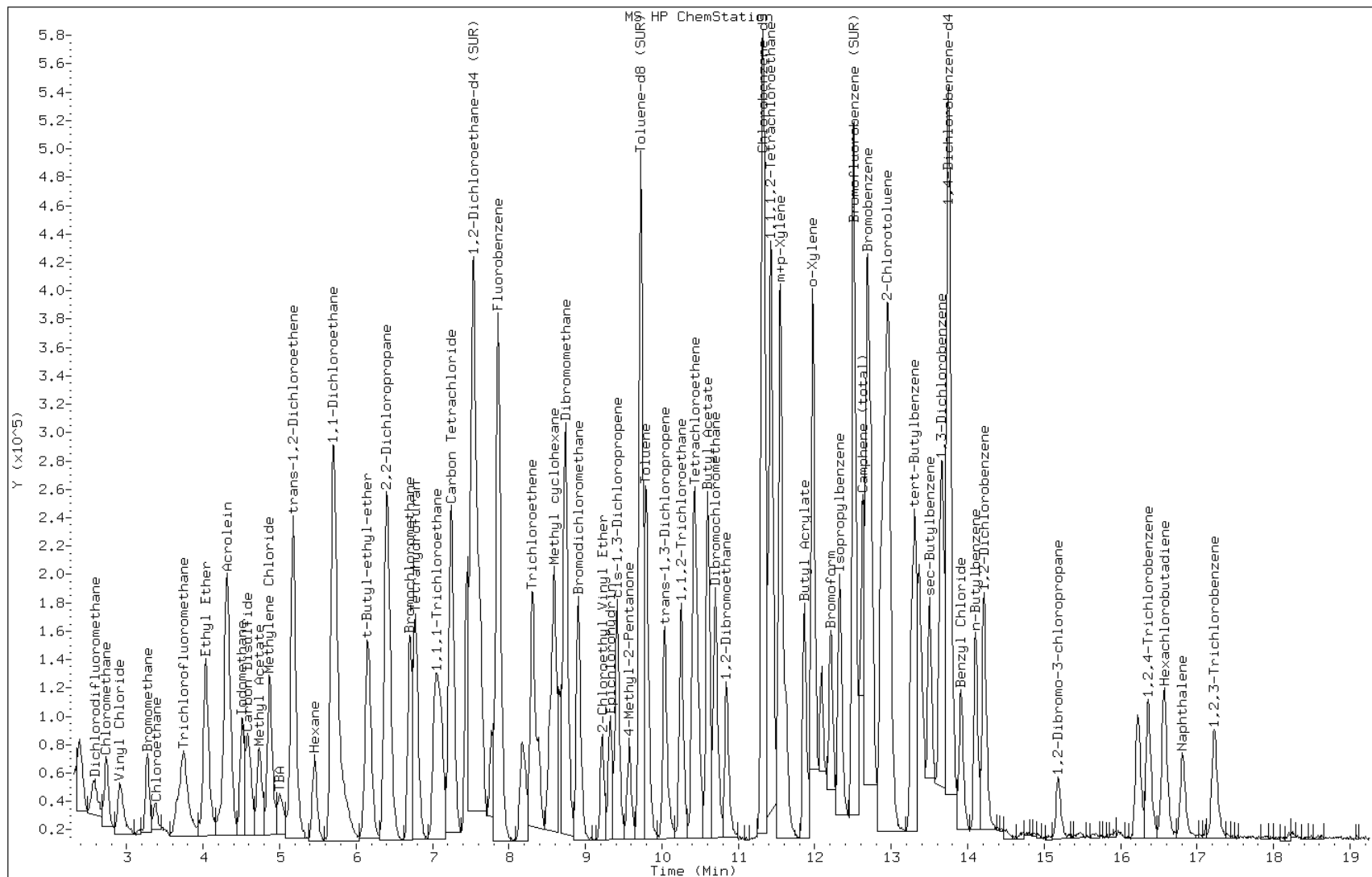
Data File: j04030.d

Date: 28-SEP-2011 03:04

Client ID:

Instrument: VOAMS8.i

Sample Info: 460-31552-B-5-AMSD;50;;16.95;25 Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 09/22/2011 01:35Analysis Batch Number: 87107 End Date: 09/22/2011 05:00

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-87107/1		09/22/2011 01:35	1	j03832.d	DB-624 0.53 (mm)
IC 460-87107/2		09/22/2011 02:30	1	j03834.d	DB-624 0.53 (mm)
IC 460-87107/3		09/22/2011 03:20	1	j03836.d	DB-624 0.53 (mm)
ICIS 460-87107/4		09/22/2011 03:45	1	j03837.d	DB-624 0.53 (mm)
IC 460-87107/5		09/22/2011 04:10	1	j03838.d	DB-624 0.53 (mm)
IC 460-87107/6		09/22/2011 04:35	1	j03839.d	DB-624 0.53 (mm)
IC 460-87107/7		09/22/2011 05:00	1	j03840.d	DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 09/27/2011 19:55Analysis Batch Number: 87487 End Date: 09/28/2011 03:54

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-87487/1		09/27/2011 19:55	1	j04015.d	DB-624 0.53 (mm)
CCVIS 460-87487/2		09/27/2011 20:43	1	j04017.d	DB-624 0.53 (mm)
LCS 460-87487/3		09/27/2011 21:09	50	j04018.d	DB-624 0.53 (mm)
MB 460-87487/4		09/27/2011 23:01	50	j04020.d	DB-624 0.53 (mm)
460-31552-5	SO-17338-092111-MM-04 3	09/28/2011 01:27	50	j04026.d	DB-624 0.53 (mm)
ZZZZZ		09/28/2011 01:51	50		DB-624 0.53 (mm)
ZZZZZ		09/28/2011 02:16	50		DB-624 0.53 (mm)
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/28/2011 02:40	50	j04029.d	DB-624 0.53 (mm)
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/28/2011 03:04	50	j04030.d	DB-624 0.53 (mm)
CCV 460-87487/10		09/28/2011 03:54	1	j04032.d	DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 10/05/2011 03:37Analysis Batch Number: 88346 End Date: 10/05/2011 12:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-88346/1		10/05/2011 03:37	1	j04279.d	DB-624 0.53 (mm)
CCVIS 460-88346/2		10/05/2011 04:07	1	j04280.d	DB-624 0.53 (mm)
LCS 460-88346/3		10/05/2011 04:32	50	j04281.d	DB-624 0.53 (mm)
MB 460-88346/4		10/05/2011 06:18	50	j04285.d	DB-624 0.53 (mm)
460-31552-4 MSD	SO-17338-092111-MM-04 2 MSD	10/05/2011 10:36	50	j04293.d	DB-624 0.53 (mm)
460-31552-4 MS	SO-17338-092111-MM-04 2 MS	10/05/2011 11:06	50	j04294.d	DB-624 0.53 (mm)
460-31552-4	SO-17338-092111-MM-04 2	10/05/2011 12:01	50	j04296.d	DB-624 0.53 (mm)
CCV 460-88346/8		10/05/2011 12:37	1	j04297.d	DB-624 0.53 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87336 Batch Start Date: 09/26/11 17:15 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: 09/26/11 17:23

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00030	
460-31552-C-4	SO-17338-092111-MM-042	5035, 8260B	T	33.24 g	47.36 g	14.12 g	5 mL	5 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87337 Batch Start Date: 09/26/11 17:27 Batch Analyst: Jin, FangzhouBatch Method: 5035 Batch End Date: 09/26/11 17:43

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VM8PrepSU 00030	
460-31552-B-5	SO-17338-092111-MM-043	5035, 8260B	T	46 g	62.95 g	16.95 g	25 mL	25 mL	

Batch Notes	

Basis	Basis Description
T	Total/NA

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS11.i

Analytical Batch: /chem/VOAMS11.i/8260_SIM/09-19-11/27sep11a.b

Date Generated: 09/28/2011

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/27/11 1817	n59162.d	2	BFB		0	0	1	all		Int (Supr)	G
09/27/11 1846	n59163.d	1	CCVIS		5	0	1	all		115747	G
09/27/11 1910	n59164.d	2	LCS		5	0	1	all		Sin upst	G
09/27/11 1935	n59165.d	3	LCSD		5	0	1	all		115841	G
09/27/11 1959	n59166.d	4	MB		5	0	1	all		115847	G
09/27/11 2024	n59167.d	5	MB		5	0	1	all		115850	G
09/27/11 2048	n59168.d	6	460-31393-B-20	TRIP BLANK	5	0	1	all		115850	G
09/27/11 2112	n59169.d	7	460-31393-B-13	013-POF110920	5	0	1	all		115858	G
09/27/11 2137	n59170.d	8	460-31393-B-14	014-POF110920	5	0	1	all		115858	G
09/27/11 2201	n59171.d	9	460-31393-B-15	015-POF110920	5	0	1	all		103147	G
09/27/11 2226	n59172.d	10	460-31393-B-16	016-POF110920	5	0	1	all		103147	G
09/27/11 2250	n59173.d	11	460-31393-B-17	017-POF110920	5	0	1	all		103147	G
09/27/11 2314	n59174.d	12	460-31393-B-18	018-POF110920	5	0	1	all		103147	G
09/27/11 2339	n59175.d	13	460-31393-B-19	019-POF110920	5	0	1	all		103147	G

87501

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS11.i

Analytical Batch: /chem/VOAMS11.i/8260_SIM/09-19-11/27sep11a.b

Date Generated: 09/28/2011

Page 2

87501

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD LOT	COMMENTS
09/28/11 0003	n59176.d	14	460-31299-I-1	OSM-1 Port # 1	5	0	1	all	42		G
09/28/11 0028	n59177.d	15	460-31299-I-2	OSM-1 Port # 2	5	0	1	all	42		G
09/28/11 0052	n59178.d	16	460-31299-I-3	OSM-1 Port # 3	5	0	1	all	42		G
09/28/11 0116	n59179.d	17	460-31299-I-4	OSM-1 Port # 4	5	0	1	all	42		G
09/28/11 0141	n59180.d	18	460-31299-H-5	OSM-1 Port # 5	5	0	1	all	42		G
09/28/11 0357	n59181.d	19	460-31299-A-6	TB 09/19/2011	5	0	1	all	42		G
09/28/11 0421	n59182.d	20	460-31356-I-1	OSM 2 Port #1	5	0	1	all	42		G
09/28/11 0446	n59183.d	21	460-31356-I-2	DUPE092011	5	0	1	all	42		G
09/28/11 0510	n59184.d	22	460-31356-I-3	OSM 2 Port #2	5	0	1	all	42		G
09/28/11 0535	n59185.d	23	460-31356-I-4	OSM 2 Port #3	5	0	1	all	42		G
09/28/11 0559	n59186.d	24	460-31356-I-5	OSM 2 Port #4	5	0	1	all	42		G
09/28/11 0623	n59187.d	25	460-31356-I-6	OSM 2 Port #5	5	0	1	all	42		G

MS PEAK outside clock

Signed: *Ken Beck* Read and Understood by: *Edie M*

Date: 9/28/11

Date: 9/28/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i

Analytical Batch: /chem/VOAMS3.i/8260_09/09-19-11/28sep11.b

Date Generated: 09/29/2011

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD LOT	COMMENTS
09/28/11 0723	c60573.d	2	BFB		0	0	1				
09/28/11 0806	c60574.d	1	CCVIS		5	0	1				
09/28/11 0835	c60575.d	2	CCVIS		5	0	1				
09/28/11 0901	c60576.d	3	LCS		5	0	1				
09/28/11 0928	c60577.d	4	MB		5	0	1				
09/28/11 0950	c60578.d	5	MB		5	0	1				
09/28/11 1022	c60579.d	6	460-31463-B-1	1733 -MM-521-1	5	0	1				
09/28/11 1045	c60580.d	7	460-31423-B-12		5	0	1				
09/28/11 1108	c60581.d	8	460-31423-A-23		5	0	1				
09/28/11 1131	c60582.d	9	460-31423-B-16		5	0	1				
09/28/11 1154	c60583.d	10	460-31423-A-13		5	0	5				
09/28/11 1217	c60584.d	11	460-31423-B-17		5	0	25				
09/28/11 1240	c60585.d	12	460-31423-B-24		5	0	5				
09/28/11 1303	c60586.d	13	460-31463-B-1MS		5	0	5				

87532

8260 HIGH
11730877 NG w/Par's Prep

SURR 250:

SAS 500:

MX 1500:

MX 2500:

11730877

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TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.1

Analytical Batch: /chem/VOAMS3.1/8260_09/09-19-11/28sep11.b

Date Generated: 09/29/2011
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Date	Data File	ALS	Sample ID	Client ID	IV	FV	Dil	Sublist	PH	STD LOT	COMMENTS
09/28/11 1326	c60587.d	14	460-31463-B-1MSD		5	0	5	all			
09/28/11 1349	c60588.d	15	BLANK		5	0	1	all			
09/28/11 1412	c60589.d	16	460-31222-B-9	MM-11	5	0	1	all			
09/28/11 1435	c60590.d	17	460-31463-B-3	1735 -MM-43I-1	5	0	1	all			
09/28/11 1458	c60591.d	18	460-31463-B-4	1736 -MM-43I-2	5	0	1	all			
09/28/11 1521	c60592.d	19	460-31463-B-5	1737 -MM-43DI-1	5	0	1	all			
09/28/11 1543	c60593.d	20	460-31463-B-6	1738 -MM-43DI-2	5	0	1	all			
09/28/11 1606	c60594.d	21	460-31463-B-7	1739 -MM-21S-1	5	0	1	all			
09/28/11 1629	c60595.d	22	460-31463-B-8	1740 -MM-21S-2	5	0	1	all			
09/28/11 1652	c60596.d	23	460-31463-B-9	1741 -MM-21D-1	5	0	1	all			
09/28/11 1715	c60597.d	24	460-31463-B-10	1742 -MM-21D-2	5	0	1	all			
09/28/11 1738	c60598.d	25	460-31463-B-11	1743 -MM-21I-1	5	0	1	all			
09/28/11 1801	c60599.d	26	460-31463-B-12	1744 -MM-21I-2	5	0	1	all			
09/28/11 1824	c60600.d	27	460-31463-B-13	1745 -MM-23S-1	5	0	1	all			

87532

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS3.i
Analytical Batch: /chem/VOAMS3.i/8260_09-19-11/28sep11.b

Date Generated: 09/29/2011
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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/28/11	1847	c60601.d	28	460-31463-B-14	1746 -MW-23S-2	5	0	1	all		
09/28/11	1910	c60602.d	29	BLANK		5	0	1	all		
									12		G
											NG

Signed: KB for Sarahy Dea Read and Understood by: Ken Borger

Date: 9/28/11

Date: 9/28/11

87477

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS4.i

Analytical Batch: /chem/VOAMS4.i/8260L_10/09-03-11/27sep11.b

Date Generated: 09/28/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
09/27/11	2019 d13067.d	14	460-31382-D-6-A		4.58	5	1	all			h
09/27/11	2042 d13068.d	15	460-31382-D-7-A		4.69	5	1	all			h
09/27/11	2106 d13069.d	16	460-31382-D-8-A		3.33	5	1	all			h
09/27/11	2131 d13070.d	17	460-31382-D-9-A		3.95	5	1	all			h
09/27/11	2155 d13071.d	18	460-31382-D-10-A		4.56	5	1	all			h
09/27/11	2219 d13072.d	19	BLANK		5	5	1	all			h
09/27/11	2243 d13073.d	20	460-31449-D-16-A		5	5	1	all			h NN clean up
09/27/11	2307 d13074.d	21	460-31449-D-1-A		5.23	5	1	all			h RR-15/10/11/11
09/27/11	2331 d13075.d	22	460-31449-D-2-A		5.73	5	1	all			h RR-15/11
09/27/11	2354 d13076.d	23	460-31449-D-4-A		5.29	5	1	all			h RR-15/11

Signed: *KB for Stuebel* Read and Understood by: *Ellie My*

Date: *9/28/11*

Date: *09/28/11*

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i
Analytical Batch: /chem/VOAMS8.i/8260_09/09-22-11DE/27sept1de.b

Date Generated: 09/28/2011
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Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Subst	PH	STD	COMMENTS
09/27/11	1955 j04015.d	2	BFB		0	0	1			8260 HIGH	G
09/27/11	2018 j04016.d	1	CCVIS		5	10	1			8260 IS: 1105.289 SURR 500:	N6
09/27/11	2043 j04017.d	2	CCVIS		5	10	1			SURR 250: GAS 500: 1105.289	G
09/27/11	2109 j04018.d	3	LCS		5	10	50			MIX 2 500: MIX 3 500: 1135.041	G
09/27/11	2237 j04019.d	4	MB		5	10	50			MIX 3: MIX 3: 1135.041	N6
09/27/11	2301 j04020.d	6	MB		5	10	50			AC/AC: 1135.041	G
09/28/11	0127 j04026.d	12	460-31552-B-5-A	SO-17338-092111-MM-	16.95	25	50			1135.041 GAS 500: 1171.898	G
09/28/11	0151 j04027.d	13	460-31553-C-4-A	SO-17338-092211-MM-	16.31	25	50			1135.041 MIX 3 SP: 1135.041	G
09/28/11	0216 j04028.d	14	460-31469-C-11-A	SO-17338-091911-MM-	15.45	25	50			1135.041 MIX 3 SP: 1135.041	G
09/28/11	0240 j04029.d	15	460-31552-B-5-AMS		16.95	25	50			1135.041 BFB: 1031.117	G
09/28/11	0304 j04030.d	16	460-31552-B-5-AMSD		16.95	25	50			1135.041 MBB: 5145	G
09/28/11	0329 j04031.d	17	CCV		5	10	1			5145	N6
09/28/11	0354 j04032.d	18	CCV		5	10	1			all	G

Signed: CS for Ed Martinez Read and Understood by: M. Brown

Date: 9/28/11 Date: 9/28/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i
Analytical Batch: /chem/VOAMS8.i/8260_09/09-22-11DE/05oct11de.b

Date Generated: 10/06/2011
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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD IOT	COMMENTS
10/05/11	0337j04279.d	2	BFB		0	0	1			all	
10/05/11	0407j04280.d	1	CCVIS		5	10	1			all	
10/05/11	0432j04281.d	2	LCS		5	10	50			all	
10/05/11	0457j04282.d	4	LCSD		5	10	50			all	
10/05/11	0525j04283.d	5	MB		5	10	50			all	
10/05/11	0550j04284.d	6	MB		5	10	50			all	
10/05/11	0618j04285.d	7	MB		5	10	50			all	
10/05/11	1006j04292.d	14	460-31552-C-4-AMS		14.12	25	50			all	
10/05/11	1036j04293.d	14	460-31552-C-4-AMSD		14.12	25	50			all	
10/05/11	1106j04294.d	15	460-31552-C-4-AMS		14.12	25	50			all	
10/05/11	1133j04295.d	16	BLANK		5	10	1			all	
10/05/11	1201j04296.d	17	460-31552-C-4-A	SO-17338-092111-MM-	14.12	25	50			all	
10/05/11	1237j04297.d	18	CCV		5	10	1			all	

50X → 1 mL → 50 mL FV.

Signed: H. Spayda Read and Understood by: Christopher Moore
Date: 10/05/11 Date: 10-6-11

Method 8270 DEL

Semivolatile Organics (GC/MS) by
Method 8270 (Delaware)

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
SO-17338-092111-MM-042	460-31552-4	63	65	76	84	52	91
SO-17338-092111-MM-043	460-31552-5	77	85	74	74	79	100
	MB 460-87412/1-A	79	84	80	78	53	89
	MB 460-88256/1-A	82	83	83	84	47	102
	LCS 460-87412/2-A	78	84	80	79	87	88
	LCS 460-88256/2-A	74	72	82	84	86	83
	460-31553-D-4-D MS	72	82	76	85	84	99
	460-31736-C-18-K MS	68	66	78	84	75	77
	460-31553-D-4-E MSD	69	78	74	80	75	95
	460-31736-C-18-L MSD	67	66	80	82	78	75

	<u>QC LIMITS</u>
2FP = 2-Fluorophenol (Surr)	37-125
PHL = Phenol-d5 (Surr)	41-118
NBZ = Nitrobenzene-d5 (Surr)	38-105
FBP = 2-Fluorobiphenyl	40-109
TBP = 2,4,6-Tribromophenol (Surr)	10-120
TPH = Terphenyl-d14 (Surr)	16-151

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10318.d
 Lab ID: LCS 460-87412/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	3330	3740	112	10-160	
Phenol	6370	5640	89	54-115	
Bis (2-chloroethyl) ether	3330	2790	84	44-101	
2-Chlorophenol	6410	5600	87	56-110	
2-Methylphenol	6420	5870	91	54-117	
2,2'-oxybis[1-chloropropane]	3330	2560	77	45-102	
Acetophenone	3340	2850	86	40-95	
4-Methylphenol	6420	5170	81	47-103	
N-Nitrosodi-n-propylamine	3330	2740	82	42-107	
Hexachloroethane	3330	2490	75	45-90	
Nitrobenzene	3330	2630	79	42-106	
Isophorone	3330	2760	83	48-97	
2-Nitrophenol	6440	5480	85	55-101	
2,4-Dimethylphenol	6410	5570	87	56-112	
Bis (2-chloroethoxy) methane	3330	2770	83	51-100	
2,4-Dichlorophenol	6450	5550	86	58-115	
Naphthalene	3330	2710	81	53-94	
4-Chloroaniline	3330	2000	60	10-96	
Hexachlorobutadiene	3330	2580	77	45-98	
Caprolactam	3340	3060	92	10-127	
4-Chloro-3-methylphenol	6440	5980	93	55-117	
2-Methylnaphthalene	3330	2820	85	51-98	
Hexachlorocyclopentadiene	3330	2380	71	24-98	
2,4,6-Trichlorophenol	6490	5550	85	53-118	
2,4,5-Trichlorophenol	6490	5510	85	50-115	
1,1'-Biphenyl	3340	2760	83	50-105	
2-Chloronaphthalene	3330	2710	81	51-102	
2-Nitroaniline	3330	2760	83	51-109	
Dimethyl phthalate	3330	2880	86	52-112	
2,6-Dinitrotoluene	3330	2930	88	51-115	
Acenaphthylene	3330	2660	80	51-103	
3-Nitroaniline	3330	2180	65	32-104	
Acenaphthene	3330	2820	85	46-100	
2,4-Dinitrophenol	6670	1810	27	10-129	
4-Nitrophenol	6670	5870	88	45-114	
Dibenzofuran	3330	2840	85	52-106	
2,4-Dinitrotoluene	3330	3080	92	53-110	
Diethyl phthalate	3330	2960	89	52-114	
Fluorene	3330	2940	88	51-108	
4-Chlorophenyl phenyl ether	3330	2930	88	50-106	
4-Nitroaniline	3330	2750	83	45-106	
4,6-Dinitro-2-methylphenol	6670	3090	46	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10318.d
 Lab ID: LCS 460-87412/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	2870	86	49-106	
4-Bromophenyl phenyl ether	3330	2790	84	44-102	
Hexachlorobenzene	3330	2870	86	43-104	
Atrazine	3330	2650	79	30-100	
Pentachlorophenol	6670	5650	85	19-113	
Phenanthrene	3330	2890	87	48-108	
Anthracene	3330	2800	84	50-107	
Carbazole	3330	3010	90	49-104	
Di-n-butyl phthalate	3330	3010	90	50-108	
Fluoranthene	3330	3090	93	49-108	
Pyrene	3330	2820	85	49-116	
Butyl benzyl phthalate	3330	2880	86	49-117	
3,3'-Dichlorobenzidine	3330	2240	67	24-105	
Benzo[a]anthracene	3330	2940	88	46-112	
Chrysene	3330	2840	85	45-114	
Bis(2-ethylhexyl) phthalate	3330	2950	88	49-119	
Di-n-octyl phthalate	3330	3190	96	40-106	
Benzo[b]fluoranthene	3330	3020	90	33-96	
Benzo[k]fluoranthene	3330	2950	88	35-115	
Benzo[a]pyrene	3330	2770	83	36-89	
Indeno[1,2,3-cd]pyrene	3330	2330	70	43-109	
Dibenz(a,h)anthracene	3330	2270	68	43-107	
Benzo[g,h,i]perylene	3330	2180	65	43-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20036.d
 Lab ID: LCS 460-88256/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Benzaldehyde	3330	1520	46	10-160	
Phenol	6370	5060	79	54-115	
Bis (2-chloroethyl) ether	3330	2700	81	44-101	
2-Chlorophenol	6410	5160	80	56-110	
2-Methylphenol	6420	5040	78	54-117	
2,2'-oxybis[1-chloropropane]	3330	2860	86	45-102	
Acetophenone	3340	2710	81	40-95	
4-Methylphenol	6420	4370	68	47-103	
N-Nitrosodi-n-propylamine	3330	2990	90	42-107	
Hexachloroethane	3330	2670	80	45-90	
Nitrobenzene	3330	2740	82	42-106	
Isophorone	3330	2770	83	48-97	
2-Nitrophenol	6440	5520	86	55-101	
2,4-Dimethylphenol	6410	5050	79	56-112	
Bis (2-chloroethoxy) methane	3330	2700	81	51-100	
2,4-Dichlorophenol	6450	4920	76	58-115	
Naphthalene	3330	2810	84	53-94	
4-Chloroaniline	3330	1860	56	10-96	
Hexachlorobutadiene	3330	2770	83	45-98	
Caprolactam	3340	2750	82	10-127	
4-Chloro-3-methylphenol	6440	5510	86	55-117	
2-Methylnaphthalene	3330	2780	84	51-98	
Hexachlorocyclopentadiene	3330	2330	70	24-98	
2,4,6-Trichlorophenol	6490	5480	84	53-118	
2,4,5-Trichlorophenol	6490	5580	86	50-115	
1,1'-Biphenyl	3340	2920	88	50-105	
2-Chloronaphthalene	3330	2820	85	51-102	
2-Nitroaniline	3330	2930	88	51-109	
Dimethyl phthalate	3330	3050	92	52-112	
2,6-Dinitrotoluene	3330	2990	90	51-115	
Acenaphthylene	3330	2890	87	51-103	
3-Nitroaniline	3330	2370	71	32-104	
Acenaphthene	3330	2980	89	46-100	
2,4-Dinitrophenol	6670	651 J	10	10-129	
4-Nitrophenol	6670	6450	97	45-114	
Dibenzofuran	3330	3030	91	52-106	
2,4-Dinitrotoluene	3330	3110	93	53-110	
Diethyl phthalate	3330	3060	92	52-114	
Fluorene	3330	3090	93	51-108	
4-Chlorophenyl phenyl ether	3330	3060	92	50-106	
4-Nitroaniline	3330	2990	90	45-106	
4,6-Dinitro-2-methylphenol	6670	1590	24	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20036.d
 Lab ID: LCS 460-88256/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3330	3130	94	49-106	
4-Bromophenyl phenyl ether	3330	2980	89	44-102	
Hexachlorobenzene	3330	3100	93	43-104	
Atrazine	3330	2660	80	30-100	
Pentachlorophenol	6670	4650	70	19-113	
Phenanthrene	3330	3180	95	48-108	
Anthracene	3330	3080	92	50-107	
Carbazole	3330	3060	92	49-104	
Di-n-butyl phthalate	3330	3100	93	50-108	
Fluoranthene	3330	3100	93	49-108	
Pyrene	3330	2860	86	49-116	
Butyl benzyl phthalate	3330	2850	85	49-117	
3,3'-Dichlorobenzidine	3330	2700	81	24-105	
Benzo[a]anthracene	3330	3040	91	46-112	
Chrysene	3330	3160	95	45-114	
Bis(2-ethylhexyl) phthalate	3330	2980	89	49-119	
Di-n-octyl phthalate	3330	2860	86	40-106	
Benzo[b]fluoranthene	3330	2840	85	33-96	
Benzo[k]fluoranthene	3330	3230	97	35-115	
Benzo[a]pyrene	3330	2900	87	36-89	
Indeno[1,2,3-cd]pyrene	3330	3130	94	43-109	
Dibenz(a,h)anthracene	3330	3130	94	43-107	
Benzo[g,h,i]perylene	3330	3180	95	43-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10322.d
Lab ID: 460-31553-D-4-D MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzaldehyde	3980	390 U	4270	107	10-160	
Phenol	7610	390 U	6650	87	54-115	
Bis (2-chloroethyl) ether	3980	39 U	3080	77	44-101	
2-Chlorophenol	7650	390 U	6390	84	56-110	
2-Methylphenol	7670	390 U	7130	93	54-117	
2,2'-oxybis[1-chloropropane]	3980	390 U	2830	71	45-102	
Acetophenone	3980	390 U	3380	85	40-95	
4-Methylphenol	7670	390 U	6350	83	47-103	
N-Nitrosodi-n-propylamine	3980	39 U	3490	88	42-107	
Hexachloroethane	3980	39 U	2770	70	45-90	
Nitrobenzene	3980	39 U	3020	76	42-106	
Isophorone	3980	390 U	3530	89	48-97	
2-Nitrophenol	7690	390 U	6510	85	55-101	
2,4-Dimethylphenol	7650	390 U	7060	92	56-112	
Bis (2-chloroethoxy) methane	3980	390 U	3370	85	51-100	
2,4-Dichlorophenol	7700	390 U	6880	89	58-115	
Naphthalene	3980	390 U	3190	80	53-94	
4-Chloroaniline	3980	390 U	2520	63	10-96	
Hexachlorobutadiene	3980	80 U	3050	77	45-98	
Caprolactam	3980	390 U	4270	107	10-127	
4-Chloro-3-methylphenol	7690	390 U	7830	102	55-117	
2-Methylnaphthalene	3980	390 U	3500	88	51-98	
Hexachlorocyclopentadiene	3980	390 U	2190	55	24-98	
2,4,6-Trichlorophenol	7750	390 U	6820	88	53-118	
2,4,5-Trichlorophenol	7750	390 U	6870	89	50-115	
1,1'-Biphenyl	3980	390 U	3550	89	50-105	
2-Chloronaphthalene	3980	390 U	3480	87	51-102	
2-Nitroaniline	3980	800 U	3020	76	51-109	
Dimethyl phthalate	3980	390 U	4030	101	52-112	
2,6-Dinitrotoluene	3980	80 U	4080	102	51-115	
Acenaphthylene	3980	390 U	3430	86	51-103	
3-Nitroaniline	3980	800 U	3240	81	32-104	
Acenaphthene	3980	390 U	3680	93	46-100	
2,4-Dinitrophenol	7960	1200 U	2380	30	10-129	
4-Nitrophenol	7960	1200 U	7580	95	45-114	
Dibenzofuran	3980	390 U	3760	95	52-106	
2,4-Dinitrotoluene	3980	80 U	4320	108	53-110	
Diethyl phthalate	3980	390 U	4150	104	52-114	
Fluorene	3980	390 U	3950	99	51-108	
4-Chlorophenyl phenyl ether	3980	390 U	3930	99	50-106	
4-Nitroaniline	3980	800 U	3620	91	45-106	
4,6-Dinitro-2-methylphenol	7960	1200 U	4480	56	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10322.d
 Lab ID: 460-31553-D-4-D MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3980	390 U	3820	96	49-106	
4-Bromophenyl phenyl ether	3980	390 U	3760	95	44-102	
Hexachlorobenzene	3980	39 U	3780	95	43-104	
Atrazine	3980	390 U	3630	91	30-100	
Pentachlorophenol	7960	1200 U	3120	39	19-113	
Phenanthrene	3980	390 U	3870	97	48-108	
Anthracene	3980	390 U	3710	93	50-107	
Carbazole	3980	390 U	3960	100	49-104	
Di-n-butyl phthalate	3980	390 U	4050	102	50-108	
Fluoranthene	3980	390 U	3950	99	49-108	
Pyrene	3980	390 U	3810	96	49-116	
Butyl benzyl phthalate	3980	390 U	3990	100	49-117	
3,3'-Dichlorobenzidine	3980	800 U	3140	79	24-105	
Benzo[a]anthracene	3980	39 U	3850	97	46-112	
Chrysene	3980	390 U	3720	93	45-114	
Bis(2-ethylhexyl) phthalate	3980	390 U	3870	97	49-119	
Di-n-octyl phthalate	3980	390 U	4200	106	40-106	
Benzo[b]fluoranthene	3980	39 U	3930	99	33-96	F
Benzo[k]fluoranthene	3980	39 U	3800	95	35-115	
Benzo[a]pyrene	3980	39 U	3600	91	36-89	F
Indeno[1,2,3-cd]pyrene	3980	39 U	3320	83	43-109	
Dibenz(a,h)anthracene	3980	39 U	3330	84	43-107	
Benzo[g,h,i]perylene	3980	390 U	3230	81	43-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: p20039.d
Lab ID: 460-31736-C-18-K MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Benzaldehyde	3750	370 U	1950	52	10-160	
Phenol	7180	370 U	5390	75	54-115	
Bis (2-chloroethyl) ether	3750	37 U	2860	76	44-101	
2-Chlorophenol	7220	370 U	5380	75	56-110	
2-Methylphenol	7230	370 U	5340	74	54-117	
2,2'-oxybis[1-chloropropane]	3750	370 U	3010	80	45-102	
Acetophenone	3760	370 U	2860	76	40-95	
4-Methylphenol	7230	370 U	4510	62	47-103	
N-Nitrosodi-n-propylamine	3750	37 U	3150	84	42-107	
Hexachloroethane	3750	37 U	2900	77	45-90	
Nitrobenzene	3750	37 U	3020	80	42-106	
Isophorone	3750	370 U	3000	80	48-97	
2-Nitrophenol	7250	370 U	5670	78	55-101	
2,4-Dimethylphenol	7220	370 U	5210	72	56-112	
Bis (2-chloroethoxy) methane	3750	370 U	2950	79	51-100	
2,4-Dichlorophenol	7270	370 U	5170	71	58-115	
Naphthalene	3750	370 U	3110	83	53-94	
4-Chloroaniline	3750	370 U	1700	45	10-96	
Hexachlorobutadiene	3750	75 U	3030	81	45-98	
Caprolactam	3760	370 U	2850	76	10-127	
4-Chloro-3-methylphenol	7260	370 U	5490	76	55-117	
2-Methylnaphthalene	3750	370 U	2950	79	51-98	
Hexachlorocyclopentadiene	3750	370 U	1980	53	24-98	
2,4,6-Trichlorophenol	7310	370 U	5770	79	53-118	
2,4,5-Trichlorophenol	7310	370 U	5660	77	50-115	
1,1'-Biphenyl	3760	370 U	3280	87	50-105	
2-Chloronaphthalene	3750	370 U	3190	85	51-102	
2-Nitroaniline	3750	750 U	3110	83	51-109	
Dimethyl phthalate	3750	370 U	3210	85	52-112	
2,6-Dinitrotoluene	3750	75 U	3090	82	51-115	
Acenaphthylene	3750	370 U	3180	85	51-103	
3-Nitroaniline	3750	750 U	2370	63	32-104	
Acenaphthene	3750	370 U	3190	85	46-100	
2,4-Dinitrophenol	7510	1100 U	956 U	13	10-129	
4-Nitrophenol	7510	1100 U	6390	85	45-114	
Dibenzofuran	3750	370 U	3250	86	52-106	
2,4-Dinitrotoluene	3750	75 U	3280	87	53-110	
Diethyl phthalate	3750	370 U	3180	85	52-114	
Fluorene	3750	370 U	3210	86	51-108	
4-Chlorophenyl phenyl ether	3750	370 U	3150	84	50-106	
4-Nitroaniline	3750	750 U	2950	79	45-106	
4,6-Dinitro-2-methylphenol	7510	1100 U	2690	36	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20039.d
 Lab ID: 460-31736-C-18-K MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
N-Nitrosodiphenylamine	3750	370 U	3440	92	49-106	
4-Bromophenyl phenyl ether	3750	370 U	3180	85	44-102	
Hexachlorobenzene	3750	37 U	3260	87	43-104	
Atrazine	3750	370 U	2960	79	30-100	
Pentachlorophenol	7510	1100 U	4980	66	19-113	
Phenanthrene	3750	370 U	3460	92	48-108	
Anthracene	3750	370 U	3330	89	50-107	
Carbazole	3750	370 U	3350	89	49-104	
Di-n-butyl phthalate	3750	370 U	3380	90	50-108	
Fluoranthene	3750	370 U	3320	88	49-108	
Pyrene	3750	370 U	2980	79	49-116	
Butyl benzyl phthalate	3750	370 U	3150	84	49-117	
3,3'-Dichlorobenzidine	3750	750 U	2940	78	24-105	
Benzo[a]anthracene	3750	37 U	3260	87	46-112	
Chrysene	3750	370 U	3460	92	45-114	
Bis(2-ethylhexyl) phthalate	3750	370 U	3280	87	49-119	
Di-n-octyl phthalate	3750	370 U	2950	79	40-106	
Benzo[b]fluoranthene	3750	37 U	3000	80	33-96	
Benzo[k]fluoranthene	3750	37 U	3390	90	35-115	
Benzo[a]pyrene	3750	37 U	3100	83	36-89	
Indeno[1,2,3-cd]pyrene	3750	37 U	3470	93	43-109	
Dibenz(a,h)anthracene	3750	37 U	3440	92	43-107	
Benzo[g,h,i]perylene	3750	370 U	3560	95	43-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: z10323.d
Lab ID: 460-31553-D-4-E MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Benzaldehyde	3980	4080	103	5	30	10-160	
Phenol	7610	6360	84	4	30	54-115	
Bis (2-chloroethyl) ether	3980	2970	75	4	30	44-101	
2-Chlorophenol	7650	6040	79	6	30	56-110	
2-Methylphenol	7670	6750	88	5	30	54-117	
2,2'-oxybis[1-chloropropane]	3980	2700	68	4	30	45-102	
Acetophenone	3980	3220	81	5	30	40-95	
4-Methylphenol	7670	6020	78	5	30	47-103	
N-Nitrosodi-n-propylamine	3980	3340	84	4	30	42-107	
Hexachloroethane	3980	2640	66	4	30	45-90	
Nitrobenzene	3980	2880	72	5	30	42-106	
Isophorone	3980	3380	85	4	30	48-97	
2-Nitrophenol	7690	6240	81	4	30	55-101	
2,4-Dimethylphenol	7660	6720	88	5	30	56-112	
Bis (2-chloroethoxy) methane	3980	3250	82	4	30	51-100	
2,4-Dichlorophenol	7710	6550	85	5	30	58-115	
Naphthalene	3980	3060	77	4	30	53-94	
4-Chloroaniline	3980	2420	61	4	30	10-96	
Hexachlorobutadiene	3980	2910	73	5	30	45-98	
Caprolactam	3980	3960	99	8	30	10-127	
4-Chloro-3-methylphenol	7700	7470	97	5	30	55-117	
2-Methylnaphthalene	3980	3330	84	5	30	51-98	
Hexachlorocyclopentadiene	3980	2050	52	6	30	24-98	
2,4,6-Trichlorophenol	7750	6380	82	7	30	53-118	
2,4,5-Trichlorophenol	7750	6440	83	6	30	50-115	
1,1'-Biphenyl	3980	3360	84	6	30	50-105	
2-Chloronaphthalene	3980	3280	82	6	30	51-102	
2-Nitroaniline	3980	3510	88	15	30	51-109	
Dimethyl phthalate	3980	3810	96	6	30	52-112	
2,6-Dinitrotoluene	3980	3860	97	6	30	51-115	
Acenaphthylene	3980	3240	81	6	30	51-103	
3-Nitroaniline	3980	3100	78	4	30	32-104	
Acenaphthene	3980	3480	87	6	30	46-100	
2,4-Dinitrophenol	7960	1920	24	21	30	10-129	
4-Nitrophenol	7960	6920	87	9	30	45-114	
Dibenzofuran	3980	3560	89	6	30	52-106	
2,4-Dinitrotoluene	3980	4070	102	6	30	53-110	
Diethyl phthalate	3980	3940	99	5	30	52-114	
Fluorene	3980	3730	94	6	30	51-108	
4-Chlorophenyl phenyl ether	3980	3710	93	6	30	50-106	
4-Nitroaniline	3980	3180	80	13	30	45-106	
4,6-Dinitro-2-methylphenol	7970	3790	48	17	30	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: z10323.d
 Lab ID: 460-31553-D-4-E MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	3980	3720	94	3	30	49-106	
4-Bromophenyl phenyl ether	3980	3630	91	4	30	44-102	
Hexachlorobenzene	3980	3610	91	5	30	43-104	
Atrazine	3980	3500	88	4	30	30-100	
Pentachlorophenol	7970	2630	33	17	30	19-113	
Phenanthrene	3980	3640	91	6	30	48-108	
Anthracene	3980	3510	88	6	30	50-107	
Carbazole	3980	3760	94	5	30	49-104	
Di-n-butyl phthalate	3980	3880	97	4	30	50-108	
Fluoranthene	3980	3720	93	6	30	49-108	
Pyrene	3980	3680	92	3	30	49-116	
Butyl benzyl phthalate	3980	3810	96	5	30	49-117	
3,3'-Dichlorobenzidine	3980	3030	76	4	30	24-105	
Benzo[a]anthracene	3980	3660	92	5	30	46-112	
Chrysene	3980	3490	88	6	30	45-114	
Bis(2-ethylhexyl) phthalate	3980	3740	94	3	30	49-119	
Di-n-octyl phthalate	3980	3720	94	12	30	40-106	
Benzo[b]fluoranthene	3980	3660	92	7	30	33-96	
Benzo[k]fluoranthene	3980	3540	89	7	30	35-115	
Benzo[a]pyrene	3980	3450	87	4	30	36-89	
Indeno[1,2,3-cd]pyrene	3980	3250	82	2	30	43-109	
Dibenz(a,h)anthracene	3980	3290	83	1	30	43-107	
Benzo[g,h,i]perylene	3980	3210	81	1	30	43-106	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: p20040.d
Lab ID: 460-31736-C-18-L MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Benzaldehyde	3760	2020	54	3	30	10-160	
Phenol	7180	5200	72	4	30	54-115	
Bis (2-chloroethyl) ether	3760	2780	74	3	30	44-101	
2-Chlorophenol	7220	5240	73	3	30	56-110	
2-Methylphenol	7240	5130	71	4	30	54-117	
2,2'-oxybis[1-chloropropane]	3760	2930	78	2	30	45-102	
Acetophenone	3760	2870	76	0	30	40-95	
4-Methylphenol	7240	4420	61	2	30	47-103	
N-Nitrosodi-n-propylamine	3760	3100	83	1	30	42-107	
Hexachloroethane	3760	2780	74	4	30	45-90	
Nitrobenzene	3760	2930	78	3	30	42-106	
Isophorone	3760	2960	79	1	30	48-97	
2-Nitrophenol	7260	5560	77	2	30	55-101	
2,4-Dimethylphenol	7220	5150	71	1	30	56-112	
Bis (2-chloroethoxy) methane	3760	2870	76	3	30	51-100	
2,4-Dichlorophenol	7270	5110	70	1	30	58-115	
Naphthalene	3760	3040	81	2	30	53-94	
4-Chloroaniline	3760	1680	45	1	30	10-96	
Hexachlorobutadiene	3760	2970	79	2	30	45-98	
Caprolactam	3760	2960	79	4	30	10-127	
4-Chloro-3-methylphenol	7260	5520	76	0	30	55-117	
2-Methylnaphthalene	3760	2870	76	3	30	51-98	
Hexachlorocyclopentadiene	3760	2080	55	5	30	24-98	
2,4,6-Trichlorophenol	7310	5670	78	2	30	53-118	
2,4,5-Trichlorophenol	7310	5650	77	0	30	50-115	
1,1'-Biphenyl	3760	3190	85	3	30	50-105	
2-Chloronaphthalene	3760	3020	80	6	30	51-102	
2-Nitroaniline	3760	3150	84	1	30	51-109	
Dimethyl phthalate	3760	3270	87	2	30	52-112	
2,6-Dinitrotoluene	3760	3230	86	4	30	51-115	
Acenaphthylene	3760	3060	81	4	30	51-103	
3-Nitroaniline	3760	2400	64	1	30	32-104	
Acenaphthene	3760	3150	84	1	30	46-100	
2,4-Dinitrophenol	7510	950 J	13	1	30	10-129	
4-Nitrophenol	7510	6430	86	1	30	45-114	
Dibenzofuran	3760	3200	85	1	30	52-106	
2,4-Dinitrotoluene	3760	3370	90	3	30	53-110	
Diethyl phthalate	3760	3270	87	3	30	52-114	
Fluorene	3760	3250	87	1	30	51-108	
4-Chlorophenyl phenyl ether	3760	3160	84	0	30	50-106	
4-Nitroaniline	3760	2960	79	0	30	45-106	
4,6-Dinitro-2-methylphenol	7520	2520	34	7	30	10-110	

Column to be used to flag recovery and RPD values

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: p20040.d
 Lab ID: 460-31736-C-18-L MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodiphenylamine	3760	3340	89	3	30	49-106	
4-Bromophenyl phenyl ether	3760	3070	82	4	30	44-102	
Hexachlorobenzene	3760	3260	87	0	30	43-104	
Atrazine	3760	2920	78	1	30	30-100	
Pentachlorophenol	7520	4420	59	12	30	19-113	
Phenanthrene	3760	3320	88	4	30	48-108	
Anthracene	3760	3210	85	4	30	50-107	
Carbazole	3760	3260	87	3	30	49-104	
Di-n-butyl phthalate	3760	3250	87	4	30	50-108	
Fluoranthene	3760	3170	84	5	30	49-108	
Pyrene	3760	2880	77	3	30	49-116	
Butyl benzyl phthalate	3760	3020	80	4	30	49-117	
3,3'-Dichlorobenzidine	3760	2770	74	6	30	24-105	
Benzo[a]anthracene	3760	3180	85	3	30	46-112	
Chrysene	3760	3320	88	4	30	45-114	
Bis(2-ethylhexyl) phthalate	3760	3230	86	1	30	49-119	
Di-n-octyl phthalate	3760	2870	77	3	30	40-106	
Benzo[b]fluoranthene	3760	2810	75	6	30	33-96	
Benzo[k]fluoranthene	3760	3120	83	8	30	35-115	
Benzo[a]pyrene	3760	2910	77	7	30	36-89	
Indeno[1,2,3-cd]pyrene	3760	2990	80	15	30	43-109	
Dibenz(a,h)anthracene	3760	3180	85	8	30	43-107	
Benzo[g,h,i]perylene	3760	3250	86	9	30	43-106	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: z10319.d Lab Sample ID: MB 460-87412/1-A
Matrix: Solid Date Extracted: 09/27/2011 12:00
Instrument ID: BNAMS11 Date Analyzed: 09/28/2011 17:48
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-87412/2-A	z10318.d	09/28/2011 16:24
SO-17338-092111-MM-043	460-31552-5	z10320.d	09/28/2011 18:13
	460-31553-D-4-D MS	z10322.d	09/28/2011 19:03
	460-31553-D-4-E MSD	z10323.d	09/28/2011 19:28

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: p20037.d Lab Sample ID: MB 460-88256/1-A
Matrix: Solid Date Extracted: 10/04/2011 21:50
Instrument ID: BNAMS10 Date Analyzed: 10/08/2011 04:37
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-88256/2-A	p20036.d	10/08/2011 04:12
	460-31736-C-18-K MS	p20039.d	10/08/2011 05:31
	460-31736-C-18-L MSD	p20040.d	10/08/2011 05:56
SO-17338-092111-MM-042	460-31552-4	p20043.d	10/08/2011 07:13

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: p19647.d DFTPP Injection Date: 09/27/2011
Instrument ID: BNAMS10 DFTPP Injection Time: 23:44
Analysis Batch No.: 87772

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	33.8
68	Less than 2.0 % of mass 69	0.4 (0.9) 1
69	Mass 69 relative abundance	42.0
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	48.2
197	Less than 1.0 % of mass 198	0.3
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.6
275	10.0 - 30.0 % of mass 198	27.7
365	Greater than 1.0 % of mass 198	4.0
441	Present but less than mass 443	8.1
442	Greater than 40.0 % of mass 198	56.9
443	17.0 - 23.0 % of mass 442	11.2 (19.7) 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 460-87772/2	p19649.d	09/28/2011	00:31
	IC 460-87772/3	p19650.d	09/28/2011	01:46
	IC 460-87772/4	p19651.d	09/28/2011	02:12
	IC 460-87772/5	p19652.d	09/28/2011	02:38
	IC 460-87772/6	p19653.d	09/28/2011	03:04

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: p20032.d DFTPP Injection Date: 10/08/2011
Instrument ID: BNAMS10 DFTPP Injection Time: 02:26
Analysis Batch No.: 88920

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	39.8
68	Less than 2.0 % of mass 69	0.5 (0.9) 1
69	Mass 69 relative abundance	50.1
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	52.8
197	Less than 1.0 % of mass 198	0.5
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	7.0
275	10.0 - 30.0 % of mass 198	27.0
365	Greater than 1.0 % of mass 198	4.0
441	Present but less than mass 443	7.4
442	Greater than 40.0 % of mass 198	55.6
443	17.0 - 23.0 % of mass 442	9.9 (17.7) 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
	CCVIS 460-88920/2	p20033.d	10/08/2011	02:46
	LCS 460-88256/2-A	p20036.d	10/08/2011	04:12
	MB 460-88256/1-A	p20037.d	10/08/2011	04:37
	460-31736-C-18-K MS	p20039.d	10/08/2011	05:31
	460-31736-C-18-L MSD	p20040.d	10/08/2011	05:56
SO-17338-092111-MM-042	460-31552-4	p20043.d	10/08/2011	07:13
	CCV 460-88921/1	p20051.d	10/08/2011	10:39

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: z10237.d DFTPP Injection Date: 09/26/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 10:44
Analysis Batch No.: 87600

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	42.7
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	43.1
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	51.4
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	29.9
365	Greater than 1.0 % of mass 198	5.0
441	Present but less than mass 443	15.1
442	Greater than 40.0 % of mass 198	99.6
443	17.0 - 23.0 % of mass 442	19.3 (19.4) 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 460-87600/2	z10238.d	09/26/2011	10:59
	IC 460-87600/3	z10239.d	09/26/2011	11:35
	IC 460-87600/4	z10240.d	09/26/2011	12:00
	IC 460-87600/5	z10241.d	09/26/2011	12:25
	IC 460-87600/6	z10242.d	09/26/2011	12:50

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab File ID: z10316.d DFTPP Injection Date: 09/28/2011
Instrument ID: BNAMS11 DFTPP Injection Time: 14:49
Analysis Batch No.: 87782

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	41.7
68	Less than 2.0 % of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	43.2
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	51.8
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	28.8
365	Greater than 1.0 % of mass 198	5.3
441	Present but less than mass 443	14.3
442	Greater than 40.0 % of mass 198	94.8
443	17.0 - 23.0 % of mass 442	17.9 (18.8) 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
	CCVIS 460-87782/2	z10317.d	09/28/2011	15:03
	LCS 460-87412/2-A	z10318.d	09/28/2011	16:24
	MB 460-87412/1-A	z10319.d	09/28/2011	17:48
SO-17338-092111-MM-043	460-31552-5	z10320.d	09/28/2011	18:13
	460-31553-D-4-D MS	z10322.d	09/28/2011	19:03
	460-31553-D-4-E MSD	z10323.d	09/28/2011	19:28
	CCV 460-87783/1	z10324.d	09/28/2011	19:53

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVIS 460-88920/2 Date Analyzed: 10/08/2011 02:46
 Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): p20033.d Heated Purge: (Y/N) N
 Calibration ID: 12483

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		817233	3.79	2398389	5.19	1217313	6.99
UPPER LIMIT		1634466	4.29	4796778	5.69	2434626	7.49
LOWER LIMIT		408617	3.29	1199195	4.69	608657	6.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-88256/2-A		596385	3.78	1783865	5.19	893884	6.99
MB 460-88256/1-A		663649	3.78	2221813	5.18	1234238	6.99
460-31736-C-18-K MS		550374	3.78	1606839	5.19	741856	6.99
460-31736-C-18-L MSD		577809	3.78	1665436	5.18	792740	6.99
460-31552-4	SO-17338-092111-MM-04 2	609103	3.78	1757698	5.18	856182	6.99

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

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

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

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVIS 460-88920/2 Date Analyzed: 10/08/2011 02:46
 Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): p20033.d Heated Purge: (Y/N) N
 Calibration ID: 12483

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		1451778	8.44	931204	11.04	681911	12.70
UPPER LIMIT		2903556	8.94	1862408	11.54	1363822	13.20
LOWER LIMIT		725889	7.94	465602	10.54	340956	12.20
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-88256/2-A		1079016	8.44	755460	11.04	625824	12.70
MB 460-88256/1-A		1461492	8.44	758171	11.04	616255	12.70
460-31736-C-18-K MS		845865	8.44	610687	11.04	547525	12.70
460-31736-C-18-L MSD		932061	8.44	658794	11.04	593777	12.70
460-31552-4	SO-17338-092111-MM-04 2	1025854	8.44	651278	11.04	572294	12.70

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

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

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

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVIS 460-87782/2 Date Analyzed: 09/28/2011 15:03
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10317.d Heated Purge: (Y/N) N
 Calibration ID: 12425

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		342244	3.71	1123968	5.01	485479	6.76
UPPER LIMIT		684488	4.21	2247936	5.51	970958	7.26
LOWER LIMIT		171122	3.21	561984	4.51	242740	6.26
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-87412/2-A		385302	3.71	1400117	5.01	663038	6.76
MB 460-87412/1-A		349806	3.71	1312003	5.00	646511	6.76
460-31552-5	SO-17338-092111-MM-04 3	354351	3.71	1317134	5.00	654433	6.75
460-31553-D-4-D MS		287738	3.71	1034385	5.01	490775	6.76
460-31553-D-4-E MSD		296961	3.71	1056630	5.01	503166	6.75

DCB = 1,4-Dichlorobenzene-d4

NPT = Naphthalene-d8

ANT = Acenaphthene-d10

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

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

Column used to flag values outside QC limits

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVIS 460-87782/2 Date Analyzed: 09/28/2011 15:03
 Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): z10317.d Heated Purge: (Y/N) N
 Calibration ID: 12425

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	612885	8.20	373660	10.83	326233	12.56
UPPER LIMIT	1225770	8.70	747320	11.33	652466	13.06
LOWER LIMIT	306443	7.70	186830	10.33	163117	12.06
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 460-87412/2-A		898290	8.20	605724	10.83	454601 12.56
MB 460-87412/1-A		926410	8.20	655026	10.83	549283 12.57
460-31552-5	SO-17338-092111-MM-04 3	906627	8.20	590160	10.82	476630 12.56
460-31553-D-4-D MS		669293	8.20	422208	10.83	328022 12.56
460-31553-D-4-E MSD		669138	8.20	409760	10.83	327232 12.56

PHN = Phenanthrene-d10

CRY = Chrysene-d12

PRY = Perylene-d12

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

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

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-092111-MM-042</u>	Lab Sample ID: <u>460-31552-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20043.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/21/2011 11:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/04/2011 21:50</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/08/2011 07:13</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>12.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88920</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	380	U	380	24
108-95-2	Phenol	380	U	380	46
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
95-57-8	2-Chlorophenol	380	U	380	50
95-48-7	2-Methylphenol	380	U	380	54
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	49
98-86-2	Acetophenone	380	U	380	56
106-44-5	4-Methylphenol	380	U	380	62
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
67-72-1	Hexachloroethane	38	U	38	6.4
98-95-3	Nitrobenzene	38	U	38	8.4
78-59-1	Isophorone	380	U	380	43
88-75-5	2-Nitrophenol	380	U	380	62
105-67-9	2,4-Dimethylphenol	380	U	380	60
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
120-83-2	2,4-Dichlorophenol	380	U	380	60
91-20-3	Naphthalene	380	U	380	55
106-47-8	4-Chloroaniline	380	U	380	47
87-68-3	Hexachlorobutadiene	76	U	76	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	63
91-57-6	2-Methylnaphthalene	380	U	380	55
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	67
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	1,1'-Biphenyl	380	U	380	62
91-58-7	2-Chloronaphthalene	380	U	380	53
88-74-4	2-Nitroaniline	760	U	760	100
131-11-3	Dimethyl phthalate	380	U	380	51
606-20-2	2,6-Dinitrotoluene	76	U	76	9.6
208-96-8	Acenaphthylene	380	U	380	54
99-09-2	3-Nitroaniline	760	U	760	85
83-32-9	Acenaphthene	380	U	380	54
51-28-5	2,4-Dinitrophenol	1100	U	1100	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-092111-MM-042</u>	Lab Sample ID: <u>460-31552-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20043.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/21/2011 11:05</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/04/2011 21:50</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/08/2011 07:13</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>12.5</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88920</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1100	U	1100	97
132-64-9	Dibenzofuran	380	U	380	57
121-14-2	2,4-Dinitrotoluene	76	U	76	11
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	64
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	65
100-01-6	4-Nitroaniline	760	U	760	78
534-52-1	4,6-Dinitro-2-methylphenol	1100	U	1100	180
86-30-6	N-Nitrosodiphenylamine	380	U	380	61
101-55-3	4-Bromophenyl phenyl ether	380	U	380	67
118-74-1	Hexachlorobenzene	38	U	38	5.2
1912-24-9	Atrazine	380	U	380	70
87-86-5	Pentachlorophenol	1100	U	1100	180
85-01-8	Phenanthrene	380	U	380	66
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	60
84-74-2	Di-n-butyl phthalate	380	U	380	58
206-44-0	Fluoranthene	110	J	380	63
129-00-0	Pyrene	120	J	380	65
85-68-7	Butyl benzyl phthalate	380	U	380	44
91-94-1	3,3'-Dichlorobenzidine	760	U	760	83
56-55-3	Benzo[a]anthracene	38	U	38	7.0
218-01-9	Chrysene	190	J	380	55
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	50
117-84-0	Di-n-octyl phthalate	380	U	380	45
205-99-2	Benzo[b]fluoranthene	420		38	5.6
207-08-9	Benzo[k]fluoranthene	190		38	5.3
50-32-8	Benzo[a]pyrene	430		38	4.6
193-39-5	Indeno[1,2,3-cd]pyrene	330		38	6.0
53-70-3	Dibenz(a,h)anthracene	55		38	4.5
191-24-2	Benzo[g,h,i]perylene	270	J	380	40

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
Matrix: Solid Lab File ID: p20043.d
Analysis Method: 8270C Date Collected: 09/21/2011 11:05
Extract. Method: 3541 Date Extracted: 10/04/2011 21:50
Sample wt/vol: 15.04(g) Date Analyzed: 10/08/2011 07:13
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 12.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	52		10-120
321-60-8	2-Fluorobiphenyl	84		40-109
367-12-4	2-Fluorophenol (Surr)	63		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	76		38-105
4165-62-2	Phenol-d5 (Surr)	65		41-118
1718-51-0	Terphenyl-d14 (Surr)	91		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
Matrix: Solid Lab File ID: p20043.d
Analysis Method: 8270C Date Collected: 09/21/2011 11:05
Extract. Method: 3541 Date Extracted: 10/04/2011 21:50
Sample wt/vol: 15.04(g) Date Analyzed: 10/08/2011 07:13
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 12.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 88920 Units: ug/Kg
Number TICs Found: 3 TIC Result Total: 3240

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Degradation product of 2,4,6-Tribromophenol(sur)	8.61	310	J
	Unknown	9.64	2500	J
	C20H12 PAH	12.56	430	J

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20043.d
 Report Date: 10-Oct-2011 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20043.d
 Lab Smp Id: 460-31552-D-4-E Client Smp ID: SO-17338-092111-MM-
 Inj Date : 08-OCT-2011 07:13
 Operator : BNAMS 4 Inst ID: BNAMS10.i
 Smp Info : 460-31552-D-4-E
 Misc Info : 460-31552-D-4-E
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
 Meth Date : 08-Oct-2011 03:48 asfawa Quant Type: ISTD
 Cal Date : 08-OCT-2011 02:46 Cal File: p20033.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 * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)		112	2.469	2.416 (0.652)		1237408	63.1898	4800
\$ 17 Phenol-d5 (SUR)		99	3.432	3.444 (0.907)		1515468	65.2325	5000
* 79 1,4-Dichlorobenzene-d4		152	3.785	3.790 (1.000)		609103	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.407	4.425 (0.850)		782522	38.2142	2900
* 80 Naphthalene-d8		136	5.183	5.195 (1.000)		1757698	40.0000	
31 Naphthalene		128	5.207	5.212 (1.005)		6307	0.13991	11(aH)
\$ 77 2-Fluorobiphenyl (SUR)		172	6.329	6.340 (0.906)		1227652	41.9046	3200
* 82 Acenaphthene-d10		164	6.987	6.993 (1.000)		856182	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.768	7.774 (1.112)		189919	52.3664	4000
* 83 Phenanthrene-d10		188	8.438	8.444 (1.000)		1025854	40.0000	
52 Phenanthrene		178	8.462	8.467 (1.003)		16658	0.60935	46(a)
56 Fluoranthene		202	9.619	9.625 (1.140)		35327	1.39491	100(a)
57 Pyrene		202	9.831	9.836 (0.891)		37699	1.52754	120(a)

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20043.d
 Report Date: 10-Oct-2011 12:31

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 78 Terphenyl-d14	244	10.019	10.024	(0.908)	783391	45.6588	3500
* 81 Chrysene-d12	240	11.035	11.041	(1.000)	651278	40.0000	
62 Chrysene	228	11.047	11.070	(1.001)	43184	2.56318	190(a)
65 Benzo(b)fluoranthene	252	12.240	12.245	(0.964)	101041	5.55053	420
66 Benzo(k)fluoranthene	252	12.269	12.281	(0.966)	43518	2.44737	180(H)
67 Benzo(a)pyrene	252	12.627	12.633	(0.994)	86419	5.68190	430
* 84 Perylene-d12	264	12.698	12.704	(1.000)	572294	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.014	14.026	(1.104)	62168	4.39144	330
69 Dibenzo(a,h)anthracene	278	14.049	14.061	(1.106)	10056	0.71871	55
70 Benzo(g,h,i)perylene	276	14.331	14.343	(1.129)	51576	3.59583	270(a)

QC Flag Legend

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

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20043.d
 Report Date: 10-Oct-2011 12:31

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20043.d
 Lab Smp Id: 460-31552-D-4-E Client Smp ID: SO-17338-092111-MM-
 Inj Date : 08-OCT-2011 07:13
 Operator : BNAMS 4 Inst ID: BNAMS10.i
 Smp Info : 460-31552-D-4-E
 Misc Info : 460-31552-D-4-E
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
 Meth Date : 08-Oct-2011 03:48 asfawa Quant Type: ISTD
 Cal Date : 08-OCT-2011 02:46 Cal File: p20033.d
 Als bottle: 12
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 83 Phenanthrene-d10	8.438	2704608	40.000
* 84 Perylene-d12	12.698	1685569	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====

Degradation product of 2,4,6-Tribromophenol(sur) CAS #:

8.614	279198	4.12922148	310	0	0	83

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20043.d
Report Date: 10-Oct-2011 12:31

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
=====	=====	=====	=====	=====	=====	=====	=====
Unknown					CAS #:		
9.643	2243022	33.1733392	2500	0		0	83
C20H12 PAH					CAS #:		
12.563	236939	5.62275361	430	0		0	84

Data File: p20043.d

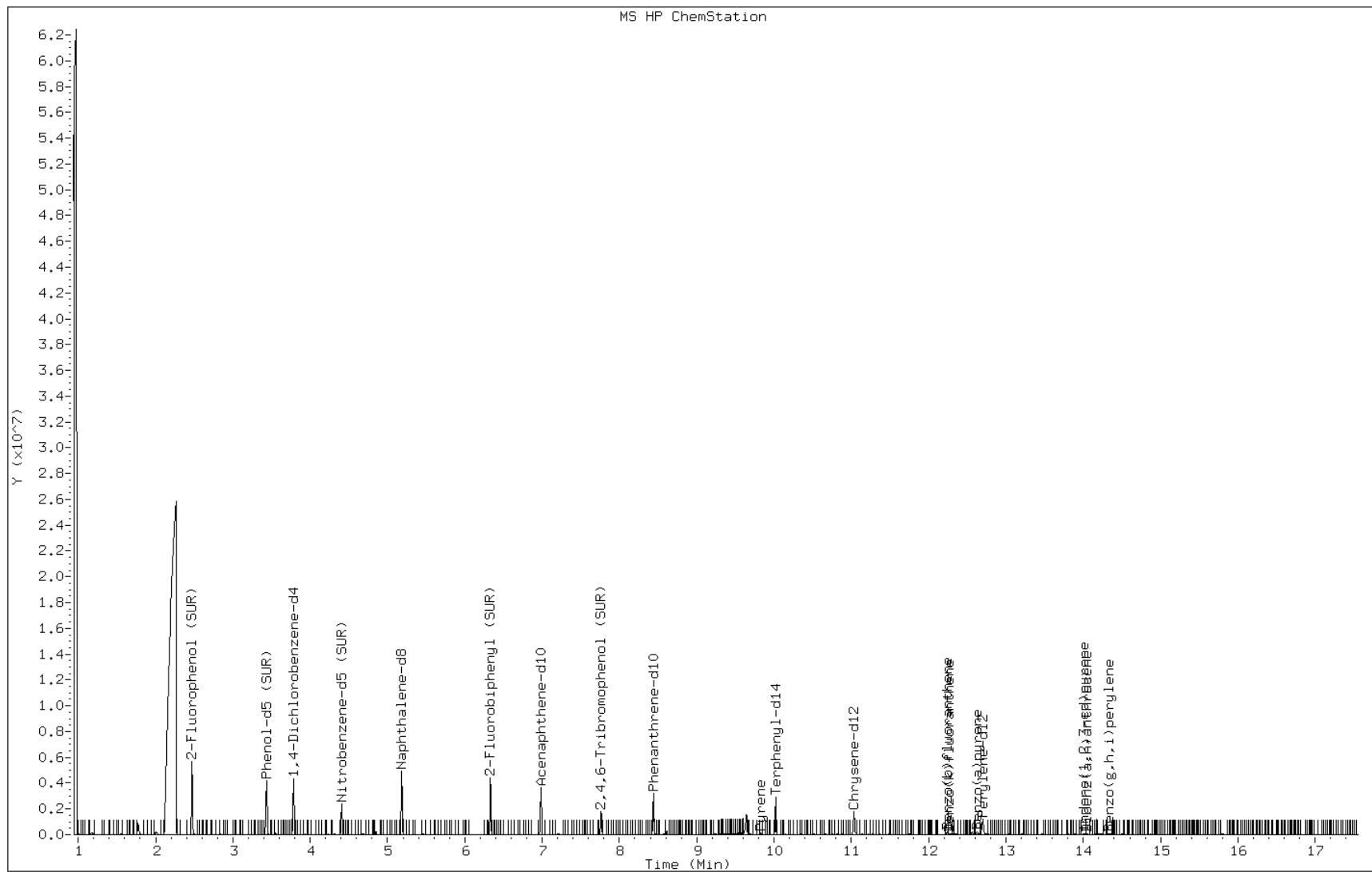
Date: 08-OCT-2011 07:13

Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4



Data File: p20043.d

Date: 08-OCT-2011 07:13

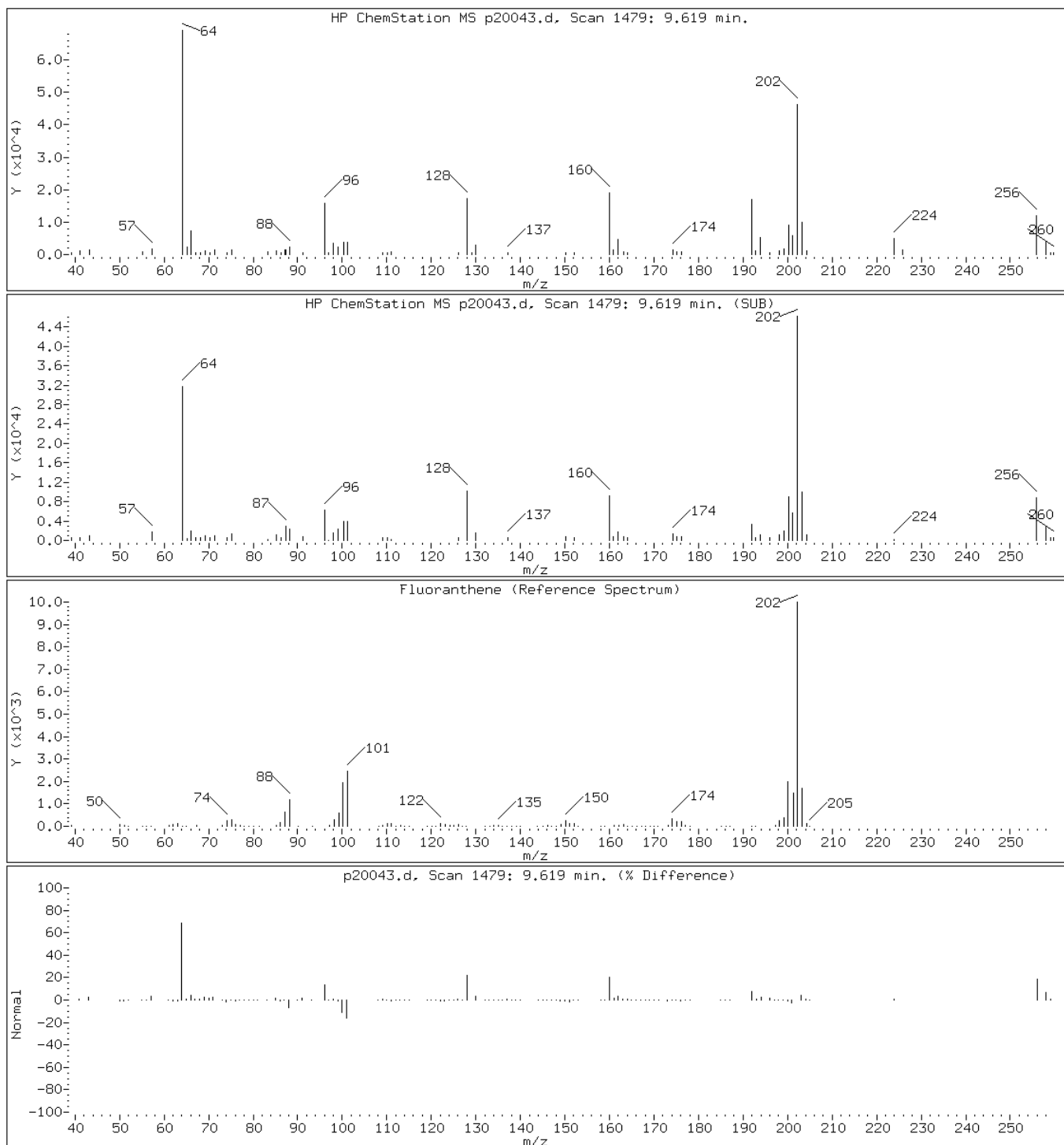
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

56 Fluoranthene



Data File: p20043.d

Date: 08-OCT-2011 07:13

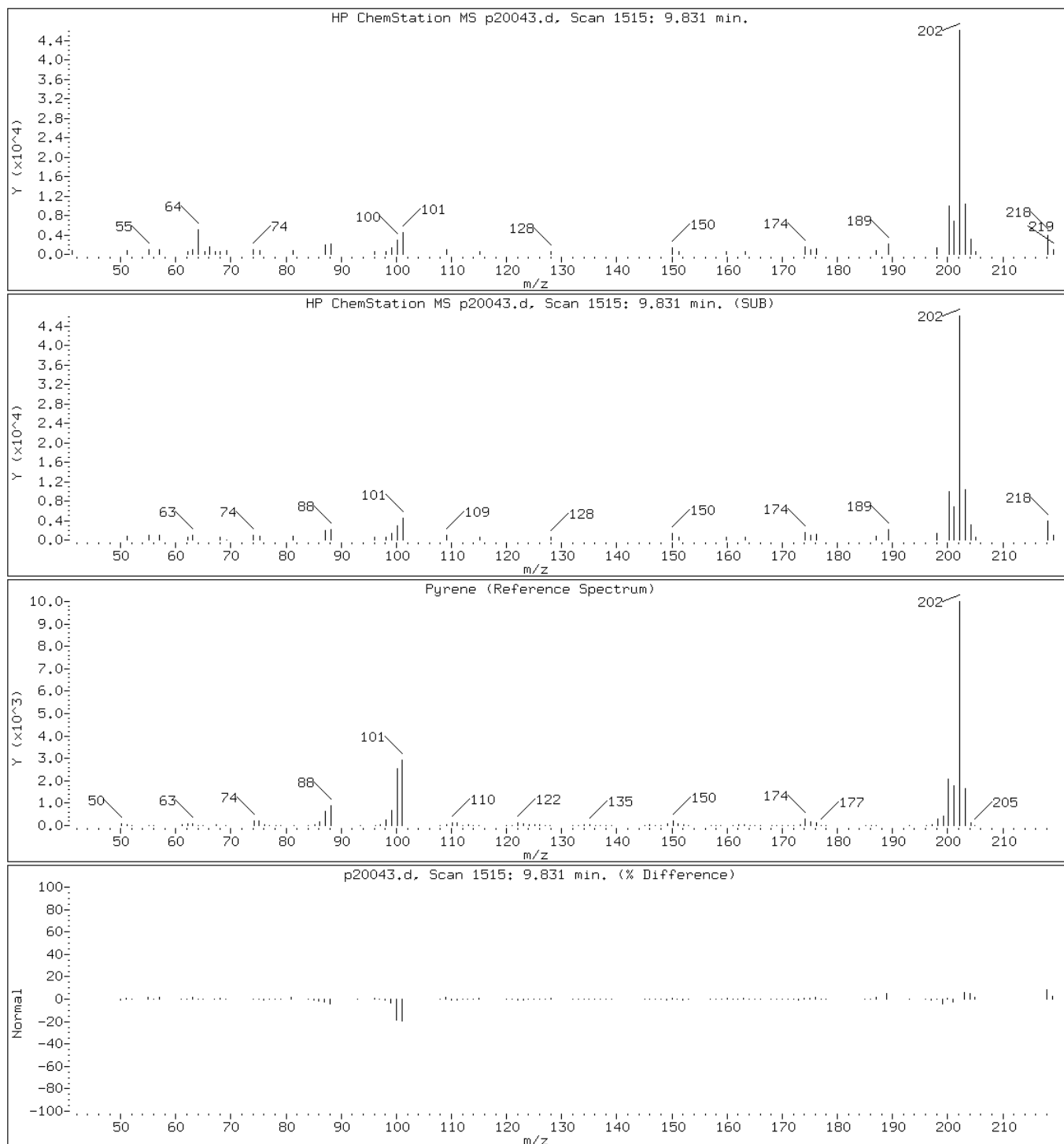
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

57 Pyrene



Data File: p20043.d

Date: 08-OCT-2011 07:13

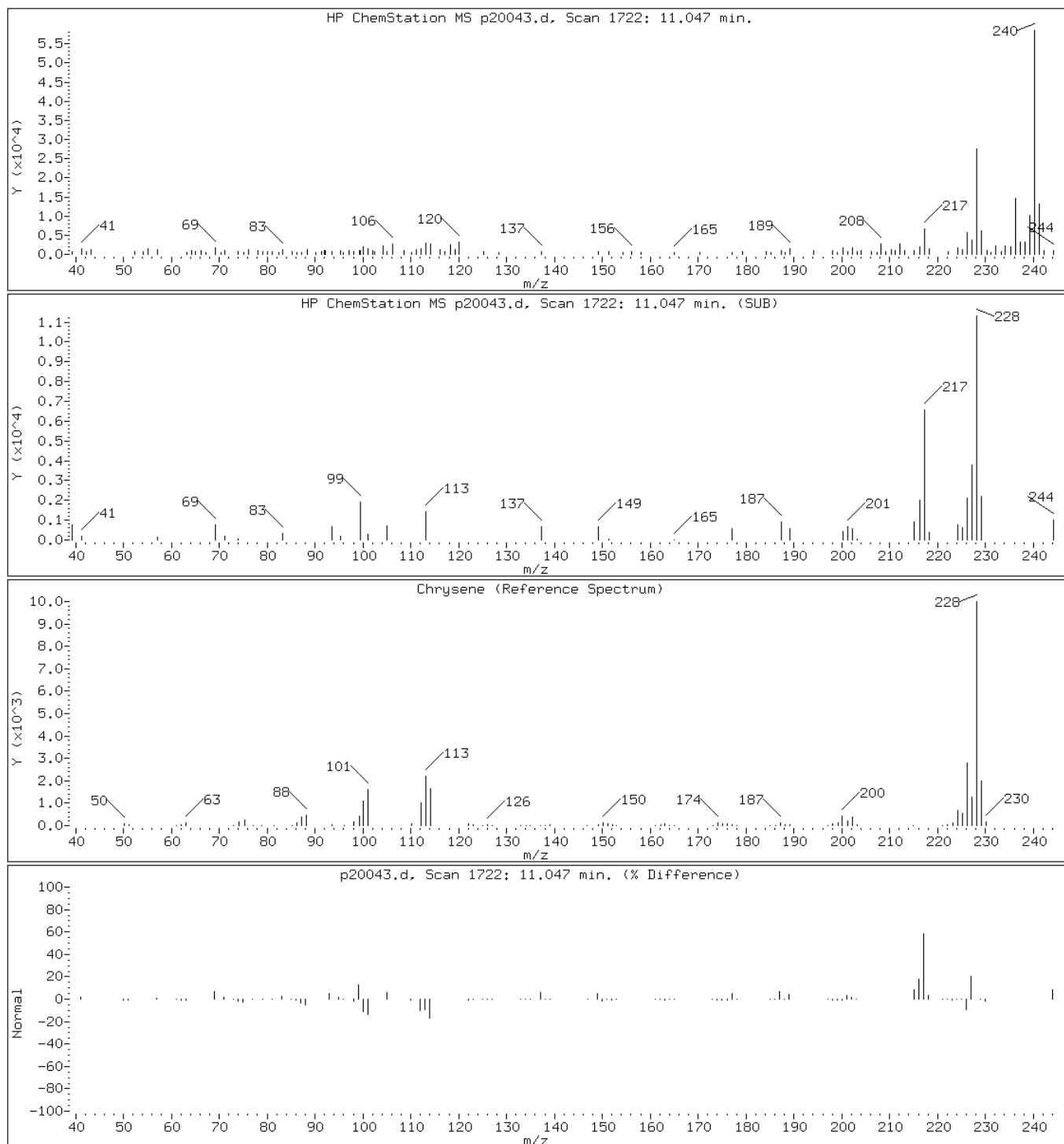
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

62 Chrysene



Data File: p20043.d

Date: 08-OCT-2011 07:13

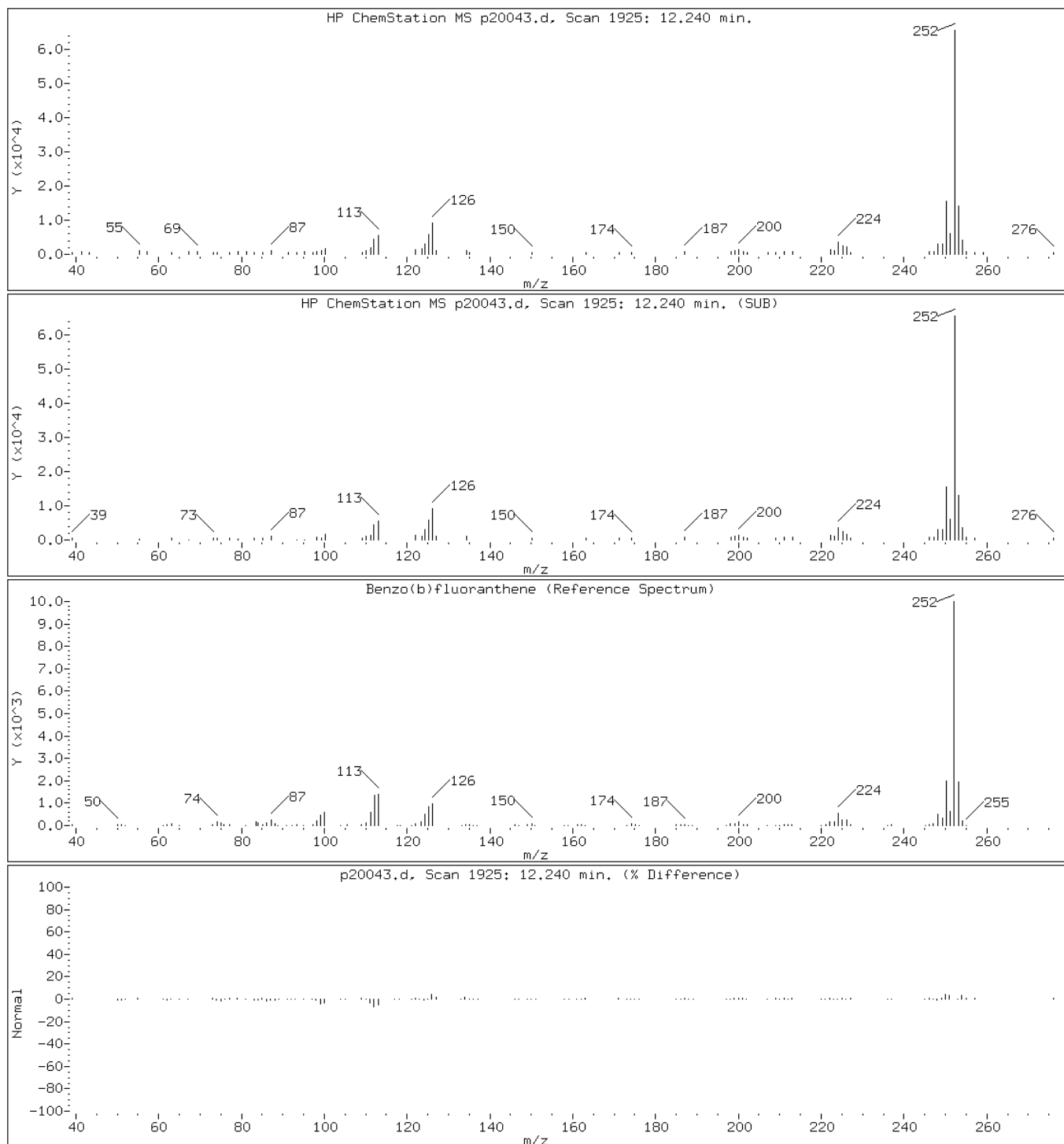
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

65 Benzo(b)fluoranthene



Data File: p20043.d

Date: 08-OCT-2011 07:13

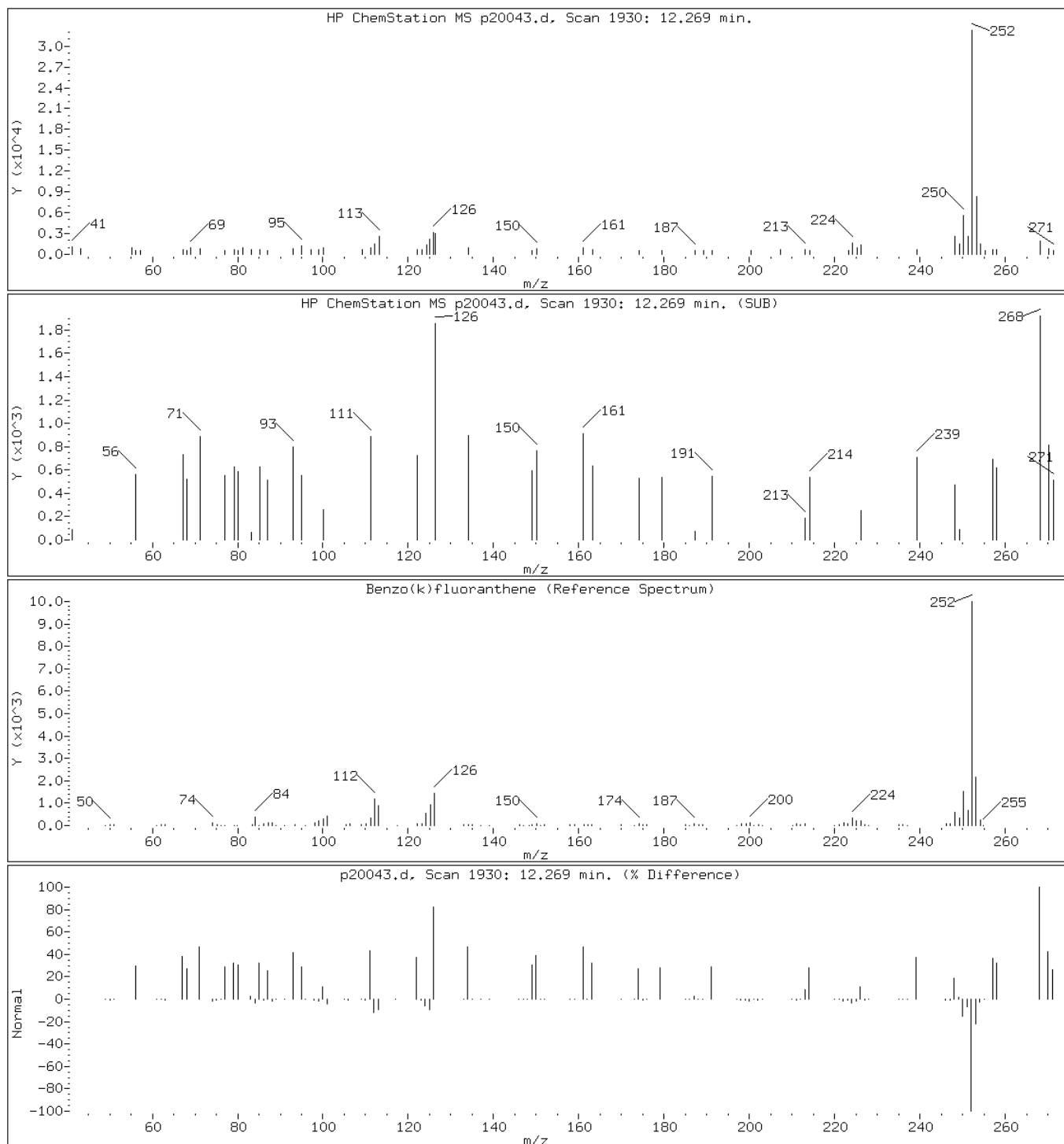
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

66 Benzo(k)fluoranthene



Data File: p20043.d

Date: 08-OCT-2011 07:13

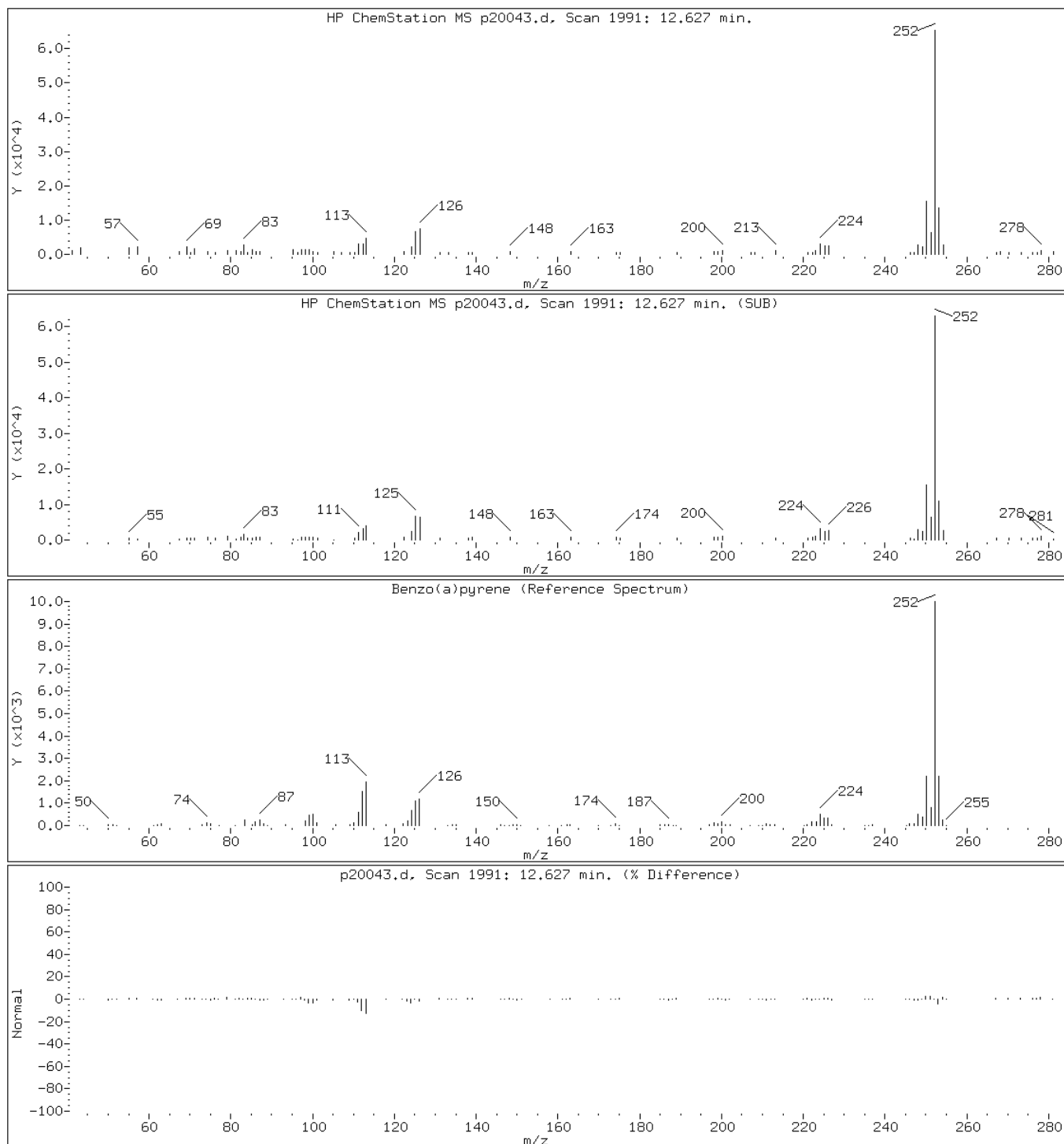
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

67 Benzo(a)pyrene



Data File: p20043.d

Date: 08-OCT-2011 07:13

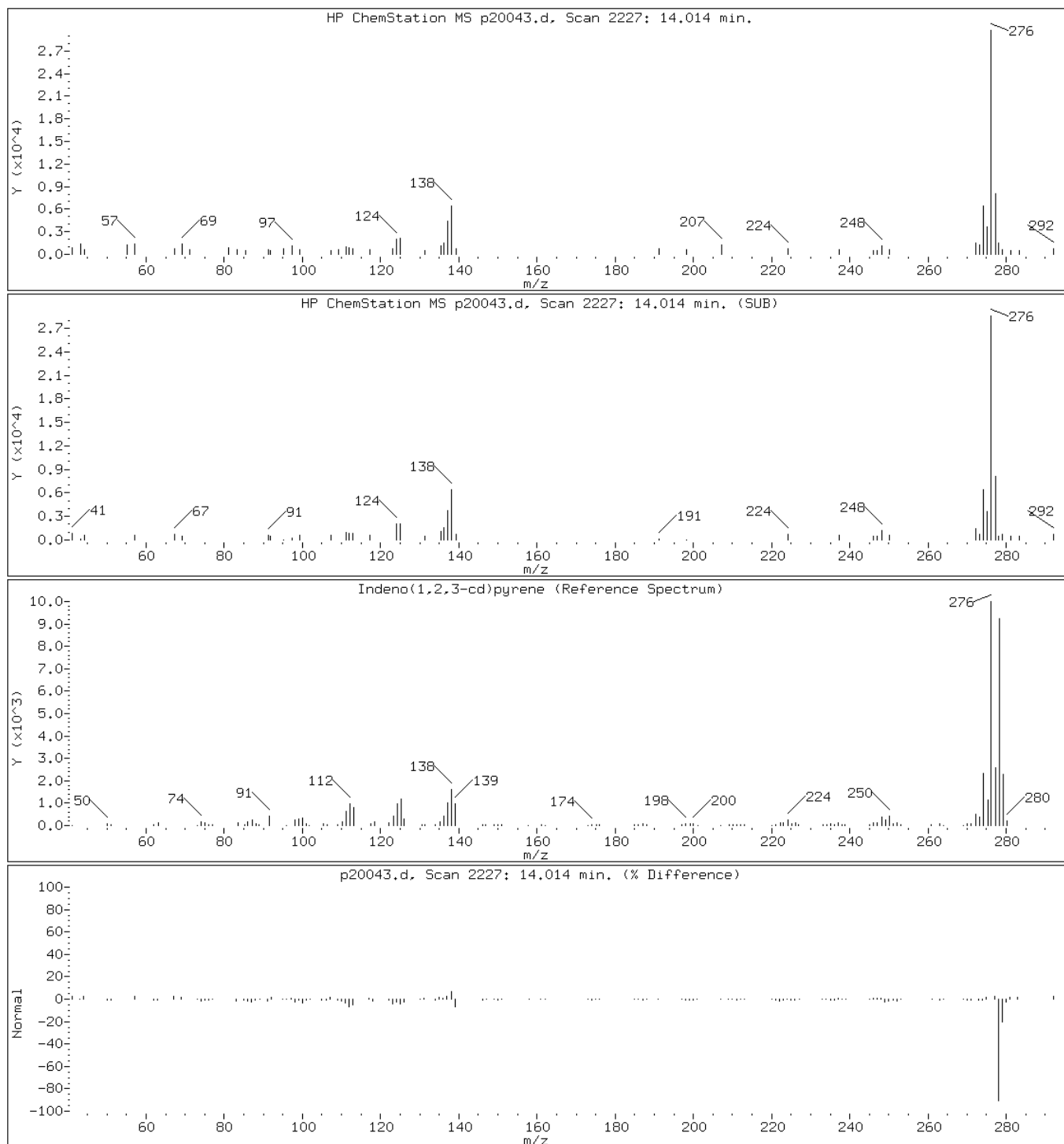
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

68 Indeno(1,2,3-cd)pyrene



Data File: p20043.d

Date: 08-OCT-2011 07:13

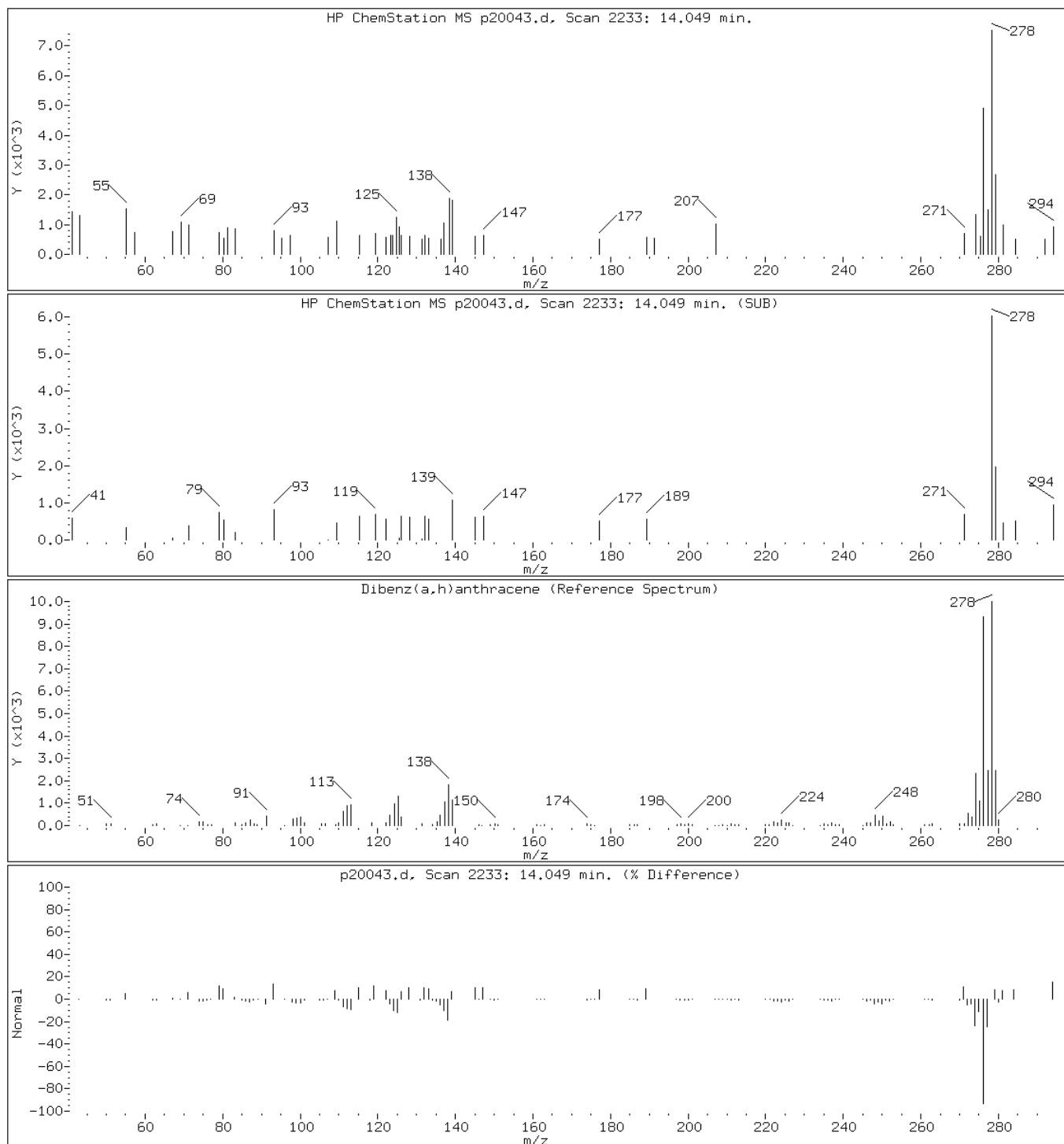
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

69 Dibenz(a,h)anthracene



Data File: p20043.d

Date: 08-OCT-2011 07:13

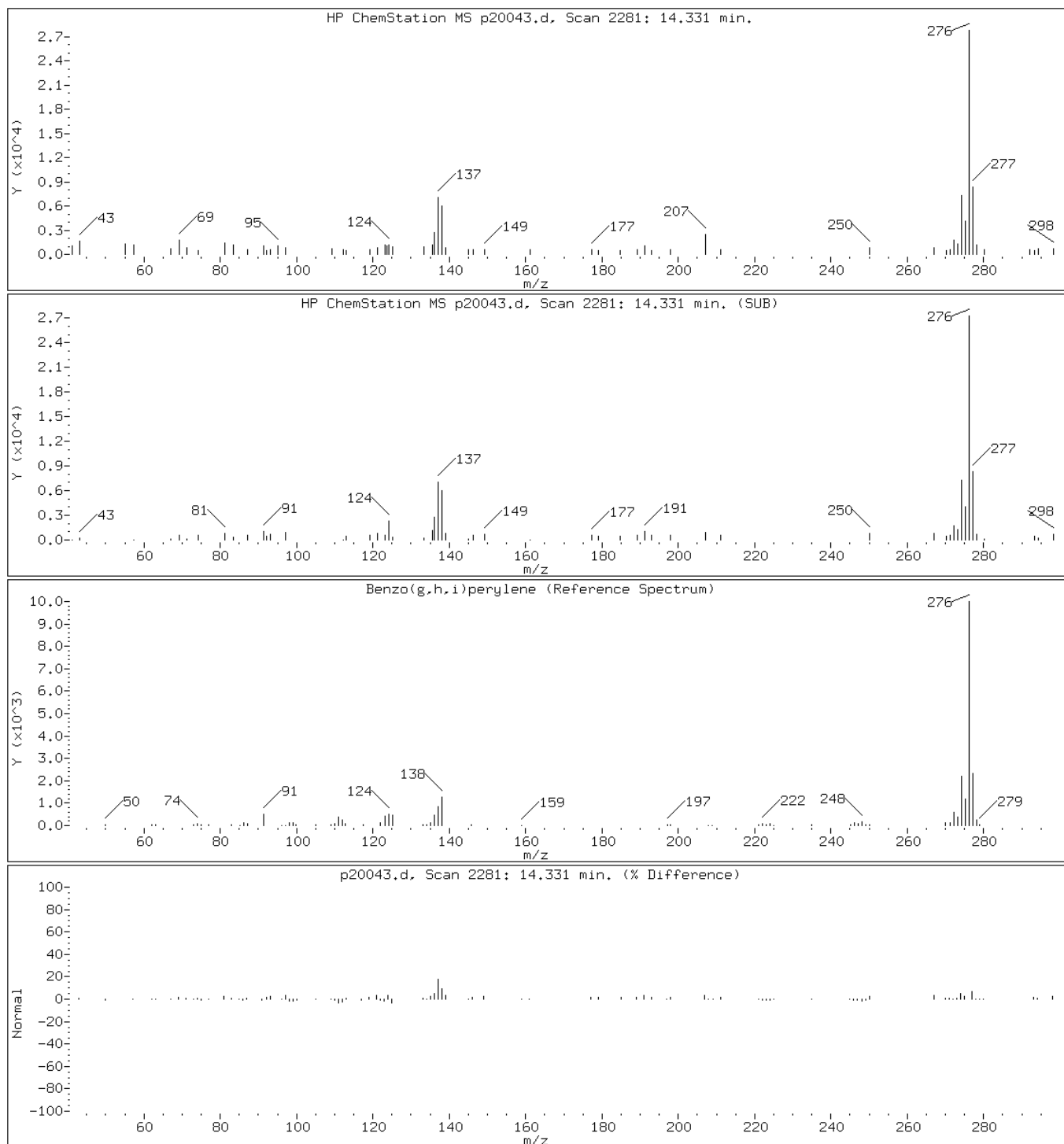
Client ID: S0-17338-092111-MM-

Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

70 Benzo(g,h,i)perylene



Data File: p20043.d

Date: 08-OCT-2011 07:13

Client ID: S0-17338-092111-MM-

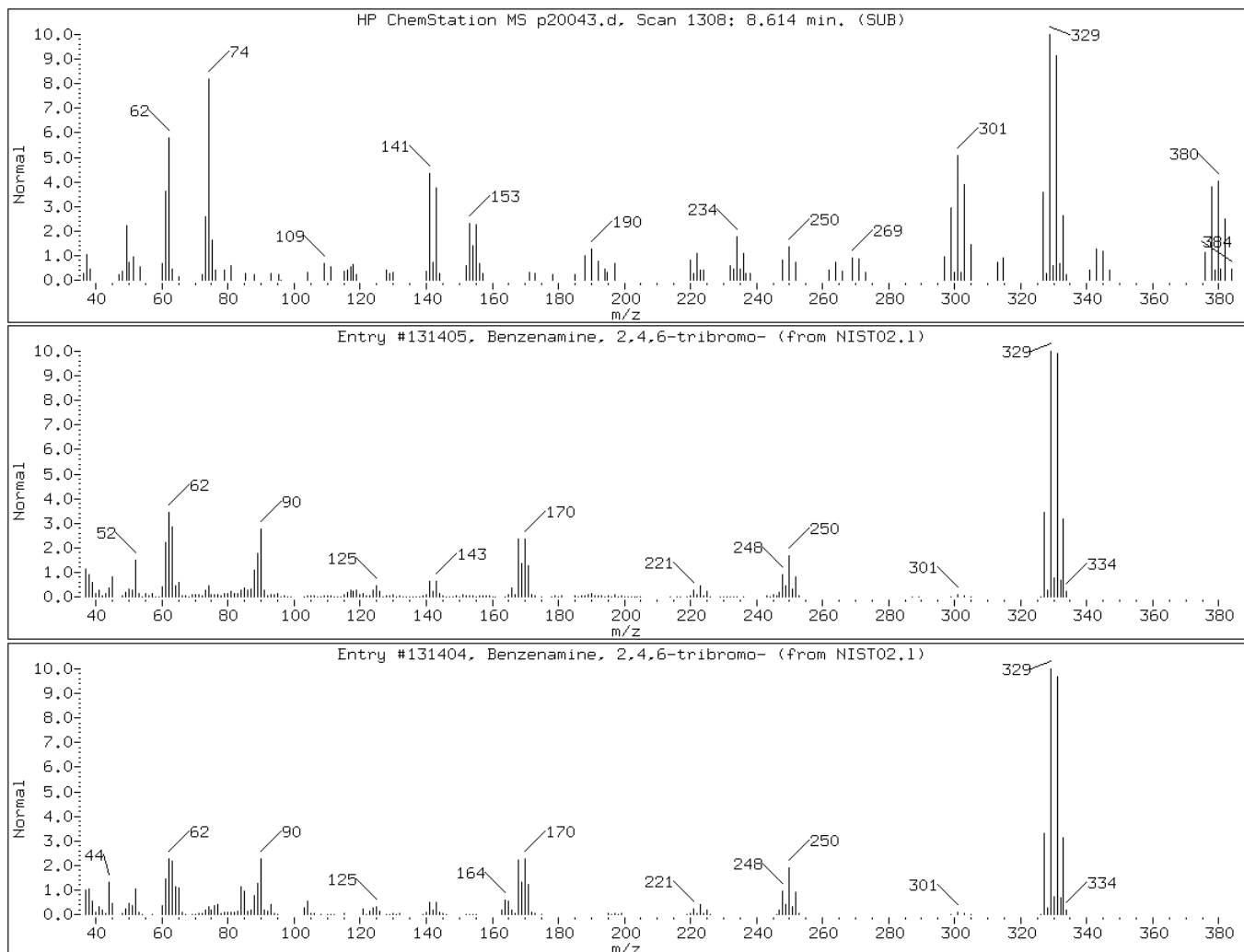
Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.1	131405	59	C6H4Br3N	327
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.1	131404	47	C6H4Br3N	327



Data File: p20043.d

Date: 08-OCT-2011 07:13

Client ID: S0-17338-092111-MM-

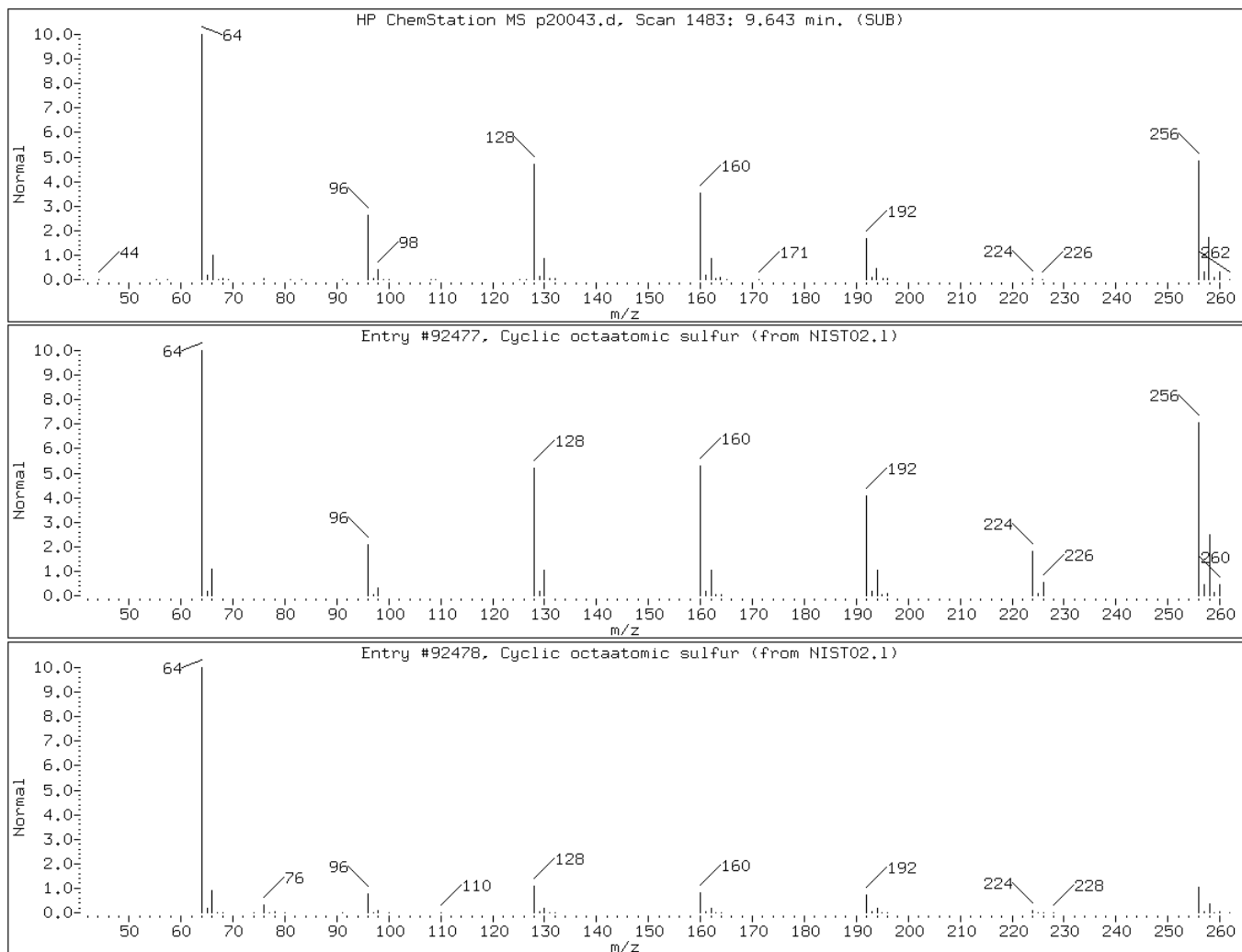
Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

Retention Time: 9.64

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Cyclic octaatomic sulfur	10544-50-0	NIST02.1	92477	94	S ₈	256
Cyclic octaatomic sulfur	10544-50-0	NIST02.1	92478	91	S ₈	256



Data File: p20043.d

Date: 08-OCT-2011 07:13

Client ID: S0-17338-092111-MM-

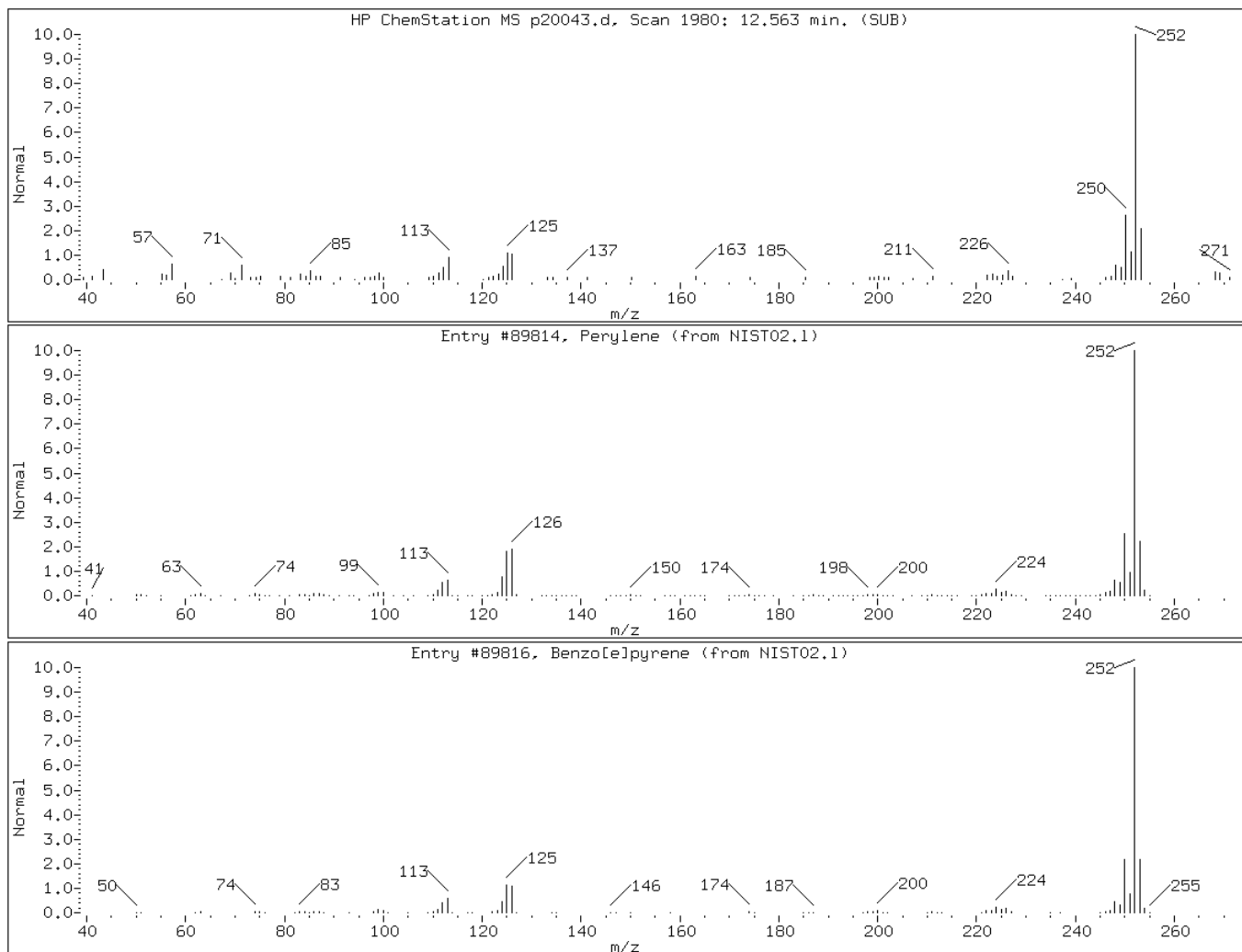
Instrument: BNAMS10.i

Sample Info: 460-31552-D-4-E

Operator: BNAMS 4

Retention Time: 12.56

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C20H12 PAH						
Perylene	198-55-0	NIST02.1	89814	93	C20H12	252
Benzo[e]pyrene	192-97-2	NIST02.1	89816	93	C20H12	252



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-092111-MM-043</u>	Lab Sample ID: <u>460-31552-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10320.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/21/2011 11:20</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/27/2011 12:00</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>09/28/2011 18:13</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>13.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87782</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	380	U	380	24
108-95-2	Phenol	380	U	380	47
111-44-4	Bis(2-chloroethyl)ether	38	U	38	7.9
95-57-8	2-Chlorophenol	380	U	380	51
95-48-7	2-Methylphenol	380	U	380	55
108-60-1	2,2'-oxybis[1-chloropropane]	380	U	380	50
98-86-2	Acetophenone	380	U	380	57
106-44-5	4-Methylphenol	380	U	380	62
621-64-7	N-Nitrosodi-n-propylamine	38	U	38	5.0
67-72-1	Hexachloroethane	38	U	38	6.4
98-95-3	Nitrobenzene	38	U	38	8.5
78-59-1	Isophorone	380	U	380	44
88-75-5	2-Nitrophenol	380	U	380	63
105-67-9	2,4-Dimethylphenol	380	U	380	61
111-91-1	Bis(2-chloroethoxy)methane	380	U	380	54
120-83-2	2,4-Dichlorophenol	380	U	380	61
91-20-3	Naphthalene	380	U	380	56
106-47-8	4-Chloroaniline	380	U	380	48
87-68-3	Hexachlorobutadiene	77	U	77	15
105-60-2	Caprolactam	380	U	380	52
59-50-7	4-Chloro-3-methylphenol	380	U	380	64
91-57-6	2-Methylnaphthalene	380	U	380	56
77-47-4	Hexachlorocyclopentadiene	380	U	380	110
88-06-2	2,4,6-Trichlorophenol	380	U	380	68
95-95-4	2,4,5-Trichlorophenol	380	U	380	73
92-52-4	1,1'-Biphenyl	380	U	380	63
91-58-7	2-Chloronaphthalene	380	U	380	54
88-74-4	2-Nitroaniline	770	U	770	100
131-11-3	Dimethyl phthalate	380	U	380	52
606-20-2	2,6-Dinitrotoluene	77	U	77	9.7
208-96-8	Acenaphthylene	380	U	380	55
99-09-2	3-Nitroaniline	770	U	770	86
83-32-9	Acenaphthene	380	U	380	54
51-28-5	2,4-Dinitrophenol	1200	U	1200	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5

Matrix: Solid Lab File ID: z10320.d

Analysis Method: 8270C Date Collected: 09/21/2011 11:20

Extract. Method: 3541 Date Extracted: 09/27/2011 12:00

Sample wt/vol: 15.02(g) Date Analyzed: 09/28/2011 18:13

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

Injection Volume: _____ Level: (low/med) Low

% Moisture: 13.3 GPC Cleanup: (Y/N) N

Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1200	U	1200	98
132-64-9	Dibenzofuran	380	U	380	57
121-14-2	2,4-Dinitrotoluene	77	U	77	11
84-66-2	Diethyl phthalate	380	U	380	51
86-73-7	Fluorene	380	U	380	65
7005-72-3	4-Chlorophenyl phenyl ether	380	U	380	66
100-01-6	4-Nitroaniline	770	U	770	79
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	180
86-30-6	N-Nitrosodiphenylamine	380	U	380	62
101-55-3	4-Bromophenyl phenyl ether	380	U	380	68
118-74-1	Hexachlorobenzene	38	U	38	5.3
1912-24-9	Atrazine	380	U	380	71
87-86-5	Pentachlorophenol	1200	U	1200	190
85-01-8	Phenanthrene	380	U	380	66
120-12-7	Anthracene	380	U	380	67
86-74-8	Carbazole	380	U	380	61
84-74-2	Di-n-butyl phthalate	380	U	380	58
206-44-0	Fluoranthene	380	U	380	63
129-00-0	Pyrene	380	U	380	66
85-68-7	Butyl benzyl phthalate	380	U	380	44
91-94-1	3,3'-Dichlorobenzidine	770	U	770	84
56-55-3	Benzo[a]anthracene	38	U	38	7.1
218-01-9	Chrysene	380	U	380	55
117-81-7	Bis(2-ethylhexyl) phthalate	380	U	380	51
117-84-0	Di-n-octyl phthalate	380	U	380	45
205-99-2	Benzo[b]fluoranthene	38	U	38	5.7
207-08-9	Benzo[k]fluoranthene	38	U	38	5.3
50-32-8	Benzo[a]pyrene	38	U	38	4.7
193-39-5	Indeno[1,2,3-cd]pyrene	38	U	38	6.1
53-70-3	Dibenz(a,h)anthracene	38	U	38	4.6
191-24-2	Benzo[g,h,i]perylene	380	U	380	40

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5
Matrix: Solid Lab File ID: z10320.d
Analysis Method: 8270C Date Collected: 09/21/2011 11:20
Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
Sample wt/vol: 15.02(g) Date Analyzed: 09/28/2011 18:13
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 13.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	79		10-120
321-60-8	2-Fluorobiphenyl	74		40-109
367-12-4	2-Fluorophenol (Surr)	77		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	74		38-105
4165-62-2	Phenol-d5 (Surr)	85		41-118
1718-51-0	Terphenyl-d14 (Surr)	100		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5
Matrix: Solid Lab File ID: z10320.d
Analysis Method: 8270C Date Collected: 09/21/2011 11:20
Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
Sample wt/vol: 15.02(g) Date Analyzed: 09/28/2011 18:13
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 13.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87782 Units: ug/Kg
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10320.d
 Report Date: 29-Sep-2011 19:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10320.d
 Lab Smp Id: 460-31552-D-5-G Client Smp ID: SO-17338-092111-MM-
 Inj Date : 28-SEP-2011 18:13
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31552-D-5-G
 Misc Info : 460-31552-D-5-G
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 16:17 czhao Quant Type: ISTD
 Cal Date : 28-SEP-2011 15:03 Cal File: z10317.d
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.02000	Weight of sample extracted (g)
M	13.33333	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	2.508	2.450	(0.675)	918663	77.0222	5900
\$ 17 Phenol-d5 (SUR)	99	3.385	3.373	(0.911)	1138015	84.8726	6500
* 79 1,4-Dichlorobenzene-d4	152	3.714	3.714	(1.000)	354351	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.279	4.285	(0.855)	506217	37.1315	2800
* 80 Naphthalene-d8	136	5.002	5.008	(1.000)	1317134	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.102	6.102	(0.904)	884297	36.7994	2800
* 82 Acenaphthene-d10	164	6.749	6.755	(1.000)	654433	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.526	7.532	(1.115)	238966	78.7619	6000
* 83 Phenanthrene-d10	188	8.202	8.202	(1.000)	906627	40.0000	
\$ 78 Terphenyl-d14	244	9.773	9.767	(0.903)	769016	49.7638	3800
* 81 Chrysene-d12	240	10.820	10.825	(1.000)	590160	40.0000	
* 84 Perylene-d12	264	12.561	12.561	(1.000)	476630	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10320.d
Report Date: 29-Sep-2011 19:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10320.d
Lab Smp Id: 460-31552-D-5-G Client Smp ID: SO-17338-092111-MM-
Inj Date : 28-SEP-2011 18:13
Operator : BNAMS 4 Inst ID: BNAMS11.i
Smp Info : 460-31552-D-5-G
Misc Info : 460-31552-D-5-G
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
Meth Date : 28-Sep-2011 16:17 czhao Quant Type: ISTD
Cal Date : 28-SEP-2011 15:03 Cal File: z10317.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all-soil.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: z10320.d

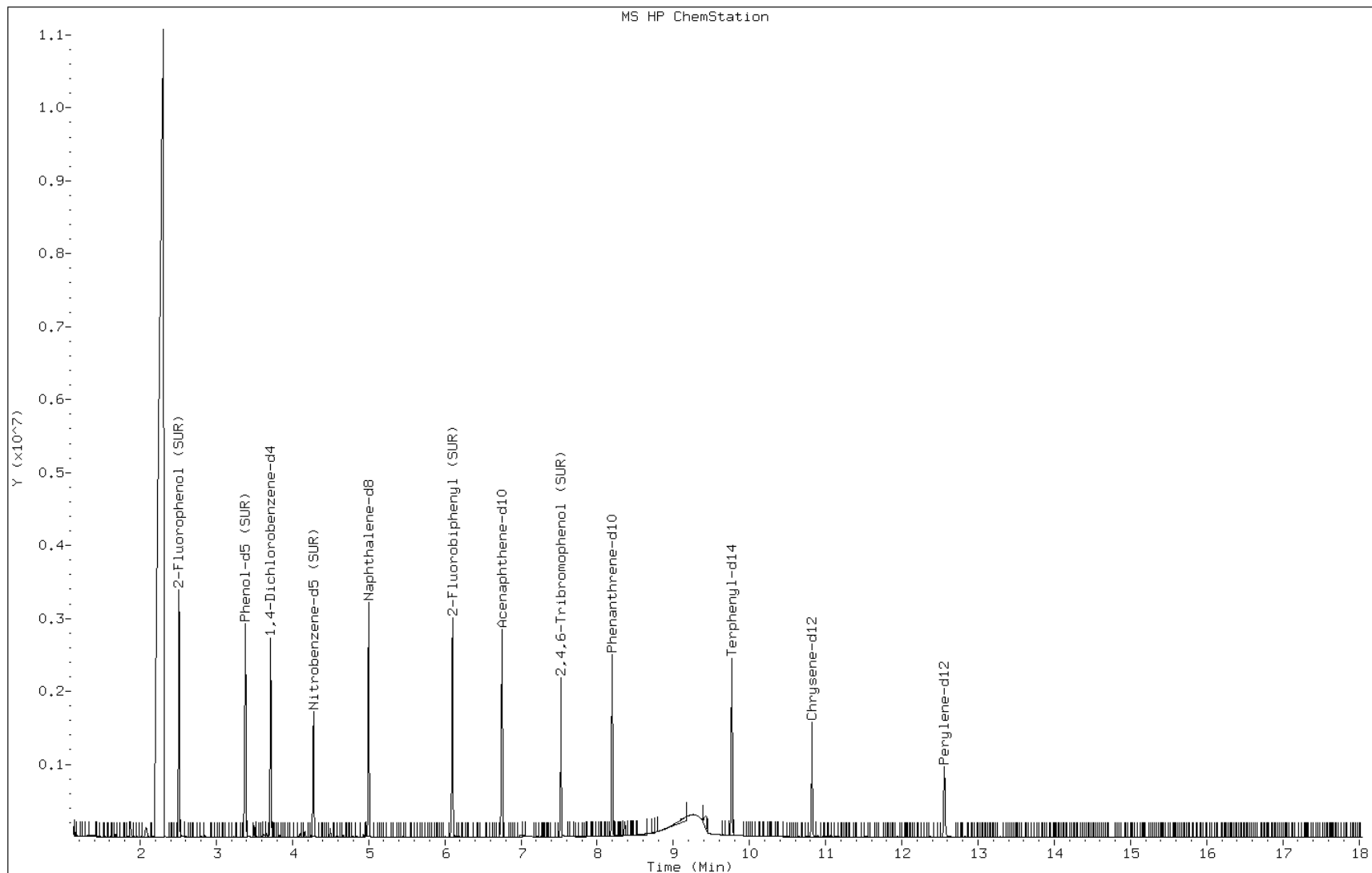
Date: 28-SEP-2011 18:13

Client ID: S0-17338-092111-MM-

Instrument: BNAMS11.i

Sample Info: 460-31552-D-5-G

Operator: BNAMS 4



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87772

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2011 00:31 Calibration End Date: 09/28/2011 03:04 Calibration ID: 12483

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87772/4	p19651.d
Level 2	IC 460-87772/6	p19653.d
Level 3	ICIS 460-87772/2	p19649.d
Level 4	IC 460-87772/5	p19652.d
Level 5	IC 460-87772/3	p19650.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	0.9696	1.0035	1.0082	0.9616	0.9685	Ave		0.9823			0.0500	2.2		30.0			
N-Nitrosodimethylamine	1.0052	1.0251	1.0670	0.9562	0.9822	Ave		1.0071			0.0500	4.2		30.0			
Pyridine	1.8025	1.8703	1.7890	1.6270	1.6583	Ave		1.7494			0.0500	5.9		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1182	+++++	+++++	Ave		0.1182			0.0500			30.0			
Benzaldehyde	0.9907	0.4850	0.6899	0.2151	0.0544	Ave		0.4870			0.0500	76.6	*	30.0			
Aniline	1.8557	1.7592	1.8210	1.5216	1.5987	Ave		1.7113			0.0500	8.5		30.0			
Phenol	1.8578	1.6013	1.5436	1.2862	1.3701	Ave		1.5318			0.0500	14.5		30.0			
Bis(2-chloroethyl)ether	1.1749	1.1344	1.1964	1.0985	1.1430	Ave		1.1495			0.0500	3.3		30.0			
2-Chlorophenol	1.3888	1.2317	1.1932	1.0188	1.0440	Ave		1.1753			0.0500	12.8		30.0			
n-Decane	0.9660	1.0247	0.9964	1.0887	1.1052	Ave		1.0362			0.0500	5.7		30.0			
1,3-Dichlorobenzene	1.5690	1.5595	1.6019	1.5489	1.5623	Ave		1.5683			0.0500	1.3		30.0			
1,4-Dichlorobenzene	1.6356	1.5555	1.6056	1.5582	1.5681	Ave		1.5846			0.0500	2.2		30.0			
Benzyl alcohol	0.7222	0.6799	0.6434	0.6027	0.6643	Ave		0.6625			0.0500	6.7		30.0			
1,2-Dichlorobenzene	1.4512	1.4254	1.4848	1.4093	1.4559	Ave		1.4453			0.0500	2.0		30.0			
2-Methylphenol	1.1469	0.9830	1.0015	0.8101	0.9030	Ave		0.9689			0.0500	12.9		30.0			
2,2'-oxybis[1-chloropropane]	0.9376	0.8730	0.9167	0.8382	0.8899	Ave		0.8911			0.0500	4.3		30.0			
Acetophenone	1.7282	1.5150	1.6249	1.3453	1.4796	Ave		1.5386			0.0500	9.5		30.0			
N-Nitrosodi-n-propylamine	0.8317	0.7640	0.8518	0.6668	0.6031	Ave		0.7435			0.0500	14.3		30.0			
3 & 4 Methylphenol	1.2963	1.0703	1.1022	0.9231	1.0228	Ave		1.0829			0.0500	12.7		30.0			
4-Methylphenol	1.2963	1.0703	1.1022	0.9231	1.0228	Ave		1.0829			0.0500	12.7		30.0			
Hexachloroethane	0.5594	0.5934	0.5956	0.5862	0.5832	Ave		0.5836			0.0500	2.5		30.0			
Nitrobenzene	0.6543	0.6423	0.6373	0.6220	0.6128	Ave		0.6337			0.0500	2.6		30.0			
n,n'-Dimethylaniline	1.3436	1.6346	1.7637	1.5220	1.6222	Ave		1.5772			0.0500	9.9		30.0			
Isophorone	0.7118	0.6336	0.6752	0.5832	0.6094	Ave		0.6427			0.0500	8.0		30.0			
2-Nitrophenol	0.1993	0.1969	0.2066	0.1973	0.2017	Ave		0.2003			0.0500	2.0		30.0			
2,4-Dimethylphenol	0.3458	0.3123	0.3110	0.2743	0.2939	Ave		0.3075			0.0500	8.6		30.0			
Bis(2-chloroethoxy)methane	0.3991	0.3605	0.3876	0.3634	0.3711	Ave		0.3763			0.0500	4.4		30.0			
2,4-Dichlorophenol	0.3399	0.3066	0.3114	0.2700	0.2810	Ave		0.3018			0.0500	9.1		30.0			
1,2,4-Trichlorobenzene	0.4159	0.3904	0.3928	0.3974	0.3870	Ave		0.3967			0.0500	2.9		30.0			
Naphthalene	1.0700	1.0204	1.0398	0.9943	0.9512	Ave		1.0151			0.0500	4.4		30.0			
4-Chloroaniline	0.3764	0.3487	0.3733	0.3281	0.3343	Ave		0.3522			0.0500	6.3		30.0			
Hexachlorobutadiene	0.2330	0.2505	0.2537	0.2654	0.2598	Ave		0.2525			0.0500	4.9		30.0			

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.: 460-31552-1 Analy Batch No.: 87772

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2011 00:31 Calibration End Date: 09/28/2011 03:04 Calibration ID: 12483

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								
Caprolactam	0.0659	0.0633	0.0746	0.0663	0.0730	Ave		0.0686			0.0500	7.1		30.0			
4-Chloro-3-methylphenol	0.3194	0.2527	0.2444	0.2340	0.2467	Ave		0.2595			0.0500	13.2		30.0			
2-Methylnaphthalene	0.6889	0.6192	0.6846	0.6213	0.6320	Ave		0.6492			0.0500	5.3		30.0			
1-Methylnaphthalene	0.6931	0.6472	0.6877	0.6241	0.6377	Ave		0.6579			0.0500	4.7		30.0			
Hexachlorocyclopentadiene	0.4021	0.4602	0.4852	0.4948	0.4792	Ave		0.4643			0.0500	8.0		30.0			
2,4,6-Trichlorophenol	0.4249	0.4032	0.3795	0.3814	0.3978	Ave		0.3973			0.0500	4.7		30.0			
2,4,5-Trichlorophenol	0.4341	0.4138	0.3709	0.3823	0.3916	Ave		0.3985			0.0500	6.4		30.0			
1,1'-Biphenyl	1.5403	1.6080	1.5319	1.5370	1.4814	Ave		1.5397			0.0500	2.9		30.0			
2-Chloronaphthalene	1.1910	1.2201	1.2217	1.2375	1.2263	Ave		1.2193			0.0500	1.4		30.0			
Phenyl ether	0.8459	0.8773	0.8786	0.8667	0.8780	Ave		0.8693			0.0500	1.6		30.0			
2-Nitroaniline	0.3812	0.4178	0.4440	0.4312	0.3244	Ave		0.3997			0.0500	12.1		30.0			
Coumarin	0.1810	0.1553	0.1915	0.1682	0.1727	Ave		0.1738			0.0500	7.8		30.0			
Dimethyl phthalate	1.1039	1.0381	1.1568	1.1140	1.1060	Ave		1.1038			0.0500	3.9		30.0			
2,6-Dinitrotoluene	0.2324	0.2326	0.2703	0.2592	0.2548	Ave		0.2499			0.0500	6.7		30.0			
Acenaphthylene	1.7709	1.6921	1.6534	1.5895	1.5412	Ave		1.6494			0.0500	5.4		30.0			
3-Nitroaniline	0.2382	0.2368	0.2546	0.2616	0.2436	Ave		0.2470			0.0500	4.4		30.0			
Acenaphthene	1.0315	1.0083	1.0563	1.0352	1.0319	Ave		1.0326			0.0500	1.6		30.0			
2,4-Dinitrophenol	0.0850	0.1099	0.1459	0.1571	0.1487	Ave		0.1293			0.0500	23.7		30.0			
4-Nitrophenol	0.1862	0.1766	0.1860	0.2227	0.1976	Ave		0.1938			0.0500	9.2		30.0			
Dibenzofuran	1.4914	1.4810	1.5339	1.4937	1.4392	Ave		1.4878			0.0500	2.3		30.0			
2,4-Dinitrotoluene	0.2682	0.2936	0.3422	0.3495	0.3310	Ave		0.3169			0.0500	11.0		30.0			
Diethyl phthalate	0.9900	0.9027	1.0470	1.0400	0.9922	Ave		0.9944			0.0500	5.8		30.0			
Fluorene	1.1722	1.1275	1.2265	1.2150	1.1916	Ave		1.1865			0.0500	3.3		30.0			
4-Chlorophenyl phenyl ether	0.6005	0.5652	0.6423	0.6318	0.6359	Ave		0.6151			0.0500	5.2		30.0			
4-Nitroaniline	0.2219	0.2000	0.2246	0.2356	0.2059	Ave		0.2176			0.0500	6.7		30.0			
4,6-Dinitro-2-methylphenol	0.1110	0.1290	0.1499	0.1444	0.1455	Ave		0.1360			0.0500	11.8		30.0			
N-Nitrosodiphenylamine	0.6236	0.5427	0.5997	0.5542	0.6011	Ave		0.5843			0.0500	5.9		30.0			
1,2-Diphenylhydrazine	0.9198	1.1023	1.1048	0.9783	1.0700	Ave		1.0350			0.0500	8.0		30.0			
4-Bromophenyl phenyl ether	0.2342	0.2430	0.2647	0.2413	0.2741	Ave		0.2515			0.0500	6.8		30.0			
Hexachlorobenzene	0.2645	0.2424	0.2634	0.2479	0.2679	Ave		0.2572			0.0500	4.4		30.0			
Atrazine	0.2157	0.2225	0.2177	0.2186	0.2252	Ave		0.2199			0.0500	1.7		30.0			
Pentachlorophenol	0.1210	0.1296	0.1216	0.1436	0.1492	Ave		0.1330			0.0500	9.7		30.0			
Phenanthrene	1.1132	1.1001	1.0957	1.0801	1.0804	Ave		1.0939			0.0500	1.3		30.0			
Anthracene	1.1018	1.1232	1.1197	1.1087	1.0927	Ave		1.1092			0.0500	1.1		30.0			
Carbazole	0.9196	0.8971	0.8950	0.9477	0.9112	Ave		0.9141			0.0500	2.3		30.0			
Di-n-butyl phthalate	1.0267	1.0350	1.0805	1.1391	1.1207	Ave		1.0804			0.0500	4.6		30.0			
Fluoranthene	1.0100	1.0764	1.0336	1.1197	1.0662	Ave		1.0612			0.0500	4.0		30.0			
Benzidine	0.1146	0.2894	0.2188	0.0926	0.1028	Ave		0.1636			0.0500	52.9	*	30.0			
Pyrene	1.6612	1.2147	1.5961	1.5029	1.2649	Ave		1.4480			0.0500	13.7		30.0			
Butyl benzyl phthalate	0.6267	0.5207	0.6115	0.6083	0.5602	Ave		0.5855			0.0500	7.5		30.0			
3,3'-Dichlorobenzidine	0.4209	0.3832	0.4137	0.3612	0.3663	Ave		0.3891			0.0500	7.0		30.0			

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.: 460-31552-1 Analy Batch No.: 87772

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2011 00:31 Calibration End Date: 09/28/2011 03:04 Calibration ID: 12483

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								
Benzo[a]anthracene	1.2499	1.1242	1.1825	1.1351	1.1343	Ave		1.1652			0.0500	4.5		30.0			
Chrysene	1.0987	1.1070	1.1189	1.0945	1.0328	Ave		1.0904			0.0500	3.1		30.0			
Bis(2-ethylhexyl) phthalate	0.8046	0.7170	0.8335	0.8072	0.7670	Ave		0.7859			0.0500	5.8		30.0			
Di-n-octyl phthalate	1.4099	1.4836	1.5094	1.4807	1.4560	Ave		1.4679			0.0500	2.6		30.0			
Benzo[b]fluoranthene	1.1044	1.2121	1.2766	1.2182	1.2531	Ave		1.2129			0.0500	5.4		30.0			
Benzo[k]fluoranthene	1.3409	1.2669	1.2987	1.3327	1.2881	Ave		1.3055			0.0500	2.4		30.0			
Benzo[a]pyrene	1.1683	1.0377	1.0941	1.0578	1.0729	Ave		1.0862			0.0500	4.6		30.0			
Indeno[1,2,3-cd]pyrene	0.8514	0.9103	0.9700	0.9770	1.0834	Ave		0.9584			0.0500	9.0		30.0			
Dibenz(a,h)anthracene	0.8545	0.9432	0.9950	0.9826	1.0472	Ave		0.9645			0.0500	7.5		30.0			
Benzo[g,h,i]perylene	1.0068	1.0152	1.0209	1.0111	1.0714	Ave		1.0251			0.0500	2.6		30.0			
2-Fluorophenol (Surr)	1.3267	1.4174	1.2523	1.0599	1.1023	Ave		1.2317			0.0500	12.2		30.0			
Phenol-d5 (Surr)	1.5802	1.5453	1.4630	1.1762	1.3068	Ave		1.4143			0.0500	12.0		30.0			
Nitrobenzene-d5 (Surr)	0.4554	0.4706	0.4641	0.4506	0.4419	Ave		0.4565			0.0500	2.5		30.0			
2-Fluorobiphenyl	1.4218	1.5222	1.4229	1.4197	1.3907	Ave		1.4355			0.0500	3.5		30.0			
2,4,6-Tribromophenol (Surr)	0.1507	0.1529	0.1489	0.1723	0.1737	Ave		0.1597			0.0500	7.7		30.0			
Terphenyl-d14 (Surr)	1.0861	0.8530	1.0633	1.0577	0.8979	Ave		0.9916			0.0500	10.9		30.0			

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.: 460-31552-1 Analy Batch No.: 87772

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2011 00:31 Calibration End Date: 09/28/2011 03:04 Calibration ID: 12483

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87772/4	p19651.d
Level 2	IC 460-87772/6	p19653.d
Level 3	ICIS 460-87772/2	p19649.d
Level 4	IC 460-87772/5	p19652.d
Level 5	IC 460-87772/3	p19650.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	67265	246938	699369	983674	1356113	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	69735	252253	740196	978161	1375263	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	125049	460227	1241019	1664405	2321872	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1029	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	68731	119357	478561	220037	76119	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	128737	432908	1263276	1556638	2238497	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	128880	394037	1070797	1315747	1918443	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	8151	279154	829969	1123802	1600379	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	96343	303081	827701	1042184	1461771	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	67015	252158	691214	1113726	1547482	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	108845	383762	1111259	1584476	2187450	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	113470	382780	1113833	1594028	2195576	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	50105	167320	446352	616605	930121	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	100673	350753	1030028	1441660	2038502	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	79567	241904	694726	828769	1264373	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	65043	214825	635940	857486	1246004	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	119894	372814	1127235	1376247	2071629	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	5770	188004	590881	682150	844476	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	89928	263372	764632	944315	1432080	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	89928	263372	764632	944315	1432080	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	3881	146012	413166	599682	816604	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	13758	439357	1314374	1647765	2390040	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	9321	402244	1223524	1557043	2271326	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	149667	433452	1392589	1545051	2376731	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	41901	134676	426010	522703	786508	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	72719	213663	641496	726703	1146423	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	83910	246606	799328	962748	1447274	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	71473	209708	642292	715188	1096072	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	8745	267064	810174	1052902	1509430	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	224977	698011	2144497	2634322	3709807	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	79144	238553	769859	869309	1303782	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	9798	171385	523310	703065	1013123	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	13862	43291	153830	175663	284698	5.00	20.0	50.0	80.0	120
4-Chloro-3-methylphenol	NPT	Ave	67165	172893	504047	619880	962345	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.: 460-31552-1 Analy Batch No.: 87772

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2011 00:31 Calibration End Date: 09/28/2011 03:04 Calibration ID: 12483

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
2-Methylnaphthalene	NPT	Ave	144850	423547	1411847	1645925	2464840	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	145728	442696	1418332	1653485	2487013	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	44700	141233	519711	597679	895494	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	47226	123729	406492	460686	743271	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	48257	126978	397335	461719	731817	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	171212	493460	1640936	1856551	2768121	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	132383	374419	1308691	1494713	2291448	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	94025	269225	941185	1046871	1640610	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	84748	128225	475580	520824	606094	10.0	20.0	50.0	80.0	120
Coumarin	NPT	Ave	38057	106262	395018	445734	673363	5.00	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	122707	318577	1239152	1345544	2066736	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	5166	71388	289591	313118	476168	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	196844	519257	1771099	1920000	2879942	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	52943	72682	272701	315960	455235	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	114652	309432	1131486	1250423	1928177	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	28330	50585	156324	189795	277897	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	62096	81296	199244	269012	369155	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	165769	454481	1643066	1804178	2689331	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	5963	90092	366608	422215	618526	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	110046	277024	1121587	1256182	1854004	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	130292	346012	1313791	1467532	2226553	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	66742	173432	688028	763169	1188341	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	49334	61368	240619	284606	384677	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	46774	69774	204819	244445	336709	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	87559	195699	819702	938435	1390943	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	129159	397450	1510009	1656377	2475908	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	32884	87611	361730	408603	634325	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	3714	87413	360047	419655	619980	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	30286	80222	297618	370136	521085	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	50977	70098	166136	243148	345219	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	156307	396681	1497560	1828775	2499907	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	154715	405004	1530469	1877226	2528465	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	129120	323476	1223300	1604604	2108396	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	144162	373213	1476802	1928782	2593090	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	141822	388113	1412713	1895836	2467062	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	32182	156521	299048	156800	237824	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	138930	389253	1390002	1853611	2471311	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	52416	166849	532526	750277	1094514	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	70395	184204	360280	445488	715679	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	10453	360240	1029843	1399962	2216104	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	91887	354736	974472	1349829	2017682	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	67292	229761	725893	995605	1498478	5.00	20.0	50.0	80.0	120
Di-n-octyl phthalate	PRY	Ave	100756	391197	1043109	1460591	2316576	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.: 460-31552-1 Analy Batch No.: 87772

SDG No.: _____

Instrument ID: BNAMS10 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/28/2011 00:31 Calibration End Date: 09/28/2011 03:04 Calibration ID: 12483

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
Benzo[b]fluoranthene	PRY	Ave	7892	319624	882212	1201668	1993703	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	9582	334062	897487	1314614	2049446	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	8349	273621	756097	1043442	1707107	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	6084	240036	670343	963782	1723708	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	6106	248702	687597	969212	1666223	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	71945	267701	705521	997352	1704704	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	92039	348790	868754	1084310	1543399	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	109626	380253	1014871	1203219	1829725	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	95762	321941	957182	1193823	1723478	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	158039	467131	1524165	1714829	2598678	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	16748	46915	159459	208084	324578	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	90837	273336	925974	1304498	1754216	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19649.d
 Report Date: 29-Sep-2011 14:46

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19649.d
 Lab Smp Id: ICIS-1143618
 Inj Date : 28-SEP-2011 00:31
 Operator : BNAMS 4
 Smp Info : ICIS-1143618
 Misc Info : 50 ppm bna4587
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/8270Cdel_08.m
 Meth Date : 29-Sep-2011 14:46 monica
 Cal Date : 28-SEP-2011 00:31
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i
 Quant Type: ISTD
 Cal File: p19649.d
 Calibration Sample, Level: 3
 Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.297	1.297 (0.315)		699369	50.0000	50(M)
19 N-Nitrosodimethylamine		74	1.520	1.520 (0.370)		740196	50.0000	50
71 Pyridine		79	1.538	1.538 (0.374)		1241019	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.713	2.713 (0.660)		868754	50.0000	50
110 Benzaldehyde		77	3.612	3.612 (0.879)		478561	50.0000	50
\$ 17 Phenol-d5 (SUR)		99	3.747	3.747 (0.911)		1014871	50.0000	50
1 Phenol		94	3.759	3.759 (0.914)		1070797	50.0000	50
73 Aniline		93	3.747	3.747 (0.911)		1263276	50.0000	50
20 bis(2-Chloroethyl)ether		93	3.835	3.835 (0.933)		829969	50.0000	50
2 2-Chlorophenol		128	3.882	3.882 (0.944)		827701	50.0000	50
113 n-decane		43	3.970	3.970 (0.966)		691214	50.0000	50
21 1,3-Dichlorobenzene		146	4.052	4.052 (0.986)		1111259	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	4.111	4.111 (1.000)		554968	40.0000	
22 1,4-Dichlorobenzene		146	4.129	4.129 (1.004)		1113833	50.0000	50
74 Benzyl Alcohol		108	4.287	4.287 (1.043)		446352	50.0000	50

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19649.d
 Report Date: 29-Sep-2011 14:46

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.299	4.299	(1.046)	1030028	50.0000	50
3 2-Methylphenol	108	4.434	4.434	(1.079)	694726	50.0000	50
24 bis (2-chloroisopropyl) ether	45	4.440	4.440	(1.080)	635940	50.0000	50
104 Acetophenone	105	4.575	4.575	(1.113)	1127235	50.0000	50
4 4-Methylphenol	108	4.605	4.605	(1.120)	764632	50.0000	50
121 3 & 4 Methylphenol	108	4.605	4.605	(1.120)	764632	50.0000	50
25 N-Nitroso-di-n-propylamine	70	4.593	4.593	(1.117)	590881	50.0000	50
26 Hexachloroethane	117	4.663	4.663	(1.134)	413166	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.728	4.728	(0.861)	957182	50.0000	50
107 N,N-Dimethylaniline	120	4.757	4.757	(1.157)	1223524	50.0000	50
27 Nitrobenzene	77	4.752	4.752	(0.865)	1314374	50.0000	50
28 Isophorone	82	5.016	5.016	(0.913)	1392589	50.0000	50
5 2-Nitrophenol	139	5.092	5.092	(0.927)	426010	50.0000	50
6 2,4-Dimethylphenol	122	5.175	5.175	(0.942)	641496	50.0000	50
29 bis(2-Chloroethoxy)methane	93	5.269	5.269	(0.959)	799328	50.0000	50
7 2,4-Dichlorophenol	162	5.357	5.357	(0.975)	642292	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.439	5.439	(0.990)	810174	50.0000	50
* 80 Naphthalene-d8	136	5.492	5.492	(1.000)	1649948	40.0000	
31 Naphthalene	128	5.509	5.509	(1.003)	2144497	50.0000	50
32 4-Chloroaniline	127	5.586	5.586	(1.017)	769859	50.0000	50
33 Hexachlorobutadiene	225	5.662	5.662	(1.031)	523310	50.0000	50
111 Caprolactam	113	5.974	5.974	(1.088)	153830	50.0000	50
8 4-Chloro-3-methylphenol	107	6.121	6.121	(1.114)	504047	50.0000	50
34 2-Methylnaphthalene	142	6.232	6.232	(1.135)	1411847	50.0000	50
120 1-Methylnaphthalene	142	6.332	6.332	(1.153)	1418332	50.0000	50
35 Hexachlorocyclopentadiene	237	6.408	6.408	(0.880)	519711	50.0000	50
9 2,4,6-Trichlorophenol	196	6.538	6.538	(0.898)	406492	50.0000	50
10 2,4,5-Trichlorophenol	196	6.573	6.573	(0.902)	397335	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.620	(0.909)	1524165	50.0000	50
102 Diphenyl	154	6.720	6.720	(0.923)	1640936	50.0000	50
36 2-Chloronaphthalene	162	6.726	6.726	(0.923)	1308691	50.0000	50
103 Diphenyl Ether	170	6.826	6.826	(0.937)	941185	50.0000	50
37 2-Nitroaniline	65	6.843	6.843	(0.940)	475580	50.0000	50
38 Dimethylphthalate	163	7.043	7.043	(0.967)	1239152	50.0000	50
114 Coumarin	146	7.043	7.043	(1.282)	395018	50.0000	50
40 2,6-Dinitrotoluene	165	7.096	7.096	(0.974)	289591	50.0000	50
39 Acenaphthylene	152	7.137	7.137	(0.980)	1771099	50.0000	50
41 3-Nitroaniline	138	7.255	7.255	(0.996)	272701	50.0000	50
* 82 Acenaphthene-d10	164	7.284	7.284	(1.000)	856959	40.0000	
42 Acenaphthene	154	7.313	7.313	(1.004)	1131486	50.0000	50
11 2,4-Dinitrophenol	184	7.360	7.360	(1.010)	156324	50.0000	50
12 4-Nitrophenol	65	7.448	7.448	(1.023)	199244	50.0000	50
44 2,4-Dinitrotoluene	165	7.495	7.495	(1.029)	366608	50.0000	50
43 Dibenzofuran	168	7.490	7.490	(1.028)	1643066	50.0000	50
45 Diethylphthalate	149	7.748	7.748	(1.064)	1121587	50.0000	50
46 4-Chlorophenyl-phenylether	204	7.836	7.836	(1.076)	688028	50.0000	50
47 Fluorene	166	7.824	7.824	(1.074)	1313791	50.0000	50

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19649.d
 Report Date: 29-Sep-2011 14:46

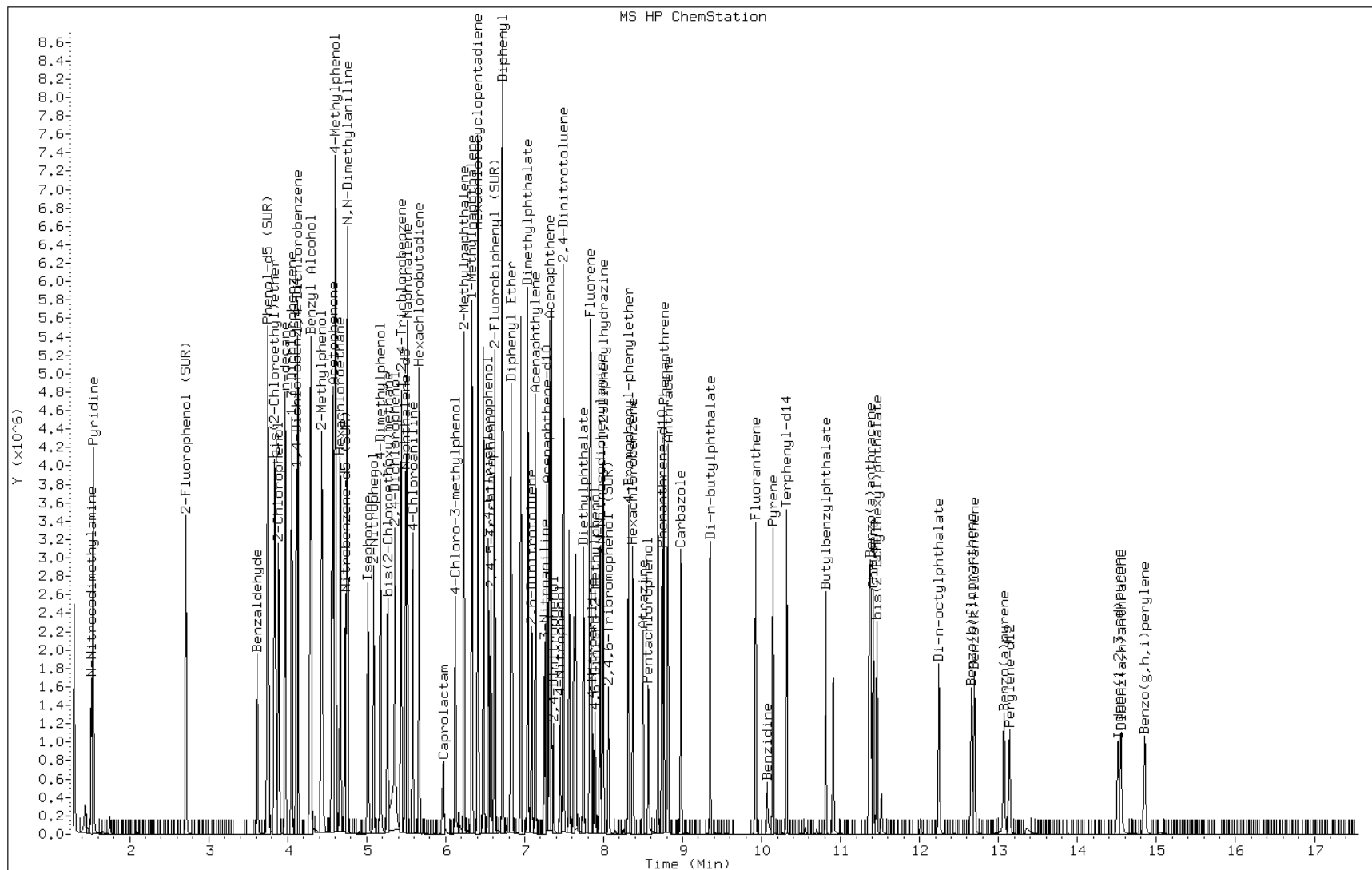
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.860	7.860	(1.079)	240619	50.0000	50
13 4,6-Dinitro-2-methylphenol	198	7.895	7.895	(0.903)	204819	50.0000	50
49 N-Nitrosodiphenylamine	169	7.960	7.960	(0.911)	819702	50.0000	50
75 1,2-Diphenylhydrazine	77	7.995	7.995	(0.915)	1510009	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.065	8.065	(1.107)	159459	50.0000	50
50 4-Bromophenyl-phenylether	248	8.312	8.312	(0.951)	361730	50.0000	50
51 Hexachlorobenzene	284	8.371	8.371	(0.958)	360047	50.0000	50
112 Atrazine	200	8.500	8.500	(0.972)	297618	50.0000	50
14 Pentachlorophenol	266	8.571	8.571	(0.980)	166136	50.0000	50
* 83 Phenanthrene-d10	188	8.741	8.741	(1.000)	1093439	40.0000	
52 Phenanthrene	178	8.765	8.765	(1.003)	1497560	50.0000	50
53 Anthracene	178	8.812	8.812	(1.008)	1530469	50.0000	50
54 Carbazole	167	8.976	8.976	(1.027)	1223300	50.0000	50
55 Di-n-butylphthalate	149	9.352	9.352	(1.070)	1476802	50.0000	50
56 Fluoranthene	202	9.928	9.928	(1.136)	1412713	50.0000	50
58 Benzidine	184	10.069	10.069	(1.152)	299048	50.0000	50
57 Pyrene	202	10.145	10.145	(0.891)	1390002	50.0000	50
\$ 78 Terphenyl-d14	244	10.316	10.316	(0.906)	925974	50.0000	50
59 Butylbenzylphthalate	149	10.815	10.815	(0.950)	532526	50.0000	50
109 2,3,7,8-TCDD (Screen)	320	10.892	10.892	(0.957)	1029	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	11.362	11.362	(0.998)	360280	50.0000	50
61 Benzo(a)anthracene	228	11.373	11.373	(0.999)	1029843	50.0000	50
* 81 Chrysene-d12	240	11.385	11.385	(1.000)	696706	40.0000	
62 Chrysene	228	11.414	11.414	(1.003)	974472	50.0000	50
63 bis(2-Ethylhexyl)phthalate	149	11.461	11.461	(1.007)	725893	50.0000	50
64 Di-n-octylphthalate	149	12.243	12.243	(0.932)	1043109	50.0000	50
65 Benzo(b)fluoranthene	252	12.660	12.660	(0.963)	882212	50.0000	50
66 Benzo(k)fluoranthene	252	12.695	12.695	(0.966)	897487	50.0000	50
67 Benzo(a)pyrene	252	13.071	13.071	(0.995)	756097	50.0000	50
* 84 Perylene-d12	264	13.142	13.142	(1.000)	552846	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.517	14.517	(1.105)	670343	50.0000	50
69 Dibenz(a,h)anthracene	278	14.552	14.552	(1.107)	687597	50.0000	50
70 Benzo(g,h,i)perylene	276	14.852	14.852	(1.130)	705521	50.0000	50

QC Flag Legend

M - Compound response manually integrated.

Instrument: BNAMS10.i

Operator: BNAMS 4



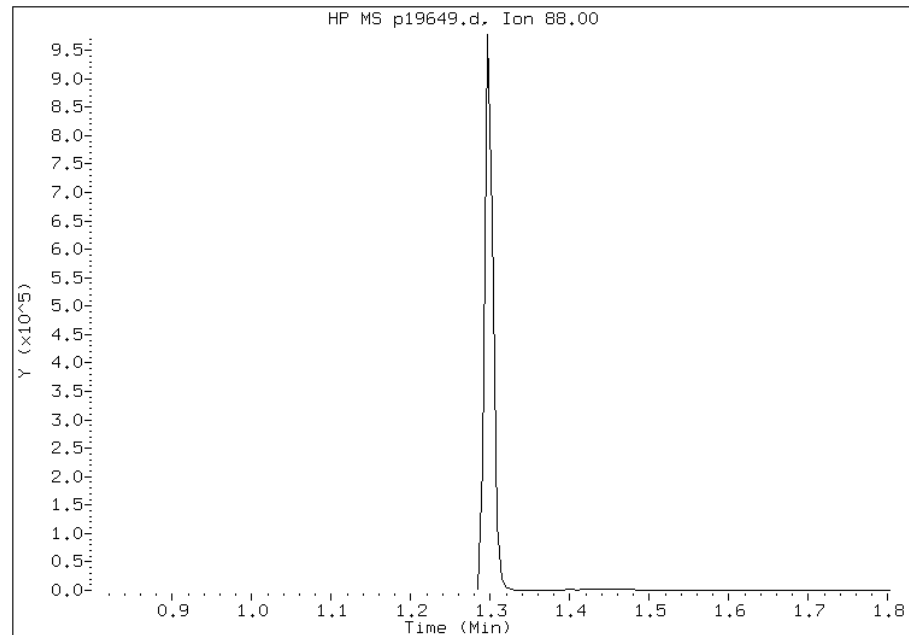
Manual Integration Report

Data File: p19649.d
Inj. Date and Time: 28-SEP-2011 00:31
Instrument ID: BNAMS10.i
Client ID:
Compound: 106 1,4-Dioxane
CAS #: 123-91-1
Report Date: 09/29/2011

Processing Integration Results

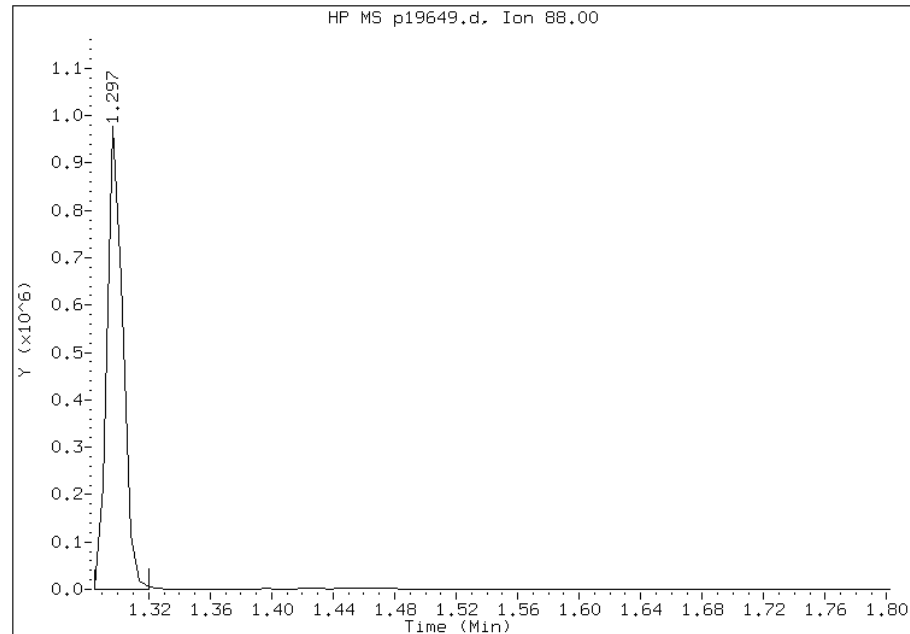
Not Detected

Expected RT: 1.30



Manual Integration Results

RT: 1.30
Response: 699369
Amount: 50
Conc: 50



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19650.d
 Report Date: 29-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19650.d
 Lab Smp Id: IC-1143620
 Inj Date : 28-SEP-2011 01:46
 Operator : BNAMS 4
 Smp Info : IC-1143620
 Misc Info : 120 ppm bna4587
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/8270Cdel_08.m
 Meth Date : 29-Sep-2011 14:51 monica
 Cal Date : 28-SEP-2011 00:31
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD

Cal File: p19649.d

Calibration Sample, Level: 5

Compound Sublist: all.sub

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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.344	1.344	(0.326)	1356113	120.000	120(H)	
19 N-Nitrosodimethylamine	74	1.614	1.614	(0.391)	1375263	120.000	120(H)	
71 Pyridine	79	1.632	1.632	(0.396)	2321872	120.000	110(H)	
\$ 16 2-Fluorophenol (SUR)	112	2.760	2.760	(0.669)	1543399	120.000	110	
110 Benzaldehyde	77	3.635	3.635	(0.882)	76119	120.000	11	
\$ 17 Phenol-d5 (SUR)	99	3.770	3.770	(0.914)	1829725	120.000	110	
1 Phenol	94	3.788	3.788	(0.919)	1918443	120.000	100	
73 Aniline	93	3.770	3.770	(0.914)	2238497	120.000	110	
20 bis(2-Chloroethyl)ether	93	3.864	3.864	(0.937)	1600379	120.000	120	
2 2-Chlorophenol	128	3.906	3.906	(0.947)	1461771	120.000	100	
113 n-decane	43	3.982	3.982	(0.966)	1547482	120.000	130(A)	
21 1,3-Dichlorobenzene	146	4.064	4.064	(0.986)	2187450	120.000	120	
* 79 1,4-Dichlorobenzene-d4	152	4.123	4.123	(1.000)	466724	40.0000		
22 1,4-Dichlorobenzene	146	4.146	4.146	(1.006)	2195576	120.000	120	
74 Benzyl Alcohol	108	4.299	4.299	(1.043)	930121	120.000	120	

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19650.d
 Report Date: 29-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.311	4.311	(1.046)	2038502	120.000	120
3 2-Methylphenol	108	4.446	4.446	(1.078)	1264373	120.000	110
24 bis (2-chloroisopropyl) ether	45	4.452	4.452	(1.080)	1246004	120.000	120
104 Acetophenone	105	4.593	4.593	(1.114)	2071629	120.000	110
4 4-Methylphenol	108	4.622	4.622	(1.121)	1432080	120.000	110
121 3 & 4 Methylphenol	108	4.622	4.622	(1.121)	1432080	120.000	110
25 N-Nitroso-di-n-propylamine	70	4.611	4.611	(1.118)	844476	120.000	95
26 Hexachloroethane	117	4.675	4.675	(1.134)	816604	120.000	120(A)
\$ 76 Nitrobenzene-d5 (SUR)	82	4.746	4.746	(0.864)	1723478	120.000	120
107 N,N-Dimethylaniline	120	4.775	4.775	(1.158)	2271326	120.000	120(A)
27 Nitrobenzene	77	4.769	4.769	(0.868)	2390040	120.000	120
28 Isophorone	82	5.028	5.028	(0.915)	2376731	120.000	110
5 2-Nitrophenol	139	5.104	5.104	(0.929)	786508	120.000	120
6 2,4-Dimethylphenol	122	5.186	5.186	(0.944)	1146423	120.000	110
29 bis(2-Chloroethoxy)methane	93	5.275	5.275	(0.960)	1447274	120.000	120
7 2,4-Dichlorophenol	162	5.369	5.369	(0.978)	1096072	120.000	110
30 1,2,4-Trichlorobenzene	180	5.445	5.445	(0.991)	1509430	120.000	120
* 80 Naphthalene-d8	136	5.492	5.492	(1.000)	1300047	40.0000	
31 Naphthalene	128	5.521	5.521	(1.005)	3709807	120.000	110
32 4-Chloroaniline	127	5.592	5.592	(1.018)	1303782	120.000	110
33 Hexachlorobutadiene	225	5.668	5.668	(1.032)	1013123	120.000	120(A)
111 Caprolactam	113	6.009	6.009	(1.094)	284698	120.000	120(A)
8 4-Chloro-3-methylphenol	107	6.132	6.132	(1.117)	962345	120.000	110
34 2-Methylnaphthalene	142	6.238	6.238	(1.136)	2464840	120.000	110
120 1-Methylnaphthalene	142	6.338	6.338	(1.154)	2487013	120.000	110
35 Hexachlorocyclopentadiene	237	6.414	6.414	(0.881)	895494	120.000	130(A)
9 2,4,6-Trichlorophenol	196	6.544	6.544	(0.898)	743271	120.000	120
10 2,4,5-Trichlorophenol	196	6.585	6.585	(0.904)	731817	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	6.626	6.626	(0.910)	2598678	120.000	120
102 Diphenyl	154	6.726	6.726	(0.923)	2768121	120.000	120
36 2-Chloronaphthalene	162	6.732	6.732	(0.924)	2291448	120.000	120(A)
103 Diphenyl Ether	170	6.832	6.832	(0.938)	1640610	120.000	120(A)
37 2-Nitroaniline	65	6.849	6.849	(0.940)	606094	120.000	100
38 Dimethylphthalate	163	7.049	7.049	(0.968)	2066736	120.000	120
114 Coumarin	146	7.049	7.049	(1.284)	673363	120.000	110
40 2,6-Dinitrotoluene	165	7.102	7.102	(0.975)	476168	120.000	120(A)
39 Acenaphthylene	152	7.143	7.143	(0.981)	2879942	120.000	110
41 3-Nitroaniline	138	7.266	7.266	(0.998)	455235	120.000	120
* 82 Acenaphthene-d10	164	7.284	7.284	(1.000)	622870	40.0000	
42 Acenaphthene	154	7.319	7.319	(1.005)	1928177	120.000	120
11 2,4-Dinitrophenol	184	7.372	7.372	(1.012)	277897	120.000	140(A)
12 4-Nitrophenol	65	7.460	7.460	(1.024)	369155	120.000	120(A)
44 2,4-Dinitrotoluene	165	7.501	7.501	(1.030)	618526	120.000	130(A)
43 Dibenzofuran	168	7.496	7.496	(1.029)	2689331	120.000	120
45 Diethylphthalate	149	7.754	7.754	(1.065)	1854004	120.000	120
46 4-Chlorophenyl-phenylether	204	7.842	7.842	(1.077)	1188341	120.000	120(A)
47 Fluorene	166	7.830	7.830	(1.075)	2226553	120.000	120

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19650.d
 Report Date: 29-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.872	7.872	(1.081)	384677	120.000	110
13 4,6-Dinitro-2-methylphenol	198	7.907	7.907	(0.905)	336709	120.000	130(A)
49 N-Nitrosodiphenylamine	169	7.966	7.966	(0.911)	1390943	120.000	120
75 1,2-Diphenylhydrazine	77	8.001	8.001	(0.915)	2475908	120.000	120(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.071	8.071	(1.108)	324578	120.000	130(A)
50 4-Bromophenyl-phenylether	248	8.318	8.318	(0.952)	634325	120.000	130(A)
51 Hexachlorobenzene	284	8.377	8.377	(0.958)	619980	120.000	120(A)
112 Atrazine	200	8.506	8.506	(0.973)	521085	120.000	120(A)
14 Pentachlorophenol	266	8.577	8.577	(0.981)	345219	120.000	140(A)
* 83 Phenanthrene-d10	188	8.741	8.741	(1.000)	771301	40.0000	
52 Phenanthrene	178	8.771	8.771	(1.003)	2499907	120.000	120
53 Anthracene	178	8.818	8.818	(1.009)	2528465	120.000	120
54 Carbazole	167	8.988	8.988	(1.028)	2108396	120.000	120(A)
55 Di-n-butylphthalate	149	9.358	9.358	(1.071)	2593090	120.000	120(A)
56 Fluoranthene	202	9.934	9.934	(1.136)	2467062	120.000	120(A)
58 Benzidine	184	10.069	10.069	(1.152)	237824	120.000	85
57 Pyrene	202	10.151	10.151	(0.891)	2471311	120.000	100
\$ 78 Terphenyl-d14	244	10.322	10.322	(0.906)	1754216	120.000	110
59 Butylbenzylphthalate	149	10.821	10.821	(0.950)	1094514	120.000	110
60 3,3'-Dichlorobenzidine	252	11.368	11.368	(0.998)	715679	120.000	110(A)
61 Benzo(a)anthracene	228	11.379	11.379	(0.999)	2216104	120.000	110
* 81 Chrysene-d12	240	11.391	11.391	(1.000)	651229	40.0000	
62 Chrysene	228	11.426	11.426	(1.003)	2017682	120.000	110
63 bis(2-Ethylhexyl)phthalate	149	11.462	11.462	(1.006)	1498478	120.000	110
64 Di-n-octylphthalate	149	12.249	12.249	(0.932)	2316576	120.000	120
65 Benzo(b)fluoranthene	252	12.672	12.672	(0.964)	1993703	120.000	120(A)
66 Benzo(k)fluoranthene	252	12.713	12.713	(0.967)	2049446	120.000	120
67 Benzo(a)pyrene	252	13.083	13.083	(0.995)	1707107	120.000	120
* 84 Perylene-d12	264	13.148	13.148	(1.000)	530350	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.534	14.534	(1.105)	1723708	120.000	130(A)
69 Dibenz(a,h)anthracene	278	14.570	14.570	(1.108)	1666223	120.000	130(A)
70 Benzo(g,h,i)perylene	276	14.881	14.881	(1.132)	1704704	120.000	120(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- H - Operator selected an alternate compound hit.

Data File: p19650.d

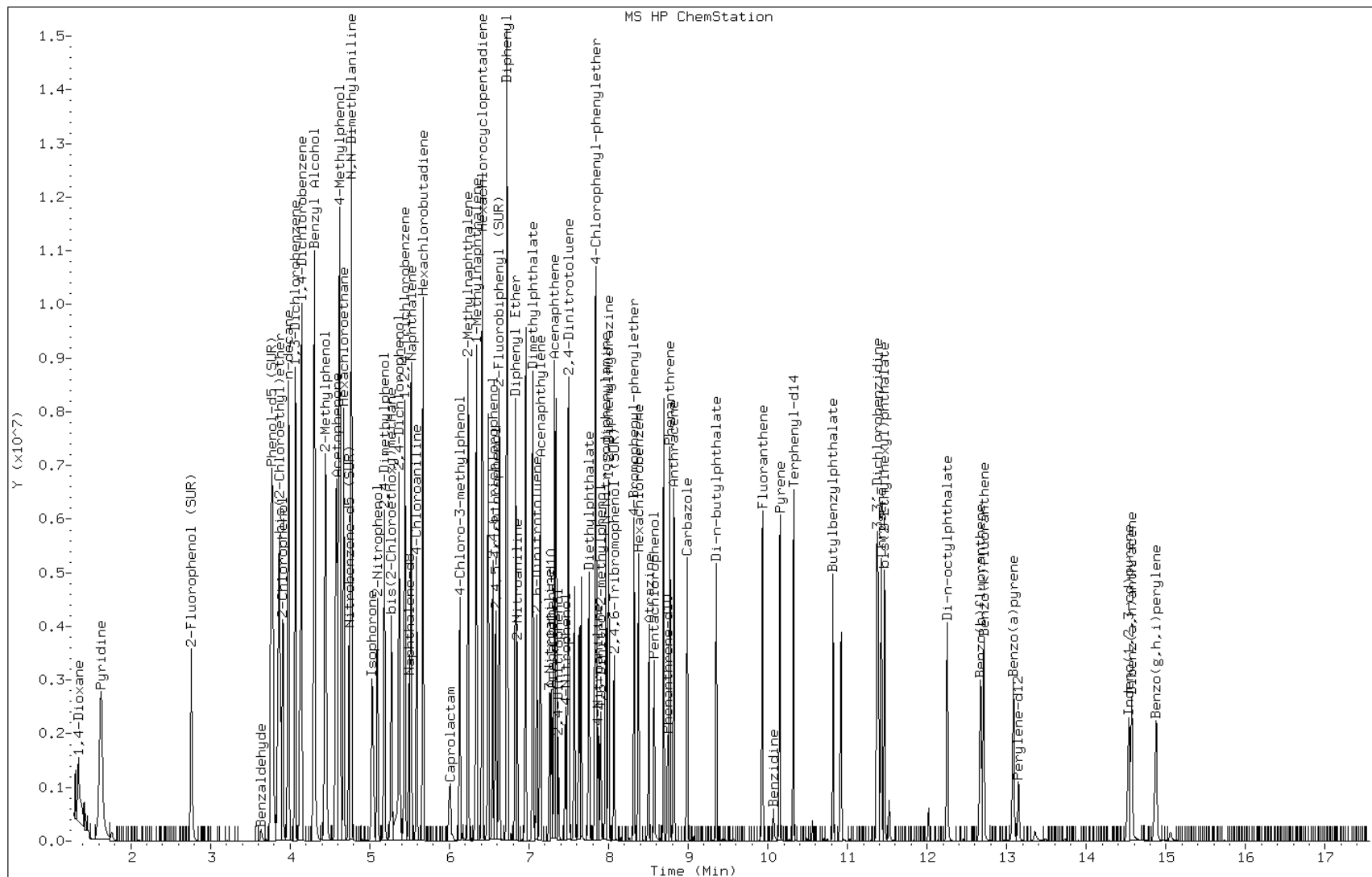
Date: 28-SEP-2011 01:46

Client ID:

Instrument: BNAMS10.i

Sample Info: IC-1143620

Operator: BNAMS 4



Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19651.d
 Report Date: 29-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19651.d
 Lab Smp Id: IC-1143607
 Inj Date : 28-SEP-2011 02:12
 Operator : BNAMS 4
 Smp Info : IC-1143607
 Misc Info : 5 ppm bna4587
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/8270Cdel_08.m
 Meth Date : 29-Sep-2011 14:51 monica
 Cal Date : 28-SEP-2011 00:31
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD
 Cal File: p19649.d
 Calibration Sample, Level: 1
 Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.309	1.309	(0.319)	67265	5.00000	4.9(a)
19 N-Nitrosodimethylamine		74	1.526	1.526	(0.372)	69735	5.00000	4.9(a)
71 Pyridine		79	1.550	1.550	(0.377)	125049	5.00000	5.2
\$ 16 2-Fluorophenol (SUR)		112	2.713	2.713	(0.661)	92039	5.00000	5.4(H)
110 Benzaldehyde		77	3.606	3.606	(0.878)	68731	5.00000	8.6
\$ 17 Phenol-d5 (SUR)		99	3.723	3.723	(0.907)	109626	5.00000	5.4
1 Phenol		94	3.735	3.735	(0.910)	128880	5.00000	5.8
73 Aniline		93	3.735	3.735	(0.910)	128737	5.00000	5.3
20 bis(2-Chloroethyl)ether		93	3.823	3.823	(0.931)	8151	0.50000	0.50(H)
2 2-Chlorophenol		128	3.870	3.870	(0.943)	96343	5.00000	5.7
113 n-decane		43	3.964	3.964	(0.966)	67015	5.00000	4.7(a)
21 1,3-Dichlorobenzene		146	4.041	4.041	(0.984)	108845	5.00000	5.0
* 79 1,4-Dichlorobenzene-d4		152	4.105	4.105	(1.000)	554990	40.0000	
22 1,4-Dichlorobenzene		146	4.123	4.123	(1.004)	113470	5.00000	5.1
74 Benzyl Alcohol		108	4.270	4.270	(1.040)	50105	5.00000	5.3

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19651.d
 Report Date: 29-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.293	4.293	(1.046)	100673	5.00000	5.0
3 2-Methylphenol	108	4.417	4.417	(1.076)	79567	5.00000	5.6
24 bis (2-chloroisopropyl) ether	45	4.434	4.434	(1.080)	65043	5.00000	5.1
104 Acetophenone	105	4.558	4.558	(1.110)	119894	5.00000	5.4(H)
4 4-Methylphenol	108	4.587	4.587	(1.117)	89928	5.00000	5.7
121 3 & 4 Methylphenol	108	4.587	4.587	(1.117)	89928	5.00000	5.7
25 N-Nitroso-di-n-propylamine	70	4.575	4.575	(1.114)	5770	0.50000	0.54
26 Hexachloroethane	117	4.664	4.664	(1.136)	3881	0.50000	0.48(a)
\$ 76 Nitrobenzene-d5 (SUR)	82	4.716	4.716	(0.860)	95762	5.00000	5.0
107 N,N-Dimethylaniline	120	4.752	4.752	(1.157)	9321	0.50000	0.43(a)
27 Nitrobenzene	77	4.740	4.740	(0.864)	13758	0.50000	0.52
28 Isophorone	82	4.998	4.998	(0.911)	149667	5.00000	5.3(H)
5 2-Nitrophenol	139	5.087	5.087	(0.927)	41901	5.00000	4.9(a)
6 2,4-Dimethylphenol	122	5.163	5.163	(0.941)	72719	5.00000	5.4
29 bis(2-Chloroethoxy)methane	93	5.257	5.257	(0.958)	83910	5.00000	5.2
7 2,4-Dichlorophenol	162	5.351	5.351	(0.975)	71473	5.00000	5.5
30 1,2,4-Trichlorobenzene	180	5.433	5.433	(0.990)	8745	0.50000	0.52
* 80 Naphthalene-d8	136	5.486	5.486	(1.000)	1682127	40.0000	
31 Naphthalene	128	5.504	5.504	(1.003)	224977	5.00000	5.2
32 4-Chloroaniline	127	5.580	5.580	(1.017)	79144	5.00000	5.2
33 Hexachlorobutadiene	225	5.662	5.662	(1.032)	9798	1.00000	0.94(a)
111 Caprolactam	113	5.909	5.909	(1.077)	13862	5.00000	4.6(a)
8 4-Chloro-3-methylphenol	107	6.109	6.109	(1.114)	67165	5.00000	5.9
34 2-Methylnaphthalene	142	6.226	6.226	(1.135)	144850	5.00000	5.2
120 1-Methylnaphthalene	142	6.326	6.326	(1.153)	145728	5.00000	5.2(a)
35 Hexachlorocyclopentadiene	237	6.409	6.409	(0.881)	44700	5.00000	4.4(a)
9 2,4,6-Trichlorophenol	196	6.532	6.532	(0.897)	47226	5.00000	5.3
10 2,4,5-Trichlorophenol	196	6.567	6.567	(0.902)	48257	5.00000	5.4
\$ 77 2-Fluorobiphenyl (SUR)	172	6.614	6.614	(0.909)	158039	5.00000	5.0
102 Diphenyl	154	6.708	6.708	(0.922)	171212	5.00000	5.1
36 2-Chloronaphthalene	162	6.720	6.720	(0.923)	132383	5.00000	4.9(a)
103 Diphenyl Ether	170	6.820	6.820	(0.937)	94025	5.00000	4.9(a)
37 2-Nitroaniline	65	6.832	6.832	(0.939)	84748	10.0000	9.9(a)
38 Dimethylphthalate	163	7.031	7.031	(0.966)	122707	5.00000	4.9(a)
114 Coumarin	146	7.031	7.031	(1.282)	38057	5.00000	5.0
40 2,6-Dinitrotoluene	165	7.084	7.084	(0.973)	5166	1.00000	0.92(a)
39 Acenaphthylene	152	7.131	7.131	(0.980)	196844	5.00000	5.3
41 3-Nitroaniline	138	7.243	7.243	(0.995)	52943	10.0000	9.7(aH)
* 82 Acenaphthene-d10	164	7.278	7.278	(1.000)	889223	40.0000	
42 Acenaphthene	154	7.308	7.308	(1.004)	114652	5.00000	5.0
11 2,4-Dinitrophenol	184	7.349	7.349	(1.010)	28330	15.0000	10(a)
12 4-Nitrophenol	65	7.437	7.437	(1.022)	62096	15.0000	15
44 2,4-Dinitrotoluene	165	7.484	7.484	(1.028)	5963	1.00000	0.85(aM)
43 Dibenzofuran	168	7.478	7.478	(1.027)	165769	5.00000	5.0
45 Diethylphthalate	149	7.737	7.737	(1.063)	110046	5.00000	4.9(a)
46 4-Chlorophenyl-phenylether	204	7.830	7.830	(1.076)	66742	5.00000	4.8(a)
47 Fluorene	166	7.819	7.819	(1.074)	130292	5.00000	4.9(a)

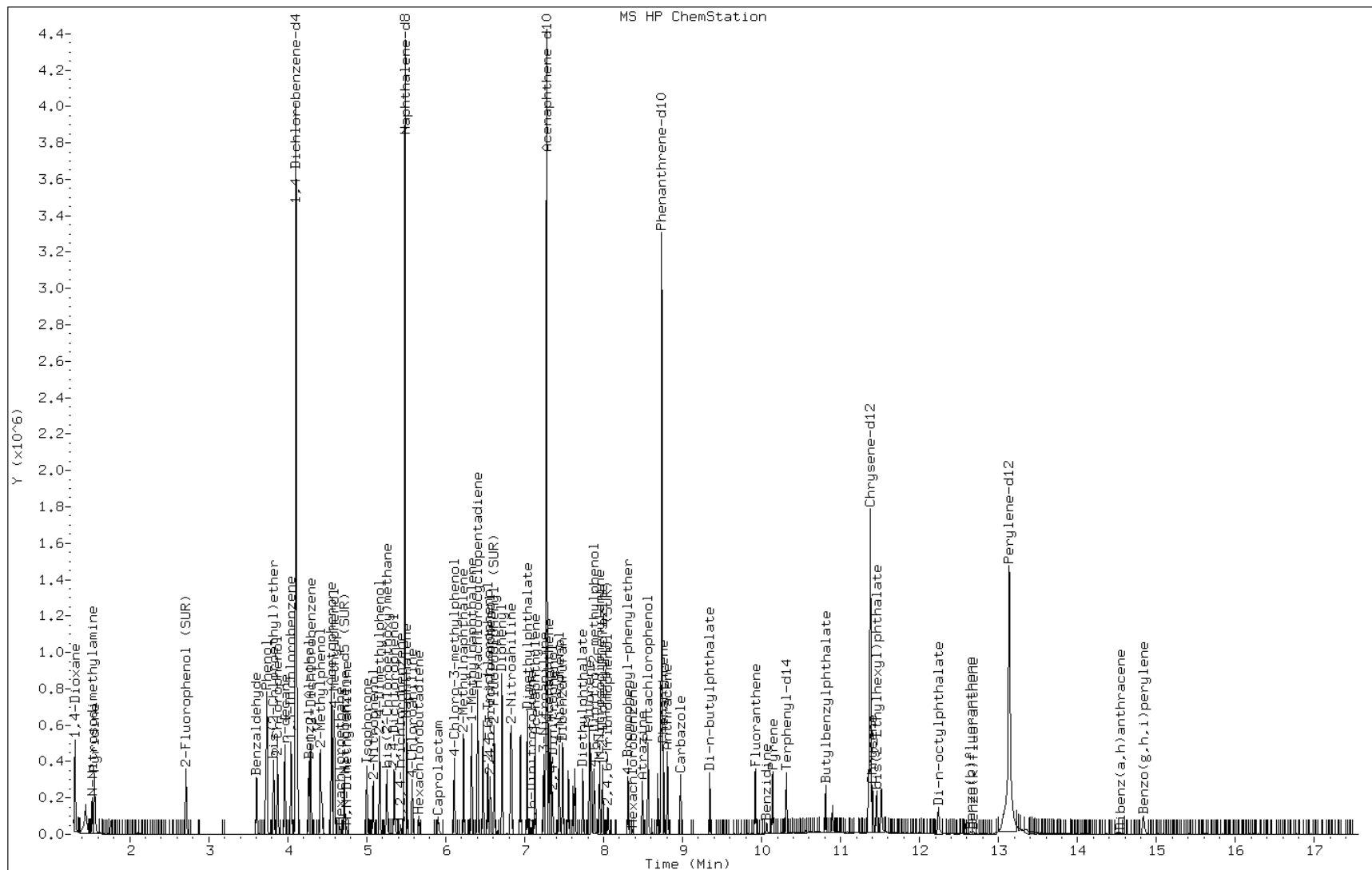
Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19651.d
 Report Date: 29-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.842	7.842	(1.077)	49334	10.0000	10
13 4,6-Dinitro-2-methylphenol	198	7.883	7.883	(0.902)	46774	15.0000	12(a)
49 N-Nitrosodiphenylamine	169	7.948	7.948	(0.910)	87559	5.00000	5.1
75 1,2-Diphenylhydrazine	77	7.983	7.983	(0.914)	129159	5.00000	4.4(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.060	8.060	(1.107)	16748	5.00000	4.8(a)
50 4-Bromophenyl-phenylether	248	8.312	8.312	(0.952)	32884	5.00000	4.5(a)
51 Hexachlorobenzene	284	8.365	8.365	(0.958)	3714	0.50000	0.50
112 Atrazine	200	8.489	8.489	(0.972)	30286	5.00000	4.9(a)
14 Pentachlorophenol	266	8.565	8.565	(0.980)	50977	15.0000	14(a)
* 83 Phenanthrene-d10	188	8.735	8.735	(1.000)	1123317	40.0000	
52 Phenanthrene	178	8.759	8.759	(1.003)	156307	5.00000	5.1
53 Anthracene	178	8.806	8.806	(1.008)	154715	5.00000	5.0
54 Carbazole	167	8.970	8.970	(1.027)	129120	5.00000	5.1
55 Di-n-butylphthalate	149	9.346	9.346	(1.070)	144162	5.00000	4.8(a)
56 Fluoranthene	202	9.922	9.922	(1.136)	141822	5.00000	4.9(a)
58 Benzidine	184	10.063	10.063	(1.152)	32182	10.0000	7.9(a)
57 Pyrene	202	10.140	10.140	(0.891)	138930	5.00000	5.5
\$ 78 Terphenyl-d14	244	10.310	10.310	(0.906)	90837	5.00000	5.3
59 Butylbenzylphthalate	149	10.809	10.809	(0.950)	52416	5.00000	5.2
60 3,3'-Dichlorobenzidine	252	11.356	11.356	(0.998)	70395	10.0000	10
61 Benzo(a)anthracene	228	11.368	11.368	(0.999)	10453	0.50000	0.52
* 81 Chrysene-d12	240	11.379	11.379	(1.000)	669060	40.0000	
62 Chrysene	228	11.403	11.403	(1.002)	91887	5.00000	5.1
63 bis(2-Ethylhexyl)phthalate	149	11.456	11.456	(1.007)	67292	5.00000	5.0
64 Di-n-octylphthalate	149	12.237	12.237	(0.931)	100756	5.00000	4.8(a)
65 Benzo(b)fluoranthene	252	12.648	12.648	(0.962)	7892	0.50000	0.46(aH)
66 Benzo(k)fluoranthene	252	12.678	12.678	(0.965)	9582	0.50000	0.51
67 Benzo(a)pyrene	252	13.066	13.066	(0.994)	8349	0.50000	0.52
* 84 Perylene-d12	264	13.142	13.142	(1.000)	571686	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.505	14.505	(1.104)	6084	0.50000	0.44(aH)
69 Dibenz(a,h)anthracene	278	14.540	14.540	(1.106)	6106	0.50000	0.44(a)
70 Benzo(g,h,i)perylene	276	14.834	14.834	(1.129)	71945	5.00000	4.9(a)

QC Flag Legend

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

Operator: BNAMS 4



Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19652.d
 Report Date: 29-Sep-2011 14:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19652.d
 Lab Smp Id: IC-1143619
 Inj Date : 28-SEP-2011 02:38
 Operator : BNAMS 4
 Smp Info : IC-1143619
 Misc Info : 80 ppm bna4587
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/8270Cdel_08.m
 Meth Date : 29-Sep-2011 14:54 monica
 Cal Date : 28-SEP-2011 00:31
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD

Cal File: p19649.d

Calibration Sample, Level: 4

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.326	1.326 (0.322)		983674	80.0000	78
19 N-Nitrosodimethylamine		74	1.555	1.555 (0.378)		978161	80.0000	76
71 Pyridine		79	1.573	1.573 (0.382)		1664405	80.0000	74
\$ 16 2-Fluorophenol (SUR)		112	2.736	2.736 (0.665)		1084310	80.0000	69
110 Benzaldehyde		77	3.624	3.624 (0.880)		220037	80.0000	35
\$ 17 Phenol-d5 (SUR)		99	3.759	3.759 (0.913)		1203219	80.0000	66
1 Phenol		94	3.776	3.776 (0.917)		1315747	80.0000	67
73 Aniline		93	3.759	3.759 (0.913)		1556638	80.0000	71
20 bis(2-Chloroethyl)ether		93	3.847	3.847 (0.934)		1123802	80.0000	76
2 2-Chlorophenol		128	3.894	3.894 (0.946)		1042184	80.0000	69
113 n-decane		43	3.982	3.982 (0.967)		1113726	80.0000	84
21 1,3-Dichlorobenzene		146	4.058	4.058 (0.986)		1584476	80.0000	79
* 79 1,4-Dichlorobenzene-d4		152	4.117	4.117 (1.000)		511497	40.0000	
22 1,4-Dichlorobenzene		146	4.141	4.141 (1.006)		1594028	80.0000	79
74 Benzyl Alcohol		108	4.293	4.293 (1.043)		616605	80.0000	73

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19652.d
 Report Date: 29-Sep-2011 14:54

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.305	4.305	(1.046)	1441660	80.0000	78
3 2-Methylphenol	108	4.440	4.440	(1.078)	828769	80.0000	67
24 bis (2-chloroisopropyl) ether	45	4.446	4.446	(1.080)	857486	80.0000	75
104 Acetophenone	105	4.581	4.581	(1.113)	1376247	80.0000	70
4 4-Methylphenol	108	4.611	4.611	(1.120)	944315	80.0000	68
121 3 & 4 Methylphenol	108	4.611	4.611	(1.120)	944315	80.0000	68
25 N-Nitroso-di-n-propylamine	70	4.599	4.599	(1.117)	682150	80.0000	72
26 Hexachloroethane	117	4.669	4.669	(1.134)	599682	80.0000	80
\$ 76 Nitrobenzene-d5 (SUR)	82	4.734	4.734	(0.862)	1193823	80.0000	79
107 N,N-Dimethylaniline	120	4.763	4.763	(1.157)	1557043	80.0000	77
27 Nitrobenzene	77	4.758	4.758	(0.866)	1647765	80.0000	78
28 Isophorone	82	5.016	5.016	(0.913)	1545051	80.0000	72
5 2-Nitrophenol	139	5.098	5.098	(0.928)	522703	80.0000	79
6 2,4-Dimethylphenol	122	5.175	5.175	(0.942)	726703	80.0000	71
29 bis(2-Chloroethoxy)methane	93	5.269	5.269	(0.959)	962748	80.0000	77
7 2,4-Dichlorophenol	162	5.363	5.363	(0.976)	715188	80.0000	72
30 1,2,4-Trichlorobenzene	180	5.439	5.439	(0.990)	1052902	80.0000	80
* 80 Naphthalene-d8	136	5.492	5.492	(1.000)	1324646	40.0000	
31 Naphthalene	128	5.516	5.516	(1.004)	2634322	80.0000	78
32 4-Chloroaniline	127	5.586	5.586	(1.017)	869309	80.0000	74
33 Hexachlorobutadiene	225	5.668	5.668	(1.032)	703065	80.0000	84
111 Caprolactam	113	5.980	5.980	(1.089)	175663	80.0000	77
8 4-Chloro-3-methylphenol	107	6.127	6.127	(1.116)	619880	80.0000	72
34 2-Methylnaphthalene	142	6.238	6.238	(1.136)	1645925	80.0000	76
120 1-Methylnaphthalene	142	6.332	6.332	(1.153)	1653485	80.0000	76
35 Hexachlorocyclopentadiene	237	6.415	6.415	(0.881)	597679	80.0000	85
9 2,4,6-Trichlorophenol	196	6.538	6.538	(0.898)	460686	80.0000	77
10 2,4,5-Trichlorophenol	196	6.579	6.579	(0.903)	461719	80.0000	77
\$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.620	(0.909)	1714829	80.0000	79
102 Diphenyl	154	6.720	6.720	(0.923)	1856551	80.0000	80
36 2-Chloronaphthalene	162	6.726	6.726	(0.923)	1494713	80.0000	81
103 Diphenyl Ether	170	6.826	6.826	(0.937)	1046871	80.0000	80
37 2-Nitroaniline	65	6.843	6.843	(0.940)	520824	80.0000	86
38 Dimethylphthalate	163	7.043	7.043	(0.967)	1345544	80.0000	81
114 Coumarin	146	7.043	7.043	(1.282)	445734	80.0000	77
40 2,6-Dinitrotoluene	165	7.096	7.096	(0.974)	313118	80.0000	83
39 Acenaphthylene	152	7.137	7.137	(0.980)	1920000	80.0000	77
41 3-Nitroaniline	138	7.255	7.255	(0.996)	315960	80.0000	85
* 82 Acenaphthene-d10	164	7.284	7.284	(1.000)	603946	40.0000	
42 Acenaphthene	154	7.313	7.313	(1.004)	1250423	80.0000	80
11 2,4-Dinitrophenol	184	7.366	7.366	(1.011)	189795	80.0000	97
12 4-Nitrophenol	65	7.455	7.455	(1.023)	269012	80.0000	92
44 2,4-Dinitrotoluene	165	7.496	7.496	(1.029)	422215	80.0000	88
43 Dibenzofuran	168	7.490	7.490	(1.028)	1804178	80.0000	80
45 Diethylphthalate	149	7.748	7.748	(1.064)	1256182	80.0000	84
46 4-Chlorophenyl-phenylether	204	7.836	7.836	(1.076)	763169	80.0000	82
47 Fluorene	166	7.825	7.825	(1.074)	1467532	80.0000	82

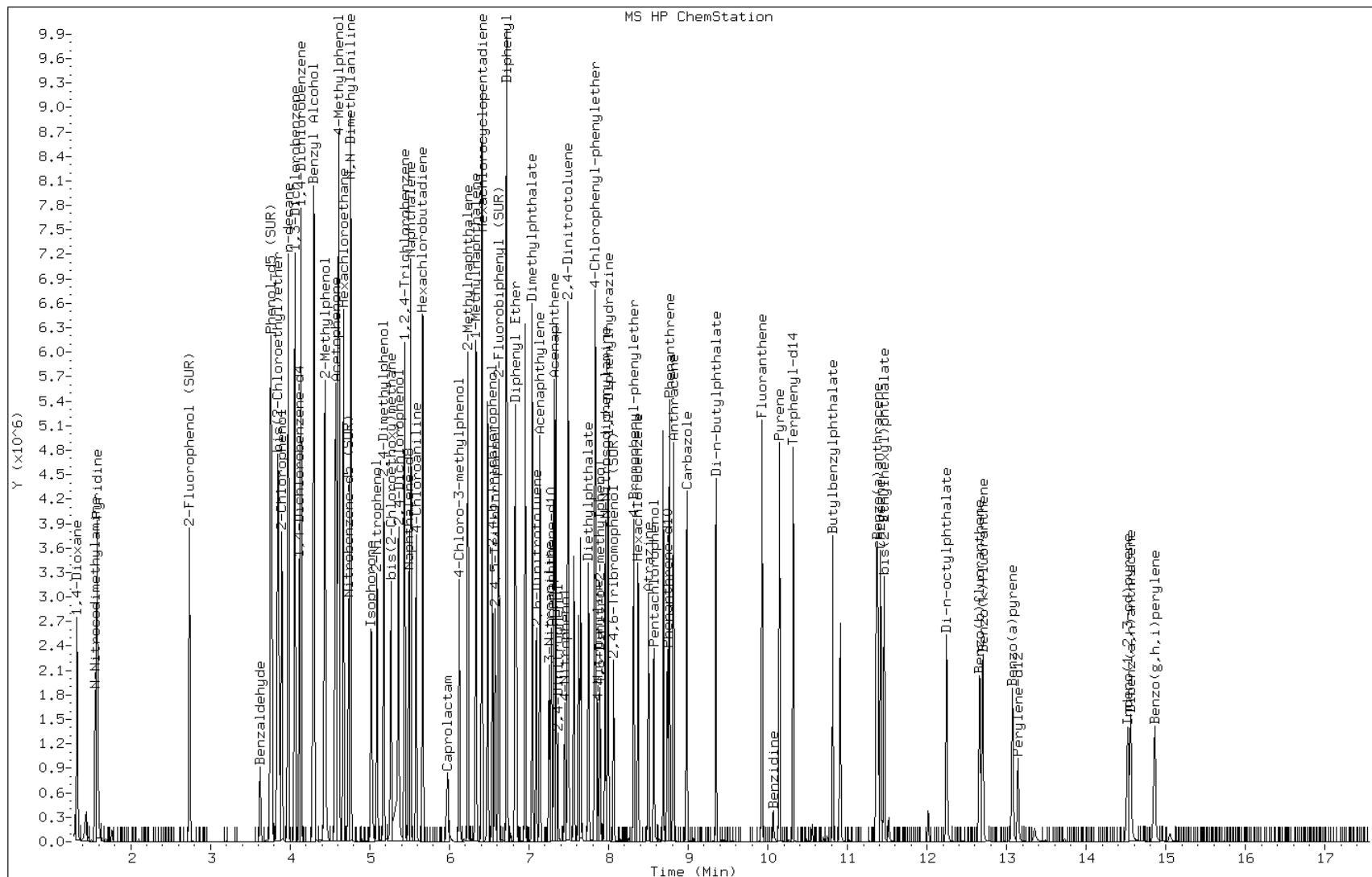
Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19652.d
 Report Date: 29-Sep-2011 14:54

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.866	7.866	(1.080)	284606	80.0000	87
13 4,6-Dinitro-2-methylphenol	198	7.895	7.895	(0.903)	244445	80.0000	85
49 N-Nitrosodiphenylamine	169	7.960	7.960	(0.911)	938435	80.0000	76
75 1,2-Diphenylhydrazine	77	7.995	7.995	(0.915)	1656377	80.0000	76
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.066	8.066	(1.107)	208084	80.0000	86
50 4-Bromophenyl-phenylether	248	8.312	8.312	(0.951)	408603	80.0000	77
51 Hexachlorobenzene	284	8.377	8.377	(0.958)	419655	80.0000	77
112 Atrazine	200	8.500	8.500	(0.972)	370136	80.0000	80
14 Pentachlorophenol	266	8.571	8.571	(0.980)	243148	80.0000	86
* 83 Phenanthrene-d10	188	8.741	8.741	(1.000)	846590	40.0000	
52 Phenanthrene	178	8.765	8.765	(1.003)	1828775	80.0000	79
53 Anthracene	178	8.812	8.812	(1.008)	1877226	80.0000	80
54 Carbazole	167	8.982	8.982	(1.028)	1604604	80.0000	83
55 Di-n-butylphthalate	149	9.352	9.352	(1.070)	1928782	80.0000	84
56 Fluoranthene	202	9.928	9.928	(1.136)	1895836	80.0000	84
58 Benzidine	184	10.069	10.069	(1.152)	156800	80.0000	45
57 Pyrene	202	10.146	10.146	(0.891)	1853611	80.0000	83
\$ 78 Terphenyl-d14	244	10.316	10.316	(0.906)	1304498	80.0000	85
59 Butylbenzylphthalate	149	10.815	10.815	(0.950)	750277	80.0000	83
60 3,3'-Dichlorobenzidine	252	11.362	11.362	(0.998)	445488	80.0000	74
61 Benzo(a)anthracene	228	11.374	11.374	(0.999)	1399962	80.0000	78
* 81 Chrysene-d12	240	11.385	11.385	(1.000)	616665	40.0000	
62 Chrysene	228	11.415	11.415	(1.003)	1349829	80.0000	80
63 bis(2-Ethylhexyl)phthalate	149	11.456	11.456	(1.006)	995605	80.0000	82
64 Di-n-octylphthalate	149	12.243	12.243	(0.932)	1460591	80.0000	81
65 Benzo(b)fluoranthene	252	12.660	12.660	(0.963)	1201668	80.0000	80
66 Benzo(k)fluoranthene	252	12.701	12.701	(0.966)	1314614	80.0000	82(H)
67 Benzo(a)pyrene	252	13.072	13.072	(0.995)	1043442	80.0000	78
* 84 Perylene-d12	264	13.142	13.142	(1.000)	493211	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.523	14.523	(1.105)	963782	80.0000	82
69 Dibenz(a,h)anthracene	278	14.558	14.558	(1.108)	969212	80.0000	81
70 Benzo(g,h,i)perylene	276	14.858	14.858	(1.131)	997352	80.0000	79

QC Flag Legend

H - Operator selected an alternate compound hit.

Operator: BNAMS 4



Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19653.d
 Report Date: 29-Sep-2011 14:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19653.d
 Lab Smp Id: IC-1143617
 Inj Date : 28-SEP-2011 03:04
 Operator : BNAMS 4
 Smp Info : IC-1143617
 Misc Info : 20 ppm bna4587
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/8270Cdel_08.m
 Meth Date : 29-Sep-2011 14:54 monica
 Cal Date : 28-SEP-2011 00:31
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD

Cal File: p19649.d

Calibration Sample, Level: 2

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.303	1.303	(0.317)	246938	20.0000	20(M)
19 N-Nitrosodimethylamine		74	1.520	1.520	(0.370)	252253	20.0000	20
71 Pyridine		79	1.543	1.543	(0.375)	460227	20.0000	21
\$ 16 2-Fluorophenol (SUR)		112	2.713	2.713	(0.660)	348790	20.0000	23
110 Benzaldehyde		77	3.612	3.612	(0.879)	119357	20.0000	20
\$ 17 Phenol-d5 (SUR)		99	3.729	3.729	(0.907)	380253	20.0000	22(H)
1 Phenol		94	3.741	3.741	(0.910)	394037	20.0000	21
73 Aniline		93	3.741	3.741	(0.910)	432908	20.0000	20
20 bis(2-Chloroethyl)ether		93	3.823	3.823	(0.930)	279154	20.0000	20
2 2-Chlorophenol		128	3.876	3.876	(0.943)	303081	20.0000	21
113 n-decane		43	3.964	3.964	(0.964)	252158	20.0000	20
21 1,3-Dichlorobenzene		146	4.046	4.046	(0.984)	383762	20.0000	20
* 79 1,4-Dichlorobenzene-d4		152	4.111	4.111	(1.000)	492154	40.0000	
22 1,4-Dichlorobenzene		146	4.129	4.129	(1.004)	382780	20.0000	20
74 Benzyl Alcohol		108	4.276	4.276	(1.040)	167320	20.0000	20

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19653.d
 Report Date: 29-Sep-2011 14:55

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	4.293	4.293	(1.044)	350753	20.0000	20
3 2-Methylphenol	108	4.417	4.417	(1.074)	241904	20.0000	20
24 bis (2-chloroisopropyl) ether	45	4.434	4.434	(1.079)	214825	20.0000	20
104 Acetophenone	105	4.563	4.563	(1.110)	372814	20.0000	20
4 4-Methylphenol	108	4.593	4.593	(1.117)	263372	20.0000	20
121 3 & 4 Methylphenol	108	4.593	4.593	(1.117)	263372	20.0000	20
25 N-Nitroso-di-n-propylamine	70	4.575	4.575	(1.113)	188004	20.0000	20
26 Hexachloroethane	117	4.663	4.663	(1.134)	146012	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.716	4.716	(0.860)	321941	20.0000	21
107 N,N-Dimethylaniline	120	4.752	4.752	(1.156)	402244	20.0000	21
27 Nitrobenzene	77	4.740	4.740	(0.864)	439357	20.0000	20
28 Isophorone	82	5.004	5.004	(0.912)	433452	20.0000	20
5 2-Nitrophenol	139	5.086	5.086	(0.927)	134676	20.0000	20
6 2,4-Dimethylphenol	122	5.163	5.163	(0.941)	213663	20.0000	20
29 bis(2-Chloroethoxy)methane	93	5.263	5.263	(0.959)	246606	20.0000	19
7 2,4-Dichlorophenol	162	5.351	5.351	(0.975)	209708	20.0000	20
30 1,2,4-Trichlorobenzene	180	5.433	5.433	(0.990)	267064	20.0000	20
* 80 Naphthalene-d8	136	5.486	5.486	(1.000)	1368119	40.0000	
31 Naphthalene	128	5.504	5.504	(1.003)	698011	20.0000	20
32 4-Chloroaniline	127	5.580	5.580	(1.017)	238553	20.0000	20
33 Hexachlorobutadiene	225	5.662	5.662	(1.032)	171385	20.0000	20
111 Caprolactam	113	5.927	5.927	(1.080)	43291	20.0000	18(H)
8 4-Chloro-3-methylphenol	107	6.115	6.115	(1.115)	172893	20.0000	19
34 2-Methylnaphthalene	142	6.232	6.232	(1.136)	423547	20.0000	19
120 1-Methylnaphthalene	142	6.326	6.326	(1.153)	442696	20.0000	20
35 Hexachlorocyclopentadiene	237	6.408	6.408	(0.881)	141233	20.0000	20
9 2,4,6-Trichlorophenol	196	6.532	6.532	(0.897)	123729	20.0000	20
10 2,4,5-Trichlorophenol	196	6.567	6.567	(0.902)	126978	20.0000	21
\$ 77 2-Fluorobiphenyl (SUR)	172	6.620	6.620	(0.910)	467131	20.0000	21
102 Diphenyl	154	6.714	6.714	(0.922)	493460	20.0000	21
36 2-Chloronaphthalene	162	6.720	6.720	(0.923)	374419	20.0000	20
103 Diphenyl Ether	170	6.820	6.820	(0.937)	269225	20.0000	20
37 2-Nitroaniline	65	6.831	6.831	(0.939)	128225	20.0000	21
38 Dimethylphthalate	163	7.037	7.037	(0.967)	318577	20.0000	19
114 Coumarin	146	7.031	7.031	(1.282)	106262	20.0000	18
40 2,6-Dinitrotoluene	165	7.084	7.084	(0.973)	71388	20.0000	19
39 Acenaphthylene	152	7.131	7.131	(0.980)	519257	20.0000	20
41 3-Nitroaniline	138	7.243	7.243	(0.995)	72682	20.0000	19
* 82 Acenaphthene-d10	164	7.278	7.278	(1.000)	613743	40.0000	
42 Acenaphthene	154	7.307	7.307	(1.004)	309432	20.0000	20
11 2,4-Dinitrophenol	184	7.354	7.354	(1.010)	50585	30.0000	25
12 4-Nitrophenol	65	7.437	7.437	(1.022)	81296	30.0000	27
44 2,4-Dinitrotoluene	165	7.484	7.484	(1.028)	90092	20.0000	18
43 Dibenzofuran	168	7.484	7.484	(1.028)	454481	20.0000	20
45 Diethylphthalate	149	7.742	7.742	(1.064)	277024	20.0000	18
46 4-Chlorophenyl-phenylether	204	7.830	7.830	(1.076)	173432	20.0000	18
47 Fluorene	166	7.819	7.819	(1.074)	346012	20.0000	19

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19653.d
 Report Date: 29-Sep-2011 14:55

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.848	7.848	(1.078)	61368	20.0000	18
13 4,6-Dinitro-2-methylphenol	198	7.883	7.883	(0.902)	69774	30.0000	28
49 N-Nitrosodiphenylamine	169	7.948	7.948	(0.910)	195699	20.0000	18
75 1,2-Diphenylhydrazine	77	7.989	7.989	(0.915)	397450	20.0000	21
\$ 18 2,4,6-Tribromophenol (SUR)	330	8.059	8.059	(1.107)	46915	20.0000	19
50 4-Bromophenyl-phenylether	248	8.312	8.312	(0.952)	87611	20.0000	19
51 Hexachlorobenzene	284	8.371	8.371	(0.958)	87413	20.0000	19
112 Atrazine	200	8.488	8.488	(0.972)	80222	20.0000	20
14 Pentachlorophenol	266	8.565	8.565	(0.980)	70098	30.0000	29
* 83 Phenanthrene-d10	188	8.735	8.735	(1.000)	721160	40.0000	
52 Phenanthrene	178	8.759	8.759	(1.003)	396681	20.0000	20
53 Anthracene	178	8.806	8.806	(1.008)	405004	20.0000	20
54 Carbazole	167	8.976	8.976	(1.028)	323476	20.0000	20
55 Di-n-butylphthalate	149	9.346	9.346	(1.070)	373213	20.0000	19
56 Fluoranthene	202	9.922	9.922	(1.136)	388113	20.0000	20
58 Benzidine	184	10.069	10.069	(1.153)	156521	30.0000	53
57 Pyrene	202	10.139	10.139	(0.891)	389253	20.0000	17
\$ 78 Terphenyl-d14	244	10.310	10.310	(0.906)	273336	20.0000	17
59 Butylbenzylphthalate	149	10.809	10.809	(0.950)	166849	20.0000	18
60 3,3'-Dichlorobenzidine	252	11.356	11.356	(0.998)	184204	30.0000	30
61 Benzo(a)anthracene	228	11.367	11.367	(0.999)	360240	20.0000	19
* 81 Chrysene-d12	240	11.379	11.379	(1.000)	640883	40.0000	
62 Chrysene	228	11.409	11.409	(1.003)	354736	20.0000	20
63 bis(2-Ethylhexyl)phthalate	149	11.456	11.456	(1.007)	229761	20.0000	18
64 Di-n-octylphthalate	149	12.237	12.237	(0.931)	391197	20.0000	20
65 Benzo(b)fluoranthene	252	12.654	12.654	(0.963)	319624	20.0000	20
66 Benzo(k)fluoranthene	252	12.689	12.689	(0.966)	334062	20.0000	19(H)
67 Benzo(a)pyrene	252	13.060	13.060	(0.994)	273621	20.0000	19
* 84 Perylene-d12	264	13.142	13.142	(1.000)	527369	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.505	14.505	(1.104)	240036	20.0000	19
69 Dibenz(a,h)anthracene	278	14.540	14.540	(1.106)	248702	20.0000	20
70 Benzo(g,h,i)perylene	276	14.840	14.840	(1.129)	267701	20.0000	20

QC Flag Legend

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

Data File: p19653.d

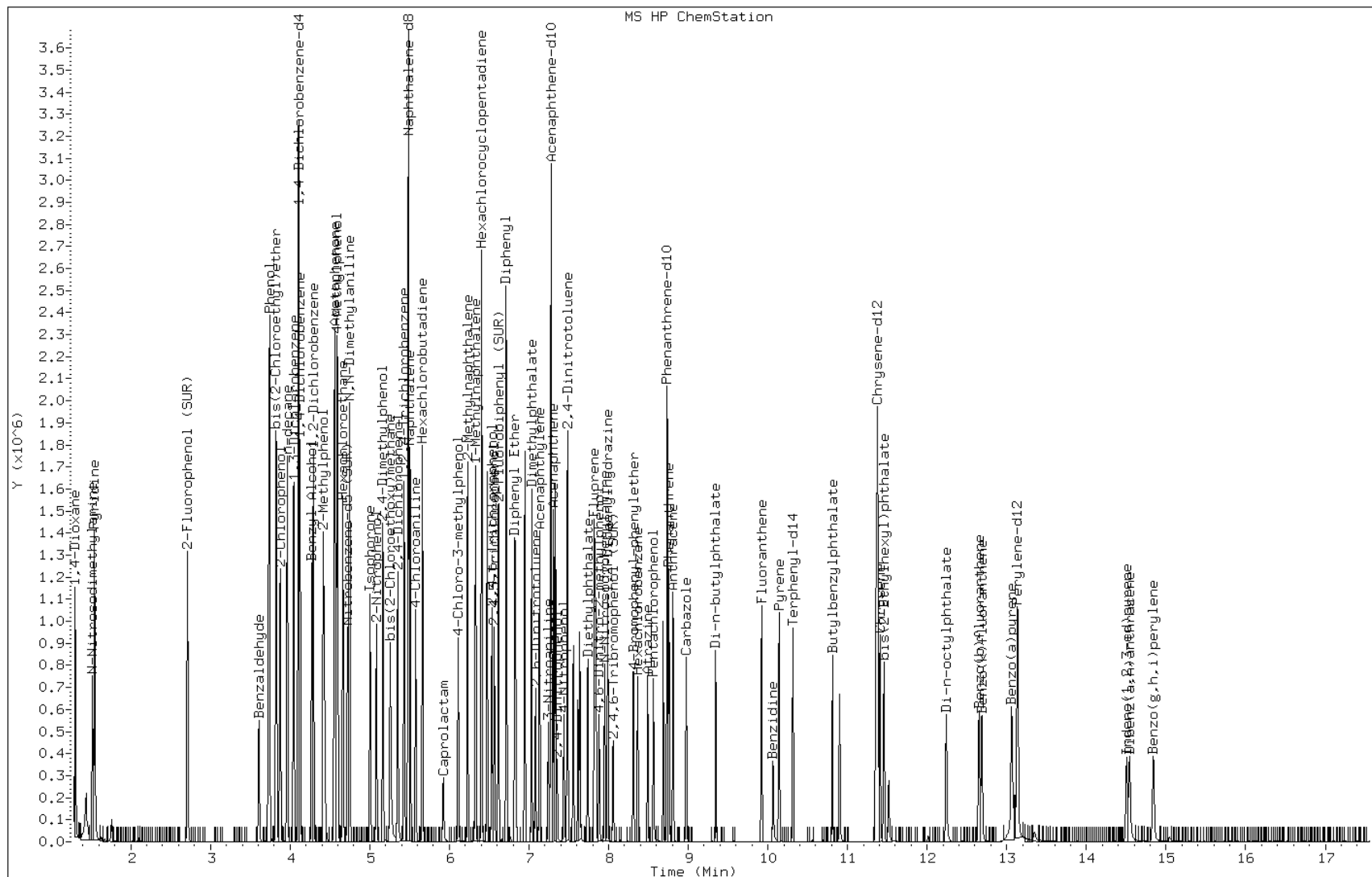
Date: 28-SEP-2011 03:04

Client ID:

Instrument: BNAMS10.i

Sample Info: IC-1143617

Operator: BNAMS 4



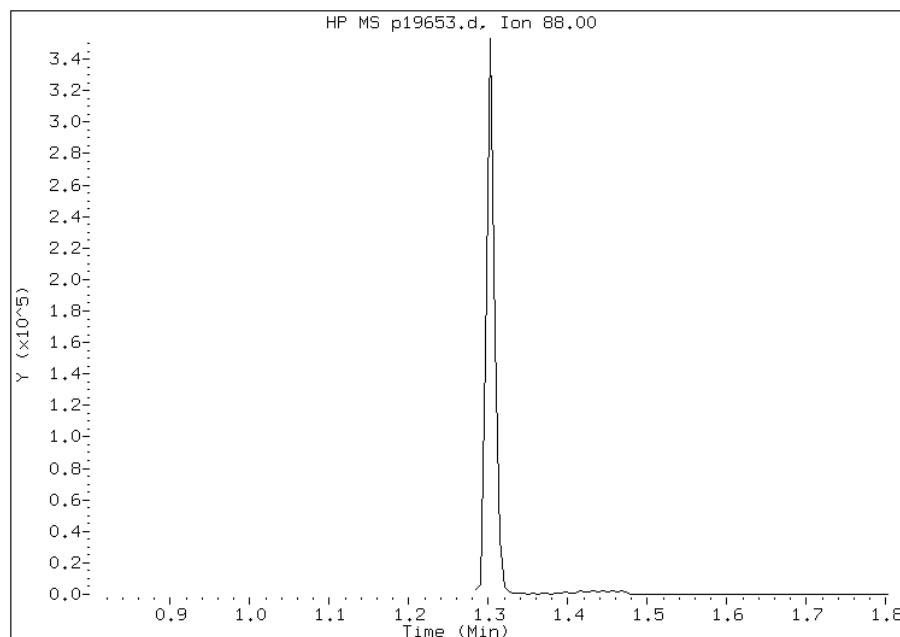
Manual Integration Report

Data File: p19653.d
Inj. Date and Time: 28-SEP-2011 03:04
Instrument ID: BNAMS10.i
Client ID:
Compound: 106 1,4-Dioxane
CAS #: 123-91-1
Report Date: 09/29/2011

Processing Integration Results

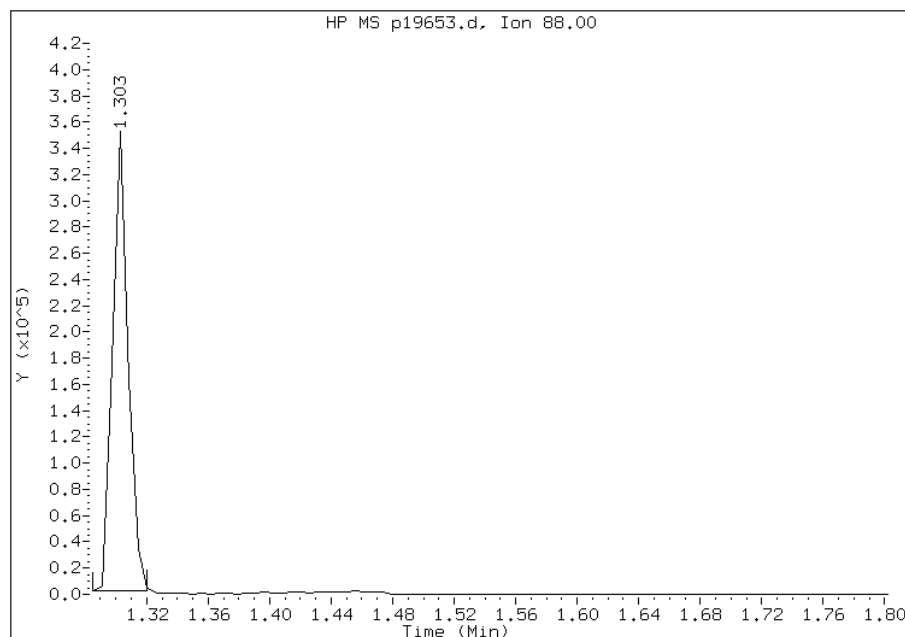
Not Detected

Expected RT: 1.30



Manual Integration Results

RT: 1.30
Response: 246938
Amount: 20
Conc: 20



Manually Integrated By: wahied
Manual Integration Reason:

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87600/4	z10240.d
Level 2	IC 460-87600/6	z10242.d
Level 3	ICIS 460-87600/2	z10238.d
Level 4	IC 460-87600/5	z10241.d
Level 5	IC 460-87600/3	z10239.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	0.6575	0.6370	0.6570	0.6502	0.6351	Ave		0.6474			0.0500	1.7		30.0			
N-Nitrosodimethylamine	0.8306	0.8337	0.8460	0.8259	0.8190	Ave		0.8311			0.0500	1.2		30.0			
Pyridine	1.5462	1.5500	1.5302	1.4466	1.4428	Ave		1.5032			0.0500	3.6		30.0			
2,3,7,8-TCDD	+++++	+++++	0.1840	+++++	+++++	Ave		0.1840			0.0500			30.0			
Benzaldehyde	1.0004	0.4721	0.6504	0.1843	0.0446	Ave		0.4704			0.0500	80.7	*	30.0			
Aniline	1.9849	1.9478	1.9768	1.8543	1.7405	Ave		1.9009			0.0500	5.4		30.0			
Phenol	1.9450	1.7638	1.6758	1.6376	1.7106	Ave		1.7466			0.0500	6.9		30.0			
Bis(2-chloroethyl)ether	1.2927	1.3003	1.3457	1.3170	1.4593	Ave		1.3430			0.0500	5.1		30.0			
2-Chlorophenol	1.5172	1.4330	1.3697	1.3214	1.3091	Ave		1.3901			0.0500	6.2		30.0			
n-Decane	1.4175	1.3607	1.2816	1.1984	1.1580	Ave		1.2832			0.0500	8.4		30.0			
1,3-Dichlorobenzene	1.6109	1.5636	1.6284	1.6327	1.6540	Ave		1.6179			0.0500	2.1		30.0			
1,4-Dichlorobenzene	1.6163	1.5891	1.6701	1.6527	1.6797	Ave		1.6416			0.0500	2.3		30.0			
Benzyl alcohol	0.7510	0.7969	0.7022	0.7897	0.7594	Ave		0.7598			0.0500	5.0		30.0			
1,2-Dichlorobenzene	1.5150	1.4713	1.5143	1.5478	1.5489	Ave		1.5195			0.0500	2.1		30.0			
2,2'-oxybis[1-chloropropane]	1.6342	1.4652	1.4172	1.2991	1.2494	Ave		1.4130			0.0500	10.7		30.0			
2-Methylphenol	1.2440	1.1609	1.1420	1.1011	1.1101	Ave		1.1516			0.0500	4.9		30.0			
o-Toluidine	1.5473	1.5518	1.5385	1.4827	1.5571	Ave		1.5355			0.0500	2.0		30.0			
Acetophenone	1.9390	1.8457	1.7846	1.7527	1.7772	Ave		1.8198			0.0500	4.1		30.0			
N-Nitrosodi-n-propylamine	0.9112	0.8800	0.8531	0.8603	0.8488	Ave		0.8707			0.0500	2.9		30.0			
3 & 4 Methylphenol	1.4059	1.3241	1.2820	1.2547	1.2148	Ave		1.2963			0.0500	5.6		30.0			
4-Methylphenol	1.4059	1.3241	1.2820	1.2547	1.2148	Ave		1.2963			0.0500	5.6		30.0			
Hexachloroethane	0.6487	0.6202	0.6398	0.6324	0.6260	Ave		0.6334			0.0500	1.8		30.0			
Nitrobenzene	0.5101	0.5470	0.5723	0.5484	0.5384	Ave		0.5433			0.0500	4.1		30.0			
n,n'-Dimethylaniline	1.6197	2.0124	2.0532	2.0149	2.0298	Ave		1.9460			0.0500	9.4		30.0			
Isophorone	0.6472	0.6174	0.6377	0.5948	0.5980	Ave		0.6190			0.0500	3.8		30.0			
2-Nitrophenol	0.2044	0.1933	0.1978	0.1954	0.2003	Ave		0.1983			0.0500	2.2		30.0			
2,4-Dimethylphenol	0.3226	0.3101	0.2999	0.2974	0.2962	Ave		0.3053			0.0500	3.7		30.0			
Bis(2-chloroethoxy)methane	0.3925	0.3729	0.3905	0.3805	0.3795	Ave		0.3832			0.0500	2.1		30.0			
2,4-Dichlorophenol	0.2748	0.2666	0.2675	0.2631	0.2671	Ave		0.2678			0.0500	1.6		30.0			
1,2,4-Trichlorobenzene	0.3293	0.3048	0.3171	0.3162	0.3192	Ave		0.3173			0.0500	2.7		30.0			
Naphthalene	1.0664	1.0447	1.1261	1.1226	1.1333	Ave		1.0986			0.0500	3.7		30.0			
4-Chloroaniline	0.3939	0.3772	0.3965	0.3802	0.3768	Ave		0.3849			0.0500	2.5		30.0			

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.: 460-31552-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

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								
Hexachlorobutadiene	0.1996	0.1872	0.1928	0.1927	0.1919	Ave		0.1928			0.0500	2.3		30.0			
Caprolactam	0.0906	0.0833	0.0787	0.0742	0.0790	Ave		0.0812			0.0500	7.6		30.0			
4-Chloro-3-methylphenol	0.2898	0.2775	0.2863	0.2660	0.2651	Ave		0.2770			0.0500	4.1		30.0			
2-Methylnaphthalene	0.6492	0.6200	0.6701	0.6607	0.6672	Ave		0.6534			0.0500	3.1		30.0			
1-Methylnaphthalene	0.6661	0.6568	0.6808	0.6746	0.6755	Ave		0.6708			0.0500	1.4		30.0			
Hexachlorocyclopentadiene	0.3022	0.3366	0.3714	0.3675	0.3661	Ave		0.3488			0.0500	8.5		30.0			
2,4,6-Trichlorophenol	0.3762	0.3654	0.3662	0.3673	0.3776	Ave		0.3705			0.0500	1.6		30.0			
2,4,5-Trichlorophenol	0.3920	0.3824	0.3768	0.3620	0.3761	Ave		0.3779			0.0500	2.9		30.0			
1,1'-Biphenyl	1.6904	1.6491	1.7012	1.7635	1.7056	Ave		1.7020			0.0500	2.4		30.0			
2-Chloronaphthalene	1.1849	1.1621	1.2184	1.2362	1.2130	Ave		1.2029			0.0500	2.4		30.0			
Phenyl ether	0.8454	0.8222	0.8660	0.8733	0.8647	Ave		0.8543			0.0500	2.4		30.0			
2-Nitroaniline	0.4342	0.4507	0.4009	0.3648	0.3426	Ave		0.3986			0.0500	11.4		30.0			
Dimethyl phthalate	1.2310	1.1643	1.2227	1.2136	1.2062	Ave		1.2076			0.0500	2.1		30.0			
Coumarin	0.2013	0.1864	0.1933	0.1834	0.1899	Ave		0.1908			0.0500	3.6		30.0			
2,6-Dinitrotoluene	0.2708	0.2686	0.2828	0.2799	0.2781	Ave		0.2760			0.0500	2.2		30.0			
Acenaphthylene	1.9214	1.8514	1.9374	1.8930	1.8729	Ave		1.8952			0.0500	1.8		30.0			
3-Nitroaniline	0.3024	0.2819	0.3058	0.2906	0.2895	Ave		0.2940			0.0500	3.3		30.0			
Acenaphthene	1.1174	1.1178	1.1835	1.2274	1.1957	Ave		1.1684			0.0500	4.2		30.0			
2,4-Dinitrophenol	0.1077	0.1335	0.1477	0.1546	0.1573	Ave		0.1402			0.0500	14.5		30.0			
4-Nitrophenol	0.2381	0.2237	0.2366	0.2235	0.2274	Ave		0.2299			0.0500	3.1		30.0			
Dibenzofuran	1.5358	1.5166	1.6081	1.6261	1.5929	Ave		1.5759			0.0500	3.0		30.0			
2,4-Dinitrotoluene	0.3646	0.3387	0.3588	0.3516	0.3474	Ave		0.3522			0.0500	2.9		30.0			
Diethyl phthalate	1.2871	1.1925	1.2475	1.2353	1.2123	Ave		1.2349			0.0500	2.9		30.0			
Fluorene	1.2272	1.2085	1.3294	1.3113	1.2870	Ave		1.2727			0.0500	4.1		30.0			
4-Chlorophenyl phenyl ether	0.5834	0.5467	0.5797	0.5995	0.5879	Ave		0.5795			0.0500	3.4		30.0			
4-Nitroaniline	0.2834	0.2474	0.2464	0.2364	0.2322	Ave		0.2492			0.0500	8.1		30.0			
4,6-Dinitro-2-methylphenol	0.1125	0.1303	0.1339	0.1354	0.1413	Ave		0.1307			0.0500	8.3		30.0			
N-Nitrosodiphenylamine	0.6319	0.5616	0.6212	0.6295	0.6451	Ave		0.6179			0.0500	5.3		30.0			
1,2-Diphenylhydrazine	0.9108	1.1108	1.1642	1.1441	1.2370	Ave		1.1134			0.0500	11.0		30.0			
4-Bromophenyl phenyl ether	0.2348	0.2363	0.2457	0.2505	0.2589	Ave		0.2452			0.0500	4.1		30.0			
Hexachlorobenzene	0.2542	0.2594	0.2675	0.2708	0.2776	Ave		0.2659			0.0500	3.5		30.0			
Atrazine	0.2190	0.2106	0.1994	0.1989	0.1989	Ave		0.2035			0.0500	5.6		30.0			
Pentachlorophenol	0.1254	0.1423	0.1429	0.1485	0.1510	Ave		0.1420			0.0500	7.0		30.0			
Phenanthrene	1.1272	1.1268	1.1920	1.1640	1.1941	Ave		1.1608			0.0500	2.8		30.0			
Anthracene	1.1399	1.1467	1.2016	1.1828	1.2074	Ave		1.1757			0.0500	2.6		30.0			
Carbazole	0.9819	0.9200	0.9649	0.9392	0.9394	Ave		0.9491			0.0500	2.6		30.0			
Di-n-butyl phthalate	1.2863	1.2726	1.2976	1.3211	1.3015	Ave		1.2958			0.0500	1.4		30.0			
Fluoranthene	0.9844	0.9507	0.9854	0.9829	0.9498	Ave		0.9706			0.0500	1.9		30.0			
Benzidine	0.1384	0.1932	0.1352	0.0459	0.0318	Ave		0.1089			0.0500	62.6	*	30.0			
Pyrene	1.6278	1.5608	1.7755	1.6817	1.8168	Ave		1.6925			0.0500	6.2		30.0			
Butyl benzyl phthalate	0.7615	0.7432	0.7810	0.7914	0.7951	Ave		0.7744			0.0500	2.8		30.0			

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.: 460-31552-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

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								
3,3'-Dichlorobenzidine	0.3925	0.3415	0.3709	0.3195	0.3040	Ave		0.3457			0.0500	10.5		30.0			
Benzo[a]anthracene	1.4861	1.1481	1.1902	1.1771	1.2109	Ave		1.2425			0.0500	11.1		30.0			
Chrysene	1.1314	1.1052	1.1670	1.1183	1.0665	Ave		1.1177			0.0500	3.3		30.0			
Bis(2-ethylhexyl) phthalate	0.9794	1.0085	1.0243	1.0924	1.0864	Ave		1.0382			0.0500	4.8		30.0			
Di-n-octyl phthalate	1.8507	1.9753	2.0490	2.1180	2.0796	Ave		2.0145			0.0500	5.2		30.0			
Benzo[b]fluoranthene	1.1775	1.1155	1.2080	1.2235	1.2248	Ave		1.1898			0.0500	3.8		30.0			
Benzo[k]fluoranthene	1.3493	1.3208	1.3690	1.3267	1.2964	Ave		1.3324			0.0500	2.1		30.0			
Benzo[a]pyrene	0.9450	0.9237	0.9944	0.9862	0.9902	Ave		0.9679			0.0500	3.3		30.0			
Indeno[1,2,3-cd]pyrene	0.6580	0.7200	0.8472	0.8861	0.8810	Ave		0.7985			0.0500	12.9		30.0			
Dibenz(a,h)anthracene	0.6840	0.7993	0.8818	0.8933	0.9075	Ave		0.8332			0.0500	11.2		30.0			
Benzo[g,h,i]perylene	0.7528	0.8062	0.8781	0.9090	0.9067	Ave		0.8506			0.0500	8.1		30.0			
2-Fluorophenol (Surr)	1.3983	1.4684	1.3544	1.2557	1.2835	Ave		1.3521			0.0500	6.4		30.0			
Phenol-d5 (Surr)	1.6709	1.6837	1.5915	1.5279	1.5908	Ave		1.6130			0.0500	4.0		30.0			
Nitrobenzene-d5 (Surr)	0.4093	0.4186	0.4168	0.4030	0.4024	Ave		0.4100			0.0500	1.8		30.0			
2-Fluorobiphenyl	1.3716	1.4461	1.4446	1.4758	1.4581	Ave		1.4393			0.0500	2.8		30.0			
2,4,6-Tribromophenol (Surr)	0.1866	0.1845	0.1879	0.1866	0.1845	Ave		0.1860			0.0500	0.8		30.0			
Terphenyl-d14 (Surr)	1.1148	1.1601	1.2296	1.2292	1.2846	Ave		1.2037			0.0500	5.5		30.0			

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.: 460-31552-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87600/4	z10240.d
Level 2	IC 460-87600/6	z10242.d
Level 3	ICIS 460-87600/2	z10238.d
Level 4	IC 460-87600/5	z10241.d
Level 5	IC 460-87600/3	z10239.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	39549	146923	390611	575682	886164	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	49966	192276	502922	731326	1142855	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	93008	357490	909691	1280897	2013239	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	1236	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Benzaldehyde	DCB	Ave	60180	108891	386648	163193	62278	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	119397	449234	1175174	1641906	2428713	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	117001	406795	996279	1450023	2386994	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	7776	299892	799990	1166160	2036322	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	91266	330506	814279	1170003	1826753	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	85265	313830	761927	1061101	1615879	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	96901	360605	968107	1445653	2308014	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	97227	366504	992858	1463380	2343818	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	45178	183784	417441	699204	1059687	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	91131	339331	900275	1370485	2161379	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	98302	337918	842548	1150285	1743351	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	74829	267751	678928	974961	1549068	5.00	20.0	50.0	80.0	120
o-Toluidine	DCB	Ave	93078	357891	914658	1312826	2172787	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	116638	425685	1060956	1551924	2479860	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	5481	202965	507137	761761	1184362	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	84569	305369	762147	1110988	1695077	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	84569	305369	762147	1110988	1695077	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	3902	143034	380349	559925	873482	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	11214	451006	1170215	1671209	2577331	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	9743	464131	1220635	1784095	2832313	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	142272	508998	1303849	1812615	2862375	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	44932	159377	404531	595639	958997	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	70927	255648	613204	906400	1417926	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	86283	307431	798546	1159706	1816763	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	60414	219774	546982	801792	1278402	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	7238	251330	648381	963773	1527825	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	234424	861322	2302597	3421328	5424793	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	86585	311012	810662	1158732	1803635	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	8776	154376	394244	587162	918416	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	19913	68689	160918	226248	378384	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.: 460-31552-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

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
4-Chloro-3-methylphenol	NPT	Ave	63707	228816	585478	810513	1269108	5.00	20.0	50.0	80.0	120
2-Methylnaphthalene	NPT	Ave	142721	511123	1370247	2013641	3193526	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	146432	541525	1392127	2055962	3233479	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	31840	127692	349824	499374	805045	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	39632	138594	344883	499099	830378	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	41299	145067	354838	491883	827164	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	178086	625550	1602236	2396190	3750742	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	124829	440816	1147544	1679713	2667503	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	89063	311896	815637	1186617	1901546	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	91479	170980	377608	495621	753333	10.0	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	129684	441674	1151562	1649066	2652428	5.00	20.0	50.0	80.0	120
Coumarin	NPT	Ave	44255	153636	395231	558775	908943	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	5706	101888	266315	380257	611619	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	202418	702295	1824701	2572159	4118590	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	63711	106940	288040	394873	636630	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	117719	424019	1114642	1667752	2629491	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	34052	75970	139126	210038	346000	15.0	30.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	75240	127312	222878	303627	500069	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	161802	575294	1514564	2209510	3502965	5.00	20.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	7682	128478	337958	477790	763995	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	135596	452350	1174906	1678563	2665938	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	129285	458420	1252081	1781829	2830301	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	61463	207393	545960	814577	1292901	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	59715	93830	232065	321240	510687	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	50149	96922	167633	242376	391409	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	93882	278497	777713	1127131	1787644	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	135309	550877	1457562	2048547	3427846	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	34880	117201	307620	448473	717403	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	3777	128666	334910	484806	769184	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	32541	104433	249635	356221	525844	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	55883	105887	178933	265821	418541	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	167466	558802	1492294	2084154	3308767	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	169348	568674	1504332	2117856	3345786	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	145870	456260	1208057	1681676	2603125	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	191104	631093	1624505	2365459	3606495	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	146240	471488	1233704	1759867	2631857	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	41134	143696	169235	82227	88101	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	145925	457501	1192748	1690783	2525196	5.00	20.0	50.0	80.0	120
Butyl benzyl phthalate	CRY	Ave	68264	217855	524634	795690	1105141	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	70373	150156	249153	321234	422534	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	13322	336541	799553	1183448	1683048	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	101423	323952	783958	1124321	1482361	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	87793	295605	688118	1098280	1510080	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.: 460-31552-1 Analy Batch No.: 87600

SDG No.: _____

Instrument ID: BNAMS11 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/26/2011 10:59 Calibration End Date: 09/26/2011 12:50 Calibration ID: 12425

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
Di-n-octyl phthalate	PRY	Ave	124738	417956	940721	1485433	1981094	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	7936	236027	554622	858074	1166787	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	9094	279479	628548	930503	1234983	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	6369	195442	456563	691674	943301	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	4435	152350	388966	621458	839304	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	4610	169124	404858	626513	864546	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	50736	170589	403162	637516	863808	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	84110	338660	805209	1111873	1790945	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	100512	388322	946152	1352900	2219747	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	89981	345097	852177	1228125	1925980	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	144501	548566	1360567	2005235	3206524	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	19659	69969	176947	253515	405740	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	99930	340060	826057	1235832	1785502	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Report Date: 26-Sep-2011 14:36

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Lab Smp Id: ICIS-1143618
 Inj Date : 26-SEP-2011 10:59
 Operator : BNAMS 4
 Smp Info : ICIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:36 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 3

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.246	1.246 (0.329)		390611	50.0000	50
19 N-Nitrosodimethylamine		74	1.452	1.452 (0.384)		502922	50.0000	50
71 Pyridine		79	1.469	1.469 (0.389)		909691	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.522	2.522 (0.667)		805209	50.0000	50
110 Benzaldehyde		77	3.334	3.334 (0.882)		386648	50.0000	50
\$ 17 Phenol-d5 (SUR)		99	3.451	3.451 (0.913)		946152	50.0000	50
1 Phenol		94	3.469	3.469 (0.918)		996279	50.0000	50
73 Aniline		93	3.451	3.451 (0.913)		1175174	50.0000	50
20 bis(2-Chloroethyl)ether		93	3.528	3.528 (0.933)		799990	50.0000	50
2 2-Chlorophenol		128	3.581	3.581 (0.947)		814279	50.0000	50
113 n-decane		43	3.646	3.646 (0.964)		761927	50.0000	50
21 1,3-Dichlorobenzene		146	3.728	3.728 (0.986)		968107	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.781	3.781 (1.000)		475597	40.0000	
22 1,4-Dichlorobenzene		146	3.798	3.798 (1.005)		992858	50.0000	50
74 Benzyl Alcohol		108	3.946	3.946 (1.044)		417441	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Report Date: 26-Sep-2011 14:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	900275	50.0000	50
3 2-Methylphenol	108	4.081	4.081	(1.079)	678928	50.0000	50
24 bis (2-chloroisopropyl) ether	45	4.081	4.081	(1.079)	842548	50.0000	50
122 o-Toluidine	107	4.198	4.198	(1.110)	914658	50.0000	50
104 Acetophenone	105	4.210	4.210	(1.114)	1060956	50.0000	50
4 4-Methylphenol	108	4.240	4.240	(1.121)	762147	50.0000	50
121 3 & 4 Methylphenol	108	4.240	4.240	(1.121)	762147	50.0000	50
25 N-Nitroso-di-n-propylamine	70	4.228	4.228	(1.118)	507137	50.0000	50(H)
26 Hexachloroethane	117	4.298	4.298	(1.137)	380349	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.357	4.357	(0.859)	852177	50.0000	50
107 N,N-Dimethylaniline	120	4.387	4.387	(1.160)	1220635	50.0000	50
27 Nitrobenzene	77	4.381	4.381	(0.863)	1170215	50.0000	50
28 Isophorone	82	4.628	4.628	(0.912)	1303849	50.0000	50
5 2-Nitrophenol	139	4.698	4.698	(0.926)	404531	50.0000	50
6 2,4-Dimethylphenol	122	4.775	4.775	(0.941)	613204	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.857	4.857	(0.957)	798546	50.0000	50
7 2,4-Dichlorophenol	162	4.951	4.951	(0.976)	546982	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.028	5.028	(0.991)	648381	50.0000	50
* 80 Naphthalene-d8	136	5.075	5.075	(1.000)	1635812	40.0000	
31 Naphthalene	128	5.098	5.098	(1.005)	2302597	50.0000	50
32 4-Chloroaniline	127	5.163	5.163	(1.017)	810662	50.0000	50
33 Hexachlorobutadiene	225	5.240	5.240	(1.032)	394244	50.0000	50
111 Caprolactam	113	5.551	5.551	(1.094)	160918	50.0000	50
8 4-Chloro-3-methylphenol	107	5.687	5.687	(1.121)	585478	50.0000	50
34 2-Methylnaphthalene	142	5.792	5.792	(1.141)	1370247	50.0000	50
120 1-Methylnaphthalene	142	5.892	5.892	(1.161)	1392127	50.0000	50
35 Hexachlorocyclopentadiene	237	5.963	5.963	(0.874)	349824	50.0000	50
9 2,4,6-Trichlorophenol	196	6.092	6.092	(0.893)	344883	50.0000	50
10 2,4,5-Trichlorophenol	196	6.134	6.134	(0.899)	354838	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.169	6.169	(0.904)	1360567	50.0000	50
102 Diphenyl	154	6.263	6.263	(0.918)	1602236	50.0000	50
36 2-Chloronaphthalene	162	6.275	6.275	(0.920)	1147544	50.0000	50
103 Diphenyl Ether	170	6.369	6.369	(0.934)	815637	50.0000	50
37 2-Nitroaniline	65	6.392	6.392	(0.937)	377608	50.0000	50
38 Dimethylphthalate	163	6.586	6.586	(0.966)	1151562	50.0000	50
114 Coumarin	146	6.592	6.592	(1.299)	395231	50.0000	50
40 2,6-Dinitrotoluene	165	6.639	6.639	(0.973)	266315	50.0000	50
39 Acenaphthylene	152	6.681	6.681	(0.979)	1824701	50.0000	50
41 3-Nitroaniline	138	6.798	6.798	(0.997)	288040	50.0000	50
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	753456	40.0000	
42 Acenaphthene	154	6.857	6.857	(1.005)	1114642	50.0000	50
11 2,4-Dinitrophenol	184	6.904	6.904	(1.012)	139126	50.0000	50
12 4-Nitrophenol	65	6.998	6.998	(1.026)	222878	50.0000	50
44 2,4-Dinitrotoluene	165	7.034	7.034	(1.031)	337958	50.0000	50
43 Dibenzofuran	168	7.028	7.028	(1.030)	1514564	50.0000	50
45 Diethylphthalate	149	7.281	7.281	(1.067)	1174906	50.0000	50
46 4-Chlorophenyl-phenylether	204	7.369	7.369	(1.080)	545960	50.0000	50

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10238.d
 Report Date: 26-Sep-2011 14:36

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.363	7.363	(1.079)	1252081	50.0000	50
48 4-Nitroaniline	138	7.404	7.404	(1.085)	232065	50.0000	50
13 4,6-Dinitro-2-methylphenol	198	7.434	7.434	(0.899)	167633	50.0000	50
49 N-Nitrosodiphenylamine	169	7.492	7.492	(0.906)	777713	50.0000	50
75 1,2-Diphenylhydrazine	77	7.528	7.528	(0.910)	1457562	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.598	7.598	(1.114)	176947	50.0000	50
50 4-Bromophenyl-phenylether	248	7.845	7.845	(0.949)	307620	50.0000	50
51 Hexachlorobenzene	284	7.904	7.904	(0.956)	334910	50.0000	50
112 Atrazine	200	8.028	8.028	(0.971)	249635	50.0000	50
14 Pentachlorophenol	266	8.104	8.104	(0.980)	178933	50.0000	50
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	1001558	40.0000	
52 Phenanthrene	178	8.298	8.298	(1.004)	1492294	50.0000	50
53 Anthracene	178	8.345	8.345	(1.009)	1504332	50.0000	50
54 Carbazole	167	8.510	8.510	(1.029)	1208057	50.0000	50
55 Di-n-butylphthalate	149	8.875	8.875	(1.073)	1624505	50.0000	50
56 Fluoranthene	202	9.451	9.451	(1.143)	1233704	50.0000	50
58 Benzidine	184	9.592	9.592	(1.160)	169235	50.0000	50
57 Pyrene	202	9.669	9.669	(0.886)	1192748	50.0000	50
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	826057	50.0000	50
59 Butylbenzylphthalate	149	10.339	10.339	(0.948)	524634	50.0000	50
109 2,3,7,8-TCDD (Screen)	320	10.416	10.416	(0.955)	1236	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	10.886	10.886	(0.998)	249153	50.0000	50
61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	799553	50.0000	50
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	537430	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	688118	50.0000	50
62 Chrysene	228	10.939	10.939	(1.003)	783958	50.0000	50
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	940721	50.0000	50
65 Benzo(b)fluoranthene	252	12.186	12.186	(0.962)	554622	50.0000	50
66 Benzo(k)fluoranthene	252	12.216	12.216	(0.965)	628548	50.0000	50
67 Benzo(a)pyrene	252	12.592	12.592	(0.994)	456563	50.0000	50
* 84 Perylene-d12	264	12.663	12.663	(1.000)	367293	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.033	14.033	(1.108)	388966	50.0000	50
69 Dibenz(a,h)anthracene	278	14.068	14.068	(1.111)	404858	50.0000	50
70 Benzo(g,h,i)perylene	276	14.374	14.374	(1.135)	403162	50.0000	50

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: z10238.d

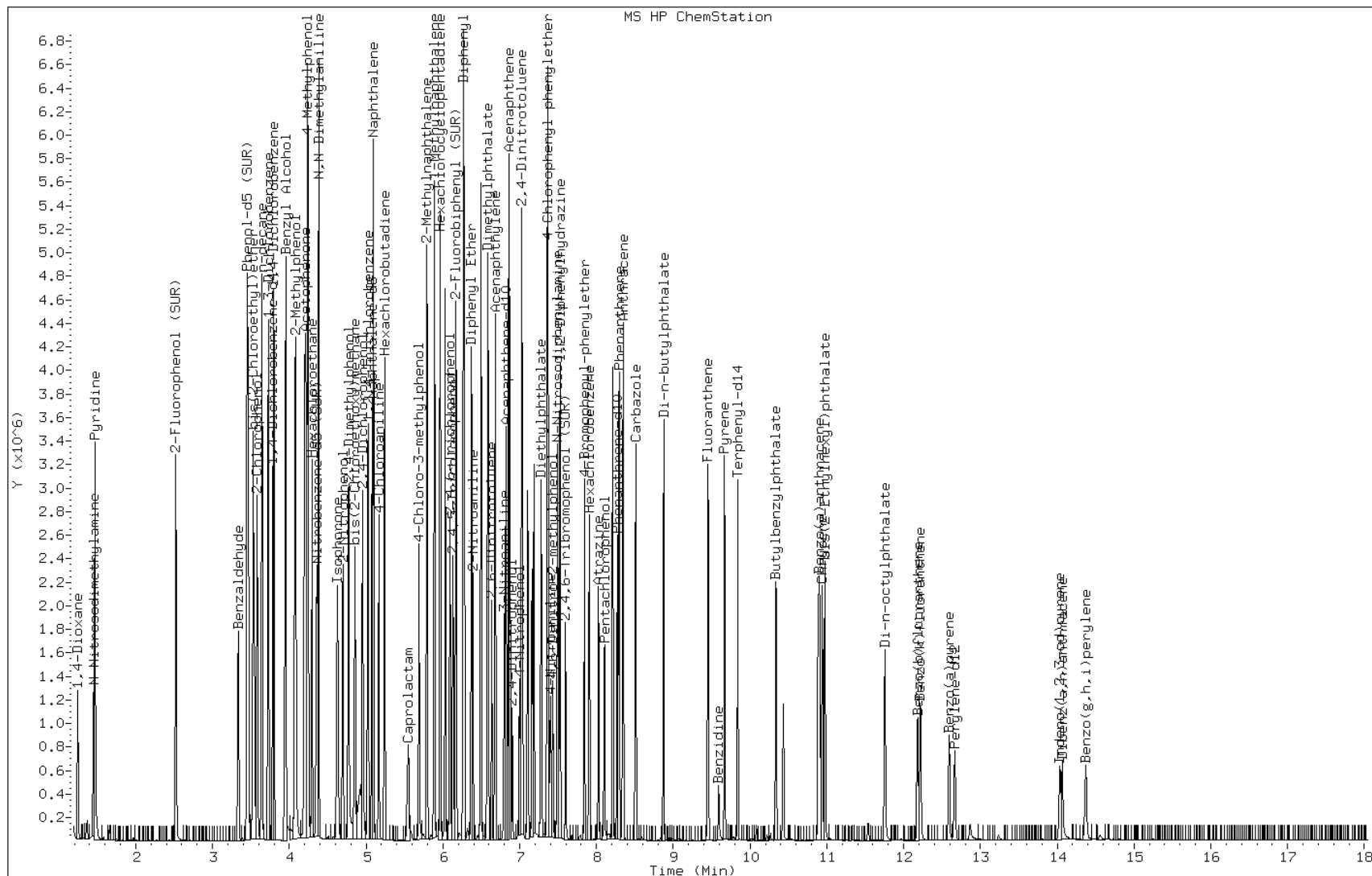
Date: 26-SEP-2011 10:59

Client ID:

Instrument: BNAMS11.i

Sample Info: ICIS-1143618

Operator: BNAMS 4



Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Report Date: 26-Sep-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Lab Smp Id: IC-1143620
 Inj Date : 26-SEP-2011 11:35
 Operator : BNAMS 4
 Smp Info : IC-1143620
 Misc Info : 120 ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:48 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 5

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.316	1.316 (0.347)		886164	120.000	120(H)
19 N-Nitrosodimethylamine		74	1.557	1.557 (0.411)		1142855	120.000	120(H)
71 Pyridine		79	1.581	1.581 (0.417)		2013239	120.000	110(H)
\$ 16 2-Fluorophenol (SUR)		112	2.575	2.575 (0.679)		1790945	120.000	110
110 Benzaldehyde		77	3.351	3.351 (0.884)		62278	120.000	9.5
\$ 17 Phenol-d5 (SUR)		99	3.487	3.487 (0.919)		2219747	120.000	120
1 Phenol		94	3.498	3.498 (0.922)		2386994	120.000	120
73 Aniline		93	3.475	3.475 (0.916)		2428713	120.000	110
20 bis(2-Chloroethyl)ether		93	3.557	3.557 (0.938)		2036322	120.000	130(A)
2 2-Chlorophenol		128	3.604	3.604 (0.950)		1826753	120.000	110
113 n-decane		43	3.657	3.657 (0.964)		1615879	120.000	110
21 1,3-Dichlorobenzene		146	3.745	3.745 (0.988)		2308014	120.000	120(A)
* 79 1,4-Dichlorobenzene-d4		152	3.792	3.792 (1.000)		465129	40.0000	
22 1,4-Dichlorobenzene		146	3.816	3.816 (1.006)		2343818	120.000	120(A)
74 Benzyl Alcohol		108	3.969	3.969 (1.047)		1059687	120.000	120(A)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
 Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.963	3.963	(1.045)	2161379	120.000	120(A)
3 2-Methylphenol	108	4.098	4.098	(1.081)	1549068	120.000	110
24 bis (2-chloroisopropyl) ether	45	4.087	4.087	(1.078)	1743351	120.000	100
122 o-Toluidine	107	4.210	4.210	(1.110)	2172787	120.000	120(A)
104 Acetophenone	105	4.234	4.234	(1.116)	2479860	120.000	120
4 4-Methylphenol	108	4.269	4.269	(1.126)	1695077	120.000	110
121 3 & 4 Methylphenol	108	4.269	4.269	(1.126)	1695077	120.000	110
25 N-Nitroso-di-n-propylamine	70	4.251	4.251	(1.121)	1184362	120.000	120(M)
26 Hexachloroethane	117	4.304	4.304	(1.135)	873482	120.000	120
\$ 76 Nitrobenzene-d5 (SUR)	82	4.381	4.381	(0.862)	1925980	120.000	120
107 N,N-Dimethylaniline	120	4.404	4.404	(1.161)	2832313	120.000	130(A)
27 Nitrobenzene	77	4.404	4.404	(0.867)	2577331	120.000	120
28 Isophorone	82	4.651	4.651	(0.915)	2862375	120.000	110
5 2-Nitrophenol	139	4.710	4.710	(0.927)	958997	120.000	120
6 2,4-Dimethylphenol	122	4.787	4.787	(0.942)	1417926	120.000	120
29 bis(2-Chloroethoxy)methane	93	4.869	4.869	(0.958)	1816763	120.000	120
7 2,4-Dichlorophenol	162	4.969	4.969	(0.978)	1278402	120.000	120
30 1,2,4-Trichlorobenzene	180	5.034	5.034	(0.991)	1527825	120.000	120
* 80 Naphthalene-d8	136	5.081	5.081	(1.000)	1595601	40.0000	
31 Naphthalene	128	5.104	5.104	(1.005)	5424793	120.000	120(A)
32 4-Chloroaniline	127	5.175	5.175	(1.019)	1803635	120.000	120
33 Hexachlorobutadiene	225	5.245	5.245	(1.032)	918416	120.000	120
111 Caprolactam	113	5.616	5.616	(1.105)	378384	120.000	110(H)
8 4-Chloro-3-methylphenol	107	5.710	5.710	(1.124)	1269108	120.000	110
34 2-Methylnaphthalene	142	5.804	5.804	(1.142)	3193526	120.000	120(A)
120 1-Methylnaphthalene	142	5.898	5.898	(1.161)	3233479	120.000	120(A)
35 Hexachlorocyclopentadiene	237	5.969	5.969	(0.874)	805045	120.000	130(A)
9 2,4,6-Trichlorophenol	196	6.104	6.104	(0.894)	830378	120.000	120(A)
10 2,4,5-Trichlorophenol	196	6.151	6.151	(0.901)	827164	120.000	120
\$ 77 2-Fluorobiphenyl (SUR)	172	6.181	6.181	(0.905)	3206524	120.000	120(A)
102 Diphenyl	154	6.275	6.275	(0.919)	3750742	120.000	120(A)
36 2-Chloronaphthalene	162	6.286	6.286	(0.921)	2667503	120.000	120(A)
103 Diphenyl Ether	170	6.381	6.381	(0.935)	1901546	120.000	120(A)
37 2-Nitroaniline	65	6.404	6.404	(0.938)	753333	120.000	100
38 Dimethylphthalate	163	6.598	6.598	(0.966)	2652428	120.000	120
114 Coumarin	146	6.610	6.610	(1.301)	908943	120.000	120
40 2,6-Dinitrotoluene	165	6.651	6.651	(0.974)	611619	120.000	120(A)
39 Acenaphthylene	152	6.692	6.692	(0.980)	4118590	120.000	120
41 3-Nitroaniline	138	6.816	6.816	(0.998)	636630	120.000	120
* 82 Acenaphthene-d10	164	6.828	6.828	(1.000)	733022	40.0000	
42 Acenaphthene	154	6.869	6.869	(1.006)	2629491	120.000	120(A)
11 2,4-Dinitrophenol	184	6.922	6.922	(1.014)	346000	120.000	140(A)
12 4-Nitrophenol	65	7.022	7.022	(1.028)	500069	120.000	120
44 2,4-Dinitrotoluene	165	7.057	7.057	(1.034)	763995	120.000	120
43 Dibenzofuran	168	7.039	7.039	(1.031)	3502965	120.000	120(A)
45 Diethylphthalate	149	7.292	7.292	(1.068)	2665938	120.000	120
46 4-Chlorophenyl-phenylether	204	7.381	7.381	(1.081)	1292901	120.000	120(A)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10239.d
Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.375	7.375	(1.080)	2830301	120.000	120(A)
48 4-Nitroaniline	138	7.428	7.428	(1.088)	510687	120.000	110
13 4,6-Dinitro-2-methylphenol	198	7.451	7.451	(0.900)	391409	120.000	130(A)
49 N-Nitrosodiphenylamine	169	7.504	7.504	(0.906)	1787644	120.000	120(A)
75 1,2-Diphenylhydrazine	77	7.539	7.539	(0.910)	3427846	120.000	130(A)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.610	7.610	(1.115)	405740	120.000	120
50 4-Bromophenyl-phenylether	248	7.857	7.857	(0.949)	717403	120.000	130(A)
51 Hexachlorobenzene	284	7.916	7.916	(0.956)	769184	120.000	120(A)
112 Atrazine	200	8.045	8.045	(0.972)	525844	120.000	110
14 Pentachlorophenol	266	8.110	8.110	(0.979)	418541	120.000	130(A)
* 83 Phenanthrene-d10	188	8.280	8.280	(1.000)	923671	40.0000	
52 Phenanthrene	178	8.304	8.304	(1.003)	3308767	120.000	120(A)
53 Anthracene	178	8.357	8.357	(1.009)	3345786	120.000	120(A)
54 Carbazole	167	8.522	8.522	(1.029)	2603125	120.000	120
55 Di-n-butylphthalate	149	8.880	8.880	(1.072)	3606495	120.000	120(A)
56 Fluoranthene	202	9.463	9.463	(1.143)	2631857	120.000	120
58 Benzidine	184	9.604	9.604	(1.160)	88101	120.000	37
57 Pyrene	202	9.680	9.680	(0.887)	2525196	120.000	120(A)
\$ 78 Terphenyl-d14	244	9.845	9.845	(0.902)	1785502	120.000	130(A)
59 Butylbenzylphthalate	149	10.345	10.345	(0.948)	1105141	120.000	120(A)
60 3,3'-Dichlorobenzidine	252	10.892	10.892	(0.998)	422534	120.000	100(A)
61 Benzo(a)anthracene	228	10.904	10.904	(0.999)	1683048	120.000	110
* 81 Chrysene-d12	240	10.916	10.916	(1.000)	463311	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.980	10.980	(1.006)	1510080	120.000	130(A)
62 Chrysene	228	10.951	10.951	(1.003)	1482361	120.000	110
64 Di-n-octylphthalate	149	11.763	11.763	(0.928)	1981094	120.000	120(A)
65 Benzo(b)fluoranthene	252	12.198	12.198	(0.963)	1166787	120.000	120(A)
66 Benzo(k)fluoranthene	252	12.233	12.233	(0.966)	1234983	120.000	120
67 Benzo(a)pyrene	252	12.604	12.604	(0.995)	943301	120.000	120(A)
* 84 Perylene-d12	264	12.668	12.668	(1.000)	317549	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.051	14.051	(1.109)	839304	120.000	130(A)
69 Dibenz(a,h)anthracene	278	14.080	14.080	(1.111)	864546	120.000	130(A)
70 Benzo(g,h,i)perylene	276	14.386	14.386	(1.136)	863808	120.000	130(A)

QC Flag Legend

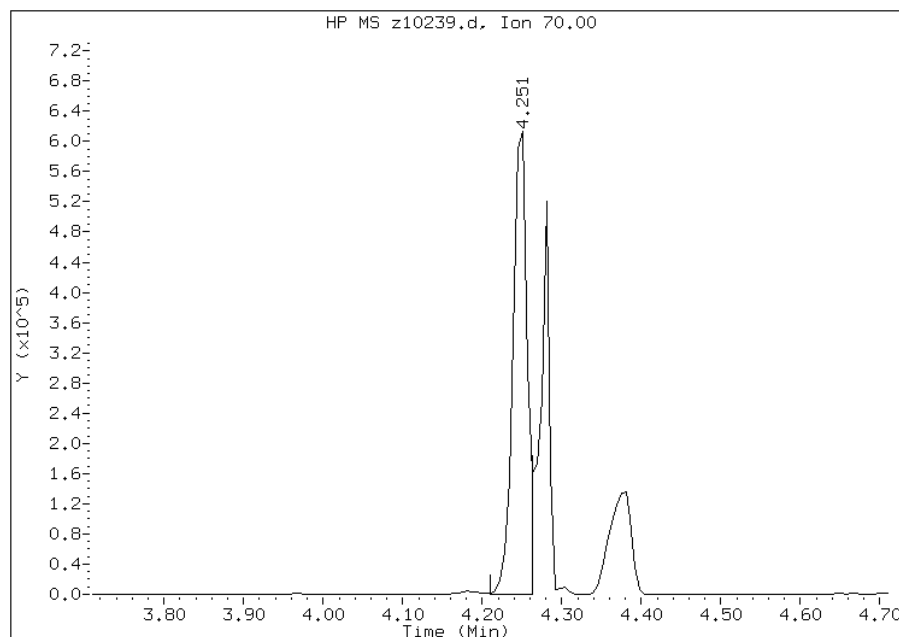
- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.
- H - Operator selected an alternate compound hit.

Manual Integration Report

Data File: z10239.d
Inj. Date and Time: 26-SEP-2011 11:35
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/28/2011

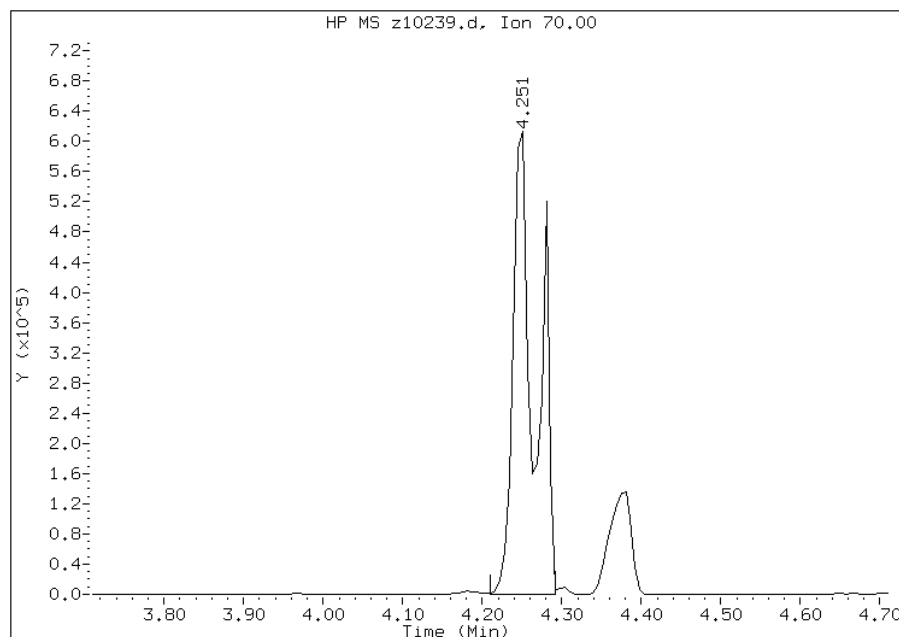
Processing Integration Results

RT: 4.25
Response: 790220
Amount: 87
Conc: 87



Manual Integration Results

RT: 4.25
Response: 1184362
Amount: 117
Conc: 117



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Report Date: 26-Sep-2011 14:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Lab Smp Id: IC-1143607
 Inj Date : 26-SEP-2011 12:00
 Operator : BNAMS 4
 Smp Info : IC-1143607
 Misc Info : 5ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:48 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 1

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.258	1.258	(0.333)	39549	5.00000	5.0(H)
19 N-Nitrosodimethylamine		74	1.452	1.452	(0.384)	49966	5.00000	5.0(H)
71 Pyridine		79	1.481	1.481	(0.392)	93008	5.00000	5.1(H)
\$ 16 2-Fluorophenol (SUR)		112	2.522	2.522	(0.667)	84110	5.00000	5.2(H)
110 Benzaldehyde		77	3.328	3.328	(0.880)	60180	5.00000	8.8
\$ 17 Phenol-d5 (SUR)		99	3.434	3.434	(0.908)	100512	5.00000	5.2(H)
1 Phenol		94	3.446	3.446	(0.911)	117001	5.00000	5.5
73 Aniline		93	3.446	3.446	(0.911)	119397	5.00000	5.2
20 bis(2-Chloroethyl)ether		93	3.516	3.516	(0.930)	7776	0.50000	0.47(aH)
2 2-Chlorophenol		128	3.569	3.569	(0.944)	91266	5.00000	5.4
113 n-decane		43	3.640	3.640	(0.963)	85265	5.00000	5.5
21 1,3-Dichlorobenzene		146	3.722	3.722	(0.984)	96901	5.00000	4.9(a)
* 79 1,4-Dichlorobenzene-d4		152	3.781	3.781	(1.000)	481230	40.0000	
22 1,4-Dichlorobenzene		146	3.793	3.793	(1.003)	97227	5.00000	4.9(a)
74 Benzyl Alcohol		108	3.928	3.928	(1.039)	45178	5.00000	5.1(H)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
 Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	91131	5.00000	5.0
3 2-Methylphenol	108	4.063	4.063	(1.075)	74829	5.00000	5.3
24 bis (2-chloroisopropyl) ether	45	4.069	4.069	(1.076)	98302	5.00000	5.7
122 o-Toluidine	107	4.187	4.187	(1.107)	93078	5.00000	5.0
104 Acetophenone	105	4.193	4.193	(1.109)	116638	5.00000	5.3(H)
4 4-Methylphenol	108	4.222	4.222	(1.117)	84569	5.00000	5.4
121 3 & 4 Methylphenol	108	4.222	4.222	(1.117)	84569	5.00000	5.4
25 N-Nitroso-di-n-propylamine	70	4.204	4.204	(1.112)	5481	0.50000	0.52
26 Hexachloroethane	117	4.293	4.293	(1.135)	3902	0.50000	0.51
\$ 76 Nitrobenzene-d5 (SUR)	82	4.340	4.340	(0.856)	89981	5.00000	5.0(H)
107 N,N-Dimethylaniline	120	4.369	4.369	(1.156)	9743	0.50000	0.43(aH)
27 Nitrobenzene	77	4.363	4.363	(0.861)	11214	0.50000	0.47(a)
28 Isophorone	82	4.610	4.610	(0.909)	142272	5.00000	5.2
5 2-Nitrophenol	139	4.687	4.687	(0.925)	44932	5.00000	5.1
6 2,4-Dimethylphenol	122	4.757	4.757	(0.938)	70927	5.00000	5.3
29 bis(2-Chloroethoxy)methane	93	4.846	4.846	(0.956)	86283	5.00000	5.1
7 2,4-Dichlorophenol	162	4.940	4.940	(0.974)	60414	5.00000	5.1
30 1,2,4-Trichlorobenzene	180	5.022	5.022	(0.991)	7238	0.50000	0.51
* 80 Naphthalene-d8	136	5.069	5.069	(1.000)	1758612	40.0000	
31 Naphthalene	128	5.087	5.087	(1.003)	234424	5.00000	4.8(a)
32 4-Chloroaniline	127	5.157	5.157	(1.017)	86585	5.00000	5.1
33 Hexachlorobutadiene	225	5.234	5.234	(1.032)	8776	1.00000	1.0
111 Caprolactam	113	5.481	5.481	(1.081)	19913	5.00000	5.5(H)
8 4-Chloro-3-methylphenol	107	5.675	5.675	(1.119)	63707	5.00000	5.2
34 2-Methylnaphthalene	142	5.787	5.787	(1.142)	142721	5.00000	4.9(a)
120 1-Methylnaphthalene	142	5.887	5.887	(1.161)	146432	5.00000	4.9(a)
35 Hexachlorocyclopentadiene	237	5.957	5.957	(0.873)	31840	5.00000	4.4(a)
9 2,4,6-Trichlorophenol	196	6.081	6.081	(0.891)	39632	5.00000	5.0
10 2,4,5-Trichlorophenol	196	6.122	6.122	(0.897)	41299	5.00000	5.1
\$ 77 2-Fluorobiphenyl (SUR)	172	6.163	6.163	(0.903)	144501	5.00000	4.8(a)
102 Diphenyl	154	6.257	6.257	(0.917)	178086	5.00000	5.0
36 2-Chloronaphthalene	162	6.269	6.269	(0.919)	124829	5.00000	4.9(a)
103 Diphenyl Ether	170	6.363	6.363	(0.933)	89063	5.00000	4.9(a)
37 2-Nitroaniline	65	6.381	6.381	(0.935)	91479	10.0000	11
38 Dimethylphthalate	163	6.575	6.575	(0.964)	129684	5.00000	5.0
114 Coumarin	146	6.575	6.575	(1.297)	44255	5.00000	5.2
40 2,6-Dinitrotoluene	165	6.622	6.622	(0.971)	5706	1.00000	0.98(a)
39 Acenaphthylene	152	6.675	6.675	(0.978)	202418	5.00000	5.0
41 3-Nitroaniline	138	6.787	6.787	(0.995)	63711	10.0000	10
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	842802	40.0000	
42 Acenaphthene	154	6.845	6.845	(1.003)	117719	5.00000	4.8(a)
11 2,4-Dinitrophenol	184	6.892	6.892	(1.010)	34052	15.0000	12(a)
12 4-Nitrophenol	65	6.987	6.987	(1.024)	75240	15.0000	15(H)
44 2,4-Dinitrotoluene	165	7.022	7.022	(1.029)	7682	1.00000	1.0
43 Dibenzofuran	168	7.016	7.016	(1.028)	161802	5.00000	4.9(a)
45 Diethylphthalate	149	7.269	7.269	(1.066)	135596	5.00000	5.2
46 4-Chlorophenyl-phenylether	204	7.363	7.363	(1.079)	61463	5.00000	5.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10240.d
Report Date: 26-Sep-2011 14:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.351	7.351	(1.078)	129285	5.00000	4.8(a)
48 4-Nitroaniline	138	7.381	7.381	(1.082)	59715	10.0000	11(H)
13 4,6-Dinitro-2-methylphenol	198	7.422	7.422	(0.898)	50149	15.0000	13(a)
49 N-Nitrosodiphenylamine	169	7.481	7.481	(0.905)	93882	5.00000	5.0
75 1,2-Diphenylhydrazine	77	7.516	7.516	(0.909)	135309	5.00000	4.1(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.592	7.592	(1.113)	19659	5.00000	5.0
50 4-Bromophenyl-phenylether	248	7.839	7.839	(0.948)	34880	5.00000	4.8(a)
51 Hexachlorobenzene	284	7.898	7.898	(0.955)	3777	0.50000	0.48(a)
112 Atrazine	200	8.016	8.016	(0.969)	32541	5.00000	5.4
14 Pentachlorophenol	266	8.098	8.098	(0.979)	55883	15.0000	13(a)
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	1188513	40.0000	
52 Phenanthrene	178	8.292	8.292	(1.003)	167466	5.00000	4.8(a)
53 Anthracene	178	8.339	8.339	(1.009)	169348	5.00000	4.8(a)
54 Carbazole	167	8.504	8.504	(1.028)	145870	5.00000	5.1
55 Di-n-butylphthalate	149	8.869	8.869	(1.073)	191104	5.00000	5.0
56 Fluoranthene	202	9.445	9.445	(1.142)	146240	5.00000	5.0
58 Benzidine	184	9.592	9.592	(1.160)	41134	10.0000	14
57 Pyrene	202	9.663	9.663	(0.886)	145925	5.00000	4.7(a)
\$ 78 Terphenyl-d14	244	9.833	9.833	(0.902)	99930	5.00000	4.6(a)
59 Butylbenzylphthalate	149	10.333	10.333	(0.948)	68264	5.00000	4.9(a)
60 3,3'-Dichlorobenzidine	252	10.880	10.880	(0.998)	70373	10.0000	11
61 Benzo(a)anthracene	228	10.892	10.892	(0.999)	13322	0.50000	0.57
* 81 Chrysene-d12	240	10.904	10.904	(1.000)	717143	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.975	10.975	(1.006)	87793	5.00000	4.8(a)
62 Chrysene	228	10.933	10.933	(1.003)	101423	5.00000	5.0
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	124738	5.00000	4.6(a)
65 Benzo(b)fluoranthene	252	12.175	12.175	(0.961)	7936	0.50000	0.49(aH)
66 Benzo(k)fluoranthene	252	12.210	12.210	(0.964)	9094	0.50000	0.50
67 Benzo(a)pyrene	252	12.586	12.586	(0.994)	6369	0.50000	0.48(a)
* 84 Perylene-d12	264	12.663	12.663	(1.000)	539191	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.027	14.027	(1.108)	4435	0.50000	0.41(aH)
69 Dibenz(a,h)anthracene	278	14.057	14.057	(1.110)	4610	0.50000	0.41(a)
70 Benzo(g,h,i)perylene	276	14.363	14.363	(1.134)	50736	5.00000	4.4(a)

QC Flag Legend

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

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Report Date: 26-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Lab Smp Id: IC-1143619
 Inj Date : 26-SEP-2011 12:25
 Operator : BNAMS 4
 Smp Info : IC-1143619
 Misc Info : 80ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:51 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 4

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.263	1.263	(0.334)	575682	80.0000	80
19 N-Nitrosodimethylamine		74	1.493	1.493	(0.394)	731326	80.0000	80(M)
71 Pyridine		79	1.516	1.516	(0.400)	1280897	80.0000	77
\$ 16 2-Fluorophenol (SUR)		112	2.545	2.545	(0.672)	1111873	80.0000	74
110 Benzaldehyde		77	3.340	3.340	(0.882)	163193	80.0000	31
\$ 17 Phenol-d5 (SUR)		99	3.469	3.469	(0.916)	1352900	80.0000	76
1 Phenol		94	3.481	3.481	(0.919)	1450023	80.0000	75
73 Aniline		93	3.463	3.463	(0.915)	1641906	80.0000	78
20 bis(2-Chloroethyl)ether		93	3.540	3.540	(0.935)	1166160	80.0000	78
2 2-Chlorophenol		128	3.592	3.592	(0.949)	1170003	80.0000	76
113 n-decane		43	3.651	3.651	(0.964)	1061101	80.0000	75
21 1,3-Dichlorobenzene		146	3.734	3.734	(0.986)	1445653	80.0000	81
* 79 1,4-Dichlorobenzene-d4		152	3.787	3.787	(1.000)	442724	40.0000	
22 1,4-Dichlorobenzene		146	3.804	3.804	(1.005)	1463380	80.0000	80
74 Benzyl Alcohol		108	3.957	3.957	(1.045)	699204	80.0000	83

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.957	3.957	(1.045)	1370485	80.0000	81
3 2-Methylphenol	108	4.087	4.087	(1.079)	974961	80.0000	76
24 bis (2-chloroisopropyl) ether	45	4.081	4.081	(1.078)	1150285	80.0000	74
122 o-Toluidine	107	4.204	4.204	(1.110)	1312826	80.0000	77
104 Acetophenone	105	4.222	4.222	(1.115)	1551924	80.0000	77
4 4-Methylphenol	108	4.251	4.251	(1.123)	1110988	80.0000	77
121 3 & 4 Methylphenol	108	4.251	4.251	(1.123)	1110988	80.0000	77
25 N-Nitroso-di-n-propylamine	70	4.234	4.234	(1.118)	761761	80.0000	79(M)
26 Hexachloroethane	117	4.298	4.298	(1.135)	559925	80.0000	80
\$ 76 Nitrobenzene-d5 (SUR)	82	4.369	4.369	(0.860)	1228125	80.0000	79
107 N,N-Dimethylaniline	120	4.392	4.392	(1.160)	1784095	80.0000	83
27 Nitrobenzene	77	4.392	4.392	(0.865)	1671209	80.0000	81
28 Isophorone	82	4.634	4.634	(0.912)	1812615	80.0000	77
5 2-Nitrophenol	139	4.704	4.704	(0.926)	595639	80.0000	79
6 2,4-Dimethylphenol	122	4.781	4.781	(0.941)	906400	80.0000	78
29 bis(2-Chloroethoxy)methane	93	4.863	4.863	(0.957)	1159706	80.0000	79
7 2,4-Dichlorophenol	162	4.957	4.957	(0.976)	801792	80.0000	78
30 1,2,4-Trichlorobenzene	180	5.028	5.028	(0.990)	963773	80.0000	80
* 80 Naphthalene-d8	136	5.081	5.081	(1.000)	1523775	40.0000	
31 Naphthalene	128	5.104	5.104	(1.005)	3421328	80.0000	82
32 4-Chloroaniline	127	5.169	5.169	(1.017)	1158732	80.0000	79
33 Hexachlorobutadiene	225	5.239	5.239	(1.031)	587162	80.0000	80
111 Caprolactam	113	5.581	5.581	(1.098)	226248	80.0000	73(H)
8 4-Chloro-3-methylphenol	107	5.698	5.698	(1.122)	810513	80.0000	77
34 2-Methylnaphthalene	142	5.798	5.798	(1.141)	2013641	80.0000	81
120 1-Methylnaphthalene	142	5.898	5.898	(1.161)	2055962	80.0000	80
35 Hexachlorocyclopentadiene	237	5.969	5.969	(0.874)	499374	80.0000	84
9 2,4,6-Trichlorophenol	196	6.098	6.098	(0.893)	499099	80.0000	79
10 2,4,5-Trichlorophenol	196	6.139	6.139	(0.899)	491883	80.0000	77
\$ 77 2-Fluorobiphenyl (SUR)	172	6.175	6.175	(0.904)	2005235	80.0000	82
102 Diphenyl	154	6.269	6.269	(0.918)	2396190	80.0000	83
36 2-Chloronaphthalene	162	6.281	6.281	(0.920)	1679713	80.0000	82
103 Diphenyl Ether	170	6.375	6.375	(0.934)	1186617	80.0000	82
37 2-Nitroaniline	65	6.398	6.398	(0.937)	495621	80.0000	73(H)
38 Dimethylphthalate	163	6.592	6.592	(0.966)	1649066	80.0000	80
114 Coumarin	146	6.598	6.598	(1.299)	558775	80.0000	77
40 2,6-Dinitrotoluene	165	6.645	6.645	(0.973)	380257	80.0000	81
39 Acenaphthylene	152	6.686	6.686	(0.979)	2572159	80.0000	80
41 3-Nitroaniline	138	6.804	6.804	(0.997)	394873	80.0000	79
* 82 Acenaphthene-d10	164	6.828	6.828	(1.000)	679392	40.0000	
42 Acenaphthene	154	6.863	6.863	(1.005)	1667752	80.0000	84
11 2,4-Dinitrophenol	184	6.910	6.910	(1.012)	210038	80.0000	88
12 4-Nitrophenol	65	7.010	7.010	(1.027)	303627	80.0000	78
44 2,4-Dinitrotoluene	165	7.045	7.045	(1.032)	477790	80.0000	80
43 Dibenzofuran	168	7.028	7.028	(1.029)	2209510	80.0000	82
45 Diethylphthalate	149	7.286	7.286	(1.067)	1678563	80.0000	80
46 4-Chlorophenyl-phenylether	204	7.375	7.375	(1.080)	814577	80.0000	83

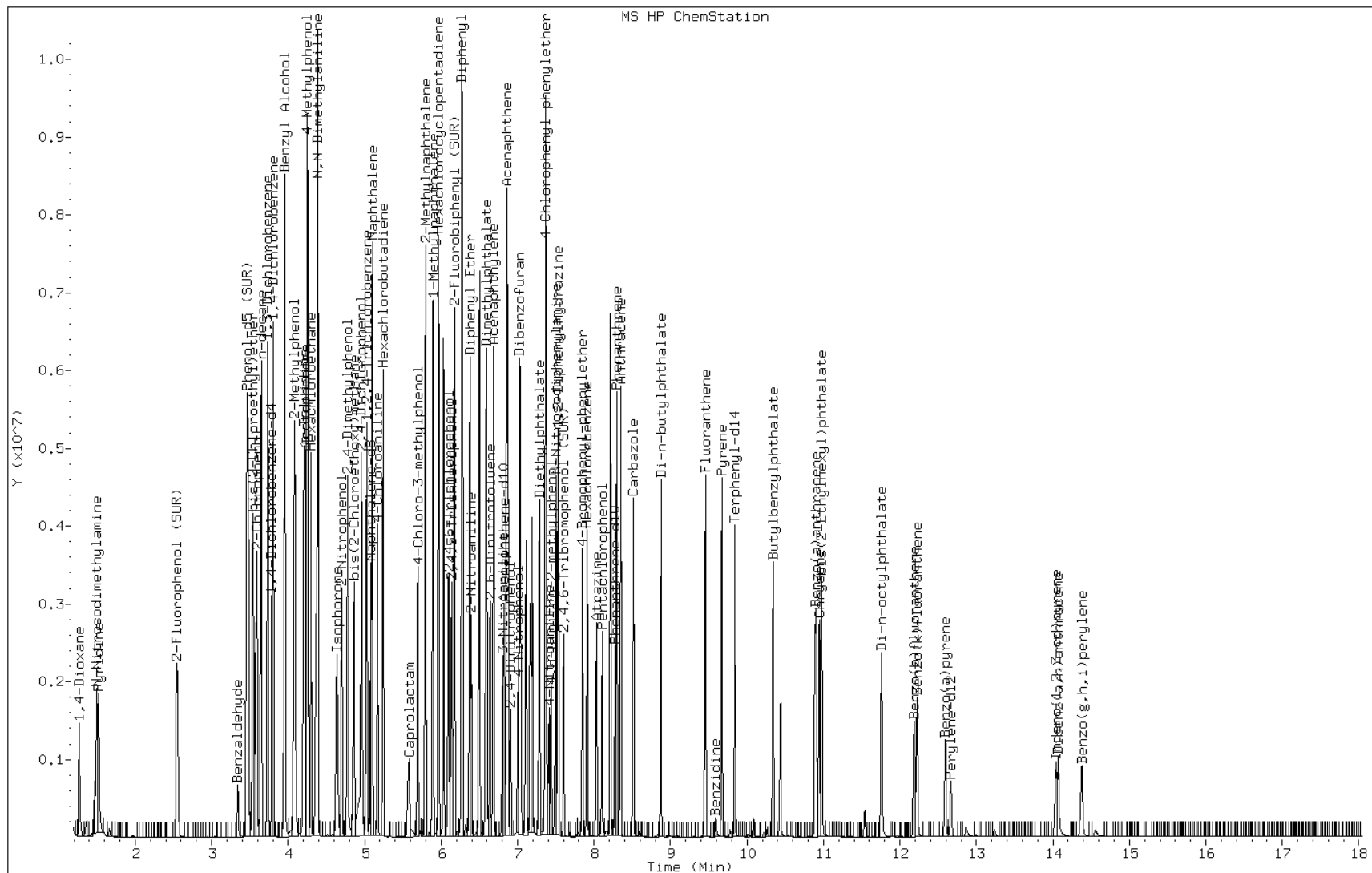
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10241.d
 Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.369	7.369	(1.079)	1781829	80.0000	82
48 4-Nitroaniline	138	7.410	7.410	(1.085)	321240	80.0000	76(H)
13 4,6-Dinitro-2-methylphenol	198	7.439	7.439	(0.899)	242376	80.0000	83
49 N-Nitrosodiphenylamine	169	7.498	7.498	(0.906)	1127131	80.0000	82
75 1,2-Diphenylhydrazine	77	7.527	7.527	(0.910)	2048547	80.0000	82
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.604	7.604	(1.114)	253515	80.0000	80
50 4-Bromophenyl-phenylether	248	7.851	7.851	(0.949)	448473	80.0000	82
51 Hexachlorobenzene	284	7.910	7.910	(0.956)	484806	80.0000	81
112 Atrazine	200	8.033	8.033	(0.971)	356221	80.0000	78
14 Pentachlorophenol	266	8.104	8.104	(0.979)	265821	80.0000	84
* 83 Phenanthrene-d10	188	8.275	8.275	(1.000)	895259	40.0000	
52 Phenanthrene	178	8.298	8.298	(1.003)	2084154	80.0000	80
53 Anthracene	178	8.351	8.351	(1.009)	2117856	80.0000	80
54 Carbazole	167	8.516	8.516	(1.029)	1681676	80.0000	79
55 Di-n-butylphthalate	149	8.874	8.874	(1.073)	2365459	80.0000	82
56 Fluoranthene	202	9.457	9.457	(1.143)	1759867	80.0000	81
58 Benzidine	184	9.598	9.598	(1.160)	82227	80.0000	34
57 Pyrene	202	9.674	9.674	(0.887)	1690783	80.0000	79
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	1235832	80.0000	82
59 Butylbenzylphthalate	149	10.339	10.339	(0.948)	795690	80.0000	82
60 3,3'-Dichlorobenzidine	252	10.886	10.886	(0.998)	321234	80.0000	74
61 Benzo(a)anthracene	228	10.898	10.898	(0.999)	1183448	80.0000	76
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	502697	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	1098280	80.0000	84
62 Chrysene	228	10.945	10.945	(1.003)	1124321	80.0000	80
64 Di-n-octylphthalate	149	11.763	11.763	(0.928)	1485433	80.0000	84
65 Benzo(b)fluoranthene	252	12.186	12.186	(0.962)	858074	80.0000	82
66 Benzo(k)fluoranthene	252	12.221	12.221	(0.965)	930503	80.0000	80
67 Benzo(a)pyrene	252	12.592	12.592	(0.994)	691674	80.0000	82
* 84 Perylene-d12	264	12.668	12.668	(1.000)	350676	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.039	14.039	(1.108)	621458	80.0000	89
69 Dibenz(a,h)anthracene	278	14.074	14.074	(1.111)	626513	80.0000	86
70 Benzo(g,h,i)perylene	276	14.380	14.380	(1.135)	637516	80.0000	85

QC Flag Legend

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

Operator: BNAMS 4

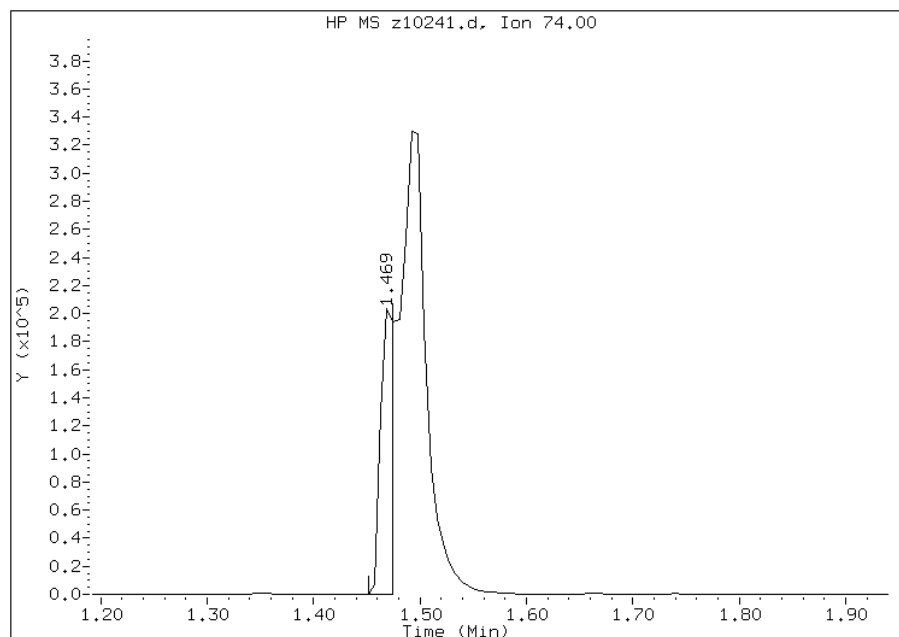


Manual Integration Report

Data File: z10241.d
Inj. Date and Time: 26-SEP-2011 12:25
Instrument ID: BNAMS11.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 09/28/2011

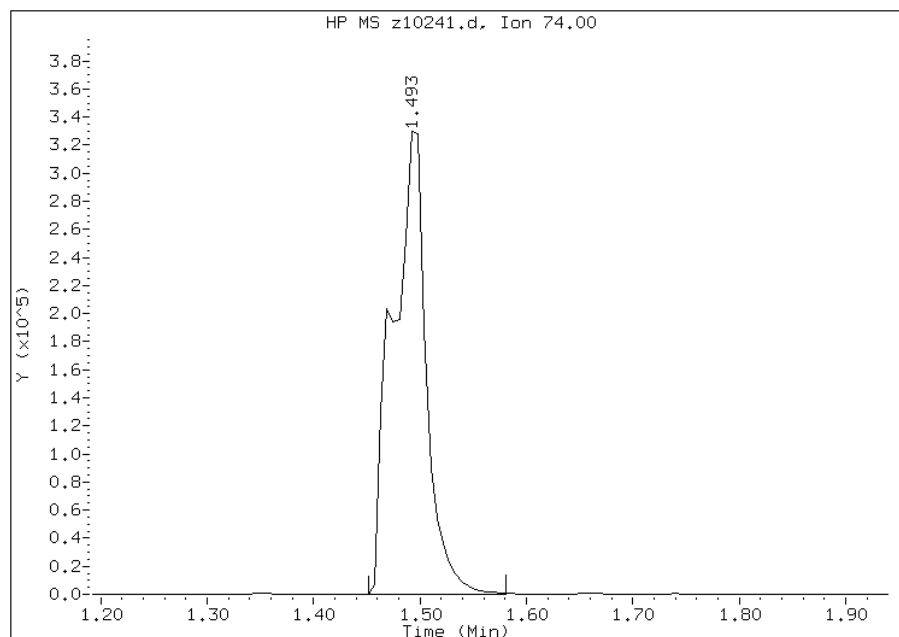
Processing Integration Results

RT: 1.47
Response: 188529
Amount: 25
Conc: 25



Manual Integration Results

RT: 1.49
Response: 731326
Amount: 80
Conc: 80



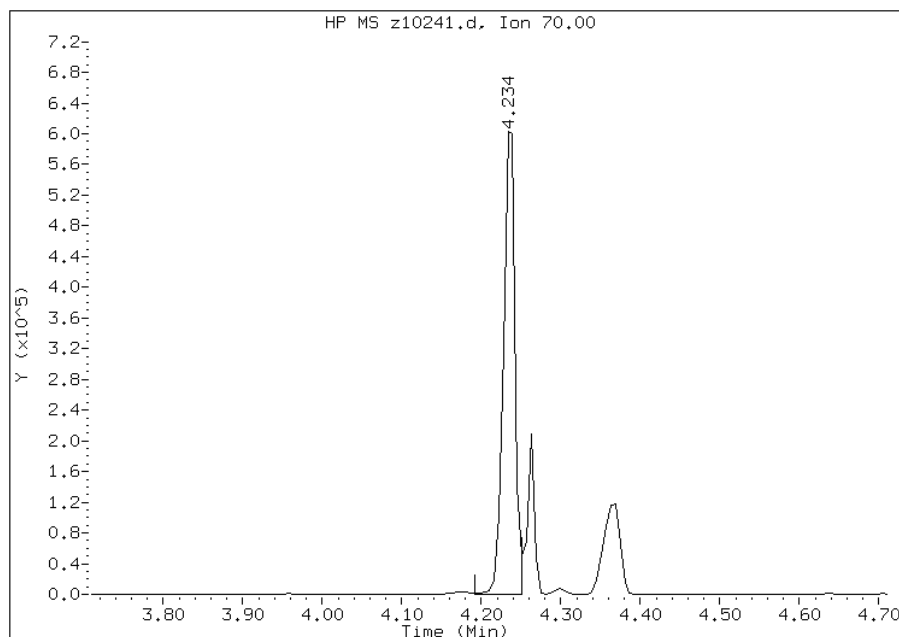
Manually Integrated By: rusin
Manual Integration Reason:

Manual Integration Report

Data File: z10241.d
Inj. Date and Time: 26-SEP-2011 12:25
Instrument ID: BNAMS11.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 09/28/2011

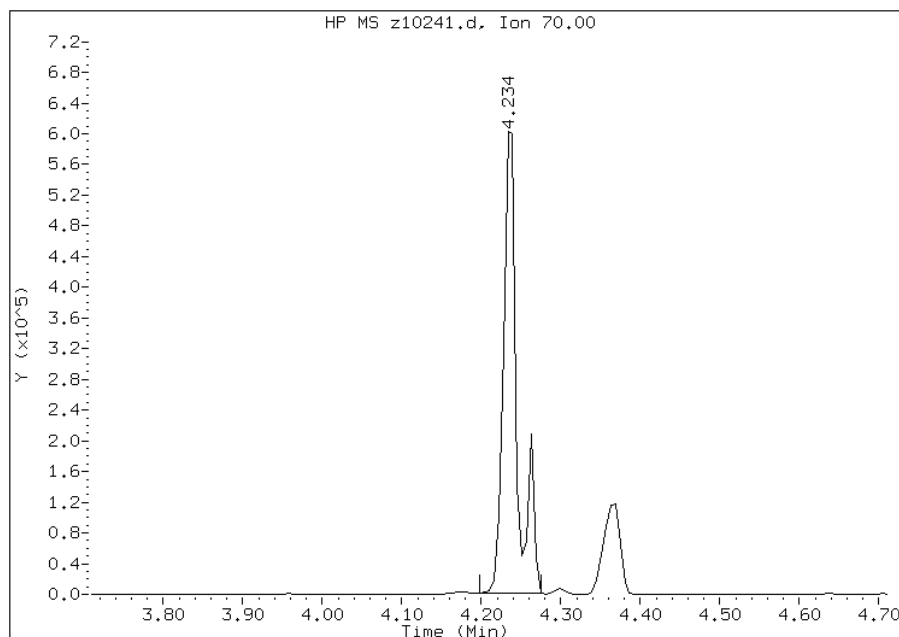
Processing Integration Results

RT: 4.23
Response: 650978
Amount: 70
Conc: 70



Manual Integration Results

RT: 4.23
Response: 761761
Amount: 79
Conc: 79



Manually Integrated By: rusin
Manual Integration Reason:

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Report Date: 26-Sep-2011 14:51

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Lab Smp Id: IC-1143617
 Inj Date : 26-SEP-2011 12:50
 Operator : BNAMS 4
 Smp Info : IC-1143617
 Misc Info : 20ppm bna4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/8270Cdel_08.m
 Meth Date : 26-Sep-2011 14:51 monica
 Cal Date : 26-SEP-2011 10:59
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10238.d

Calibration Sample, Level: 2

Compound Sublist: all.sub

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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.240	1.240	(0.328)	146923	20.0000	20	
19 N-Nitrosodimethylamine	74	1.440	1.440	(0.381)	192276	20.0000	20	
71 Pyridine	79	1.469	1.469	(0.389)	357490	20.0000	21(H)	
\$ 16 2-Fluorophenol (SUR)	112	2.522	2.522	(0.667)	338660	20.0000	22	
110 Benzaldehyde	77	3.328	3.328	(0.880)	108891	20.0000	20	
\$ 17 Phenol-d5 (SUR)	99	3.440	3.440	(0.910)	388322	20.0000	21	
1 Phenol	94	3.451	3.451	(0.913)	406795	20.0000	20	
73 Aniline	93	3.445	3.445	(0.911)	449234	20.0000	20	
20 bis(2-Chloroethyl)ether	93	3.522	3.522	(0.932)	299892	20.0000	19	
2 2-Chlorophenol	128	3.569	3.569	(0.944)	330506	20.0000	21	
113 n-decane	43	3.640	3.640	(0.963)	313830	20.0000	21	
21 1,3-Dichlorobenzene	146	3.722	3.722	(0.984)	360605	20.0000	19	
* 79 1,4-Dichlorobenzene-d4	152	3.781	3.781	(1.000)	461263	40.0000		
22 1,4-Dichlorobenzene	146	3.798	3.798	(1.005)	366504	20.0000	19	
74 Benzyl Alcohol	108	3.934	3.934	(1.040)	183784	20.0000	21	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.951	3.951	(1.045)	339331	20.0000	19
3 2-Methylphenol	108	4.069	4.069	(1.076)	267751	20.0000	20
24 bis (2-chloroisopropyl) ether	45	4.075	4.075	(1.078)	337918	20.0000	21
122 o-Toluidine	107	4.192	4.192	(1.109)	357891	20.0000	20
104 Acetophenone	105	4.198	4.198	(1.110)	425685	20.0000	20(H)
4 4-Methylphenol	108	4.228	4.228	(1.118)	305369	20.0000	20
121 3 & 4 Methylphenol	108	4.228	4.228	(1.118)	305369	20.0000	20
25 N-Nitroso-di-n-propylamine	70	4.210	4.210	(1.114)	202965	20.0000	20
26 Hexachloroethane	117	4.292	4.292	(1.135)	143034	20.0000	20
\$ 76 Nitrobenzene-d5 (SUR)	82	4.345	4.345	(0.856)	345097	20.0000	20
107 N,N-Dimethylaniline	120	4.375	4.375	(1.157)	464131	20.0000	21
27 Nitrobenzene	77	4.369	4.369	(0.861)	451006	20.0000	20
28 Isophorone	82	4.616	4.616	(0.910)	508998	20.0000	20
5 2-Nitrophenol	139	4.692	4.692	(0.925)	159377	20.0000	20
6 2,4-Dimethylphenol	122	4.763	4.763	(0.939)	255648	20.0000	20
29 bis(2-Chloroethoxy)methane	93	4.851	4.851	(0.956)	307431	20.0000	19
7 2,4-Dichlorophenol	162	4.945	4.945	(0.974)	219774	20.0000	20
30 1,2,4-Trichlorobenzene	180	5.022	5.022	(0.990)	251330	20.0000	19
* 80 Naphthalene-d8	136	5.075	5.075	(1.000)	1648893	40.0000	
31 Naphthalene	128	5.092	5.092	(1.003)	861322	20.0000	19
32 4-Chloroaniline	127	5.163	5.163	(1.017)	311012	20.0000	20
33 Hexachlorobutadiene	225	5.234	5.234	(1.031)	154376	20.0000	19
111 Caprolactam	113	5.516	5.516	(1.087)	68689	20.0000	20
8 4-Chloro-3-methylphenol	107	5.681	5.681	(1.119)	228816	20.0000	20
34 2-Methylnaphthalene	142	5.792	5.792	(1.141)	511123	20.0000	19
120 1-Methylnaphthalene	142	5.886	5.886	(1.160)	541525	20.0000	20
35 Hexachlorocyclopentadiene	237	5.963	5.963	(0.874)	127692	20.0000	19
9 2,4,6-Trichlorophenol	196	6.086	6.086	(0.892)	138594	20.0000	20
10 2,4,5-Trichlorophenol	196	6.128	6.128	(0.898)	145067	20.0000	20
\$ 77 2-Fluorobiphenyl (SUR)	172	6.169	6.169	(0.904)	548566	20.0000	20
102 Diphenyl	154	6.263	6.263	(0.918)	625550	20.0000	19
36 2-Chloronaphthalene	162	6.269	6.269	(0.919)	440816	20.0000	19
103 Diphenyl Ether	170	6.369	6.369	(0.934)	311896	20.0000	19
37 2-Nitroaniline	65	6.386	6.386	(0.936)	170980	20.0000	23
38 Dimethylphthalate	163	6.581	6.581	(0.965)	441674	20.0000	19
114 Coumarin	146	6.581	6.581	(1.297)	153636	20.0000	20
40 2,6-Dinitrotoluene	165	6.628	6.628	(0.972)	101888	20.0000	19
39 Acenaphthylene	152	6.675	6.675	(0.978)	702295	20.0000	20
41 3-Nitroaniline	138	6.792	6.792	(0.996)	106940	20.0000	19
* 82 Acenaphthene-d10	164	6.822	6.822	(1.000)	758667	40.0000	
42 Acenaphthene	154	6.851	6.851	(1.004)	424019	20.0000	19
11 2,4-Dinitrophenol	184	6.898	6.898	(1.011)	75970	30.0000	28
12 4-Nitrophenol	65	6.992	6.992	(1.025)	127312	30.0000	29
44 2,4-Dinitrotoluene	165	7.028	7.028	(1.030)	128478	20.0000	19
43 Dibenzofuran	168	7.022	7.022	(1.029)	575294	20.0000	19
45 Diethylphthalate	149	7.275	7.275	(1.066)	452350	20.0000	19
46 4-Chlorophenyl-phenylether	204	7.369	7.369	(1.080)	207393	20.0000	19

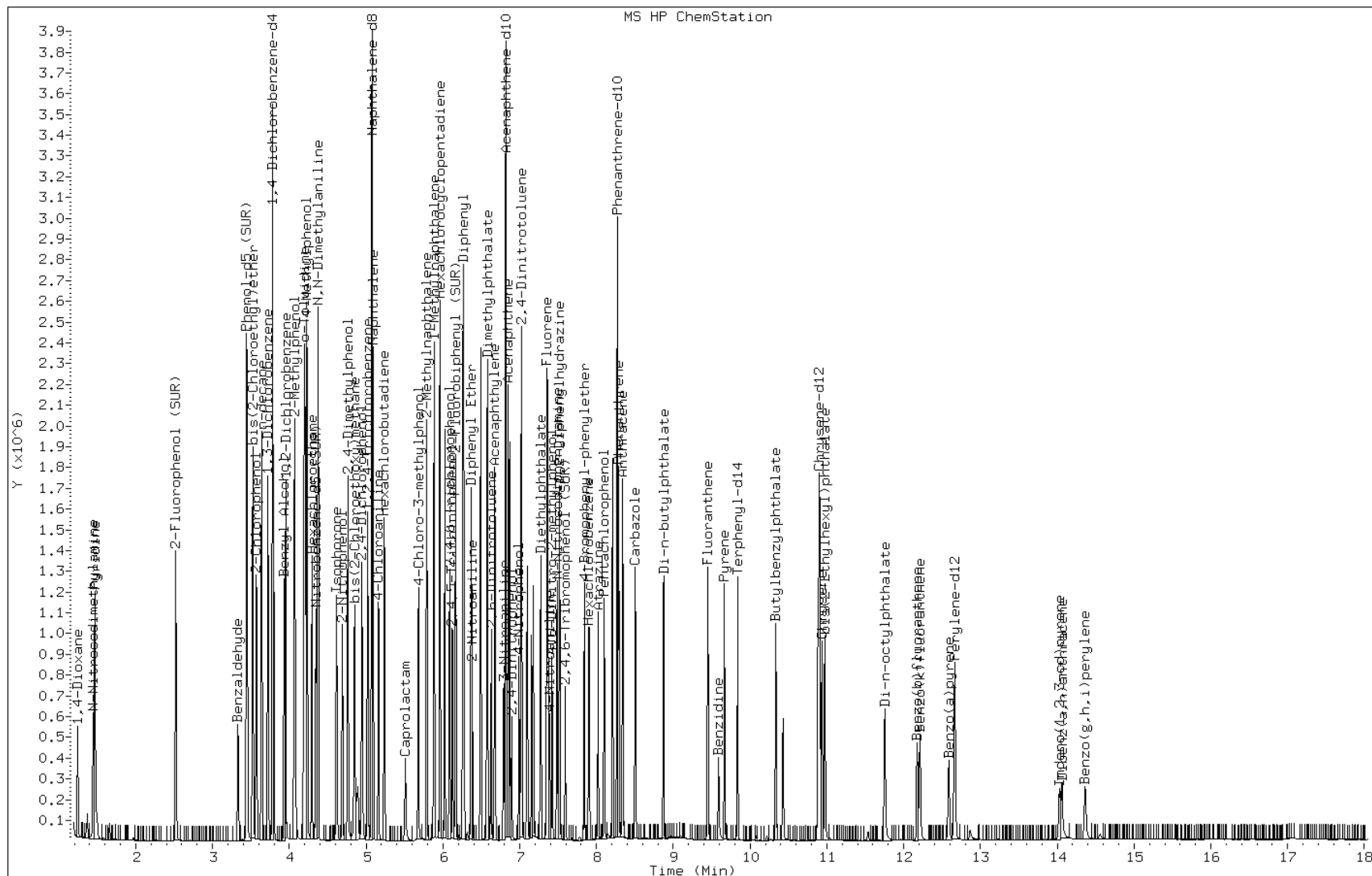
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10242.d
 Report Date: 26-Sep-2011 14:51

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.357	7.357	(1.078)	458420	20.0000	19
48 4-Nitroaniline	138	7.386	7.386	(1.083)	93830	20.0000	20(H)
13 4,6-Dinitro-2-methylphenol	198	7.422	7.422	(0.898)	96922	30.0000	30
49 N-Nitrosodiphenylamine	169	7.486	7.486	(0.905)	278497	20.0000	18
75 1,2-Diphenylhydrazine	77	7.522	7.522	(0.910)	550877	20.0000	20
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.592	7.592	(1.113)	69969	20.0000	20
50 4-Bromophenyl-phenylether	248	7.839	7.839	(0.948)	117201	20.0000	19
51 Hexachlorobenzene	284	7.904	7.904	(0.956)	128666	20.0000	20
112 Atrazine	200	8.022	8.022	(0.970)	104433	20.0000	21
14 Pentachlorophenol	266	8.098	8.098	(0.979)	105887	30.0000	30
* 83 Phenanthrene-d10	188	8.269	8.269	(1.000)	991854	40.0000	
52 Phenanthrene	178	8.292	8.292	(1.003)	558802	20.0000	19
53 Anthracene	178	8.339	8.339	(1.009)	568674	20.0000	20
54 Carbazole	167	8.504	8.504	(1.028)	456260	20.0000	19
55 Di-n-butylphthalate	149	8.874	8.874	(1.073)	631093	20.0000	20
56 Fluoranthene	202	9.451	9.451	(1.143)	471488	20.0000	20
58 Benzidine	184	9.592	9.592	(1.160)	143696	30.0000	53
57 Pyrene	202	9.669	9.669	(0.886)	457501	20.0000	18
\$ 78 Terphenyl-d14	244	9.839	9.839	(0.902)	340060	20.0000	19
59 Butylbenzylphthalate	149	10.333	10.333	(0.947)	217855	20.0000	19
60 3,3'-Dichlorobenzidine	252	10.880	10.880	(0.997)	150156	30.0000	30
61 Benzo(a)anthracene	228	10.892	10.892	(0.998)	336541	20.0000	18
* 81 Chrysene-d12	240	10.910	10.910	(1.000)	586240	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.974	10.974	(1.006)	295605	20.0000	19
62 Chrysene	228	10.933	10.933	(1.002)	323952	20.0000	20
64 Di-n-octylphthalate	149	11.757	11.757	(0.928)	417956	20.0000	20
65 Benzo(b)fluoranthene	252	12.180	12.180	(0.962)	236027	20.0000	19
66 Benzo(k)fluoranthene	252	12.210	12.210	(0.964)	279479	20.0000	20
67 Benzo(a)pyrene	252	12.586	12.586	(0.994)	195442	20.0000	19
* 84 Perylene-d12	264	12.662	12.662	(1.000)	423190	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.027	14.027	(1.108)	152350	20.0000	18
69 Dibenz(a,h)anthracene	278	14.062	14.062	(1.111)	169124	20.0000	19
70 Benzo(g,h,i)perylene	276	14.362	14.362	(1.134)	170589	20.0000	19

QC Flag Legend

H - Operator selected an alternate compound hit.

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-88920/2 Calibration Date: 10/08/2011 02:46
 Instrument ID: BNAMS10 Calib Start Date: 09/28/2011 00:31
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/28/2011 03:04
 Lab File ID: p20033.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9823	0.4759	0.0500	24200	50000	-51.5*	25.0
N-Nitrosodimethylamine	Ave	1.007	0.8065	0.0500	40000	50000	-19.9	25.0
Pyridine	Ave	1.749	1.367	0.0500	39100	50000	-21.9	25.0
Benzaldehyde	Ave	0.4870	0.4157	0.0500	42700	50000	-14.6	25.0
Aniline	Ave	1.711	1.819	0.0500	53100	50000	6.3	25.0
Phenol	Ave	1.532	1.551	0.0500	50600	50000	1.2	25.0
Bis(2-chloroethyl)ether	Ave	1.149	1.242	0.0500	54000	50000	8.1	25.0
2-Chlorophenol	Ave	1.175	1.232	0.0500	52400	50000	4.8	25.0
n-Decane	Ave	1.036	1.069	0.0500	51600	50000	3.1	25.0
1,3-Dichlorobenzene	Ave	1.568	1.563	0.0500	49800	50000	-0.3	25.0
1,4-Dichlorobenzene	Ave	1.585	1.581	0.0500	49900	50000	-0.2	25.0
1,2-Dichlorobenzene	Ave	1.445	1.508	0.0500	52200	50000	4.3	25.0
Benzyl alcohol	Ave	0.6625	0.7755	0.0500	58500	50000	17.1	25.0
2,2'-oxybis[1-chloropropane]	Ave	0.8911	1.019	0.0500	57200	50000	14.4	25.0
2-Methylphenol	Ave	0.9689	1.095	0.0500	56500	50000	13.0	25.0
Acetophenone	Ave	1.539	1.610	0.0500	52300	50000	4.6	25.0
N-Nitrosodi-n-propylamine	Ave	0.7435	0.8448	0.0500	56800	50000	13.6	25.0
3 & 4 Methylphenol	Ave	1.083	1.172	0.0500	54100	50000	8.2	25.0
4-Methylphenol	Ave	1.083	1.172	0.0500	54100	50000	8.2	25.0
Hexachloroethane	Ave	0.5836	0.6078	0.0500	52100	50000	4.2	25.0
Nitrobenzene	Ave	0.6337	0.6432	0.0500	50700	50000	1.5	25.0
n,n'-Dimethylaniline	Ave	1.577	1.772	0.0500	56200	50000	12.3	25.0
Isophorone	Ave	0.6427	0.6919	0.0500	53800	50000	7.7	25.0
2-Nitrophenol	Ave	0.2003	0.2119	0.0500	52900	50000	5.8	25.0
2,4-Dimethylphenol	Ave	0.3075	0.3328	0.0500	54100	50000	8.2	25.0
Bis(2-chloroethoxy)methane	Ave	0.3763	0.4019	0.0500	53400	50000	6.8	25.0
2,4-Dichlorophenol	Ave	0.3018	0.3200	0.0500	53000	50000	6.0	25.0
1,2,4-Trichlorobenzene	Ave	0.3967	0.3871	0.0500	48800	50000	-2.4	25.0
Naphthalene	Ave	1.015	1.026	0.0500	50500	50000	1.1	25.0
4-Chloroaniline	Ave	0.3522	0.3625	0.0500	51500	50000	2.9	25.0
Hexachlorobutadiene	Ave	0.2525	0.2483	0.0500	49200	50000	-1.7	25.0
Caprolactam	Ave	0.0686	0.0719	0.0500	52400	50000	4.8	25.0
4-Chloro-3-methylphenol	Ave	0.2595	0.2835	0.0500	54600	50000	9.3	25.0
2-Methylnaphthalene	Ave	0.6492	0.6726	0.0500	51800	50000	3.6	25.0
1-Methylnaphthalene	Ave	0.6579	0.6841	0.0500	52000	50000	4.0	25.0
Hexachlorocyclopentadiene	Ave	0.4643	0.4645	0.0500	50000	50000	0.0	25.0
2,4,6-Trichlorophenol	Ave	0.3973	0.4070	0.0500	51200	50000	2.4	25.0
2,4,5-Trichlorophenol	Ave	0.3985	0.4085	0.0500	51200	50000	2.5	25.0
1,1'-Biphenyl	Ave	1.540	1.521	0.0500	49400	50000	-1.2	25.0
2-Chloronaphthalene	Ave	1.219	1.223	0.0500	50200	50000	0.3	25.0
Phenyl ether	Ave	0.8693	0.8562	0.0500	49200	50000	-1.5	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCVIS 460-88920/2 Calibration Date: 10/08/2011 02:46

Instrument ID: BNAMS10 Calib Start Date: 09/28/2011 00:31

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/28/2011 03:04

Lab File ID: p20033.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.3997	0.4307	0.0500	53900	50000	7.7	25.0
Coumarin	Ave	0.1738	0.1794	0.0500	51600	50000	3.3	25.0
Dimethyl phthalate	Ave	1.104	1.074	0.0500	48600	50000	-2.7	25.0
2,6-Dinitrotoluene	Ave	0.2499	0.2556	0.0500	51200	50000	2.3	25.0
Acenaphthylene	Ave	1.649	1.619	0.0500	49100	50000	-1.9	25.0
3-Nitroaniline	Ave	0.2470	0.2494	0.0500	50500	50000	1.0	25.0
Acenaphthene	Ave	1.033	1.047	0.0500	50700	50000	1.3	25.0
2,4-Dinitrophenol	Ave	0.1293	0.1405	0.0500	54300	50000	8.6	25.0
4-Nitrophenol	Ave	0.1938	0.1993	0.0500	51400	50000	2.8	25.0
Dibenzofuran	Ave	1.488	1.460	0.0500	49100	50000	-1.9	25.0
2,4-Dinitrotoluene	Ave	0.3169	0.2999	0.0500	47300	50000	-5.4	25.0
Diethyl phthalate	Ave	0.9944	0.9806	0.0500	49300	50000	-1.4	25.0
Fluorene	Ave	1.187	1.159	0.0500	48800	50000	-2.3	25.0
4-Chlorophenyl phenyl ether	Ave	0.6151	0.5966	0.0500	48500	50000	-3.0	25.0
4-Nitroaniline	Ave	0.2176	0.1861	0.0500	42800	50000	-14.5	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1360	0.1481	0.0500	54500	50000	8.9	25.0
N-Nitrosodiphenylamine	Ave	0.5843	0.6151	0.0500	52600	50000	5.3	25.0
1,2-Diphenylhydrazine	Ave	1.035	1.147	0.0500	55400	50000	10.8	25.0
4-Bromophenyl phenyl ether	Ave	0.2515	0.2716	0.0500	54000	50000	8.0	25.0
Hexachlorobenzene	Ave	0.2572	0.2671	0.0500	51900	50000	3.8	25.0
Atrazine	Ave	0.2199	0.2085	0.0500	47400	50000	-5.2	25.0
Pentachlorophenol	Ave	0.1330	0.1542	0.0500	58000	50000	15.9	25.0
Phenanthrene	Ave	1.094	1.066	0.0500	48700	50000	-2.6	25.0
Anthracene	Ave	1.109	1.097	0.0500	49400	50000	-1.1	25.0
Carbazole	Ave	0.9141	0.8737	0.0500	47800	50000	-4.4	25.0
Di-n-butyl phthalate	Ave	1.080	1.061	0.0500	49100	50000	-1.8	25.0
Fluoranthene	Ave	1.061	0.9875	0.0500	46500	50000	-6.9	25.0
Benzidine	Ave	0.1636	0.0934	0.0500	28600	50000	-42.9*	25.0
Pyrene	Ave	1.448	1.516	0.0500	52300	50000	4.7	25.0
Butyl benzyl phthalate	Ave	0.5855	0.6220	0.0500	53100	50000	6.2	25.0
2,3,7,8-TCDD	Ave	0.1182	0.1272	0.0500	538	500	7.7	25.0
3,3'-Dichlorobenzidine	Ave	0.3891	0.3864	0.0500	49700	50000	-0.7	25.0
Benzo[a]anthracene	Ave	1.165	1.154	0.0500	49500	50000	-1.0	25.0
Chrysene	Ave	1.090	1.035	0.0500	47400	50000	-5.1	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7859	0.8203	0.0500	52200	50000	4.4	25.0
Di-n-octyl phthalate	Ave	1.468	1.596	0.0500	54300	50000	8.7	25.0
Benzo[b]fluoranthene	Ave	1.213	1.272	0.0500	52500	50000	4.9	25.0
Benzo[k]fluoranthene	Ave	1.305	1.243	0.0500	47600	50000	-4.8	25.0
Benzo[a]pyrene	Ave	1.086	1.063	0.0500	48900	50000	-2.1	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.9584	0.9895	0.0500	51600	50000	3.2	25.0
Dibenz(a,h)anthracene	Ave	0.9645	0.9779	0.0500	50700	50000	1.4	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: CCVIS 460-88920/2 Calibration Date: 10/08/2011 02:46
Instrument ID: BNAMS10 Calib Start Date: 09/28/2011 00:31
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/28/2011 03:04
Lab File ID: p20033.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	1.025	1.003	0.0500	48900	50000	-2.2	25.0
2-Fluorophenol (Surr)	Ave	1.232	1.286	0.0500	52200	50000	4.4	25.0
Phenol-d5 (Surr)	Ave	1.414	1.526	0.0500	53900	50000	7.9	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4565	0.4660	0.0500	51000	50000	2.1	25.0
2-Fluorobiphenyl	Ave	1.435	1.369	0.0500	47700	50000	-4.7	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1597	0.1694	0.0500	53100	50000	6.1	25.0
Terphenyl-d14 (Surr)	Ave	0.9916	1.054	0.0500	53100	50000	6.3	25.0

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20033.d
 Report Date: 08-Oct-2011 03:48

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20033.d
 Lab Smp Id: CCVIS-1143618
 Inj Date : 08-OCT-2011 02:46
 Operator : BNAMS 4
 Smp Info : CCVIS-1143618
 Misc Info : 50 ppm BNA 4587
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
 Meth Date : 08-Oct-2011 03:48 asfawa
 Cal Date : 08-OCT-2011 02:46
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD

Cal File: p20033.d

Continuing Calibration Sample

Compound Sublist: all.sub

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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT	ON -COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.064	1.064	(0.281)	486190	50.0000	24	
19 N-Nitrosodimethylamine	74	1.276	1.276	(0.337)	823900	50.0000	40	
71 Pyridine	79	1.287	1.287	(0.340)	1396587	50.0000	39	
\$ 16 2-Fluorophenol (SUR)	112	2.416	2.416	(0.637)	1313685	50.0000	52	
110 Benzaldehyde	77	3.285	3.285	(0.867)	424696	50.0000	43	
\$ 17 Phenol-d5 (SUR)	99	3.444	3.444	(0.909)	1558505	50.0000	54	
1 Phenol	94	3.461	3.461	(0.913)	1584133	50.0000	51	
73 Aniline	93	3.420	3.420	(0.902)	1857688	50.0000	53	
20 bis(2-Chloroethyl)ether	93	3.520	3.520	(0.929)	1268993	50.0000	54	
2 2-Chlorophenol	128	3.561	3.561	(0.940)	1258482	50.0000	52	
113 n-decane	43	3.655	3.655	(0.964)	1091611	50.0000	52	
21 1,3-Dichlorobenzene	146	3.720	3.720	(0.981)	1596963	50.0000	50	
* 79 1,4-Dichlorobenzene-d4	152	3.790	3.790	(1.000)	817233	40.0000		
22 1,4-Dichlorobenzene	146	3.808	3.808	(1.005)	1614959	50.0000	50	
74 Benzyl Alcohol	108	3.978	3.978	(1.050)	792199	50.0000	58	

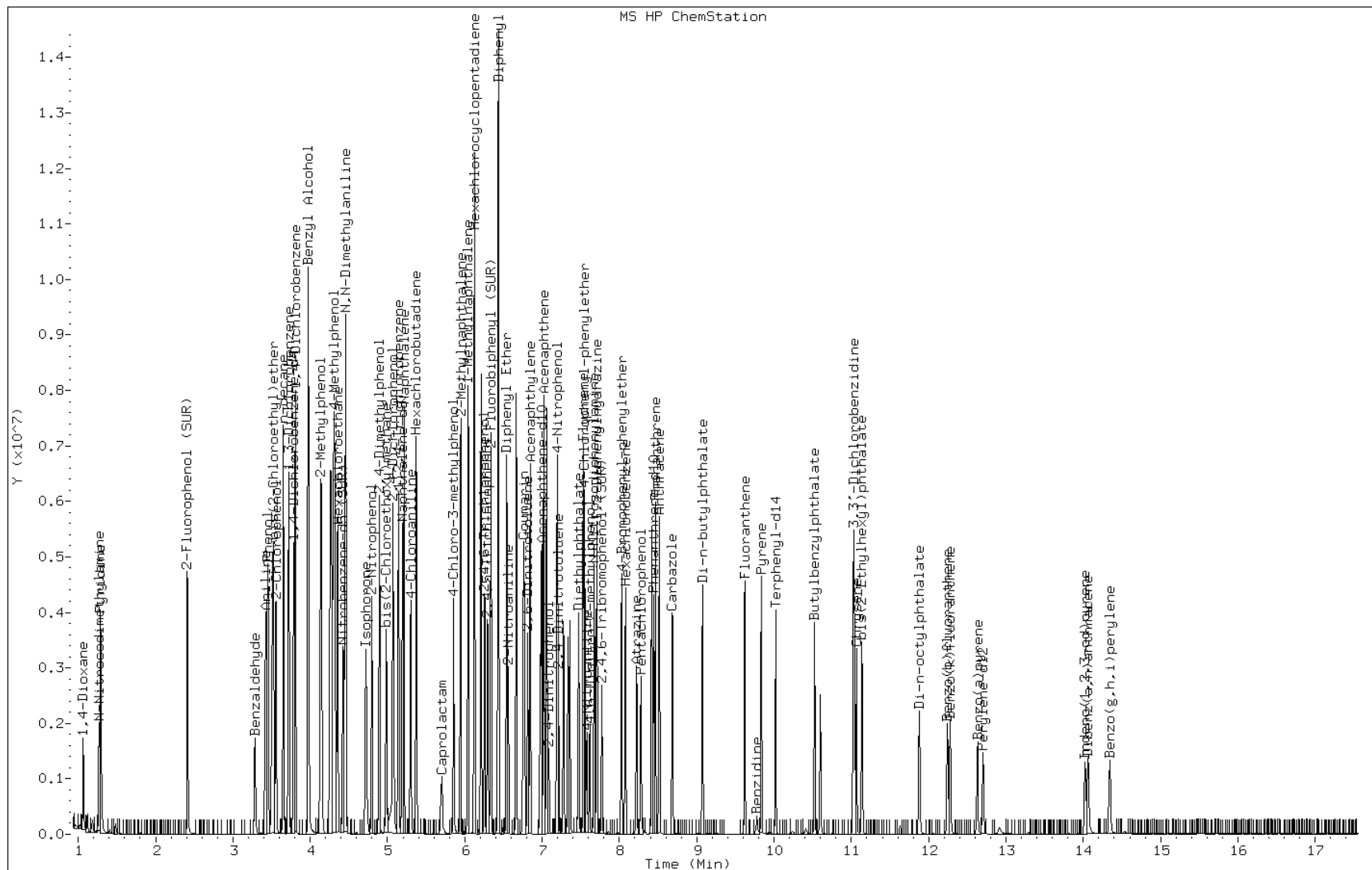
Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20033.d
 Report Date: 08-Oct-2011 03:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.978	3.978	(1.050)	1540574	50.0000	52
3 2-Methylphenol	108	4.143	4.143	(1.093)	1118481	50.0000	56
24 bis (2-chloroisopropyl) ether	45	4.137	4.137	(1.091)	1040948	50.0000	57
104 Acetophenone	105	4.272	4.272	(1.127)	1644620	50.0000	52
4 4-Methylphenol	108	4.319	4.319	(1.139)	1197358	50.0000	54
121 3 & 4 Methylphenol	108	4.319	4.319	(1.139)	1197358	50.0000	54
25 N-Nitroso-di-n-propylamine	70	4.296	4.296	(1.133)	863034	50.0000	57
26 Hexachloroethane	117	4.355	4.355	(1.149)	620935	50.0000	52
\$ 76 Nitrobenzene-d5 (SUR)	82	4.425	4.425	(0.852)	1397067	50.0000	51
107 N,N-Dimethylaniline	120	4.460	4.460	(1.177)	1809690	50.0000	56
27 Nitrobenzene	77	4.449	4.449	(0.856)	1928330	50.0000	51
28 Isophorone	82	4.725	4.725	(0.910)	2074301	50.0000	54
5 2-Nitrophenol	139	4.795	4.795	(0.923)	635309	50.0000	53
6 2,4-Dimethylphenol	122	4.895	4.895	(0.942)	997695	50.0000	54
29 bis(2-Chloroethoxy)methane	93	4.983	4.983	(0.959)	1204927	50.0000	53
7 2,4-Dichlorophenol	162	5.071	5.071	(0.976)	959245	50.0000	53
30 1,2,4-Trichlorobenzene	180	5.142	5.142	(0.990)	1160623	50.0000	49
* 80 Naphthalene-d8	136	5.195	5.195	(1.000)	2398389	40.0000	
31 Naphthalene	128	5.212	5.212	(1.003)	3075583	50.0000	50
32 4-Chloroaniline	127	5.300	5.300	(1.020)	1086626	50.0000	51
33 Hexachlorobutadiene	225	5.371	5.371	(1.034)	744337	50.0000	49
111 Caprolactam	113	5.706	5.706	(1.098)	215595	50.0000	52
8 4-Chloro-3-methylphenol	107	5.853	5.853	(1.127)	849836	50.0000	55
34 2-Methylnaphthalene	142	5.947	5.947	(1.145)	2016360	50.0000	52
120 1-Methylnaphthalene	142	6.041	6.041	(1.163)	2051012	50.0000	52
35 Hexachlorocyclopentadiene	237	6.123	6.123	(0.876)	706820	50.0000	50
9 2,4,6-Trichlorophenol	196	6.258	6.258	(0.895)	619233	50.0000	51
10 2,4,5-Trichlorophenol	196	6.299	6.299	(0.901)	621532	50.0000	51
\$ 77 2-Fluorobiphenyl (SUR)	172	6.340	6.340	(0.907)	2082668	50.0000	48
102 Diphenyl	154	6.434	6.434	(0.920)	2315156	50.0000	49
36 2-Chloronaphthalene	162	6.434	6.434	(0.920)	1861528	50.0000	50
103 Diphenyl Ether	170	6.540	6.540	(0.935)	1302890	50.0000	49
37 2-Nitroaniline	65	6.558	6.558	(0.938)	655347	50.0000	54
38 Dimethylphthalate	163	6.769	6.769	(0.968)	1633635	50.0000	49
114 Coumarin	146	6.758	6.758	(1.301)	537936	50.0000	52
40 2,6-Dinitrotoluene	165	6.816	6.816	(0.975)	388982	50.0000	51
39 Acenaphthylene	152	6.846	6.846	(0.979)	2463036	50.0000	49
41 3-Nitroaniline	138	6.975	6.975	(0.997)	379483	50.0000	50
* 82 Acenaphthene-d10	164	6.993	6.993	(1.000)	1217313	40.0000	
42 Acenaphthene	154	7.022	7.022	(1.004)	1592429	50.0000	51
11 2,4-Dinitrophenol	184	7.087	7.087	(1.013)	213752	50.0000	54
12 4-Nitrophenol	65	7.187	7.187	(1.028)	303285	50.0000	51
44 2,4-Dinitrotoluene	165	7.216	7.216	(1.032)	456354	50.0000	47
43 Dibenzofuran	168	7.198	7.198	(1.029)	2221373	50.0000	49
45 Diethylphthalate	149	7.474	7.474	(1.069)	1492157	50.0000	49
46 4-Chlorophenyl-phenylether	204	7.551	7.551	(1.080)	907781	50.0000	48
47 Fluorene	166	7.533	7.533	(1.077)	1763327	50.0000	49

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20033.d
 Report Date: 08-Oct-2011 03:48

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.580	7.580	(1.084)	283220	50.0000	43
13 4,6-Dinitro-2-methylphenol	198	7.615	7.615	(0.902)	268702	50.0000	54
49 N-Nitrosodiphenylamine	169	7.674	7.674	(0.909)	1116301	50.0000	53
75 1,2-Diphenylhydrazine	77	7.704	7.704	(0.912)	2081272	50.0000	55
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.774	(1.112)	257823	50.0000	53
50 4-Bromophenyl-phenylether	248	8.027	8.027	(0.951)	492863	50.0000	54
51 Hexachlorobenzene	284	8.080	8.080	(0.957)	484736	50.0000	52
112 Atrazine	200	8.221	8.221	(0.974)	378410	50.0000	47
14 Pentachlorophenol	266	8.279	8.279	(0.980)	279791	50.0000	58
* 83 Phenanthrene-d10	188	8.444	8.444	(1.000)	1451778	40.0000	
52 Phenanthrene	178	8.467	8.467	(1.003)	1934372	50.0000	49
53 Anthracene	178	8.514	8.514	(1.008)	1990352	50.0000	49
54 Carbazole	167	8.691	8.691	(1.029)	1585554	50.0000	48
55 Di-n-butylphthalate	149	9.073	9.073	(1.074)	1924890	50.0000	49
56 Fluoranthene	202	9.625	9.625	(1.140)	1792025	50.0000	46
58 Benzidine	184	9.778	9.778	(1.158)	169568	50.0000	28
57 Pyrene	202	9.836	9.836	(0.891)	1764358	50.0000	52
\$ 78 Terphenyl-d14	244	10.024	10.024	(0.908)	1226600	50.0000	53
59 Butylbenzylphthalate	149	10.524	10.524	(0.953)	723992	50.0000	53
109 2,3,7,8-TCDD (Screen)	320	10.583	10.583	(0.958)	1481	0.50000	0.54
60 3,3'-Dichlorobenzidine	252	11.029	11.029	(0.999)	449715	50.0000	50
61 Benzo(a)anthracene	228	11.029	11.029	(0.999)	1342841	50.0000	50
* 81 Chrysene-d12	240	11.041	11.041	(1.000)	931204	40.0000	
62 Chrysene	228	11.070	11.070	(1.003)	1204461	50.0000	47
63 bis(2-Ethylhexyl)phthalate	149	11.135	11.135	(1.008)	954779	50.0000	52
64 Di-n-octylphthalate	149	11.875	11.875	(0.935)	1360018	50.0000	54
65 Benzo(b)fluoranthene	252	12.245	12.245	(0.964)	1084530	50.0000	52
66 Benzo(k)fluoranthene	252	12.281	12.281	(0.967)	1059371	50.0000	48
67 Benzo(a)pyrene	252	12.633	12.633	(0.994)	906137	50.0000	49
* 84 Perylene-d12	264	12.704	12.704	(1.000)	681911	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.026	14.026	(1.104)	843410	50.0000	52
69 Dibenz(a,h)anthracene	278	14.061	14.061	(1.107)	833583	50.0000	51
70 Benzo(g,h,i)perylene	276	14.343	14.343	(1.129)	854530	50.0000	49

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-88921/1 Calibration Date: 10/08/2011 10:39

Instrument ID: BNAMS10 Calib Start Date: 09/28/2011 00:31

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/28/2011 03:04

Lab File ID: p20051.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9823	0.5319	0.0500	27100	50000	-45.8*	25.0
N-Nitrosodimethylamine	Ave	1.007	0.8271	0.0500	41100	50000	-17.9	25.0
Pyridine	Ave	1.749	1.435	0.0500	41000	50000	-18.0	25.0
Benzaldehyde	Ave	0.4870	0.5584	0.0500	57300	50000	14.7	25.0
Aniline	Ave	1.711	1.741	0.0500	50900	50000	1.7	25.0
Phenol	Ave	1.532	1.487	0.0500	48500	50000	-2.9	25.0
Bis(2-chloroethyl)ether	Ave	1.149	1.207	0.0500	52500	50000	5.0	25.0
2-Chlorophenol	Ave	1.175	1.204	0.0500	51200	50000	2.5	25.0
n-Decane	Ave	1.036	1.098	0.0500	53000	50000	6.0	25.0
1,3-Dichlorobenzene	Ave	1.568	1.553	0.0500	49500	50000	-1.0	25.0
1,4-Dichlorobenzene	Ave	1.585	1.587	0.0500	50100	50000	0.1	25.0
1,2-Dichlorobenzene	Ave	1.445	1.494	0.0500	51700	50000	3.3	25.0
Benzyl alcohol	Ave	0.6625	0.7386	0.0500	55700	50000	11.5	25.0
2,2'-oxybis[1-chloropropane]	Ave	0.8911	0.9856	0.0500	55300	50000	10.6	25.0
2-Methylphenol	Ave	0.9689	1.044	0.0500	53900	50000	7.8	25.0
Acetophenone	Ave	1.539	1.621	0.0500	52700	50000	5.3	25.0
N-Nitrosodi-n-propylamine	Ave	0.7435	0.8615	0.0500	57900	50000	15.9	25.0
3 & 4 Methylphenol	Ave	1.083	1.136	0.0500	52500	50000	4.9	25.0
4-Methylphenol	Ave	1.083	1.136	0.0500	52500	50000	4.9	25.0
Hexachloroethane	Ave	0.5836	0.5878	0.0500	50400	50000	0.7	25.0
Nitrobenzene	Ave	0.6337	0.6695	0.0500	52800	50000	5.6	25.0
n,n'-Dimethylaniline	Ave	1.577	1.749	0.0500	55400	50000	10.9	25.0
Isophorone	Ave	0.6427	0.7057	0.0500	54900	50000	9.8	25.0
2-Nitrophenol	Ave	0.2003	0.2059	0.0500	51400	50000	2.8	25.0
2,4-Dimethylphenol	Ave	0.3075	0.3289	0.0500	53500	50000	7.0	25.0
Bis(2-chloroethoxy)methane	Ave	0.3763	0.3937	0.0500	52300	50000	4.6	25.0
2,4-Dichlorophenol	Ave	0.3018	0.3022	0.0500	50100	50000	0.1	25.0
1,2,4-Trichlorobenzene	Ave	0.3967	0.3717	0.0500	46800	50000	-6.3	25.0
Naphthalene	Ave	1.015	1.041	0.0500	51300	50000	2.5	25.0
4-Chloroaniline	Ave	0.3522	0.3582	0.0500	50900	50000	1.7	25.0
Hexachlorobutadiene	Ave	0.2525	0.2429	0.0500	48100	50000	-3.8	25.0
Caprolactam	Ave	0.0686	0.0807	0.0500	58800	50000	17.6	25.0
4-Chloro-3-methylphenol	Ave	0.2595	0.2835	0.0500	54600	50000	9.3	25.0
2-Methylnaphthalene	Ave	0.6492	0.6242	0.0500	48100	50000	-3.9	25.0
1-Methylnaphthalene	Ave	0.6579	0.6562	0.0500	49900	50000	-0.3	25.0
Hexachlorocyclopentadiene	Ave	0.4643	0.4030	0.0500	43400	50000	-13.2	25.0
2,4,6-Trichlorophenol	Ave	0.3973	0.4188	0.0500	52700	50000	5.4	25.0
2,4,5-Trichlorophenol	Ave	0.3985	0.4021	0.0500	50400	50000	0.9	25.0
1,1'-Biphenyl	Ave	1.540	1.595	0.0500	51800	50000	3.6	25.0
2-Chloronaphthalene	Ave	1.219	1.234	0.0500	50600	50000	1.2	25.0
Phenyl ether	Ave	0.8693	0.8958	0.0500	51500	50000	3.0	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-88921/1 Calibration Date: 10/08/2011 10:39

Instrument ID: BNAMS10 Calib Start Date: 09/28/2011 00:31

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/28/2011 03:04

Lab File ID: p20051.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.3997	0.4794	0.0500	60000	50000	19.9	25.0
Coumarin	Ave	0.1738	0.1806	0.0500	52000	50000	3.9	25.0
Dimethyl phthalate	Ave	1.104	1.262	0.0500	57200	50000	14.3	25.0
2,6-Dinitrotoluene	Ave	0.2499	0.2748	0.0500	55000	50000	10.0	25.0
Acenaphthylene	Ave	1.649	1.731	0.0500	52500	50000	4.9	25.0
3-Nitroaniline	Ave	0.2470	0.2677	0.0500	54200	50000	8.4	25.0
Acenaphthene	Ave	1.033	1.045	0.0500	50600	50000	1.2	25.0
2,4-Dinitrophenol	Ave	0.1293	0.0931	0.0500	36000	50000	-28.0*	25.0
4-Nitrophenol	Ave	0.1938	0.2186	0.0500	56400	50000	12.8	25.0
Dibenzofuran	Ave	1.488	1.519	0.0500	51100	50000	2.1	25.0
2,4-Dinitrotoluene	Ave	0.3169	0.3255	0.0500	51400	50000	2.7	25.0
Diethyl phthalate	Ave	0.9944	1.112	0.0500	55900	50000	11.8	25.0
Fluorene	Ave	1.187	1.170	0.0500	49300	50000	-1.4	25.0
4-Chlorophenyl phenyl ether	Ave	0.6151	0.6014	0.0500	48900	50000	-2.2	25.0
4-Nitroaniline	Ave	0.2176	0.2295	0.0500	52700	50000	5.5	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1360	0.1225	0.0500	45100	50000	-9.9	25.0
N-Nitrosodiphenylamine	Ave	0.5843	0.6742	0.0500	57700	50000	15.4	25.0
1,2-Diphenylhydrazine	Ave	1.035	1.258	0.0500	60800	50000	21.5	25.0
4-Bromophenyl phenyl ether	Ave	0.2515	0.2690	0.0500	53500	50000	7.0	25.0
Hexachlorobenzene	Ave	0.2572	0.2637	0.0500	51300	50000	2.5	25.0
Atrazine	Ave	0.2199	0.2313	0.0500	52600	50000	5.2	25.0
Pentachlorophenol	Ave	0.1330	0.1371	0.0500	51500	50000	3.0	25.0
Phenanthrene	Ave	1.094	1.063	0.0500	48600	50000	-2.8	25.0
Anthracene	Ave	1.109	1.107	0.0500	49900	50000	-0.2	25.0
Carbazole	Ave	0.9141	0.9080	0.0500	49700	50000	-0.7	25.0
Di-n-butyl phthalate	Ave	1.080	1.172	0.0500	54300	50000	8.5	25.0
Fluoranthene	Ave	1.061	0.9782	0.0500	46100	50000	-7.8	25.0
Benzidine	Ave	0.1636	0.2382	0.0500	72800	50000	45.6*	25.0
Pyrene	Ave	1.448	1.480	0.0500	51100	50000	2.2	25.0
Butyl benzyl phthalate	Ave	0.5855	0.6607	0.0500	56400	50000	12.8	25.0
2,3,7,8-TCDD	Ave	0.1182	0.1336	0.0500	565	500	13.1	25.0
3,3'-Dichlorobenzidine	Ave	0.3891	0.4432	0.0500	57000	50000	13.9	25.0
Benzo[a]anthracene	Ave	1.165	1.146	0.0500	49200	50000	-1.7	25.0
Chrysene	Ave	1.090	1.125	0.0500	51600	50000	3.2	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.7859	0.8862	0.0500	56400	50000	12.8	25.0
Di-n-octyl phthalate	Ave	1.468	1.329	0.0500	45300	50000	-9.4	25.0
Benzo[b]fluoranthene	Ave	1.213	1.117	0.0500	46000	50000	-7.9	25.0
Benzo[k]fluoranthene	Ave	1.305	1.137	0.0500	43600	50000	-12.9	25.0
Benzo[a]pyrene	Ave	1.086	1.039	0.0500	47800	50000	-4.4	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.9584	1.354	0.0500	70600	50000	41.3*	25.0
Dibenz(a,h)anthracene	Ave	0.9645	1.352	0.0500	70100	50000	40.2*	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88921/1 Calibration Date: 10/08/2011 10:39
 Instrument ID: BNAMS10 Calib Start Date: 09/28/2011 00:31
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/28/2011 03:04
 Lab File ID: p20051.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzo[g,h,i]perylene	Ave	1.025	1.523	0.0500	74300	50000	48.6*	25.0
2-Fluorophenol (Surr)	Ave	1.232	1.288	0.0500	52300	50000	4.6	25.0
Phenol-d5 (Surr)	Ave	1.414	1.502	0.0500	53100	50000	6.2	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4565	0.4760	0.0500	52100	50000	4.3	25.0
2-Fluorobiphenyl	Ave	1.435	1.454	0.0500	50600	50000	1.3	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1597	0.1659	0.0500	51900	50000	3.9	25.0
Terphenyl-d14 (Surr)	Ave	0.9916	1.006	0.0500	50700	50000	1.4	25.0

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11br.b/p20051.d
 Report Date: 10-Oct-2011 12:55

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11br.b/p20051.d
 Lab Smp Id: CCV-1143618
 Inj Date : 08-OCT-2011 10:39
 Operator : BNAMS 4
 Smp Info : CCV-1143618
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11br.b/8270Cdel_08.m
 Meth Date : 10-Oct-2011 12:55 wahied
 Cal Date : 08-OCT-2011 10:39
 Als bottle: 20
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD
 Cal File: p20051.d
 Continuing Calibration Sample
 Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.047	1.047	(0.277)	313550	50.0000	27
19 N-Nitrosodimethylamine		74	1.252	1.252	(0.331)	487547	50.0000	41
71 Pyridine		79	1.270	1.270	(0.336)	845850	50.0000	41
\$ 16 2-Fluorophenol (SUR)		112	2.404	2.404	(0.636)	759375	50.0000	52
110 Benzaldehyde		77	3.274	3.274	(0.866)	329192	50.0000	57
\$ 17 Phenol-d5 (SUR)		99	3.426	3.426	(0.907)	885522	50.0000	53
1 Phenol		94	3.444	3.444	(0.911)	876615	50.0000	48
73 Aniline		93	3.409	3.409	(0.902)	1026296	50.0000	51
20 bis(2-Chloroethyl)ether		93	3.509	3.509	(0.928)	711574	50.0000	52
2 2-Chlorophenol		128	3.550	3.550	(0.939)	709807	50.0000	51
113 n-decane		43	3.650	3.650	(0.966)	647238	50.0000	53
21 1,3-Dichlorobenzene		146	3.714	3.714	(0.983)	915406	50.0000	50
* 79 1,4-Dichlorobenzene-d4		152	3.779	3.779	(1.000)	471588	40.0000	
22 1,4-Dichlorobenzene		146	3.802	3.802	(1.006)	935226	50.0000	50
74 Benzyl Alcohol		108	3.973	3.973	(1.051)	435382	50.0000	56

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11br.b/p20051.d
Report Date: 10-Oct-2011 12:55

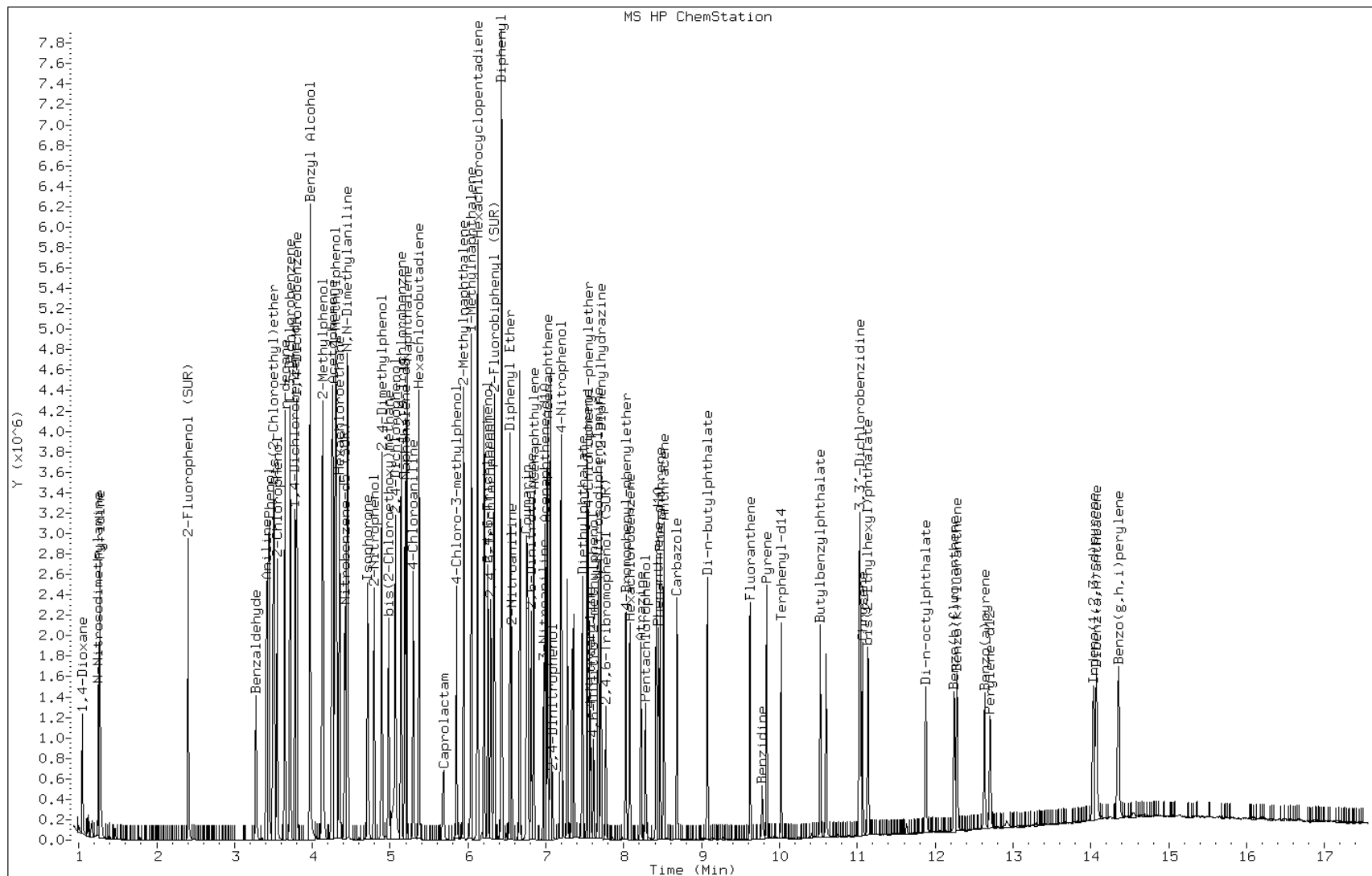
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.973	3.973	(1.051)	880469	50.0000	52
3 2-Methylphenol	108	4.131	4.131	(1.093)	615652	50.0000	54
24 bis (2-chloroisopropyl) ether	45	4.131	4.131	(1.093)	580987	50.0000	55
104 Acetophenone	105	4.261	4.261	(1.127)	955487	50.0000	53
4 4-Methylphenol	108	4.308	4.308	(1.140)	669871	50.0000	52
121 3 & 4 Methylphenol	108	4.308	4.308	(1.140)	669871	50.0000	52
25 N-Nitroso-di-n-propylamine	70	4.284	4.284	(1.134)	507855	50.0000	58
26 Hexachloroethane	117	4.349	4.349	(1.151)	346521	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.419	4.419	(0.852)	802733	50.0000	52
107 N,N-Dimethylaniline	120	4.455	4.455	(1.179)	1030739	50.0000	55
27 Nitrobenzene	77	4.443	4.443	(0.856)	1128981	50.0000	53
28 Isophorone	82	4.713	4.713	(0.908)	1190018	50.0000	55
5 2-Nitrophenol	139	4.789	4.789	(0.923)	347270	50.0000	51
6 2,4-Dimethylphenol	122	4.889	4.889	(0.942)	554646	50.0000	53
29 bis(2-Chloroethoxy)methane	93	4.977	4.977	(0.959)	663898	50.0000	52
7 2,4-Dichlorophenol	162	5.066	5.066	(0.976)	509531	50.0000	50
30 1,2,4-Trichlorobenzene	180	5.142	5.142	(0.991)	626834	50.0000	47
* 80 Naphthalene-d8	136	5.189	5.189	(1.000)	1349047	40.0000	
31 Naphthalene	128	5.212	5.212	(1.005)	1755023	50.0000	51
32 4-Chloroaniline	127	5.295	5.295	(1.020)	604013	50.0000	51
33 Hexachlorobutadiene	225	5.371	5.371	(1.035)	409675	50.0000	48
111 Caprolactam	113	5.688	5.688	(1.096)	136065	50.0000	59
8 4-Chloro-3-methylphenol	107	5.853	5.853	(1.128)	478033	50.0000	55
34 2-Methylnaphthalene	142	5.941	5.941	(1.145)	1052557	50.0000	48
120 1-Methylnaphthalene	142	6.041	6.041	(1.164)	1106596	50.0000	50
35 Hexachlorocyclopentadiene	237	6.123	6.123	(0.876)	318784	50.0000	43
9 2,4,6-Trichlorophenol	196	6.252	6.252	(0.895)	331278	50.0000	53
10 2,4,5-Trichlorophenol	196	6.294	6.294	(0.901)	318016	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.335	6.335	(0.907)	1149848	50.0000	51
102 Diphenyl	154	6.429	6.429	(0.920)	1261336	50.0000	52
36 2-Chloronaphthalene	162	6.435	6.435	(0.921)	975926	50.0000	50
103 Diphenyl Ether	170	6.540	6.540	(0.936)	708539	50.0000	52
37 2-Nitroaniline	65	6.558	6.558	(0.939)	379145	50.0000	60
38 Dimethylphthalate	163	6.764	6.764	(0.968)	998205	50.0000	57
114 Coumarin	146	6.752	6.752	(1.301)	304467	50.0000	52
40 2,6-Dinitrotoluene	165	6.811	6.811	(0.975)	217358	50.0000	55
39 Acenaphthylene	152	6.846	6.846	(0.980)	1368901	50.0000	52
41 3-Nitroaniline	138	6.969	6.969	(0.997)	211734	50.0000	54
* 82 Acenaphthene-d10	164	6.987	6.987	(1.000)	632756	40.0000	
42 Acenaphthene	154	7.022	7.022	(1.005)	826849	50.0000	51
11 2,4-Dinitrophenol	184	7.081	7.081	(1.013)	73625	50.0000	36
12 4-Nitrophenol	65	7.187	7.187	(1.029)	172887	50.0000	56
44 2,4-Dinitrotoluene	165	7.210	7.210	(1.032)	257486	50.0000	51
43 Dibenzofuran	168	7.193	7.193	(1.029)	1201768	50.0000	51
45 Diethylphthalate	149	7.469	7.469	(1.069)	879172	50.0000	56
46 4-Chlorophenyl-phenylether	204	7.551	7.551	(1.081)	475671	50.0000	49
47 Fluorene	166	7.533	7.533	(1.078)	925248	50.0000	49

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11br.b/p20051.d
 Report Date: 10-Oct-2011 12:55

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.574	7.574	(1.084)	181525	50.0000	53
13 4,6-Dinitro-2-methylphenol	198	7.610	7.610	(0.901)	112370	50.0000	45
49 N-Nitrosodiphenylamine	169	7.674	7.674	(0.909)	618196	50.0000	58
75 1,2-Diphenylhydrazine	77	7.704	7.704	(0.912)	1153292	50.0000	61
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.774	7.774	(1.113)	131221	50.0000	52
50 4-Bromophenyl-phenylether	248	8.027	8.027	(0.951)	246700	50.0000	53
51 Hexachlorobenzene	284	8.080	8.080	(0.957)	241778	50.0000	51
112 Atrazine	200	8.221	8.221	(0.974)	212122	50.0000	52
14 Pentachlorophenol	266	8.280	8.280	(0.981)	125672	50.0000	52
* 83 Phenanthrene-d10	188	8.444	8.444	(1.000)	733595	40.0000	
52 Phenanthrene	178	8.468	8.468	(1.003)	974545	50.0000	48
53 Anthracene	178	8.515	8.515	(1.008)	1015507	50.0000	50
54 Carbazole	167	8.685	8.685	(1.029)	832608	50.0000	50
55 Di-n-butylphthalate	149	9.073	9.073	(1.074)	1075144	50.0000	54
56 Fluoranthene	202	9.625	9.625	(1.140)	897033	50.0000	46
58 Benzidine	184	9.778	9.778	(1.158)	218400	50.0000	73
57 Pyrene	202	9.837	9.837	(0.891)	875307	50.0000	51
\$ 78 Terphenyl-d14	244	10.019	10.019	(0.907)	594932	50.0000	51
59 Butylbenzylphthalate	149	10.524	10.524	(0.953)	390758	50.0000	56
109 2,3,7,8-TCDD (Screen)	320	10.589	10.589	(0.959)	790	0.50000	0.56
60 3,3'-Dichlorobenzidine	252	11.029	11.029	(0.999)	262117	50.0000	57
61 Benzo(a)anthracene	228	11.029	11.029	(0.999)	677602	50.0000	49
* 81 Chrysene-d12	240	11.041	11.041	(1.000)	473139	40.0000	
62 Chrysene	228	11.065	11.065	(1.002)	665243	50.0000	52
63 bis(2-Ethylhexyl)phthalate	149	11.135	11.135	(1.008)	524102	50.0000	56
64 Di-n-octylphthalate	149	11.881	11.881	(0.935)	855335	50.0000	45
65 Benzo(b)fluoranthene	252	12.246	12.246	(0.964)	718519	50.0000	46
66 Benzo(k)fluoranthene	252	12.281	12.281	(0.967)	731885	50.0000	44
67 Benzo(a)pyrene	252	12.633	12.633	(0.994)	668376	50.0000	48
* 84 Perylene-d12	264	12.704	12.704	(1.000)	514749	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.038	14.038	(1.105)	871359	50.0000	71
69 Dibenz(a,h)anthracene	278	14.073	14.073	(1.108)	869907	50.0000	70
70 Benzo(g,h,i)perylene	276	14.355	14.355	(1.130)	979932	50.0000	74

Instrument: BNAMS10.i

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87782/2 Calibration Date: 09/28/2011 15:03

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10317.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6474	0.6740	0.0500	52100	50000	4.1	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.8149	0.0500	49000	50000	-1.9	25.0
Pyridine	Ave	1.503	1.490	0.0500	49500	50000	-0.9	25.0
Benzaldehyde	Ave	0.4704	0.2382	0.0500	25300	50000	-49.4*	25.0
Aniline	Ave	1.901	1.865	0.0500	49000	50000	-1.9	25.0
Phenol	Ave	1.747	1.612	0.0500	46100	50000	-7.7	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.286	0.0500	47900	50000	-4.2	25.0
2-Chlorophenol	Ave	1.390	1.362	0.0500	49000	50000	-2.0	25.0
n-Decane	Ave	1.283	1.444	0.0500	56300	50000	12.6	25.0
1,3-Dichlorobenzene	Ave	1.618	1.600	0.0500	49400	50000	-1.1	25.0
1,4-Dichlorobenzene	Ave	1.642	1.603	0.0500	48800	50000	-2.3	25.0
Benzyl alcohol	Ave	0.7598	0.7754	0.0500	51000	50000	2.1	25.0
1,2-Dichlorobenzene	Ave	1.519	1.481	0.0500	48700	50000	-2.5	25.0
2-Methylphenol	Ave	1.152	1.100	0.0500	47800	50000	-4.5	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.480	0.0500	52400	50000	4.7	25.0
o-Toluidine	Ave	1.535	1.424	0.0500	46400	50000	-7.2	25.0
Acetophenone	Ave	1.820	1.669	0.0500	45900	50000	-8.3	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.8179	0.0500	47000	50000	-6.1	25.0
3 & 4 Methylphenol	Ave	1.296	1.217	0.0500	46900	50000	-6.1	25.0
4-Methylphenol	Ave	1.296	1.217	0.0500	46900	50000	-6.1	25.0
Hexachloroethane	Ave	0.6334	0.6581	0.0500	52000	50000	3.9	25.0
Nitrobenzene	Ave	0.5433	0.5653	0.0500	52000	50000	4.1	25.0
n,n'-Dimethylaniline	Ave	1.946	1.929	0.0500	49600	50000	-0.9	25.0
Isophorone	Ave	0.6190	0.6136	0.0500	49600	50000	-0.9	25.0
2-Nitrophenol	Ave	0.1983	0.1953	0.0500	49300	50000	-1.5	25.0
2,4-Dimethylphenol	Ave	0.3053	0.3039	0.0500	49800	50000	-0.4	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.3837	0.0500	50100	50000	0.1	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2615	0.0500	48800	50000	-2.4	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3200	0.0500	50400	50000	0.8	25.0
Naphthalene	Ave	1.099	1.080	0.0500	49200	50000	-1.7	25.0
4-Chloroaniline	Ave	0.3849	0.3819	0.0500	49600	50000	-0.8	25.0
Hexachlorobutadiene	Ave	0.1928	0.1982	0.0500	51400	50000	2.8	25.0
Caprolactam	Ave	0.0812	0.0751	0.0500	46300	50000	-7.5	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.2635	0.0500	47600	50000	-4.9	25.0
2-Methylnaphthalene	Ave	0.6534	0.6356	0.0500	48600	50000	-2.7	25.0
1-Methylnaphthalene	Ave	0.6708	0.6412	0.0500	47800	50000	-4.4	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.3759	0.0500	53900	50000	7.8	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3700	0.0500	49900	50000	-0.1	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3816	0.0500	50500	50000	1.0	25.0
1,1'-Biphenyl	Ave	1.702	1.703	0.0500	50000	50000	0.0	25.0
2-Chloronaphthalene	Ave	1.203	1.217	0.0500	50600	50000	1.2	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCVIS 460-87782/2 Calibration Date: 09/28/2011 15:03

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10317.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8543	0.8684	0.0500	50800	50000	1.6	25.0
2-Nitroaniline	Ave	0.3986	0.4544	0.0500	57000	50000	14.0	25.0
Coumarin	Ave	0.1908	0.1738	0.0500	45500	50000	-8.9	25.0
Dimethyl phthalate	Ave	1.208	1.179	0.0500	48800	50000	-2.4	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2646	0.0500	47900	50000	-4.1	25.0
Acenaphthylene	Ave	1.895	1.919	0.0500	50600	50000	1.2	25.0
3-Nitroaniline	Ave	0.2940	0.2817	0.0500	47900	50000	-4.2	25.0
Acenaphthene	Ave	1.168	1.131	0.0500	48400	50000	-3.2	25.0
2,4-Dinitrophenol	Ave	0.1402	0.1359	0.0500	48500	50000	-3.1	25.0
4-Nitrophenol	Ave	0.2299	0.2146	0.0500	46700	50000	-6.6	25.0
Dibenzofuran	Ave	1.576	1.548	0.0500	49100	50000	-1.8	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3297	0.0500	46800	50000	-6.4	25.0
Diethyl phthalate	Ave	1.235	1.199	0.0500	48600	50000	-2.9	25.0
Fluorene	Ave	1.273	1.229	0.0500	48300	50000	-3.4	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5608	0.0500	48400	50000	-3.2	25.0
4-Nitroaniline	Ave	0.2492	0.2317	0.0500	46500	50000	-7.0	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1271	0.0500	48600	50000	-2.7	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.6062	0.0500	49100	50000	-1.9	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.190	0.0500	53400	50000	6.8	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2442	0.0500	49800	50000	-0.4	25.0
Hexachlorobenzene	Ave	0.2659	0.2623	0.0500	49300	50000	-1.3	25.0
Atrazine	Ave	0.2035	0.2034	0.0500	50000	50000	-0.0	25.0
Pentachlorophenol	Ave	0.1420	0.1394	0.0500	49100	50000	-1.9	25.0
Phenanthrene	Ave	1.161	1.132	0.0500	48800	50000	-2.4	25.0
Anthracene	Ave	1.176	1.170	0.0500	49800	50000	-0.4	25.0
Carbazole	Ave	0.9491	0.9153	0.0500	48200	50000	-3.6	25.0
Di-n-butyl phthalate	Ave	1.296	1.268	0.0500	48900	50000	-2.2	25.0
Fluoranthene	Ave	0.9706	0.9497	0.0500	48900	50000	-2.2	25.0
Benzidine	Ave	0.1089	0.1047	0.0500	48100	50000	-3.9	25.0
Pyrene	Ave	1.693	1.518	0.0500	44800	50000	-10.3	25.0
Butyl benzyl phthalate	Ave	0.7744	0.7161	0.0500	46200	50000	-7.5	25.0
2,3,7,8-TCDD	Ave	0.1840	0.1781	0.0500	484	500	-3.2	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.3587	0.0500	51900	50000	3.8	25.0
Benzo[a]anthracene	Ave	1.242	1.154	0.0500	46400	50000	-7.1	25.0
Chrysene	Ave	1.118	1.142	0.0500	51100	50000	2.2	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	0.9679	0.0500	46600	50000	-6.8	25.0
Di-n-octyl phthalate	Ave	2.015	1.606	0.0500	39900	50000	-20.3	25.0
Benzo[b]fluoranthene	Ave	1.190	1.170	0.0500	49200	50000	-1.7	25.0
Benzo[k]fluoranthene	Ave	1.332	1.231	0.0500	46200	50000	-7.6	25.0
Benzo[a]pyrene	Ave	0.9679	0.9721	0.0500	50200	50000	0.4	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	0.9485	0.0500	59400	50000	18.8	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-87782/2 Calibration Date: 09/28/2011 15:03
 Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50
 Lab File ID: z10317.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8332	1.006	0.0500	60400	50000	20.7	25.0
Benzo[g,h,i]perylene	Ave	0.8506	1.029	0.0500	60500	50000	20.9	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.346	0.0500	49800	50000	-0.4	25.0
Phenol-d5 (Surr)	Ave	1.613	1.514	0.0500	46900	50000	-6.2	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4140	0.0500	50500	50000	1.0	25.0
2-Fluorobiphenyl	Ave	1.439	1.469	0.0500	51000	50000	2.1	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1854	0.0500	49800	50000	-0.3	25.0
Terphenyl-d14 (Surr)	Ave	1.204	1.047	0.0500	43500	50000	-13.0	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10317.d
 Report Date: 28-Sep-2011 16:17

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10317.d
 Lab Smp Id: CCVIS-1143618
 Inj Date : 28-SEP-2011 15:03
 Operator : BNAMS 4
 Smp Info : CCVIS-1143618
 Misc Info : 50 ppm bna 4587
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 16:17 czhao
 Cal Date : 28-SEP-2011 15:03
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10317.d

Continuing Calibration Sample

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.167	1.167	(0.314)	288359	50.0000	52
19 N-Nitrosodimethylamine		74	1.373	1.373	(0.370)	348617	50.0000	49
71 Pyridine		79	1.391	1.391	(0.374)	637214	50.0000	50
\$ 16 2-Fluorophenol (SUR)		112	2.450	2.450	(0.660)	575987	50.0000	50
110 Benzaldehyde		77	3.261	3.261	(0.878)	101887	50.0000	25
\$ 17 Phenol-d5 (SUR)		99	3.373	3.373	(0.908)	647519	50.0000	47
1 Phenol		94	3.391	3.391	(0.913)	689627	50.0000	46
73 Aniline		93	3.379	3.379	(0.910)	797731	50.0000	49
20 bis(2-Chloroethyl)ether		93	3.455	3.455	(0.930)	550146	50.0000	48
2 2-Chlorophenol		128	3.502	3.502	(0.943)	582830	50.0000	49
113 n-decane		43	3.573	3.573	(0.962)	617899	50.0000	56
21 1,3-Dichlorobenzene		146	3.655	3.655	(0.984)	684522	50.0000	49
* 79 1,4-Dichlorobenzene-d4		152	3.714	3.714	(1.000)	342244	40.0000	
22 1,4-Dichlorobenzene		146	3.732	3.732	(1.005)	685784	50.0000	49
74 Benzyl Alcohol		108	3.867	3.867	(1.041)	331739	50.0000	51

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10317.d
 Report Date: 28-Sep-2011 16:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.885	3.885	(1.046)	633685	50.0000	49
3 2-Methylphenol	108	4.008	4.008	(1.079)	470588	50.0000	48
24 bis (2-chloroisopropyl) ether	45	4.014	4.014	(1.081)	633161	50.0000	52
122 o-Toluidine	107	4.126	4.126	(1.111)	609319	50.0000	46
104 Acetophenone	105	4.138	4.138	(1.114)	713981	50.0000	46
4 4-Methylphenol	108	4.167	4.167	(1.122)	520637	50.0000	47
121 3 & 4 Methylphenol	108	4.167	4.167	(1.122)	520637	50.0000	47
25 N-Nitroso-di-n-propylamine	70	4.149	4.149	(1.117)	349880	50.0000	47
26 Hexachloroethane	117	4.226	4.226	(1.138)	281547	50.0000	52
\$ 76 Nitrobenzene-d5 (SUR)	82	4.285	4.285	(0.856)	581686	50.0000	50
107 N,N-Dimethylaniline	120	4.314	4.314	(1.162)	825202	50.0000	50
27 Nitrobenzene	77	4.308	4.308	(0.860)	794263	50.0000	52
28 Isophorone	82	4.549	4.549	(0.908)	862119	50.0000	50
5 2-Nitrophenol	139	4.626	4.626	(0.924)	274428	50.0000	49
6 2,4-Dimethylphenol	122	4.702	4.702	(0.939)	426938	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.791	4.791	(0.957)	539020	50.0000	50
7 2,4-Dichlorophenol	162	4.879	4.879	(0.974)	367366	50.0000	49
30 1,2,4-Trichlorobenzene	180	4.955	4.955	(0.989)	449565	50.0000	50
* 80 Naphthalene-d8	136	5.008	5.008	(1.000)	1123968	40.0000	
31 Naphthalene	128	5.026	5.026	(1.004)	1517527	50.0000	49
32 4-Chloroaniline	127	5.096	5.096	(1.018)	536582	50.0000	50
33 Hexachlorobutadiene	225	5.173	5.173	(1.033)	278408	50.0000	51
111 Caprolactam	113	5.461	5.461	(1.090)	105523	50.0000	46
8 4-Chloro-3-methylphenol	107	5.620	5.620	(1.122)	370207	50.0000	48
34 2-Methylnaphthalene	142	5.726	5.726	(1.143)	892951	50.0000	49
120 1-Methylnaphthalene	142	5.826	5.826	(1.163)	900795	50.0000	48
35 Hexachlorocyclopentadiene	237	5.896	5.896	(0.873)	228116	50.0000	54
9 2,4,6-Trichlorophenol	196	6.026	6.026	(0.892)	224545	50.0000	50
10 2,4,5-Trichlorophenol	196	6.061	6.061	(0.897)	231570	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.102	6.102	(0.903)	891318	50.0000	51
102 Diphenyl	154	6.196	6.196	(0.917)	1033338	50.0000	50
36 2-Chloronaphthalene	162	6.208	6.208	(0.919)	738715	50.0000	50
103 Diphenyl Ether	170	6.302	6.302	(0.933)	526984	50.0000	51
37 2-Nitroaniline	65	6.320	6.320	(0.936)	275751	50.0000	57
38 Dimethylphthalate	163	6.520	6.520	(0.965)	715480	50.0000	49
114 Coumarin	146	6.520	6.520	(1.302)	244202	50.0000	46
40 2,6-Dinitrotoluene	165	6.567	6.567	(0.972)	160572	50.0000	48
39 Acenaphthylene	152	6.614	6.614	(0.979)	1164352	50.0000	51
41 3-Nitroaniline	138	6.726	6.726	(0.996)	170926	50.0000	48
* 82 Acenaphthene-d10	164	6.755	6.755	(1.000)	485479	40.0000	
42 Acenaphthene	154	6.785	6.785	(1.004)	686492	50.0000	48
11 2,4-Dinitrophenol	184	6.832	6.832	(1.011)	82445	50.0000	48
12 4-Nitrophenol	65	6.926	6.926	(1.025)	130242	50.0000	47
44 2,4-Dinitrotoluene	165	6.961	6.961	(1.030)	200048	50.0000	47
43 Dibenzofuran	168	6.955	6.955	(1.030)	939479	50.0000	49
45 Diethylphthalate	149	7.214	7.214	(1.068)	727857	50.0000	48
46 4-Chlorophenyl-phenylether	204	7.302	7.302	(1.081)	340329	50.0000	48

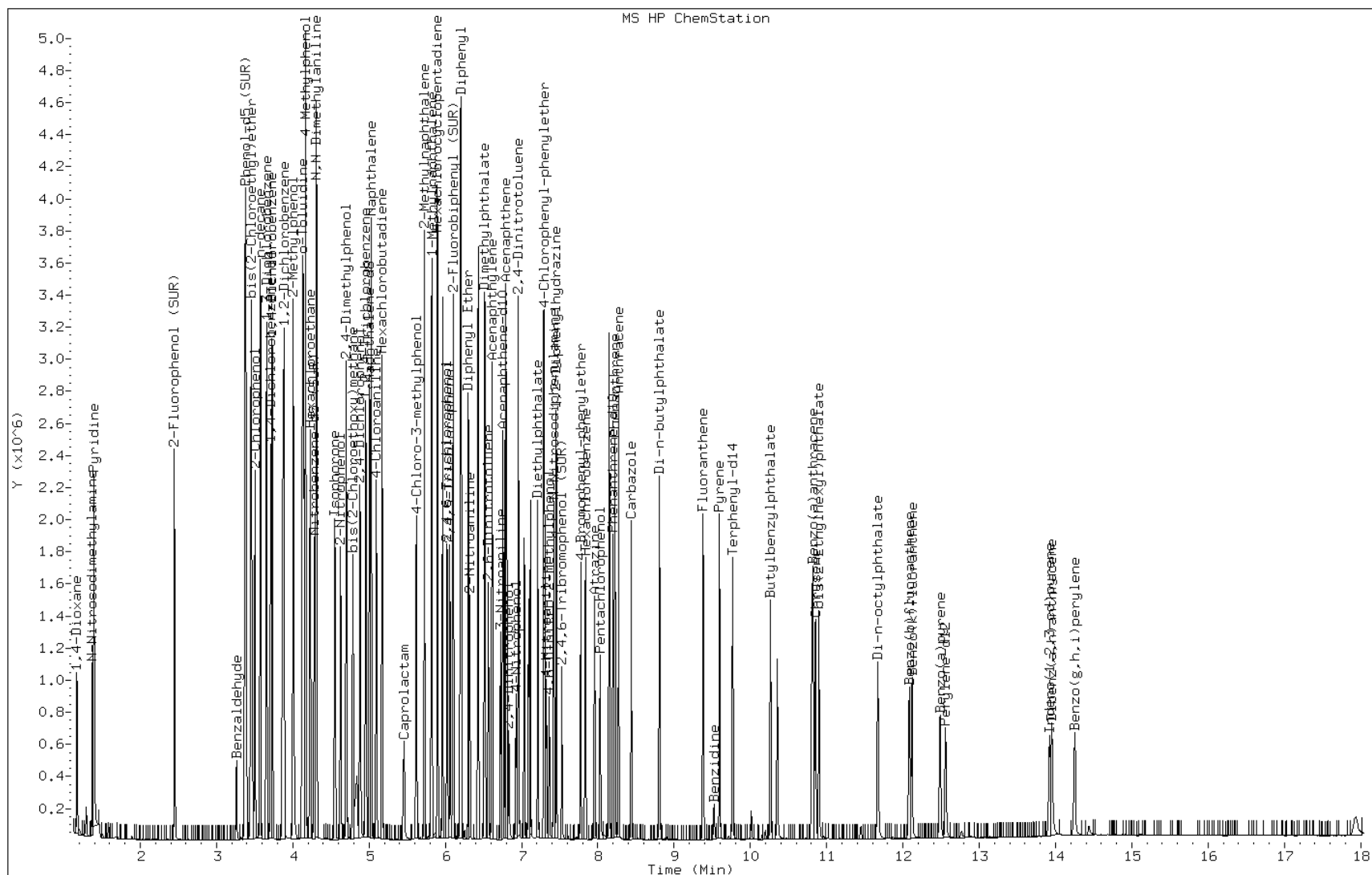
Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10317.d
 Report Date: 28-Sep-2011 16:17

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.290	7.290	(1.079)	745820	50.0000	48
48 4-Nitroaniline	138	7.326	7.326	(1.084)	140631	50.0000	46
13 4,6-Dinitro-2-methylphenol	198	7.361	7.361	(0.897)	97359	50.0000	49
49 N-Nitrosodiphenylamine	169	7.420	7.420	(0.905)	464412	50.0000	49
75 1,2-Diphenylhydrazine	77	7.455	7.455	(0.909)	911393	50.0000	53
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.532	7.532	(1.115)	112537	50.0000	50
50 4-Bromophenyl-phenylether	248	7.779	7.779	(0.948)	187106	50.0000	50
51 Hexachlorobenzene	284	7.837	7.837	(0.956)	200980	50.0000	49
112 Atrazine	200	7.961	7.961	(0.971)	155812	50.0000	50
14 Pentachlorophenol	266	8.031	8.031	(0.979)	106787	50.0000	49
* 83 Phenanthrene-d10	188	8.202	8.202	(1.000)	612885	40.0000	
52 Phenanthrene	178	8.226	8.226	(1.003)	867555	50.0000	49
53 Anthracene	178	8.273	8.273	(1.009)	896668	50.0000	50
54 Carbazole	167	8.437	8.437	(1.029)	701208	50.0000	48
55 Di-n-butylphthalate	149	8.808	8.808	(1.074)	971228	50.0000	49
56 Fluoranthene	202	9.378	9.378	(1.143)	727572	50.0000	49
58 Benzidine	184	9.525	9.525	(1.161)	80211	50.0000	48
57 Pyrene	202	9.596	9.596	(0.886)	708950	50.0000	45
\$ 78 Terphenyl-d14	244	9.767	9.767	(0.902)	489214	50.0000	44
59 Butylbenzylphthalate	149	10.267	10.267	(0.948)	334480	50.0000	46
109 2,3,7,8-TCDD (Screen)	320	10.343	10.343	(0.955)	832	0.50000	0.48(a)
60 3,3'-Dichlorobenzidine	252	10.802	10.802	(0.998)	167521	50.0000	52
61 Benzo(a)anthracene	228	10.814	10.814	(0.999)	539018	50.0000	46
* 81 Chrysene-d12	240	10.825	10.825	(1.000)	373660	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.902	10.902	(1.007)	452092	50.0000	47
62 Chrysene	228	10.855	10.855	(1.003)	533526	50.0000	51
64 Di-n-octylphthalate	149	11.672	11.672	(0.929)	654794	50.0000	40
65 Benzo(b)fluoranthene	252	12.084	12.084	(0.962)	477056	50.0000	49
66 Benzo(k)fluoranthene	252	12.119	12.119	(0.965)	502192	50.0000	46
67 Benzo(a)pyrene	252	12.490	12.490	(0.994)	396408	50.0000	50
* 84 Perylene-d12	264	12.561	12.561	(1.000)	326233	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.919	13.919	(1.108)	386805	50.0000	59
69 Dibenz(a,h)anthracene	278	13.955	13.955	(1.111)	410251	50.0000	60
70 Benzo(g,h,i)perylene	276	14.255	14.255	(1.135)	419438	50.0000	60

QC Flag Legend

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

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-87783/1 Calibration Date: 09/28/2011 19:53

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10324.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.6474	0.6420	0.0500	49600	50000	-0.8	25.0
N-Nitrosodimethylamine	Ave	0.8311	0.8196	0.0500	49300	50000	-1.4	25.0
Pyridine	Ave	1.503	1.519	0.0500	50500	50000	1.1	25.0
Benzaldehyde	Ave	0.4704	0.4075	0.0500	43300	50000	-13.4	25.0
Aniline	Ave	1.901	1.988	0.0500	52300	50000	4.6	25.0
Phenol	Ave	1.747	1.729	0.0500	49500	50000	-1.0	25.0
Bis(2-chloroethyl)ether	Ave	1.343	1.341	0.0500	49900	50000	-0.2	25.0
2-Chlorophenol	Ave	1.390	1.398	0.0500	50300	50000	0.6	25.0
n-Decane	Ave	1.283	1.245	0.0500	48500	50000	-3.0	25.0
1,3-Dichlorobenzene	Ave	1.618	1.592	0.0500	49200	50000	-1.6	25.0
1,4-Dichlorobenzene	Ave	1.642	1.645	0.0500	50100	50000	0.2	25.0
Benzyl alcohol	Ave	0.7598	0.7761	0.0500	51100	50000	2.1	25.0
1,2-Dichlorobenzene	Ave	1.519	1.525	0.0500	50200	50000	0.3	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.413	1.405	0.0500	49700	50000	-0.5	25.0
2-Methylphenol	Ave	1.152	1.170	0.0500	50800	50000	1.6	25.0
o-Toluidine	Ave	1.535	1.562	0.0500	50900	50000	1.8	25.0
Acetophenone	Ave	1.820	1.801	0.0500	49500	50000	-1.0	25.0
N-Nitrosodi-n-propylamine	Ave	0.8707	0.8595	0.0500	49400	50000	-1.3	25.0
3 & 4 Methylphenol	Ave	1.296	1.360	0.0500	52500	50000	5.0	25.0
4-Methylphenol	Ave	1.296	1.360	0.0500	52500	50000	5.0	25.0
Hexachloroethane	Ave	0.6334	0.6330	0.0500	50000	50000	-0.0	25.0
Nitrobenzene	Ave	0.5433	0.5643	0.0500	51900	50000	3.9	25.0
n,n'-Dimethylaniline	Ave	1.946	2.095	0.0500	53800	50000	7.7	25.0
Isophorone	Ave	0.6190	0.6212	0.0500	50200	50000	0.4	25.0
2-Nitrophenol	Ave	0.1983	0.1969	0.0500	49700	50000	-0.7	25.0
2,4-Dimethylphenol	Ave	0.3053	0.3066	0.0500	50200	50000	0.4	25.0
Bis(2-chloroethoxy)methane	Ave	0.3832	0.3854	0.0500	50300	50000	0.6	25.0
2,4-Dichlorophenol	Ave	0.2678	0.2666	0.0500	49800	50000	-0.5	25.0
1,2,4-Trichlorobenzene	Ave	0.3173	0.3131	0.0500	49300	50000	-1.3	25.0
Naphthalene	Ave	1.099	1.089	0.0500	49500	50000	-0.9	25.0
4-Chloroaniline	Ave	0.3849	0.3986	0.0500	51800	50000	3.6	25.0
Hexachlorobutadiene	Ave	0.1928	0.1913	0.0500	49600	50000	-0.8	25.0
Caprolactam	Ave	0.0812	0.0781	0.0500	48100	50000	-3.7	25.0
4-Chloro-3-methylphenol	Ave	0.2770	0.2724	0.0500	49200	50000	-1.6	25.0
2-Methylnaphthalene	Ave	0.6534	0.6480	0.0500	49600	50000	-0.8	25.0
1-Methylnaphthalene	Ave	0.6708	0.6615	0.0500	49300	50000	-1.4	25.0
Hexachlorocyclopentadiene	Ave	0.3488	0.3545	0.0500	50800	50000	1.6	25.0
2,4,6-Trichlorophenol	Ave	0.3705	0.3690	0.0500	49800	50000	-0.4	25.0
2,4,5-Trichlorophenol	Ave	0.3779	0.3749	0.0500	49600	50000	-0.8	25.0
1,1'-Biphenyl	Ave	1.702	1.717	0.0500	50400	50000	0.9	25.0
2-Chloronaphthalene	Ave	1.203	1.228	0.0500	51100	50000	2.1	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID: CCV 460-87783/1 Calibration Date: 09/28/2011 19:53

Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50

Lab File ID: z10324.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenyl ether	Ave	0.8543	0.8628	0.0500	50500	50000	1.0	25.0
2-Nitroaniline	Ave	0.3986	0.3526	0.0500	44200	50000	-11.5	25.0
Dimethyl phthalate	Ave	1.208	1.222	0.0500	50600	50000	1.2	25.0
Coumarin	Ave	0.1908	0.1822	0.0500	47700	50000	-4.5	25.0
2,6-Dinitrotoluene	Ave	0.2760	0.2736	0.0500	49600	50000	-0.9	25.0
Acenaphthylene	Ave	1.895	1.901	0.0500	50100	50000	0.3	25.0
3-Nitroaniline	Ave	0.2940	0.2848	0.0500	48400	50000	-3.1	25.0
Acenaphthene	Ave	1.168	1.168	0.0500	50000	50000	-0.0	25.0
2,4-Dinitrophenol	Ave	0.1402	0.1041	0.0500	37100	50000	-25.7*	25.0
4-Nitrophenol	Ave	0.2299	0.2018	0.0500	43900	50000	-12.2	25.0
Dibenzofuran	Ave	1.576	1.559	0.0500	49500	50000	-1.1	25.0
2,4-Dinitrotoluene	Ave	0.3522	0.3506	0.0500	49800	50000	-0.5	25.0
Diethyl phthalate	Ave	1.235	1.228	0.0500	49700	50000	-0.5	25.0
Fluorene	Ave	1.273	1.284	0.0500	50400	50000	0.9	25.0
4-Chlorophenyl phenyl ether	Ave	0.5795	0.5698	0.0500	49200	50000	-1.7	25.0
4-Nitroaniline	Ave	0.2492	0.2568	0.0500	51500	50000	3.1	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1307	0.1134	0.0500	43400	50000	-13.2	25.0
N-Nitrosodiphenylamine	Ave	0.6179	0.6215	0.0500	50300	50000	0.6	25.0
1,2-Diphenylhydrazine	Ave	1.113	1.126	0.0500	50500	50000	1.1	25.0
4-Bromophenyl phenyl ether	Ave	0.2452	0.2394	0.0500	48800	50000	-2.4	25.0
Hexachlorobenzene	Ave	0.2659	0.2617	0.0500	49200	50000	-1.6	25.0
Atrazine	Ave	0.2035	0.2039	0.0500	50100	50000	0.2	25.0
Pentachlorophenol	Ave	0.1420	0.1245	0.0500	43800	50000	-12.3	25.0
Phenanthrene	Ave	1.161	1.133	0.0500	48800	50000	-2.4	25.0
Anthracene	Ave	1.176	1.147	0.0500	48800	50000	-2.5	25.0
Carbazole	Ave	0.9491	0.9232	0.0500	48600	50000	-2.7	25.0
Di-n-butyl phthalate	Ave	1.296	1.298	0.0500	50100	50000	0.2	25.0
Fluoranthene	Ave	0.9706	0.9678	0.0500	49900	50000	-0.3	25.0
Benzidine	Ave	0.1089	0.1544	0.0500	70900	50000	41.8*	25.0
Pyrene	Ave	1.693	1.487	0.0500	43900	50000	-12.2	25.0
Butyl benzyl phthalate	Ave	0.7744	0.7351	0.0500	47500	50000	-5.1	25.0
2,3,7,8-TCDD	Ave	0.1840	0.1891	0.0500	514	500	2.8	25.0
3,3'-Dichlorobenzidine	Ave	0.3457	0.3694	0.0500	53400	50000	6.9	25.0
Benzo[a]anthracene	Ave	1.242	1.163	0.0500	46800	50000	-6.4	25.0
Chrysene	Ave	1.118	1.119	0.0500	50000	50000	0.0	25.0
Bis(2-ethylhexyl) phthalate	Ave	1.038	1.016	0.0500	48900	50000	-2.1	25.0
Di-n-octyl phthalate	Ave	2.015	2.084	0.0500	51700	50000	3.5	25.0
Benzo[b]fluoranthene	Ave	1.190	1.254	0.0500	52700	50000	5.4	25.0
Benzo[k]fluoranthene	Ave	1.332	1.272	0.0500	47700	50000	-4.5	25.0
Benzo[a]pyrene	Ave	0.9679	1.002	0.0500	51700	50000	3.5	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.7985	0.8716	0.0500	54600	50000	9.2	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87783/1 Calibration Date: 09/28/2011 19:53
 Instrument ID: BNAMS11 Calib Start Date: 09/26/2011 10:59
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 09/26/2011 12:50
 Lab File ID: z10324.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibenz(a,h)anthracene	Ave	0.8332	0.9130	0.0500	54800	50000	9.6	25.0
Benzo[g,h,i]perylene	Ave	0.8506	0.9320	0.0500	54800	50000	9.6	25.0
2-Fluorophenol (Surr)	Ave	1.352	1.392	0.0500	51500	50000	3.0	25.0
Phenol-d5 (Surr)	Ave	1.613	1.622	0.0500	50300	50000	0.6	25.0
Nitrobenzene-d5 (Surr)	Ave	0.4100	0.4067	0.0500	49600	50000	-0.8	25.0
2-Fluorobiphenyl	Ave	1.439	1.443	0.0500	50100	50000	0.2	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1860	0.1840	0.0500	49500	50000	-1.1	25.0
Terphenyl-d14 (Surr)	Ave	1.204	1.071	0.0500	44500	50000	-11.1	25.0

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11abr.b/z10324.d
 Report Date: 29-Sep-2011 00:28

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11abr.b/z10324.d
 Lab Smp Id: CCV-1143618
 Inj Date : 28-SEP-2011 19:53
 Operator : BNAMS 4
 Smp Info : CCV-1143618
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11abr.b/8270Cdel_08.m
 Meth Date : 29-Sep-2011 00:28 asfawa
 Cal Date : 28-SEP-2011 19:53
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i

Quant Type: ISTD

Cal File: z10324.d

Continuing Calibration Sample

Compound Sublist: all.sub

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	AMOUNTS	
							CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.191	1.191 (0.321)	225930	50.0000	50(H)		
19 N-Nitrosodimethylamine	74	1.391	1.391 (0.374)	288448	50.0000	49		
71 Pyridine	79	1.408	1.408 (0.379)	534665	50.0000	50		
\$ 16 2-Fluorophenol (SUR)	112	2.455	2.455 (0.661)	490063	50.0000	51		
110 Benzaldehyde	77	3.261	3.261 (0.878)	143420	50.0000	43		
\$ 17 Phenol-d5 (SUR)	99	3.385	3.385 (0.911)	570810	50.0000	50		
1 Phenol	94	3.402	3.402 (0.916)	608614	50.0000	50		
73 Aniline	93	3.385	3.385 (0.911)	699647	50.0000	52		
20 bis(2-Chloroethyl)ether	93	3.461	3.461 (0.932)	471932	50.0000	50		
2 2-Chlorophenol	128	3.508	3.508 (0.945)	491942	50.0000	50		
113 n-decane	43	3.579	3.579 (0.964)	438130	50.0000	48		
21 1,3-Dichlorobenzene	146	3.661	3.661 (0.986)	560116	50.0000	49		
* 79 1,4-Dichlorobenzene-d4	152	3.714	3.714 (1.000)	281547	40.0000			
22 1,4-Dichlorobenzene	146	3.732	3.732 (1.005)	579070	50.0000	50		
74 Benzyl Alcohol	108	3.879	3.879 (1.044)	273149	50.0000	51		

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11abr.b/z10324.d
Report Date: 29-Sep-2011 00:28

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.885	3.885	(1.046)	536558	50.0000	50
3 2-Methylphenol	108	4.014	4.014	(1.081)	411924	50.0000	51
24 bis (2-chloroisopropyl) ether	45	4.014	4.014	(1.081)	494582	50.0000	50
122 o-Toluidine	107	4.132	4.132	(1.112)	549864	50.0000	51
104 Acetophenone	105	4.143	4.143	(1.116)	633923	50.0000	49
4 4-Methylphenol	108	4.173	4.173	(1.124)	478804	50.0000	52
121 3 & 4 Methylphenol	108	4.173	4.173	(1.124)	478804	50.0000	52
25 N-Nitroso-di-n-propylamine	70	4.161	4.161	(1.120)	302491	50.0000	49
26 Hexachloroethane	117	4.226	4.226	(1.138)	222761	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	4.291	4.291	(0.857)	506484	50.0000	50
107 N,N-Dimethylaniline	120	4.320	4.320	(1.163)	737399	50.0000	54
27 Nitrobenzene	77	4.314	4.314	(0.861)	702825	50.0000	52
28 Isophorone	82	4.561	4.561	(0.911)	773667	50.0000	50
5 2-Nitrophenol	139	4.632	4.632	(0.925)	245259	50.0000	50
6 2,4-Dimethylphenol	122	4.708	4.708	(0.940)	381833	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.790	4.790	(0.957)	480042	50.0000	50
7 2,4-Dichlorophenol	162	4.885	4.885	(0.975)	332030	50.0000	50
30 1,2,4-Trichlorobenzene	180	4.961	4.961	(0.991)	389961	50.0000	49
* 80 Naphthalene-d8	136	5.008	5.008	(1.000)	996362	40.0000	
31 Naphthalene	128	5.032	5.032	(1.005)	1355938	50.0000	50
32 4-Chloroaniline	127	5.102	5.102	(1.019)	496451	50.0000	52
33 Hexachlorobutadiene	225	5.173	5.173	(1.033)	238266	50.0000	50
111 Caprolactam	113	5.490	5.490	(1.096)	97318	50.0000	48
8 4-Chloro-3-methylphenol	107	5.626	5.626	(1.123)	339309	50.0000	49
34 2-Methylnaphthalene	142	5.732	5.732	(1.144)	807088	50.0000	50
120 1-Methylnaphthalene	142	5.826	5.826	(1.163)	823806	50.0000	49
35 Hexachlorocyclopentadiene	237	5.902	5.902	(0.874)	197899	50.0000	51
9 2,4,6-Trichlorophenol	196	6.026	6.026	(0.892)	206003	50.0000	50
10 2,4,5-Trichlorophenol	196	6.067	6.067	(0.898)	209304	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	6.108	6.108	(0.904)	805374	50.0000	50
102 Diphenyl	154	6.202	6.202	(0.918)	958633	50.0000	50
36 2-Chloronaphthalene	162	6.208	6.208	(0.919)	685737	50.0000	51
103 Diphenyl Ether	170	6.308	6.308	(0.934)	481679	50.0000	50
37 2-Nitroaniline	65	6.326	6.326	(0.936)	196875	50.0000	44
38 Dimethylphthalate	163	6.520	6.520	(0.965)	682172	50.0000	50
114 Coumarin	146	6.526	6.526	(1.303)	226902	50.0000	48
40 2,6-Dinitrotoluene	165	6.573	6.573	(0.973)	152752	50.0000	50
39 Acenaphthylene	152	6.614	6.614	(0.979)	1061083	50.0000	50
41 3-Nitroaniline	138	6.732	6.732	(0.996)	159018	50.0000	48
* 82 Acenaphthene-d10	164	6.755	6.755	(1.000)	446640	40.0000	
42 Acenaphthene	154	6.790	6.790	(1.005)	652176	50.0000	50
11 2,4-Dinitrophenol	184	6.837	6.837	(1.012)	58134	50.0000	37
12 4-Nitrophenol	65	6.932	6.932	(1.026)	112661	50.0000	44
44 2,4-Dinitrotoluene	165	6.967	6.967	(1.031)	195748	50.0000	50
43 Dibenzofuran	168	6.961	6.961	(1.030)	870161	50.0000	49
45 Diethylphthalate	149	7.214	7.214	(1.068)	685717	50.0000	50
46 4-Chlorophenyl-phenylether	204	7.302	7.302	(1.081)	318119	50.0000	49

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11abr.b/z10324.d
 Report Date: 29-Sep-2011 00:28

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	7.296	7.296	(1.080)	716730	50.0000	50
48 4-Nitroaniline	138	7.332	7.332	(1.085)	143385	50.0000	52
13 4,6-Dinitro-2-methylphenol	198	7.367	7.367	(0.898)	83330	50.0000	43
49 N-Nitrosodiphenylamine	169	7.426	7.426	(0.905)	456628	50.0000	50
75 1,2-Diphenylhydrazine	77	7.461	7.461	(0.910)	827003	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.532	7.532	(1.115)	102709	50.0000	49
50 4-Bromophenyl-phenylether	248	7.779	7.779	(0.948)	175882	50.0000	49
51 Hexachlorobenzene	284	7.837	7.837	(0.956)	192265	50.0000	49
112 Atrazine	200	7.967	7.967	(0.971)	149812	50.0000	50
14 Pentachlorophenol	266	8.031	8.031	(0.979)	91484	50.0000	44
* 83 Phenanthrene-d10	188	8.202	8.202	(1.000)	587812	40.0000	
52 Phenanthrene	178	8.226	8.226	(1.003)	832617	50.0000	49
53 Anthracene	178	8.273	8.273	(1.009)	842673	50.0000	49
54 Carbazole	167	8.443	8.443	(1.029)	678342	50.0000	49
55 Di-n-butylphthalate	149	8.808	8.808	(1.074)	953926	50.0000	50
56 Fluoranthene	202	9.378	9.378	(1.143)	711094	50.0000	50
58 Benzidine	184	9.525	9.525	(1.161)	113454	50.0000	71
57 Pyrene	202	9.596	9.596	(0.886)	690205	50.0000	44
\$ 78 Terphenyl-d14	244	9.767	9.767	(0.902)	496947	50.0000	44
59 Butylbenzylphthalate	149	10.267	10.267	(0.948)	341233	50.0000	47
109 2,3,7,8-TCDD (Screen)	320	10.343	10.343	(0.955)	878	0.50000	0.51
60 3,3'-Dichlorobenzidine	252	10.802	10.802	(0.998)	171463	50.0000	53
61 Benzo(a)anthracene	228	10.814	10.814	(0.999)	539985	50.0000	47
* 81 Chrysene-d12	240	10.825	10.825	(1.000)	371364	40.0000	
63 bis(2-Ethylhexyl)phthalate	149	10.896	10.896	(1.007)	471628	50.0000	49
62 Chrysene	228	10.855	10.855	(1.003)	519246	50.0000	50
64 Di-n-octylphthalate	149	11.667	11.667	(0.929)	724196	50.0000	52
65 Benzo(b)fluoranthene	252	12.084	12.084	(0.962)	435634	50.0000	53
66 Benzo(k)fluoranthene	252	12.119	12.119	(0.965)	441910	50.0000	48
67 Benzo(a)pyrene	252	12.490	12.490	(0.994)	348023	50.0000	52
* 84 Perylene-d12	264	12.561	12.561	(1.000)	277968	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.919	13.919	(1.108)	302857	50.0000	54
69 Dibenz(a,h)anthracene	278	13.955	13.955	(1.111)	317231	50.0000	55
70 Benzo(g,h,i)perylene	276	14.255	14.255	(1.135)	323841	50.0000	55

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19647.d
 Report Date: 29-Sep-2011 15:50

TestAmerica

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19647.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 27-SEP-2011 23:44
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm BNA4557
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/BNADFTPP.m
 Meth Date : 29-Sep-2011 15:49 monica
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50

Inst ID: BNAMS10.i
 Quant Type: ESTD
 Cal File:
 QC Sample: DFTPP
 Compound Sublist: all.sub
 Sample Matrix: None

CONCENTRATIONS									
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
1 dftpp					CAS #:				
4.623	4.650	-0.027	198	54184			0.00- 100.00	100.00	
4.623	4.650	-0.027	51	18337			30.00- 60.00	33.84	
4.623	4.650	-0.027	68	202			0.00- 2.00	0.89	
4.623	4.650	-0.027	69	22766			0.00- 0.00	42.02	
4.623	4.650	-0.027	70	0			0.00- 2.00	0.00	
4.623	4.650	-0.027	127	26128			40.00- 60.00	48.22	
4.623	4.650	-0.027	197	178			0.00- 1.00	0.33	
4.623	4.650	-0.027	199	4127			5.00- 9.00	7.62	
4.623	4.650	-0.027	275	15024			10.00- 30.00	27.73	
4.623	4.650	-0.027	365	2175			1.00- 0.00	4.01	
4.623	4.650	-0.027	441	4369			0.01- 100.00	71.88	
4.623	4.650	-0.027	442	30854			40.00- 110.00	56.94	
4.623	4.650	-0.027	443	6078			17.00- 23.00	19.70	

Data File: p19647.d

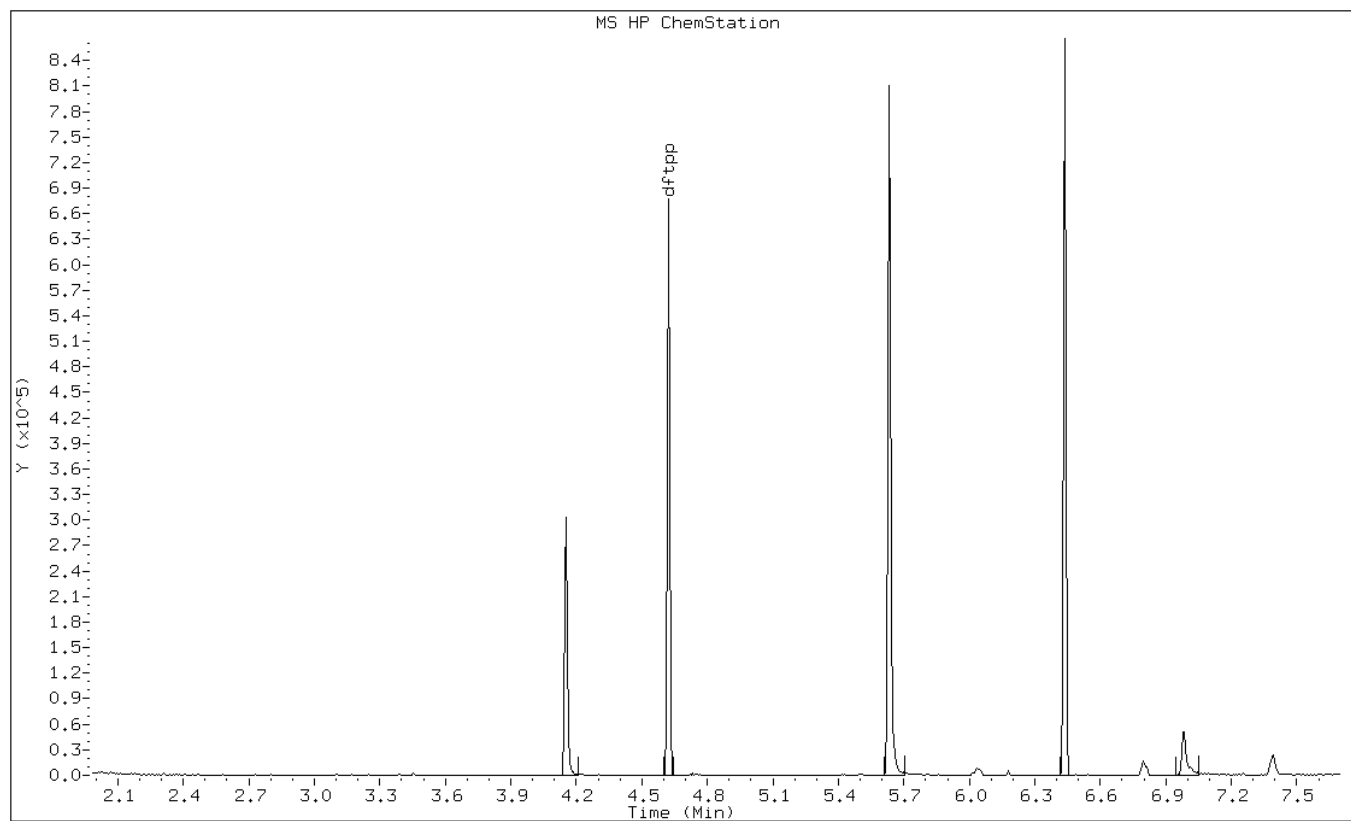
Date: 27-SEP-2011 23:44

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: p19647.d

Date: 27-SEP-2011 23:44

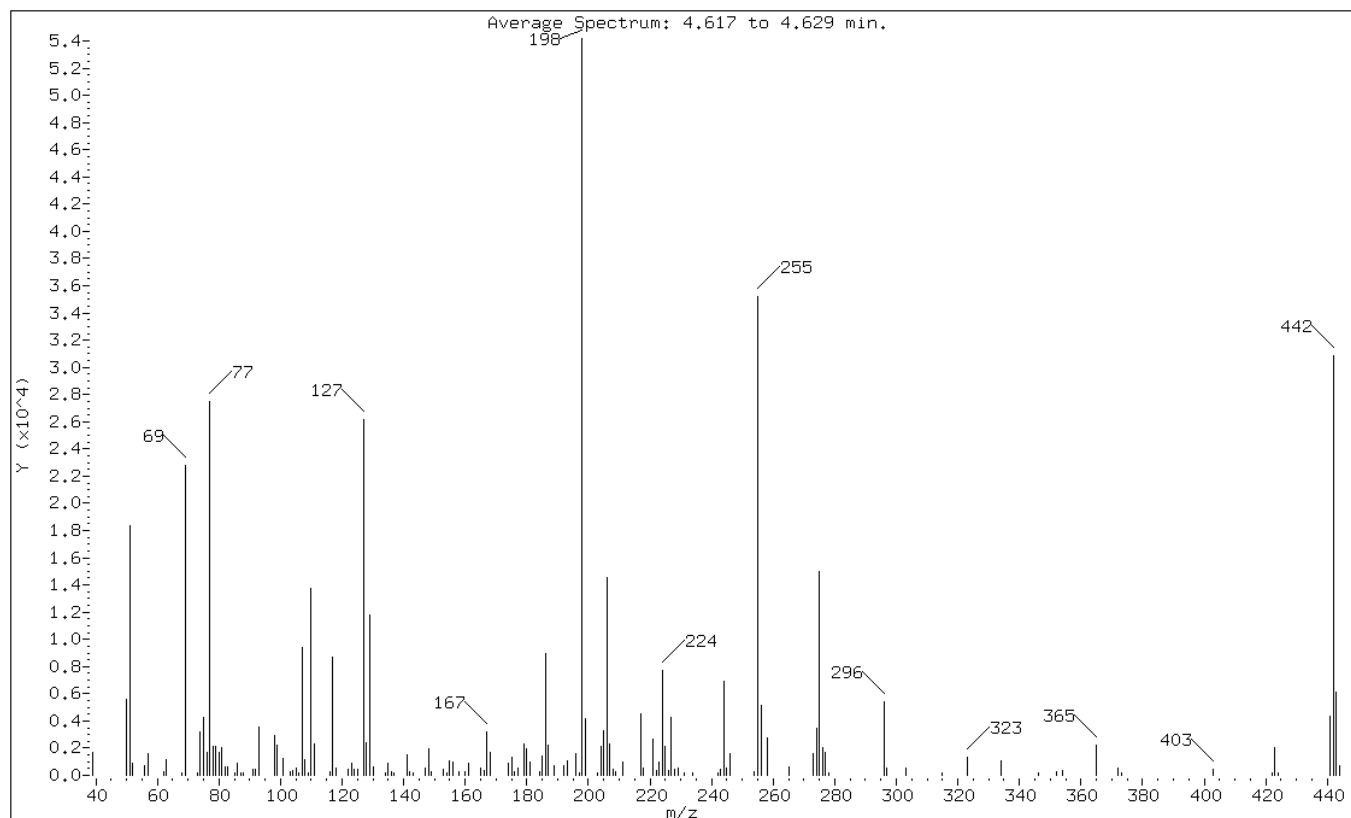
Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-937638

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	33.84
68	Less than 2.00% of mass 69	0.37 (0.89)
69	Mass 69 relative abundance	42.02
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	48.22
197	Less than 1.00% of mass 198	0.33
199	5.00 - 9.00% of mass 198	7.62
275	10.00 - 30.00% of mass 198	27.73
365	Greater than 1.00% of mass 198	4.01
441	0.01 - 100.00% of mass 443	8.06 (71.88)
442	40.00 - 110.00% of mass 198	56.94
443	17.00 - 23.00% of mass 442	11.22 (19.70)

Data File: p19647.d

Date: 27-SEP-2011 23:44

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b/p19647.d

Spectrum: Average Spectrum: 4.617 to 4.629 min.

Location of Maximum: 198.00

Number of points: 147

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1724	109.00	183	176.00	258	242.00	190
50.00	5628	110.00	13773	177.00	533	243.00	403
51.00	18336	111.00	2301	179.00	2291	244.00	6914
52.00	875	116.00	257	180.00	1939	245.00	562
56.00	690	117.00	8660	181.00	968	246.00	1590
57.00	1615	118.00	499	184.00	226	254.00	249
62.00	265	122.00	402	185.00	1448	255.00	35232
63.00	1154	123.00	928	186.00	8964	256.00	5128
68.00	202	124.00	418	187.00	2249	258.00	2749
69.00	22760	125.00	436	189.00	706	265.00	629
73.00	213	127.00	26128	192.00	743	273.00	1556
74.00	3183	128.00	2354	193.00	1031	274.00	3497
75.00	4213	129.00	11797	196.00	1611	275.00	15024
76.00	1660	130.00	607	197.00	178	276.00	2072
77.00	27528	134.00	216	198.00	54184	277.00	1671
78.00	2108	135.00	844	199.00	4127	278.00	171
79.00	2158	136.00	234	203.00	197	296.00	5410
80.00	1679	137.00	167	204.00	2102	297.00	549
81.00	2076	141.00	1517	205.00	3296	303.00	556
82.00	627	142.00	275	206.00	14507	315.00	182
83.00	630	143.00	201	207.00	2284	323.00	1357
85.00	189	147.00	503	208.00	400	334.00	1050
86.00	848	148.00	1958	209.00	238	346.00	167
87.00	179	149.00	272	211.00	1004	352.00	246
88.00	172	153.00	417	217.00	4487	354.00	395
91.00	409	154.00	170	218.00	512	365.00	2175
92.00	456	155.00	1028	221.00	2637	372.00	523
93.00	3566	156.00	943	222.00	341	373.00	196
98.00	2909	158.00	278	223.00	960	403.00	421
99.00	2178	160.00	235	224.00	7755	422.00	205
101.00	1215	161.00	923	225.00	2149	423.00	2057
103.00	230	165.00	537	226.00	335	424.00	203
104.00	355	166.00	377	227.00	4290	441.00	4369
105.00	533	167.00	3179	228.00	424	442.00	30848
106.00	167	168.00	1671	229.00	495	443.00	6078
107.00	9440	174.00	855	231.00	204	444.00	746
108.00	1162	175.00	1312	234.00	196		

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20032.d
 Report Date: 08-Oct-2011 03:46

TestAmerica

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20032.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 08-OCT-2011 02:26
 Operator : BNA2
 Smp Info : DFTPP-1175410
 Misc Info : 25 ppm BNA4589
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/BNADFTPP.m
 Meth Date : 29-Sep-2011 15:51 monica
 Cal Date :
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50

Inst ID: BNAMS10.i
 Quant Type: ESTD
 Cal File:
 QC Sample: DFTPP
 Compound Sublist: all.sub
 Sample Matrix: None

					CONCENTRATIONS				
					ON-COL	FINAL			
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
1 dftpp					CAS #:				
4.306	4.650	-0.344	198	72253			0.00- 100.00	100.00	
4.306	4.650	-0.344	51	28728			30.00- 60.00	39.76	
4.306	4.650	-0.344	68	335			0.00- 2.00	0.93	
4.306	4.650	-0.344	69	36216			0.00- 0.00	50.12	
4.306	4.650	-0.344	70	0			0.00- 2.00	0.00	
4.306	4.650	-0.344	127	38184			40.00- 60.00	52.85	
4.306	4.650	-0.344	197	386			0.00- 1.00	0.53	
4.306	4.650	-0.344	199	5058			5.00- 9.00	7.00	
4.306	4.650	-0.344	275	19483			10.00- 30.00	26.96	
4.306	4.650	-0.344	365	2878			1.00- 0.00	3.98	
4.306	4.650	-0.344	441	5312			0.01- 100.00	74.60	
4.306	4.650	-0.344	442	40181			40.00- 110.00	55.61	
4.306	4.650	-0.344	443	7121			17.00- 23.00	17.72	

Data File: p20032.d

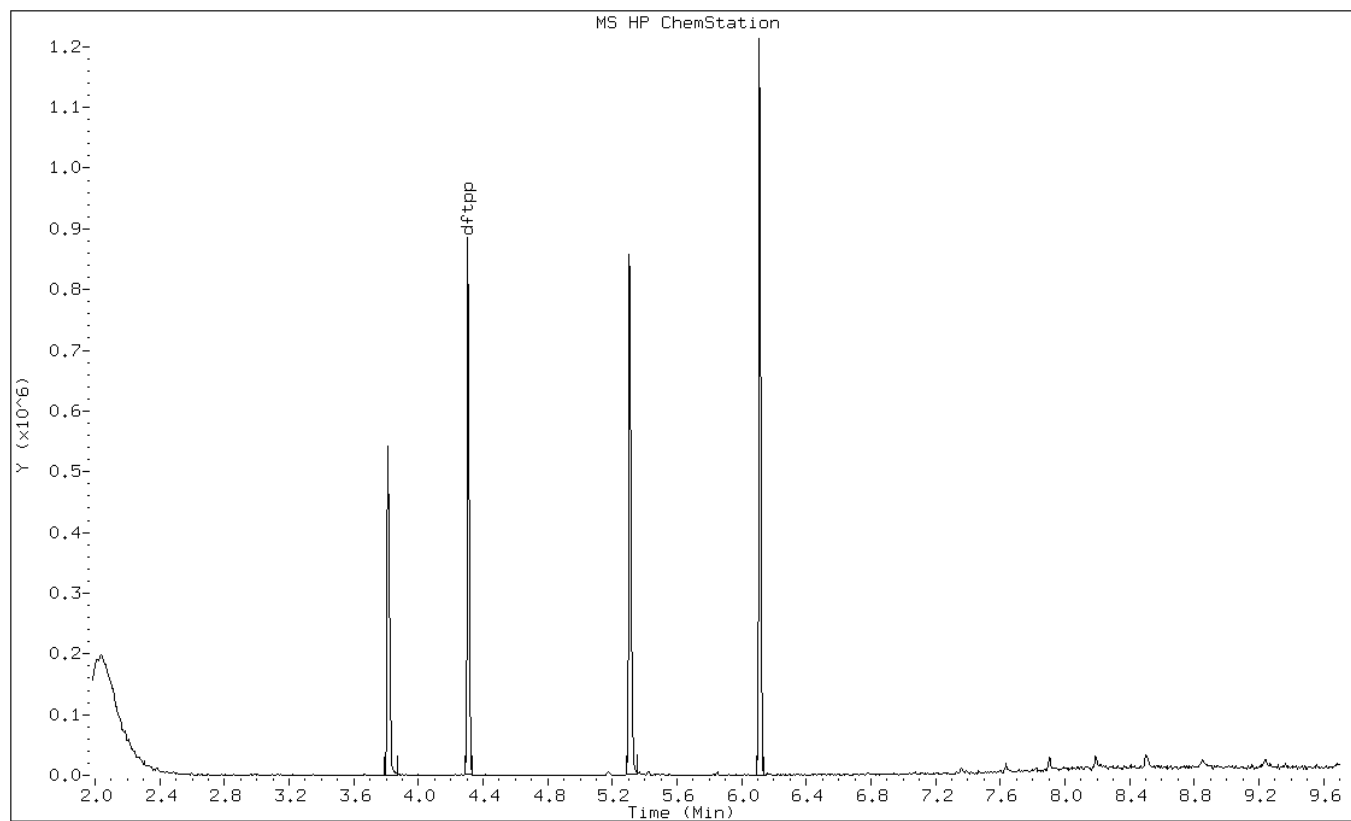
Date: 08-OCT-2011 02:26

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: p20032.d

Date: 08-OCT-2011 02:26

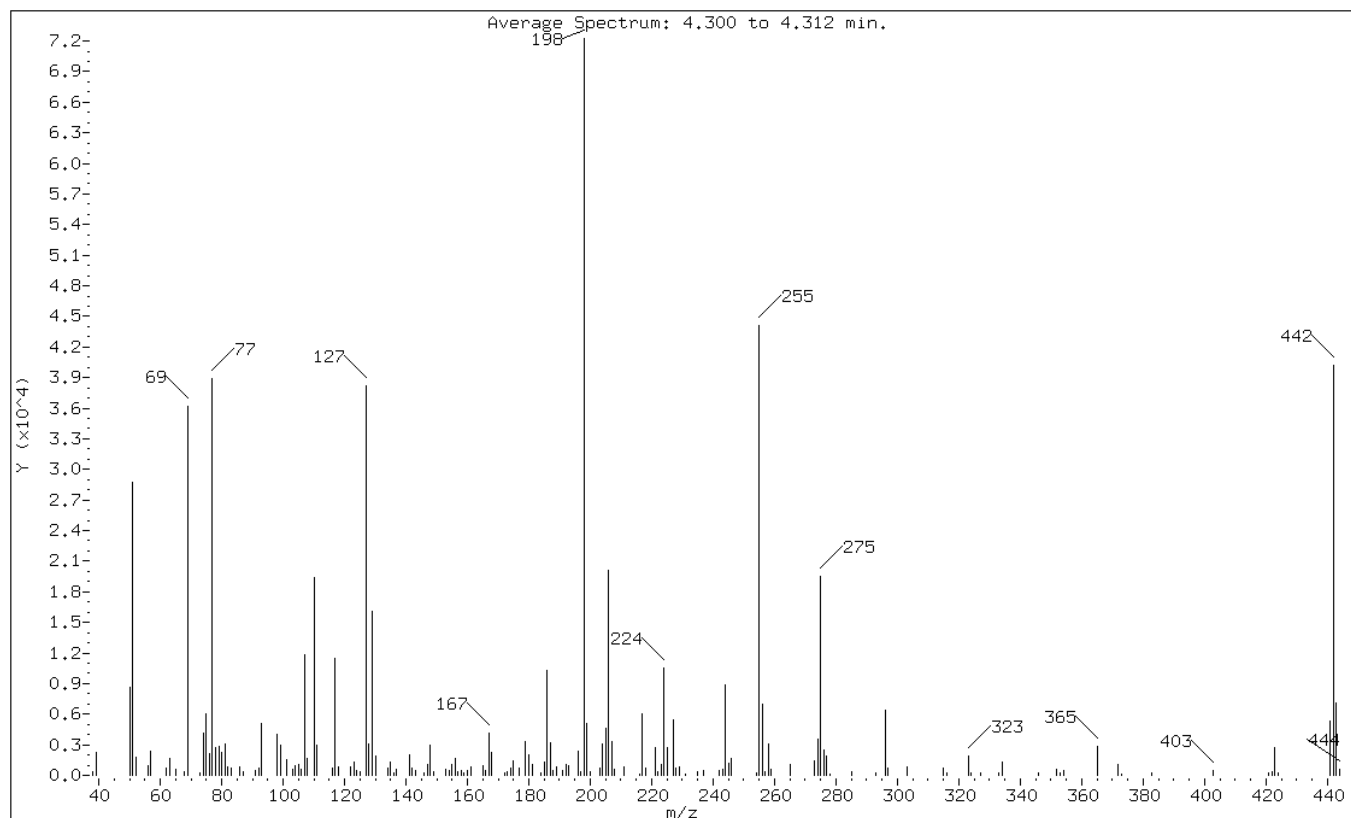
Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

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	39.76
68	Less than 2.00% of mass 69	0.46 (0.93)
69	Mass 69 relative abundance	50.12
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	52.85
197	Less than 1.00% of mass 198	0.53
199	5.00 - 9.00% of mass 198	7.00
275	10.00 - 30.00% of mass 198	26.96
365	Greater than 1.00% of mass 198	3.98
441	0.01 - 100.00% of mass 443	7.35 (74.60)
442	40.00 - 110.00% of mass 198	55.61
443	17.00 - 23.00% of mass 442	9.86 (17.72)

Data File: p20032.d

Date: 08-OCT-2011 02:26

Client ID:

Instrument: BNAMS10.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20032.d

Spectrum: Average Spectrum: 4.300 to 4.312 min.

Location of Maximum: 198.00

Number of points: 164

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	402	122.00	797	186.00	10248	258.00	3080
39.00	2266	123.00	1324	187.00	3138	259.00	625
50.00	8627	124.00	488	188.00	433	265.00	1036
51.00	28728	125.00	323	189.00	841	273.00	1413
52.00	1811	127.00	38184	191.00	482	274.00	3570
56.00	925	128.00	3095	192.00	1104	275.00	19480
57.00	2325	129.00	16112	193.00	988	276.00	2431
62.00	755	130.00	1840	196.00	2363	277.00	1876
63.00	1615	134.00	664	197.00	386	278.00	169
65.00	535	135.00	1320	198.00	72248	285.00	399
68.00	335	136.00	236	199.00	5058	293.00	245
69.00	36216	137.00	629	200.00	411	296.00	6347
73.00	207	141.00	2041	203.00	669	297.00	688
74.00	4141	142.00	762	204.00	3076	303.00	816
75.00	6020	143.00	501	205.00	4573	315.00	718
76.00	2176	146.00	178	206.00	20144	316.00	202
77.00	38928	147.00	1101	207.00	3289	323.00	1937
78.00	2728	148.00	2912	208.00	616	324.00	208
79.00	2834	149.00	411	211.00	856	327.00	211
80.00	2297	153.00	597	216.00	177	333.00	223
81.00	3054	154.00	447	217.00	6054	334.00	1285
82.00	849	155.00	1090	218.00	692	346.00	239
83.00	680	156.00	1598	221.00	2679	352.00	546
86.00	864	157.00	359	222.00	343	353.00	226
87.00	323	158.00	474	223.00	1037	354.00	484
91.00	423	159.00	198	224.00	10481	365.00	2878
92.00	768	160.00	428	225.00	2714	372.00	1112
93.00	5103	161.00	770	227.00	5406	373.00	172
98.00	4022	165.00	957	228.00	691	383.00	273
99.00	2916	166.00	486	229.00	795	403.00	445
101.00	1551	167.00	4097	231.00	171	421.00	188
103.00	540	168.00	2303	235.00	375	422.00	341
104.00	957	172.00	219	237.00	493	423.00	2759
105.00	1024	173.00	397	242.00	529	424.00	260
106.00	571	174.00	726	243.00	603	441.00	5312
107.00	11819	175.00	1405	244.00	8849	442.00	40176
108.00	1657	177.00	757	245.00	1183	443.00	7121
110.00	19344	179.00	3275	246.00	1680	444.00	543
111.00	2999	180.00	2008	254.00	277		
116.00	747	181.00	1073	255.00	44080		

117.00	11466	184.00	180	256.00	7009	
118.00	852	185.00	1252	257.00	296	
+-----+-----+-----+-----+						

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
 Report Date: 26-Sep-2011 14:33

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 26-SEP-2011 10:44
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm dftpp bna 4557
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/DFTPP8270DEL.m
 Meth Date : 23-Aug-2011 11:00 croccom Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 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 #:				
4.624	4.748	-0.124	198	29173			0.00-	100.00	100.00
4.624	4.748	-0.124	51	12452			30.00-	60.00	42.68
4.624	4.748	-0.124	68	0			0.00-	2.00	0.00
4.624	4.748	-0.124	69	12578			0.00-	0.00	43.12
4.624	4.748	-0.124	70	0			0.00-	2.00	0.00
4.624	4.748	-0.124	127	14981			40.00-	60.00	51.35
4.624	4.748	-0.124	197	0			0.00-	1.00	0.00
4.624	4.748	-0.124	199	1948			5.00-	9.00	6.68
4.624	4.748	-0.124	275	8726			10.00-	30.00	29.91
4.624	4.748	-0.124	365	1454			1.00-	0.00	4.98
4.624	4.748	-0.124	441	4407			0.01-	100.00	78.15
4.624	4.748	-0.124	442	29050			40.00-	110.00	99.58
4.624	4.748	-0.124	443	5639			17.00-	23.00	19.41

Data File: z10237.d

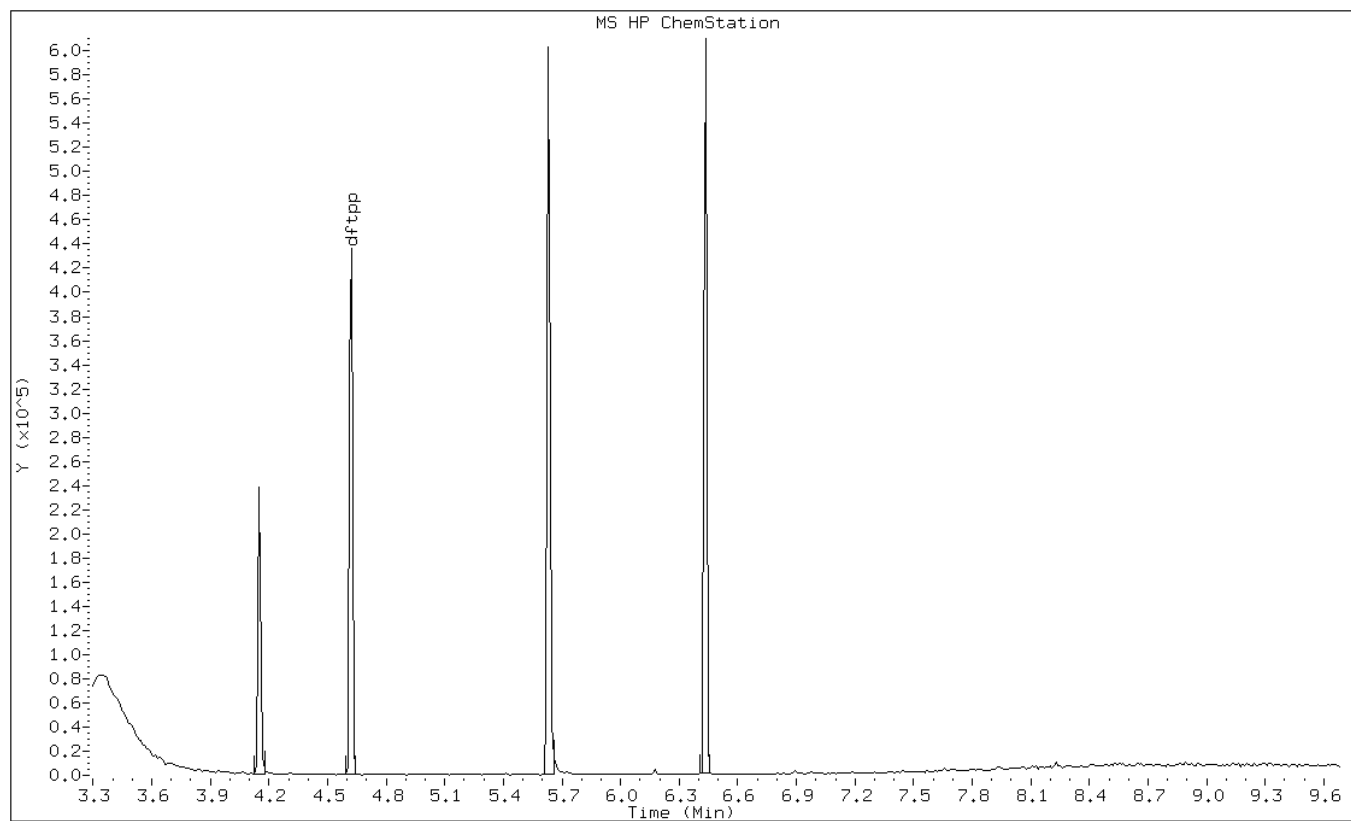
Date: 26-SEP-2011 10:44

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z10237.d

Date: 26-SEP-2011 10:44

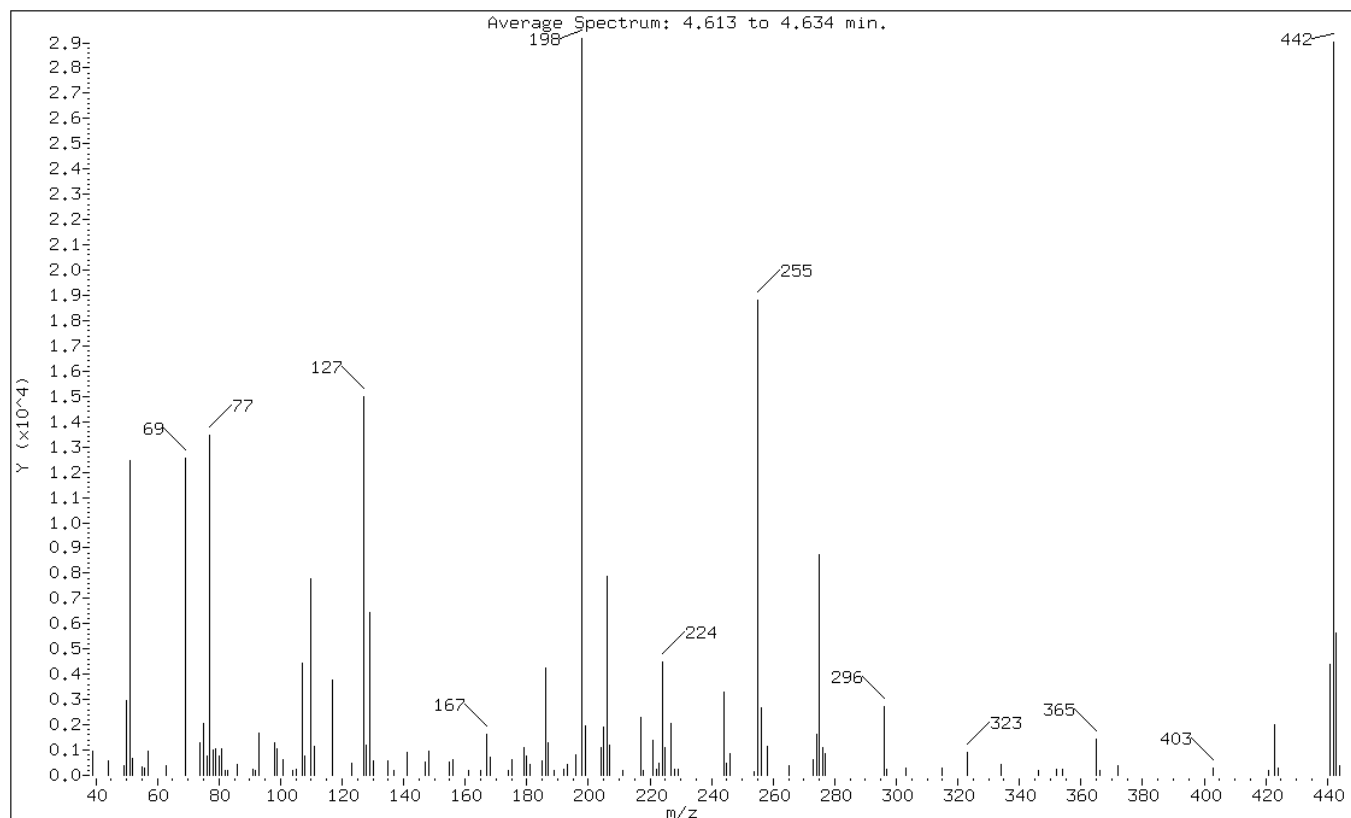
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

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	42.68
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	43.12
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.35
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.68
275	10.00 - 30.00% of mass 198	29.91
365	Greater than 1.00% of mass 198	4.98
441	0.01 - 100.00% of mass 443	15.11 (78.15)
442	40.00 - 110.00% of mass 198	99.58
443	17.00 - 23.00% of mass 442	19.33 (19.41)

Data File: z10237.d

Date: 26-SEP-2011 10:44

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b/z10237.d
Spectrum: Average Spectrum: 4.613 to 4.634 min.
Location of Maximum: 198.00
Number of points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	932	105.00	215	187.00	1299	265.00	384
44.00	571	107.00	4446	189.00	169	273.00	616
49.00	384	108.00	763	192.00	235	274.00	1617
50.00	2953	110.00	7773	193.00	417	275.00	8726
51.00	12452	111.00	1165	196.00	802	276.00	1118
52.00	681	117.00	3752	198.00	29168	277.00	858
55.00	356	123.00	465	199.00	1948	296.00	2738
56.00	309	127.00	14981	204.00	1099	297.00	259
57.00	974	128.00	1198	205.00	1923	303.00	307
63.00	367	129.00	6438	206.00	7863	315.00	307
69.00	12578	130.00	576	207.00	1214	323.00	917
74.00	1269	135.00	557	211.00	170	334.00	442
75.00	2033	137.00	174	217.00	2269	346.00	171
76.00	755	141.00	914	218.00	199	352.00	242
77.00	13464	147.00	516	221.00	1405	354.00	215
78.00	982	148.00	970	222.00	237	365.00	1454
79.00	1031	155.00	514	223.00	489	366.00	184
80.00	761	156.00	633	224.00	4475	372.00	366
81.00	1044	161.00	213	225.00	1109	403.00	281
82.00	183	165.00	179	227.00	2059	421.00	196
83.00	171	167.00	1616	228.00	227	423.00	2004
86.00	406	168.00	709	229.00	246	424.00	304
91.00	229	174.00	200	244.00	3291	441.00	4407
92.00	179	175.00	600	245.00	471	442.00	29048
93.00	1671	179.00	1107	246.00	842	443.00	5639
98.00	1312	180.00	749	254.00	166	444.00	402
99.00	1038	181.00	420	255.00	18824		
101.00	602	185.00	554	256.00	2676		
104.00	211	186.00	4259	258.00	1133		

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10316.d
 Report Date: 28-Sep-2011 14:57

TestAmerica

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10316.d
 Lab Smp Id: DFTPP-937638
 Inj Date : 28-SEP-2011 14:49
 Operator : BNA2
 Smp Info : DFTPP-937638
 Misc Info : 25 ppm dftpp bna 4557
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/DFTPP8270DEL.m
 Meth Date : 23-Aug-2011 11:00 croccom Quant Type: ESTD
 Cal Date : Cal File:
 Als bottle: 1 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 #:				
4.561	4.748	-0.187	198	48651			0.00-	100.00	100.00
4.561	4.748	-0.187	51	20295			30.00-	60.00	41.72
4.561	4.748	-0.187	68	292			0.00-	2.00	1.39
4.561	4.748	-0.187	69	21008			0.00-	0.00	43.18
4.561	4.748	-0.187	70	0			0.00-	2.00	0.00
4.561	4.748	-0.187	127	25202			40.00-	60.00	51.80
4.561	4.748	-0.187	197	0			0.00-	1.00	0.00
4.561	4.748	-0.187	199	3129			5.00-	9.00	6.43
4.561	4.748	-0.187	275	14020			10.00-	30.00	28.82
4.561	4.748	-0.187	365	2596			1.00-	0.00	5.34
4.561	4.748	-0.187	441	6941			0.01-	100.00	79.83
4.561	4.748	-0.187	442	46130			40.00-	110.00	94.82
4.561	4.748	-0.187	443	8695			17.00-	23.00	18.85

Data File: z10316.d

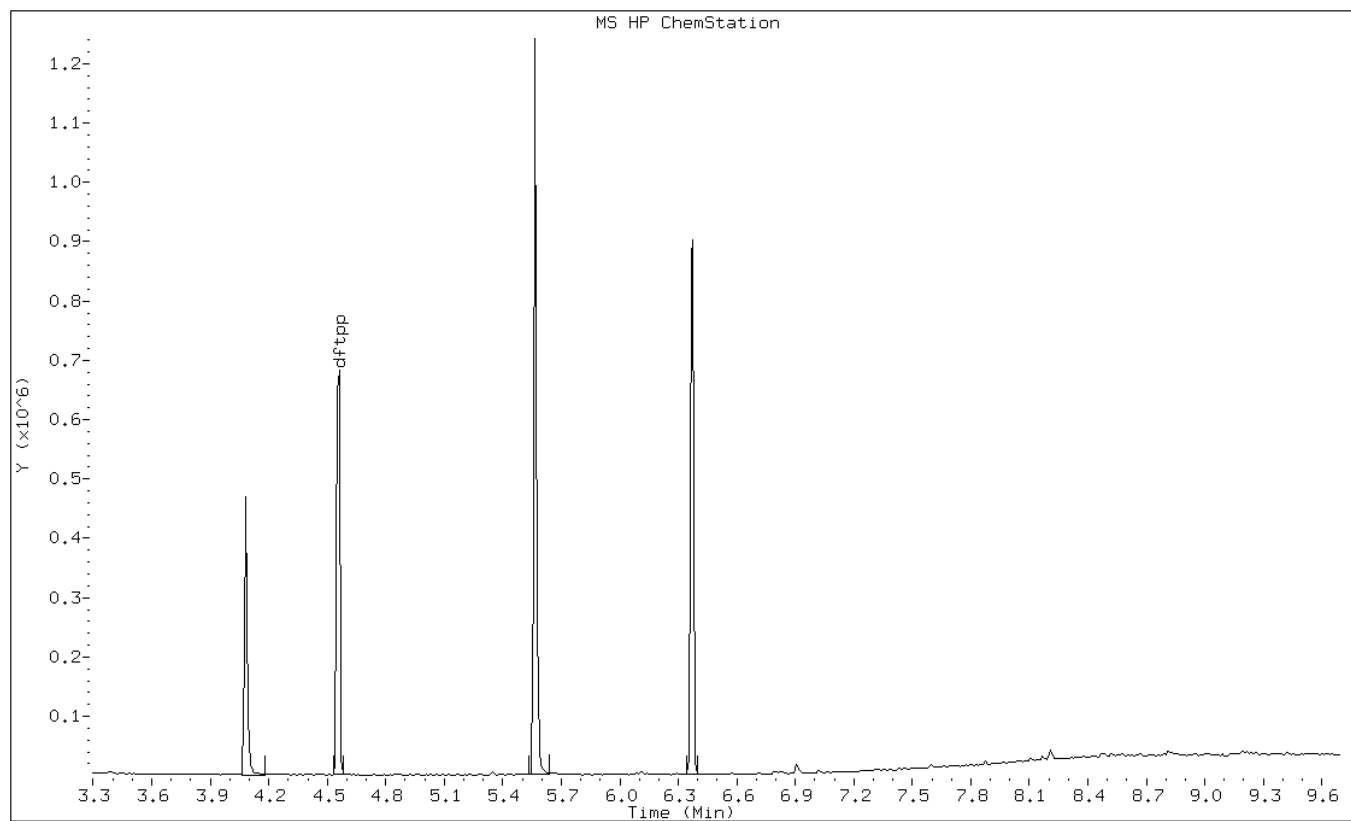
Date: 28-SEP-2011 14:49

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2



Data File: z10316.d

Date: 28-SEP-2011 14:49

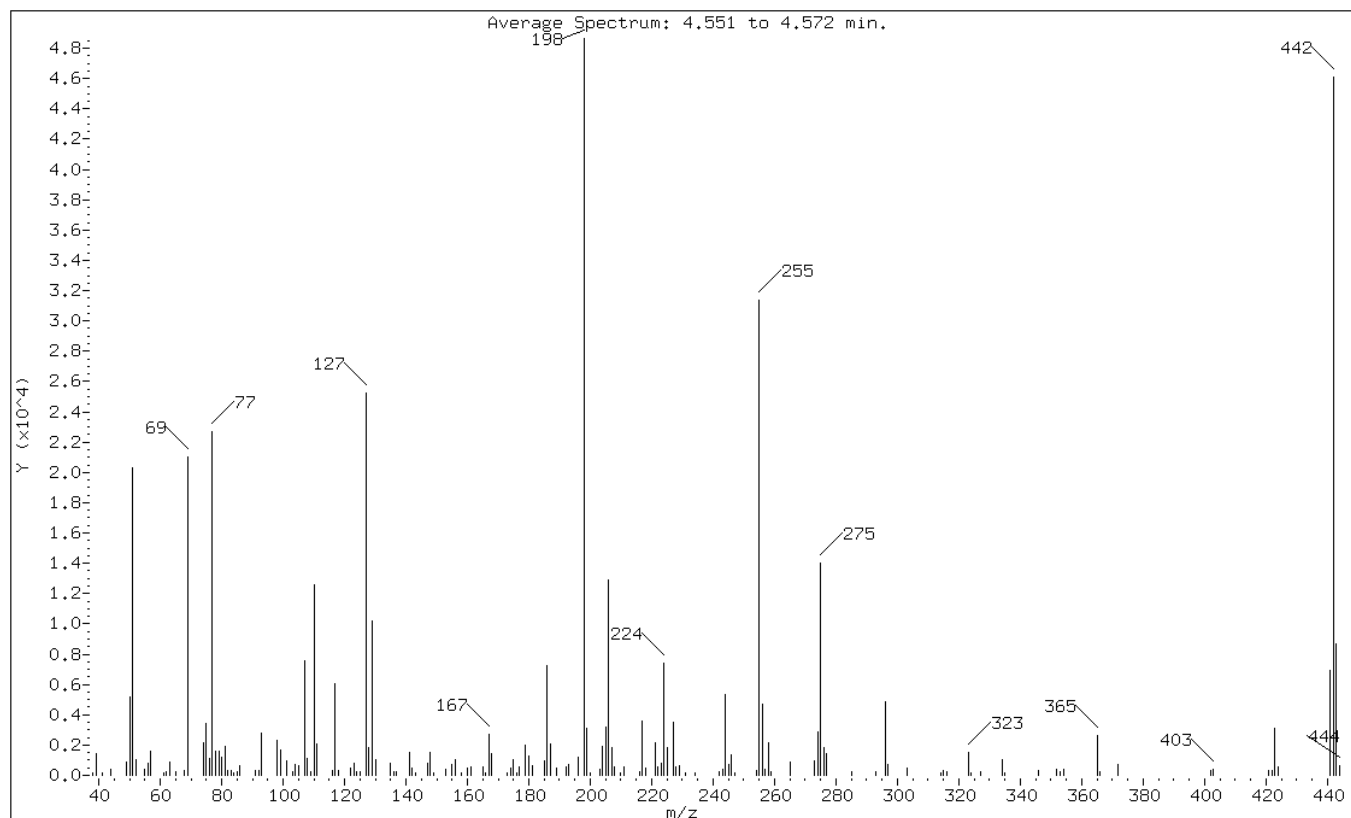
Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

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	41.72
68	Less than 2.00% of mass 69	0.60 (1.39)
69	Mass 69 relative abundance	43.18
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	51.80
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.43
275	10.00 - 30.00% of mass 198	28.82
365	Greater than 1.00% of mass 198	5.34
441	0.01 - 100.00% of mass 443	14.27 (79.83)
442	40.00 - 110.00% of mass 198	94.82
443	17.00 - 23.00% of mass 442	17.87 (18.85)

Data File: z10316.d

Date: 28-SEP-2011 14:49

Client ID:

Instrument: BNAMS11.i

Sample Info: DFTPP-937638

Operator: BNA2

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10316.d

Spectrum: Average Spectrum: 4.551 to 4.572 min.

Location of Maximum: 198.00

Number of points: 161

m/z	Y	m/z	Y	m/z	Y	m/z	Y
38.00	197	109.00	211	185.00	933	258.00	2111
39.00	1457	110.00	12558	186.00	7239	259.00	230
41.00	177	111.00	2072	187.00	2047	265.00	853
44.00	361	116.00	309	189.00	489	273.00	954
49.00	907	117.00	6019	192.00	570	274.00	2832
50.00	5138	118.00	283	193.00	739	275.00	14020
51.00	20288	122.00	515	196.00	1180	276.00	1806
52.00	1021	123.00	807	198.00	48648	277.00	1446
55.00	403	124.00	212	199.00	3129	285.00	202
56.00	826	125.00	220	200.00	169	293.00	212
57.00	1568	127.00	25200	203.00	405	296.00	4850
61.00	179	128.00	1853	204.00	1902	297.00	704
62.00	230	129.00	10215	205.00	3152	303.00	471
63.00	897	130.00	1004	206.00	12912	314.00	172
65.00	270	135.00	835	207.00	1842	315.00	358
68.00	292	136.00	257	208.00	586	316.00	272
69.00	21008	137.00	271	210.00	167	323.00	1504
74.00	2147	141.00	1533	211.00	574	324.00	171
75.00	3396	142.00	449	216.00	235	327.00	240
76.00	1142	143.00	182	217.00	3562	334.00	1011
77.00	22680	147.00	802	218.00	446	335.00	168
78.00	1625	148.00	1550	221.00	2151	346.00	290
79.00	1566	149.00	189	222.00	528	352.00	392
80.00	1210	153.00	421	223.00	803	353.00	223
81.00	1874	155.00	679	224.00	7403	354.00	419
82.00	300	156.00	1054	225.00	1854	365.00	2596
83.00	341	158.00	181	227.00	3522	366.00	245
84.00	198	160.00	514	228.00	552	372.00	738
85.00	209	161.00	588	229.00	656	402.00	311
86.00	643	165.00	559	231.00	173	403.00	393
91.00	318	166.00	198	234.00	194	421.00	321
92.00	312	167.00	2678	242.00	225	422.00	319
93.00	2808	168.00	1410	243.00	411	423.00	3071
98.00	2296	173.00	170	244.00	5332	424.00	533
99.00	1675	174.00	500	245.00	718	441.00	6941
101.00	992	175.00	1056	246.00	1343	442.00	46128
103.00	205	176.00	171	247.00	177	443.00	8695
104.00	706	177.00	553	254.00	297	444.00	645
105.00	598	179.00	2014	255.00	31368		
107.00	7551	180.00	1240	256.00	4692		

	108.00		1109		181.00		656		257.00		408			
+	-----+													

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87412/1-A
 Matrix: Solid Lab File ID: z10319.d
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
 Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 17:48
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: _____ Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	330	U	330	21
108-95-2	Phenol	330	U	330	41
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
98-86-2	Acetophenone	330	U	330	49
106-44-5	4-Methylphenol	330	U	330	54
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
67-72-1	Hexachloroethane	33	U	33	5.6
98-95-3	Nitrobenzene	33	U	33	7.4
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
120-83-2	2,4-Dichlorophenol	330	U	330	53
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	1,1'-Biphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
131-11-3	Dimethyl phthalate	330	U	330	45
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47
51-28-5	2,4-Dinitrophenol	1000	U	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-87412/1-A</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10319.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3541</u>	Date Extracted: <u>09/27/2011 12:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/28/2011 17:48</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87782</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
132-64-9	Dibenzofuran	330	U	330	50
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
118-74-1	Hexachlorobenzene	33	U	33	4.6
1912-24-9	Atrazine	330	U	330	62
87-86-5	Pentachlorophenol	1000	U	1000	160
85-01-8	Phenanthrene	330	U	330	58
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
84-74-2	Di-n-butyl phthalate	330	U	330	51
206-44-0	Fluoranthene	330	U	330	55
129-00-0	Pyrene	330	U	330	57
85-68-7	Butyl benzyl phthalate	330	U	330	39
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
56-55-3	Benzo[a]anthracene	33	U	33	6.1
218-01-9	Chrysene	330	U	330	48
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
50-32-8	Benzo[a]pyrene	33	U	33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
191-24-2	Benzo[g,h,i]perylene	330	U	330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87412/1-A
Matrix: Solid Lab File ID: z10319.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 17:48
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	53		10-120
321-60-8	2-Fluorobiphenyl	78		40-109
367-12-4	2-Fluorophenol (Surr)	79		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	80		38-105
4165-62-2	Phenol-d5 (Surr)	84		41-118
1718-51-0	Terphenyl-d14 (Surr)	89		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87412/1-A
Matrix: Solid Lab File ID: z10319.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 17:48
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87782 Units: ug/Kg
Number TICs Found: 2 TIC Result Total: 10374

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.23	10000	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.37	374	J

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10319.d
 Report Date: 29-Sep-2011 00:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10319.d
 Lab Smp Id: MB 460-87412/1-A
 Inj Date : 28-SEP-2011 17:48
 Operator : BNAMS 4
 Smp Info : MB 460-87412/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 16:17 czhao
 Cal Date : 28-SEP-2011 15:03
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i
 Quant Type: ISTD
 Cal File: z10317.d
 QC Sample: BLANK
 Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL
						(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)	112	2.497	2.450	(0.672)	936022	79.4972	5300
\$ 17 Phenol-d5 (SUR)	99	3.379	3.373	(0.910)	1117313	84.4114	5600
* 79 1,4-Dichlorobenzene-d4	152	3.714	3.714	(1.000)	349806	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	4.279	4.285	(0.855)	546132	40.2159	2700
* 80 Naphthalene-d8	136	5.002	5.008	(1.000)	1312003	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	6.102	6.102	(0.903)	927844	39.0847	2600
* 82 Acenaphthene-d10	164	6.755	6.755	(1.000)	646511	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.526	7.532	(1.114)	159732	53.2919	3600
* 83 Phenanthrene-d10	188	8.202	8.202	(1.000)	926410	40.0000	
\$ 78 Terphenyl-d14	244	9.773	9.767	(0.903)	764445	44.5693	3000
* 81 Chrysene-d12	240	10.826	10.825	(1.000)	655026	40.0000	
* 84 Perylene-d12	264	12.567	12.561	(1.000)	549283	40.0000	(H)

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10319.d
Report Date: 29-Sep-2011 00:21

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10319.d
Report Date: 29-Sep-2011 00:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10319.d
Lab Smp Id: MB 460-87412/1-A
Inj Date : 28-SEP-2011 17:48
Operator : BNAMS 4
Smp Info : MB 460-87412/1-A
Misc Info :
Comment :
Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
Meth Date : 28-Sep-2011 16:17 czhao
Cal Date : 28-SEP-2011 15:03
Als bottle: 4
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1
Inst ID: BNAMS11.i
Quant Type: ISTD
Cal File: z10317.d
QC Sample: BLANK
Compound Sublist: all-soil.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	3.714	2228962	40.000
* 83 Phenanthrene-d10	8.202	2479759	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Aldol Condensate					CAS #:		
2.232	8368104	150.170380	10000	0		0	79

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10319.d
Report Date: 29-Sep-2011 00:21

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
====	====	=====	=====	====	=====	=====	=====
Degradation product of 2,4,6-Tribromophenol(sur) CAS #:							
8.367	347808	5.61035536	370	0		0	83

Data File: z10319.d

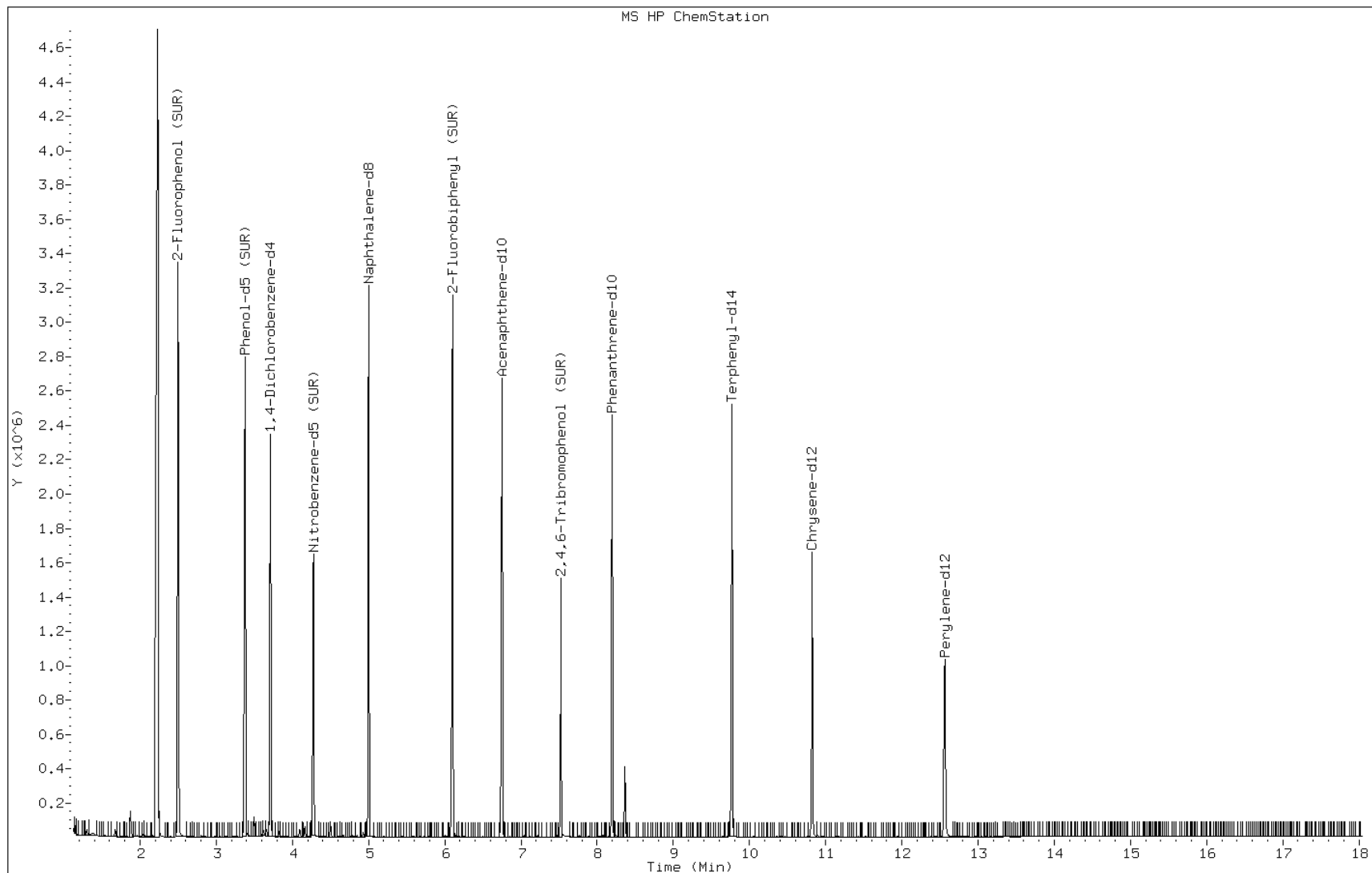
Date: 28-SEP-2011 17:48

Client ID:

Instrument: BNAMS11.i

Sample Info: MB 460-87412/1-A

Operator: BNAMS 4



Data File: z10319.d

Date: 28-SEP-2011 17:48

Client ID:

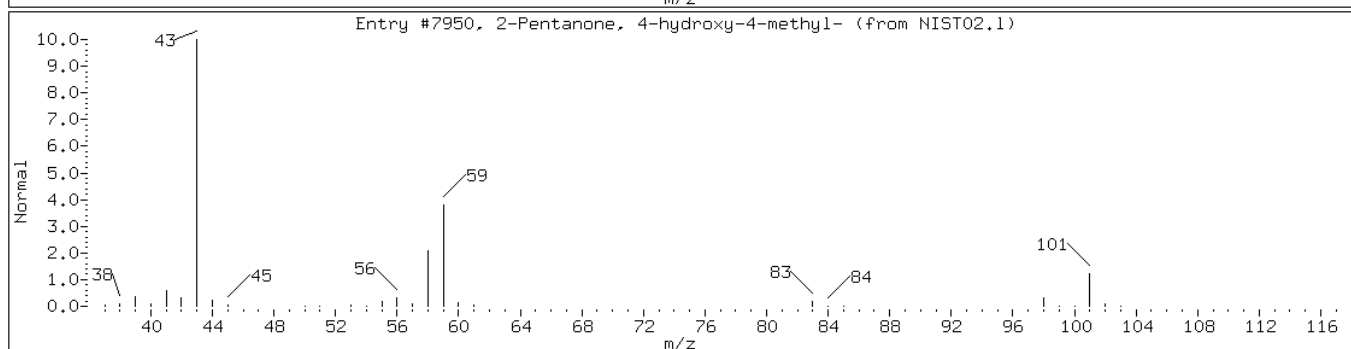
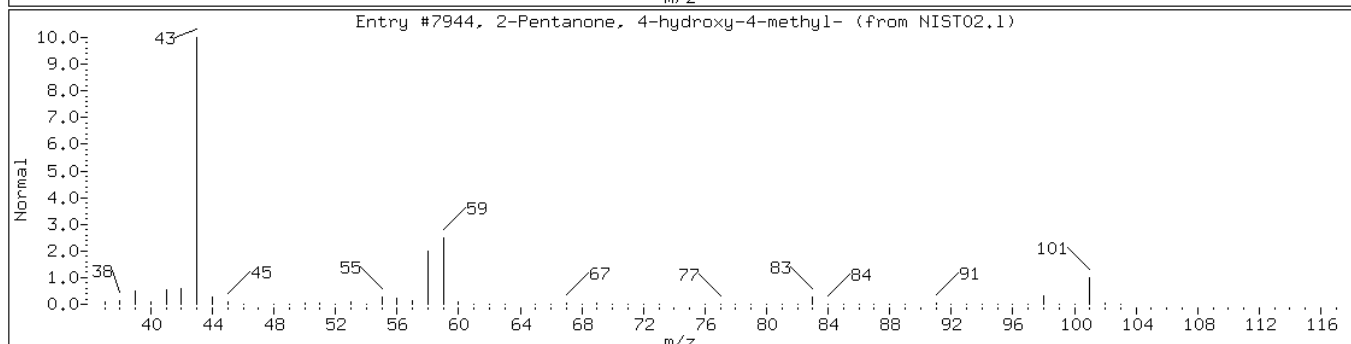
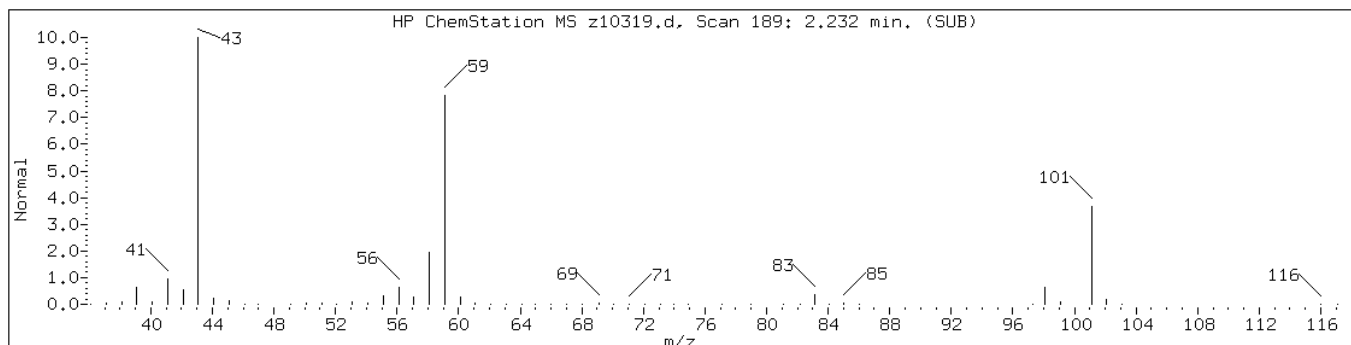
Instrument: BNAMS11.i

Sample Info: MB 460-87412/1-A

Operator: BNAMS 4

Retention Time: 2.23

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.1	7944	64	C6H12O2	116
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.1	7950	50	C6H12O2	116



Data File: z10319.d

Date: 28-SEP-2011 17:48

Client ID:

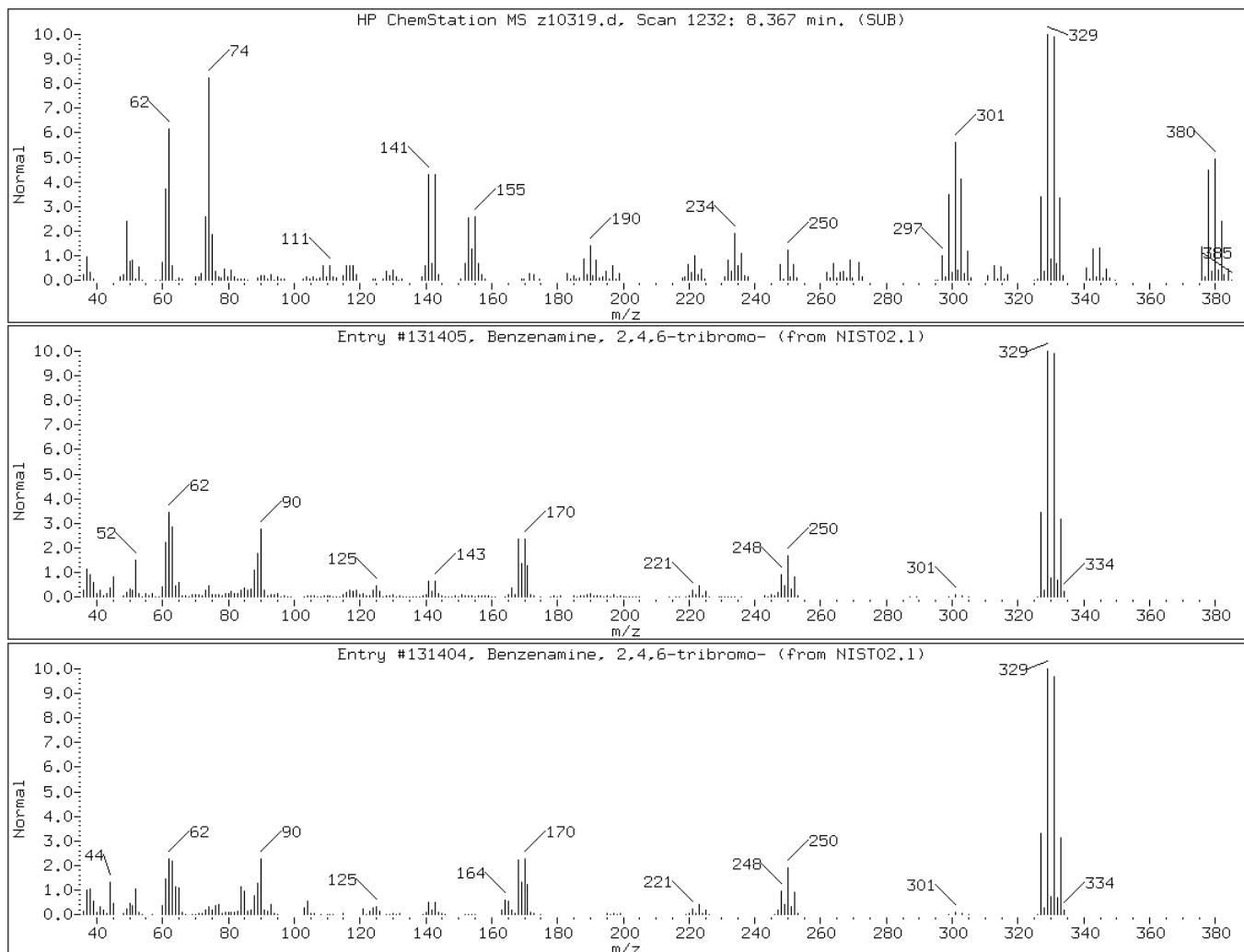
Instrument: BNAMS11.i

Sample Info: MB 460-87412/1-A

Operator: BNAMS 4

Retention Time: 8.37

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.1	131405	55	C6H4Br3N	327
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.1	131404	27	C6H4Br3N	327



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>MB 460-88256/1-A</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20037.d</u>
Analysis Method: <u>8270C</u>	Date Collected: _____
Extract. Method: <u>3541</u>	Date Extracted: <u>10/04/2011 21:50</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>10/08/2011 04:37</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88920</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	330	U	330	21
108-95-2	Phenol	330	U	330	41
111-44-4	Bis(2-chloroethyl)ether	33	U	33	6.9
95-57-8	2-Chlorophenol	330	U	330	44
95-48-7	2-Methylphenol	330	U	330	48
108-60-1	2,2'-oxybis[1-chloropropane]	330	U	330	43
98-86-2	Acetophenone	330	U	330	49
106-44-5	4-Methylphenol	330	U	330	54
621-64-7	N-Nitrosodi-n-propylamine	33	U	33	4.4
67-72-1	Hexachloroethane	33	U	33	5.6
98-95-3	Nitrobenzene	33	U	33	7.4
78-59-1	Isophorone	330	U	330	38
88-75-5	2-Nitrophenol	330	U	330	54
105-67-9	2,4-Dimethylphenol	330	U	330	53
111-91-1	Bis(2-chloroethoxy)methane	330	U	330	47
120-83-2	2,4-Dichlorophenol	330	U	330	53
91-20-3	Naphthalene	330	U	330	48
106-47-8	4-Chloroaniline	330	U	330	42
87-68-3	Hexachlorobutadiene	67	U	67	13
105-60-2	Caprolactam	330	U	330	45
59-50-7	4-Chloro-3-methylphenol	330	U	330	56
91-57-6	2-Methylnaphthalene	330	U	330	48
77-47-4	Hexachlorocyclopentadiene	330	U	330	97
88-06-2	2,4,6-Trichlorophenol	330	U	330	59
95-95-4	2,4,5-Trichlorophenol	330	U	330	64
92-52-4	1,1'-Biphenyl	330	U	330	55
91-58-7	2-Chloronaphthalene	330	U	330	47
88-74-4	2-Nitroaniline	670	U	670	91
131-11-3	Dimethyl phthalate	330	U	330	45
606-20-2	2,6-Dinitrotoluene	67	U	67	8.4
208-96-8	Acenaphthylene	330	U	330	47
99-09-2	3-Nitroaniline	670	U	670	75
83-32-9	Acenaphthene	330	U	330	47
51-28-5	2,4-Dinitrophenol	1000	U	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-88256/1-A

Matrix: Solid Lab File ID: p20037.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/04/2011 21:50

Sample wt/vol: 15.00(g) Date Analyzed: 10/08/2011 04:37

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

Injection Volume: _____ Level: (low/med) Low

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

Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	1000	U	1000	85
132-64-9	Dibenzofuran	330	U	330	50
121-14-2	2,4-Dinitrotoluene	67	U	67	9.7
84-66-2	Diethyl phthalate	330	U	330	44
86-73-7	Fluorene	330	U	330	56
7005-72-3	4-Chlorophenyl phenyl ether	330	U	330	57
100-01-6	4-Nitroaniline	670	U	670	68
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1000	160
86-30-6	N-Nitrosodiphenylamine	330	U	330	54
101-55-3	4-Bromophenyl phenyl ether	330	U	330	59
118-74-1	Hexachlorobenzene	33	U	33	4.6
1912-24-9	Atrazine	330	U	330	62
87-86-5	Pentachlorophenol	1000	U	1000	160
85-01-8	Phenanthrene	330	U	330	58
120-12-7	Anthracene	330	U	330	58
86-74-8	Carbazole	330	U	330	53
84-74-2	Di-n-butyl phthalate	330	U	330	51
206-44-0	Fluoranthene	330	U	330	55
129-00-0	Pyrene	330	U	330	57
85-68-7	Butyl benzyl phthalate	330	U	330	39
91-94-1	3,3'-Dichlorobenzidine	670	U	670	73
56-55-3	Benzo[a]anthracene	33	U	33	6.1
218-01-9	Chrysene	330	U	330	48
117-81-7	Bis(2-ethylhexyl) phthalate	330	U	330	44
117-84-0	Di-n-octyl phthalate	330	U	330	39
205-99-2	Benzo[b]fluoranthene	33	U	33	4.9
207-08-9	Benzo[k]fluoranthene	33	U	33	4.6
50-32-8	Benzo[a]pyrene	33	U	33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	33	U	33	5.3
53-70-3	Dibenz(a,h)anthracene	33	U	33	4.0
191-24-2	Benzo[g,h,i]perylene	330	U	330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88256/1-A
Matrix: Solid Lab File ID: p20037.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/04/2011 21:50
Sample wt/vol: 15.00(g) Date Analyzed: 10/08/2011 04:37
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	47		10-120
321-60-8	2-Fluorobiphenyl	84		40-109
367-12-4	2-Fluorophenol (Surr)	82		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	83		38-105
4165-62-2	Phenol-d5 (Surr)	83		41-118
1718-51-0	Terphenyl-d14 (Surr)	102		16-151

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88256/1-A
Matrix: Solid Lab File ID: p20037.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/04/2011 21:50
Sample wt/vol: 15.00(g) Date Analyzed: 10/08/2011 04:37
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 88920 Units: ug/Kg
Number TICs Found: 2 TIC Result Total: 8682

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	Unknown Aldol Condensate	2.14	8380	A J
	Degradation product of 2,4,6-Tribromophenol(sur)	8.61	302	J

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20037.d
 Report Date: 08-Oct-2011 22:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20037.d
 Lab Smp Id: MB 460-88256/1-A
 Inj Date : 08-OCT-2011 04:37
 Operator : BNAMS 4
 Smp Info : MB 460-88256/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
 Meth Date : 08-Oct-2011 03:48 asfawa
 Cal Date : 08-OCT-2011 02:46
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD

Cal File: p20033.d

QC Sample: BLANK

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
\$ 16 2-Fluorophenol (SUR)		112	2.439	2.416	(0.646)	1754695	82.2409	5500
\$ 17 Phenol-d5 (SUR)		99	3.426	3.444	(0.907)	2099182	82.9315	5500
* 79 1,4-Dichlorobenzene-d4		152	3.779	3.790	(1.000)	663649	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)		82	4.408	4.425	(0.850)	1079550	41.7069	2800
* 80 Naphthalene-d8		136	5.183	5.195	(1.000)	2221813	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)		172	6.335	6.340	(0.907)	1781601	42.1856	2800
* 82 Acenaphthene-d10		164	6.987	6.993	(1.000)	1234238	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)		330	7.769	7.774	(1.112)	246242	47.0992	3100
* 83 Phenanthrene-d10		188	8.438	8.444	(1.000)	1461492	40.0000	
\$ 78 Terphenyl-d14		244	10.019	10.024	(0.908)	1021480	51.1416	3400
* 81 Chrysene-d12		240	11.035	11.041	(1.000)	758171	40.0000	
* 84 Perylene-d12		264	12.698	12.704	(1.000)	616255	40.0000	

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20037.d
Report Date: 08-Oct-2011 22:00

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20037.d
Lab Smp Id: MB 460-88256/1-A
Inj Date : 08-OCT-2011 04:37
Operator : BNAMS 4
Smp Info : MB 460-88256/1-A
Misc Info :
Comment :
Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
Meth Date : 08-Oct-2011 03:48 asfawa
Cal Date : 08-OCT-2011 02:46
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1
Inst ID: BNAMS10.i
Quant Type: ISTD
Cal File: p20033.d
QC Sample: BLANK
Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	====	=====	=====
* 79 1,4-Dichlorobenzene-d4	3.779	4402235	40.000
* 83 Phenanthrene-d10	8.438	3827187	40.000

CONCENTRATIONS				QUANT			
RT	AREA	ON-COL(ug/ml)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
Unknown Aldol Condensate					CAS #:		
2.140	13838101	125.737034	8400	0		0	79

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20037.d
Report Date: 08-Oct-2011 22:00

RT	AREA	CONCENTRATIONS		QUAL	QUANT		CPND #
		ON-COL(ug/ml)	FINAL(ug/Kg)		LIBRARY	LIB ENTRY	
====	====	=====	=====	====	=====	=====	=====
Degradation product of 2,4,6-Tribromophenol(sur) CAS #:							
8.615	433787	4.53373828	300	0		0	83

Data File: p20037.d

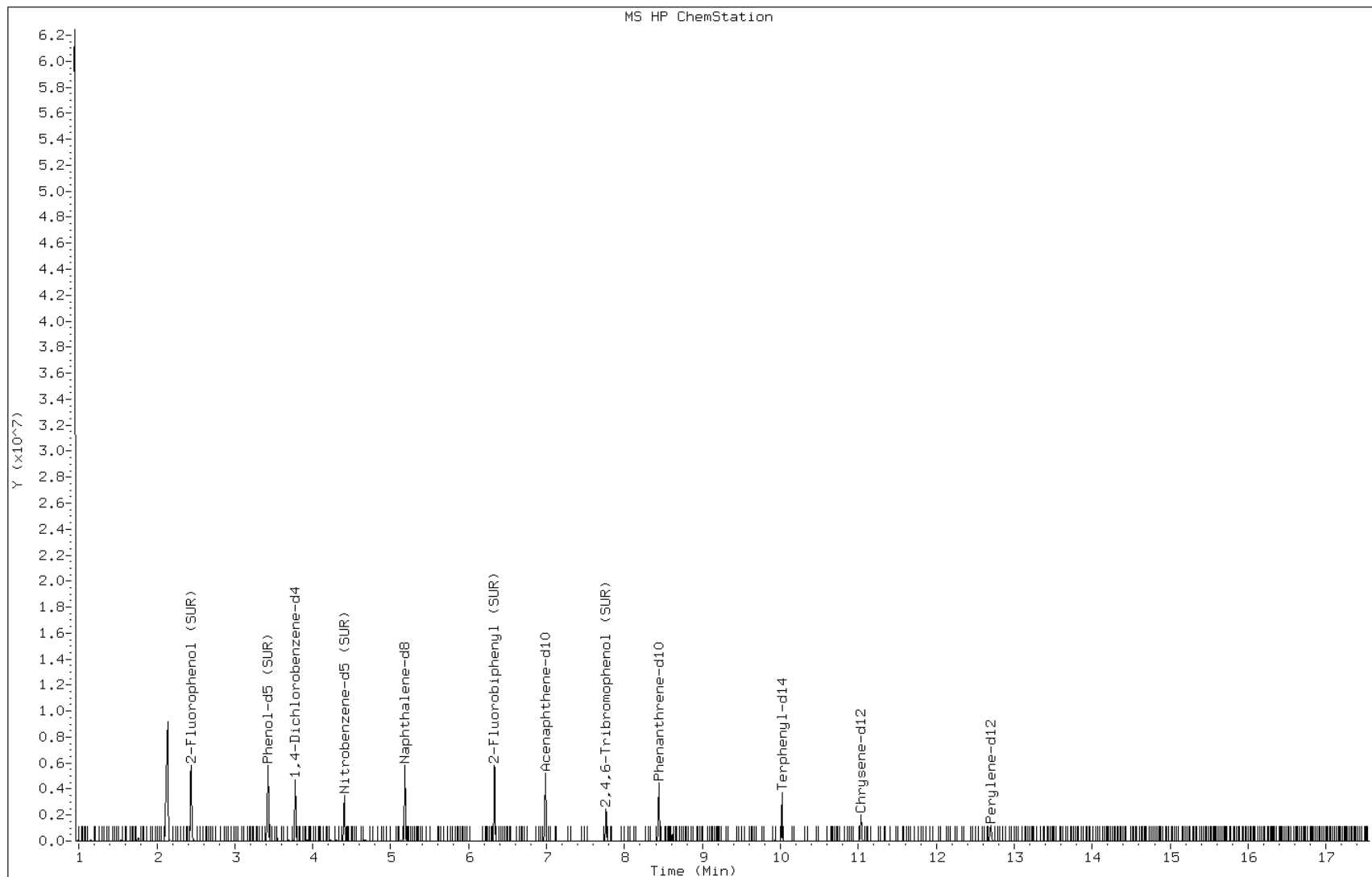
Date: 08-OCT-2011 04:37

Client ID:

Instrument: BNAMS10.i

Sample Info: MB 460-88256/1-A

Operator: BNAMS 4



Data File: p20037.d

Date: 08-OCT-2011 04:37

Client ID:

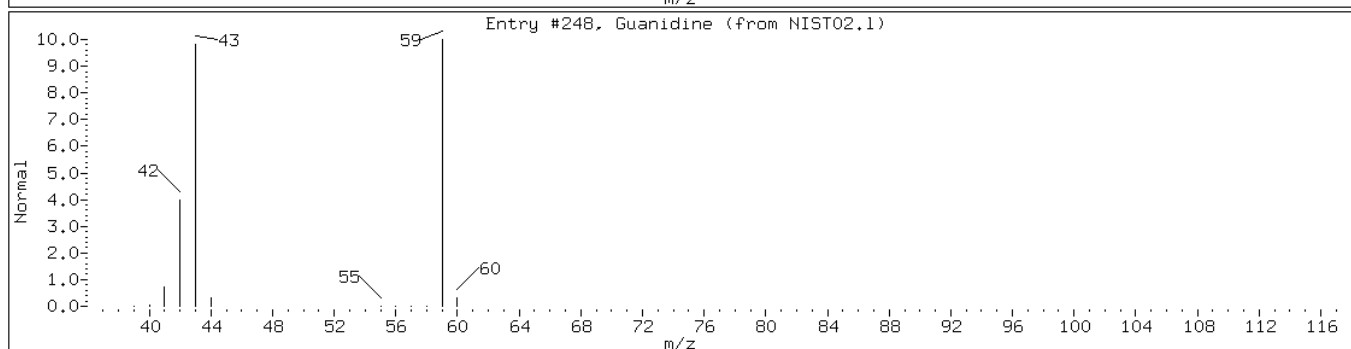
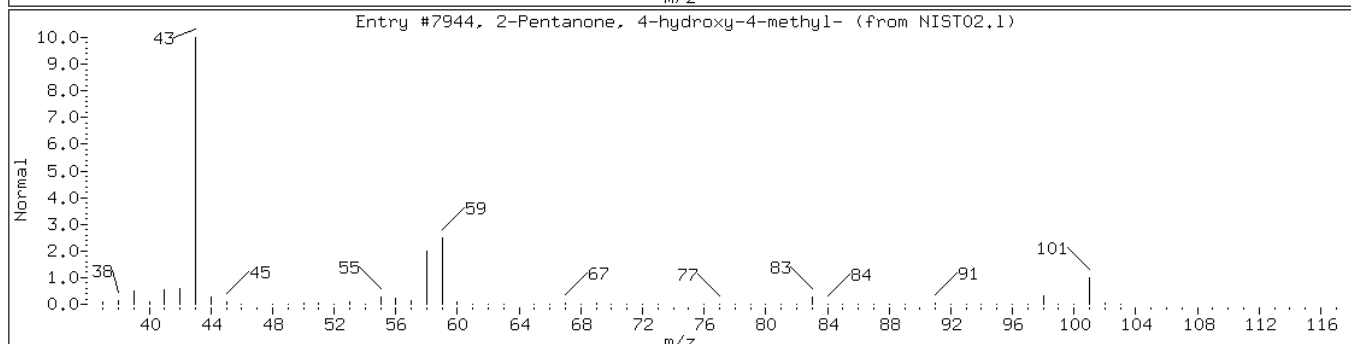
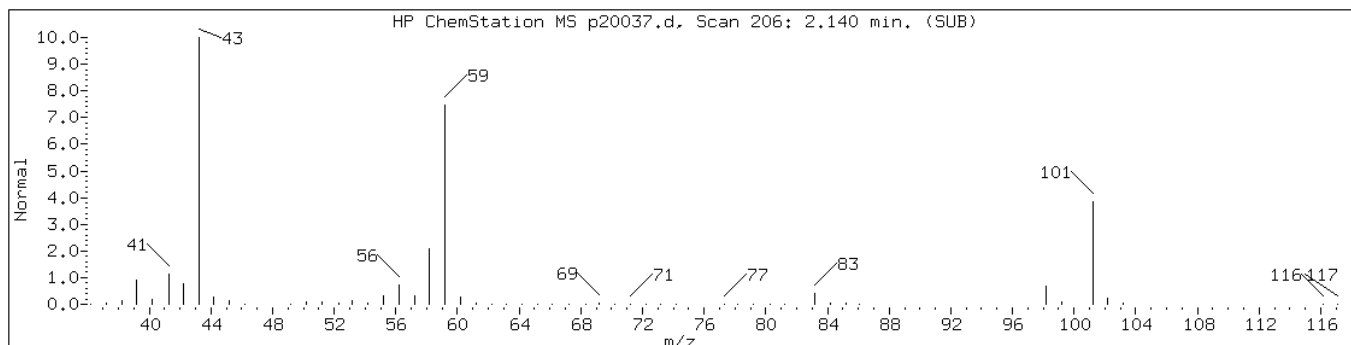
Instrument: BNAMS10.i

Sample Info: MB 460-88256/1-A

Operator: BNAMS 4

Retention Time: 2.14

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown Aldol Condensate						
2-Pentanone, 4-hydroxy-4-methyl-	123-42-2	NIST02.1	7944	50	C6H12O2	116
Guanidine	113-00-8	NIST02.1	248	43	CH5N3	59



Data File: p20037.d

Date: 08-OCT-2011 04:37

Client ID:

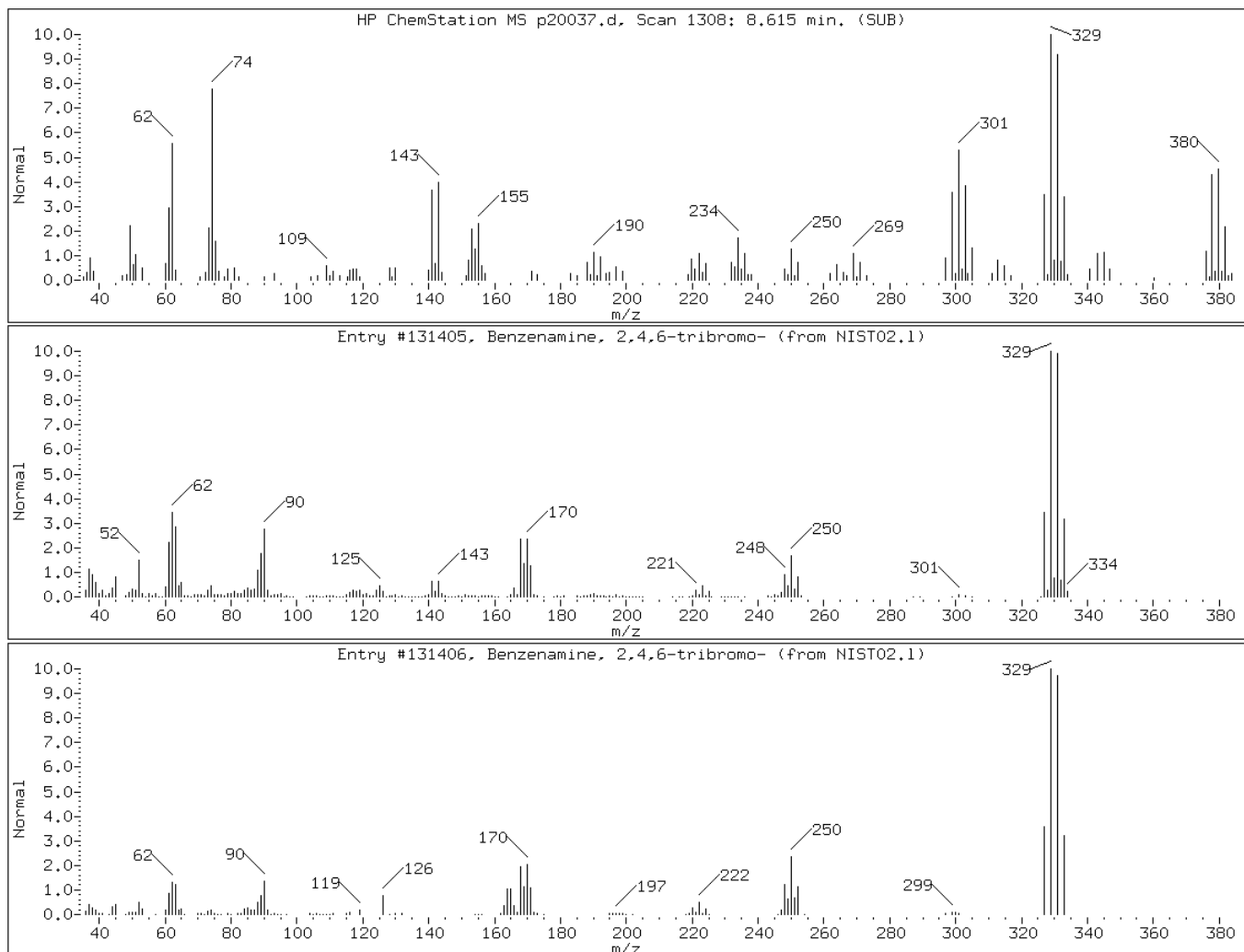
Instrument: BNAMS10.i

Sample Info: MB 460-88256/1-A

Operator: BNAMS 4

Retention Time: 8.61

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Degradation product of 2,4,6-Tribr						
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.1	131405	50	C6H4Br3N	327
Benzenamine, 2,4,6-tribromo-	147-82-0	NIST02.1	131406	27	C6H4Br3N	327



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-87412/2-A

Matrix: Solid Lab File ID: z10318.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 09/27/2011 12:00

Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 16:24

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

Injection Volume: _____ Level: (low/med) Low

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

Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	3740		330	21
108-95-2	Phenol	5640		330	41
111-44-4	Bis(2-chloroethyl)ether	2790		33	6.9
95-57-8	2-Chlorophenol	5600		330	44
95-48-7	2-Methylphenol	5870		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2560		330	43
98-86-2	Acetophenone	2850		330	49
106-44-5	4-Methylphenol	5170		330	54
621-64-7	N-Nitrosodi-n-propylamine	2740		33	4.4
67-72-1	Hexachloroethane	2490		33	5.6
98-95-3	Nitrobenzene	2630		33	7.4
78-59-1	Isophorone	2760		330	38
88-75-5	2-Nitrophenol	5480		330	54
105-67-9	2,4-Dimethylphenol	5570		330	53
111-91-1	Bis(2-chloroethoxy)methane	2770		330	47
120-83-2	2,4-Dichlorophenol	5550		330	53
91-20-3	Naphthalene	2710		330	48
106-47-8	4-Chloroaniline	2000		330	42
87-68-3	Hexachlorobutadiene	2580		67	13
105-60-2	Caprolactam	3060		330	45
59-50-7	4-Chloro-3-methylphenol	5980		330	56
91-57-6	2-Methylnaphthalene	2820		330	48
77-47-4	Hexachlorocyclopentadiene	2380		330	97
88-06-2	2,4,6-Trichlorophenol	5550		330	59
95-95-4	2,4,5-Trichlorophenol	5510		330	64
92-52-4	1,1'-Biphenyl	2760		330	55
91-58-7	2-Chloronaphthalene	2710		330	47
88-74-4	2-Nitroaniline	2760		670	91
131-11-3	Dimethyl phthalate	2880		330	45
606-20-2	2,6-Dinitrotoluene	2930		67	8.4
208-96-8	Acenaphthylene	2660		330	47
99-09-2	3-Nitroaniline	2180		670	75
83-32-9	Acenaphthene	2820		330	47
51-28-5	2,4-Dinitrophenol	1810		1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87412/2-A
 Matrix: Solid Lab File ID: z10318.d
 Analysis Method: 8270C Date Collected: _____
 Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
 Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 16:24
 Con. Extract Vol.: 1(mL) Dilution Factor: 1
 Injection Volume: _____ Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	5870		1000	85
132-64-9	Dibenzofuran	2840		330	50
121-14-2	2,4-Dinitrotoluene	3080		67	9.7
84-66-2	Diethyl phthalate	2960		330	44
86-73-7	Fluorene	2940		330	56
7005-72-3	4-Chlorophenyl phenyl ether	2930		330	57
100-01-6	4-Nitroaniline	2750		670	68
534-52-1	4,6-Dinitro-2-methylphenol	3090		1000	160
86-30-6	N-Nitrosodiphenylamine	2870		330	54
101-55-3	4-Bromophenyl phenyl ether	2790		330	59
118-74-1	Hexachlorobenzene	2870		33	4.6
1912-24-9	Atrazine	2650		330	62
87-86-5	Pentachlorophenol	5650		1000	160
85-01-8	Phenanthrene	2890		330	58
120-12-7	Anthracene	2800		330	58
86-74-8	Carbazole	3010		330	53
84-74-2	Di-n-butyl phthalate	3010		330	51
206-44-0	Fluoranthene	3090		330	55
129-00-0	Pyrene	2820		330	57
85-68-7	Butyl benzyl phthalate	2880		330	39
91-94-1	3,3'-Dichlorobenzidine	2240		670	73
56-55-3	Benzo[a]anthracene	2940		33	6.1
218-01-9	Chrysene	2840		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2950		330	44
117-84-0	Di-n-octyl phthalate	3190		330	39
205-99-2	Benzo[b]fluoranthene	3020		33	4.9
207-08-9	Benzo[k]fluoranthene	2950		33	4.6
50-32-8	Benzo[a]pyrene	2770		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	2330		33	5.3
53-70-3	Dibenz(a,h)anthracene	2270		33	4.0
191-24-2	Benzo[g,h,i]perylene	2180		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-87412/2-A
Matrix: Solid Lab File ID: z10318.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 16:24
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	87		10-120
321-60-8	2-Fluorobiphenyl	79		40-109
367-12-4	2-Fluorophenol (Surr)	78		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	80		38-105
4165-62-2	Phenol-d5 (Surr)	84		41-118
1718-51-0	Terphenyl-d14 (Surr)	88		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10318.d
 Report Date: 29-Sep-2011 00:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10318.d
 Lab Smp Id: LCS 460-87412/2-A
 Inj Date : 28-SEP-2011 16:24
 Operator : BNAMS 4
 Smp Info : LCS 460-87412/2-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 16:17 czhao
 Cal Date : 28-SEP-2011 15:03
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS11.i
 Quant Type: ISTD
 Cal File: z10317.d
 QC Sample: BS
 Compound Sublist: all-soil.sub

Concentration Formula: Amt * DF * Uf*1000*Vt/(Ws*(100-M)/100) * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane		88	1.267	1.167	(0.341)	138194	21.2843	1400
19 N-Nitrosodimethylamine		74	1.455	1.373	(0.392)	311597	39.6962	2600(H)
71 Pyridine		79	1.479	1.391	(0.398)	432907	30.1727	2000
\$ 16 2-Fluorophenol (SUR)		112	2.485	2.450	(0.669)	1016203	78.3560	5200
110 Benzaldehyde		77	3.267	3.261	(0.880)	128668	56.0862	3700
73 Aniline		93	3.385	3.379	(0.911)	603475	33.5975	2200
\$ 17 Phenol-d5 (SUR)		99	3.385	3.373	(0.911)	1222628	83.8584	5600
1 Phenol		94	3.402	3.391	(0.916)	1314403	84.6484	5600
20 bis(2-Chloroethyl)ether		93	3.461	3.455	(0.932)	517905	41.8097	2800
2 2-Chlorophenol		128	3.508	3.502	(0.945)	1102750	84.0310	5600
113 n-decane		43	3.579	3.573	(0.964)	426630	30.6647	2000
21 1,3-Dichlorobenzene		146	3.655	3.655	(0.984)	601473	39.0241	2600
* 79 1,4-Dichlorobenzene-d4		152	3.714	3.714	(1.000)	385302	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10318.d
 Report Date: 29-Sep-2011 00:21

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.732	3.732	(1.005)	614882	39.8207	2600
74 Benzyl Alcohol	108	3.873	3.867	(1.043)	347941	46.5815	3100
23 1,2-Dichlorobenzene	146	3.885	3.885	(1.046)	583061	40.8644	2700
24 bis (2-chloroisopropyl) ether	45	4.014	4.014	(1.081)	546971	38.3667	2600
3 2-Methylphenol	108	4.002	4.008	(1.078)	933708	88.1201	5900
104 Acetophenone	105	4.138	4.138	(1.114)	687909	42.7907	2800
25 N-Nitroso-di-n-propylamine	70	4.155	4.149	(1.119)	324215	41.1546	2700
4 4-Methylphenol	108	4.173	4.167	(1.124)	909365	77.5725	5200
121 3 & 4 Methylphenol	108	4.173	4.167	(1.124)	909365	77.5725	5200
26 Hexachloroethane	117	4.226	4.226	(1.138)	237156	37.4100	2500
\$ 76 Nitrobenzene-d5 (SUR)	82	4.285	4.285	(0.856)	576217	39.7610	2600
27 Nitrobenzene	77	4.308	4.308	(0.860)	780326	39.4340	2600
107 N,N-Dimethylaniline	120	4.314	4.314	(1.162)	762992	41.0643	2700
28 Isophorone	82	4.567	4.549	(0.912)	890732	41.4705	2800
5 2-Nitrophenol	139	4.632	4.626	(0.925)	562010	82.2006	5500
6 2,4-Dimethylphenol	122	4.708	4.702	(0.940)	888413	83.5237	5600
29 bis(2-Chloroethoxy)methane	93	4.791	4.791	(0.957)	557510	41.5152	2800
7 2,4-Dichlorophenol	162	4.885	4.879	(0.975)	761347	83.1847	5500
30 1,2,4-Trichlorobenzene	180	4.955	4.955	(0.989)	441989	39.4620	2600
* 80 Naphthalene-d8	136	5.008	5.008	(1.000)	1400117	40.0000	
31 Naphthalene	128	5.026	5.026	(1.004)	1538723	40.6990	2700
32 4-Chloroaniline	127	5.096	5.096	(1.018)	400154	29.9330	2000
33 Hexachlorobutadiene	225	5.173	5.173	(1.033)	268712	38.7405	2600
111 Caprolactam	113	5.490	5.461	(1.096)	120589	45.8691	3000(H)
8 4-Chloro-3-methylphenol	107	5.626	5.620	(1.123)	826800	89.6428	6000
34 2-Methylnaphthalene	142	5.726	5.726	(1.143)	941309	42.3121	2800
35 Hexachlorocyclopentadiene	237	5.896	5.896	(0.873)	222709	35.7424	2400
9 2,4,6-Trichlorophenol	196	6.026	6.026	(0.892)	510171	83.1791	5500
10 2,4,5-Trichlorophenol	196	6.067	6.061	(0.898)	522465	82.5994	5500
\$ 77 2-Fluorobiphenyl (SUR)	172	6.102	6.102	(0.903)	959808	39.4234	2600
36 2-Chloronaphthalene	162	6.208	6.208	(0.919)	820575	40.6671	2700
102 Diphenyl	154	6.196	6.196	(0.917)	1169376	41.4299	2800
103 Diphenyl Ether	170	6.302	6.302	(0.933)	575730	39.9966	2700
37 2-Nitroaniline	65	6.320	6.320	(0.936)	311722	41.3859	2800
38 Dimethylphthalate	163	6.520	6.520	(0.965)	843689	43.1705	2900
40 2,6-Dinitrotoluene	165	6.567	6.567	(0.972)	192795	43.9570	2900
39 Acenaphthylene	152	6.614	6.614	(0.979)	1269508	39.9166	2700
41 3-Nitroaniline	138	6.732	6.726	(0.997)	152519	32.6676	2200
* 82 Acenaphthene-d10	164	6.755	6.755	(1.000)	663038	40.0000	
42 Acenaphthene	154	6.785	6.785	(1.004)	794549	42.3728	2800
11 2,4-Dinitrophenol	184	6.832	6.832	(1.011)	61050	27.1096	1800
12 4-Nitrophenol	65	6.937	6.926	(1.027)	313082	88.0054	5900
43 Dibenzofuran	168	6.955	6.955	(1.030)	1092846	42.5867	2800
44 2,4-Dinitrotoluene	165	6.961	6.961	(1.030)	252537	46.2161	3100
45 Diethylphthalate	149	7.214	7.214	(1.068)	882827	44.4050	3000
47 Fluorene	166	7.290	7.290	(1.079)	899788	44.1680	2900
46 4-Chlorophenyl-phenylether	204	7.302	7.302	(1.081)	408269	43.9187	2900

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10318.d
 Report Date: 29-Sep-2011 00:21

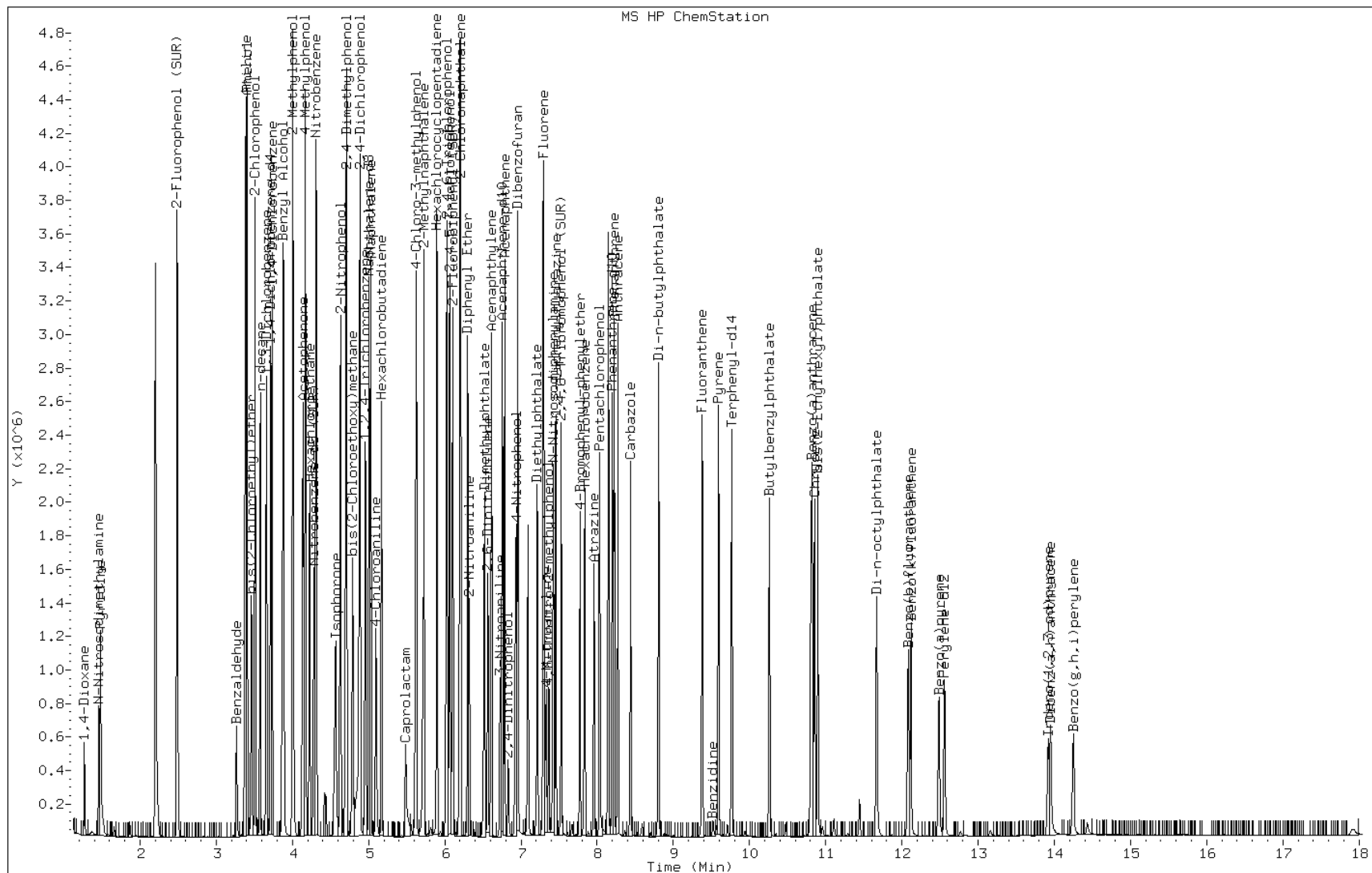
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.332	7.326	(1.085)	158499	41.2617	2800
13 4,6-Dinitro-2-methylphenol	198	7.367	7.361	(0.898)	132388	46.3879	3100
49 N-Nitrosodiphenylamine	169	7.426	7.420	(0.905)	586932	43.1138	2900
75 1,2-Diphenylhydrazine	77	7.455	7.455	(0.909)	1047963	39.2259	2600
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.532	7.532	(1.115)	266754	86.7796	5800
50 4-Bromophenyl-phenylether	248	7.779	7.779	(0.948)	229602	41.8620	2800
51 Hexachlorobenzene	284	7.837	7.837	(0.956)	253472	43.0239	2900
112 Atrazine	200	7.961	7.961	(0.971)	181462	39.7299	2600
14 Pentachlorophenol	266	8.037	8.031	(0.980)	265181	84.7142	5600
* 83 Phenanthrene-d10	188	8.202	8.202	(1.000)	898290	40.0000	
52 Phenanthrene	178	8.226	8.226	(1.003)	1104111	43.4158	2900
53 Anthracene	178	8.273	8.273	(1.009)	1103385	41.9786	2800
54 Carbazole	167	8.437	8.437	(1.029)	927570	45.1266	3000
55 Di-n-butylphthalate	149	8.808	8.808	(1.074)	1283926	45.0974	3000
56 Fluoranthene	202	9.378	9.378	(1.143)	989027	46.3729	3100
58 Benzidine	184	9.526	9.525	(1.161)	30862	13.1257	880
57 Pyrene	202	9.596	9.596	(0.886)	973244	42.3426	2800
\$ 78 Terphenyl-d14	244	9.767	9.767	(0.902)	699020	44.0720	2900
59 Butylbenzylphthalate	149	10.261	10.267	(0.948)	468000	43.1566	2900
61 Benzo(a)anthracene	228	10.814	10.814	(0.999)	771328	44.1375	2900
60 3,3'-Dichlorobenzidine	252	10.802	10.802	(0.998)	182253	33.5565	2200
* 81 Chrysene-d12	240	10.825	10.825	(1.000)	605724	40.0000	
62 Chrysene	228	10.855	10.855	(1.003)	736545	42.5810	2800
63 bis(2-Ethylhexyl)phthalate	149	10.896	10.902	(1.007)	648021	44.2114	2900
64 Di-n-octylphthalate	149	11.667	11.672	(0.929)	873555	47.8689	3200
65 Benzo(b)fluoranthene	252	12.084	12.084	(0.962)	601510	45.2419	3000
66 Benzo(k)fluoranthene	252	12.119	12.119	(0.965)	618732	44.2079	2900
67 Benzo(a)pyrene	252	12.490	12.490	(0.994)	458533	41.5045	2800
* 84 Perylene-d12	264	12.561	12.561	(1.000)	454601	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.919	13.919	(1.108)	376706	34.9444	2300
69 Dibenz(a,h)anthracene	278	13.955	13.955	(1.111)	388517	33.9804	2300
70 Benzo(g,h,i)perylene	276	14.249	14.255	(1.134)	382400	32.7128	2200

QC Flag Legend

H - Operator selected an alternate compound hit.

Instrument: BNAMS11.i

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-88256/2-A

Matrix: Solid Lab File ID: p20036.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/04/2011 21:50

Sample wt/vol: 15.00(g) Date Analyzed: 10/08/2011 04:12

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

Injection Volume: _____ Level: (low/med) Low

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

Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	1520		330	21
108-95-2	Phenol	5060		330	41
111-44-4	Bis(2-chloroethyl)ether	2700		33	6.9
95-57-8	2-Chlorophenol	5160		330	44
95-48-7	2-Methylphenol	5040		330	48
108-60-1	2,2'-oxybis[1-chloropropane]	2860		330	43
98-86-2	Acetophenone	2710		330	49
106-44-5	4-Methylphenol	4370		330	54
621-64-7	N-Nitrosodi-n-propylamine	2990		33	4.4
67-72-1	Hexachloroethane	2670		33	5.6
98-95-3	Nitrobenzene	2740		33	7.4
78-59-1	Isophorone	2770		330	38
88-75-5	2-Nitrophenol	5520		330	54
105-67-9	2,4-Dimethylphenol	5050		330	53
111-91-1	Bis(2-chloroethoxy)methane	2700		330	47
120-83-2	2,4-Dichlorophenol	4920		330	53
91-20-3	Naphthalene	2810		330	48
106-47-8	4-Chloroaniline	1860		330	42
87-68-3	Hexachlorobutadiene	2770		67	13
105-60-2	Caprolactam	2750		330	45
59-50-7	4-Chloro-3-methylphenol	5510		330	56
91-57-6	2-Methylnaphthalene	2780		330	48
77-47-4	Hexachlorocyclopentadiene	2330		330	97
88-06-2	2,4,6-Trichlorophenol	5480		330	59
95-95-4	2,4,5-Trichlorophenol	5580		330	64
92-52-4	1,1'-Biphenyl	2920		330	55
91-58-7	2-Chloronaphthalene	2820		330	47
88-74-4	2-Nitroaniline	2930		670	91
131-11-3	Dimethyl phthalate	3050		330	45
606-20-2	2,6-Dinitrotoluene	2990		67	8.4
208-96-8	Acenaphthylene	2890		330	47
99-09-2	3-Nitroaniline	2370		670	75
83-32-9	Acenaphthene	2980		330	47
51-28-5	2,4-Dinitrophenol	651	J	1000	70

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-88256/2-A

Matrix: Solid Lab File ID: p20036.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3541 Date Extracted: 10/04/2011 21:50

Sample wt/vol: 15.00(g) Date Analyzed: 10/08/2011 04:12

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

Injection Volume: _____ Level: (low/med) Low

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

Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6450		1000	85
132-64-9	Dibenzofuran	3030		330	50
121-14-2	2,4-Dinitrotoluene	3110		67	9.7
84-66-2	Diethyl phthalate	3060		330	44
86-73-7	Fluorene	3090		330	56
7005-72-3	4-Chlorophenyl phenyl ether	3060		330	57
100-01-6	4-Nitroaniline	2990		670	68
534-52-1	4,6-Dinitro-2-methylphenol	1590		1000	160
86-30-6	N-Nitrosodiphenylamine	3130		330	54
101-55-3	4-Bromophenyl phenyl ether	2980		330	59
118-74-1	Hexachlorobenzene	3100		33	4.6
1912-24-9	Atrazine	2660		330	62
87-86-5	Pentachlorophenol	4650		1000	160
85-01-8	Phenanthrene	3180		330	58
120-12-7	Anthracene	3080		330	58
86-74-8	Carbazole	3060		330	53
84-74-2	Di-n-butyl phthalate	3100		330	51
206-44-0	Fluoranthene	3100		330	55
129-00-0	Pyrene	2860		330	57
85-68-7	Butyl benzyl phthalate	2850		330	39
91-94-1	3,3'-Dichlorobenzidine	2700		670	73
56-55-3	Benzo[a]anthracene	3040		33	6.1
218-01-9	Chrysene	3160		330	48
117-81-7	Bis(2-ethylhexyl) phthalate	2980		330	44
117-84-0	Di-n-octyl phthalate	2860		330	39
205-99-2	Benzo[b]fluoranthene	2840		33	4.9
207-08-9	Benzo[k]fluoranthene	3230		33	4.6
50-32-8	Benzo[a]pyrene	2900		33	4.1
193-39-5	Indeno[1,2,3-cd]pyrene	3130		33	5.3
53-70-3	Dibenz(a,h)anthracene	3130		33	4.0
191-24-2	Benzo[g,h,i]perylene	3180		330	35

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-88256/2-A
Matrix: Solid Lab File ID: p20036.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3541 Date Extracted: 10/04/2011 21:50
Sample wt/vol: 15.00(g) Date Analyzed: 10/08/2011 04:12
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	86		10-120
321-60-8	2-Fluorobiphenyl	84		40-109
367-12-4	2-Fluorophenol (Surr)	74		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	82		38-105
4165-62-2	Phenol-d5 (Surr)	72		41-118
1718-51-0	Terphenyl-d14 (Surr)	83		16-151

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20036.d
 Report Date: 08-Oct-2011 21:59

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20036.d
 Lab Smp Id: LCS 460-88256/2-A
 Inj Date : 08-OCT-2011 04:12
 Operator : BNAMS 4
 Smp Info : LCS 460-88256/2-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
 Meth Date : 08-Oct-2011 03:48 asfawa
 Cal Date : 08-OCT-2011 02:46
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD

Cal File: p20033.d

QC Sample: LCS

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	1.141	1.064	(0.302)	223725	31.5281	2100	
19 N-Nitrosodimethylamine	74	1.334	1.276	(0.353)	557694	46.3779	3100(R)	
71 Pyridine	79	1.352	1.287	(0.358)	767972	37.6762	2500	
\$ 16 2-Fluorophenol (SUR)	112	2.439	2.416	(0.645)	1410916	73.5867	4900	
110 Benzaldehyde	77	3.285	3.285	(0.869)	141299	22.7956	1500	
\$ 17 Phenol-d5 (SUR)	99	3.432	3.444	(0.908)	1643553	72.2545	4800	
1 Phenol	94	3.450	3.461	(0.913)	1754435	75.8813	5000	
73 Aniline	93	3.414	3.420	(0.904)	693429	25.5752	1700	
20 bis(2-Chloroethyl)ether	93	3.514	3.520	(0.930)	750041	40.4963	2700	
2 2-Chlorophenol	128	3.550	3.561	(0.939)	1420704	77.3474	5200	
113 n-decane	43	3.644	3.655	(0.964)	591332	37.1153	2500	
21 1,3-Dichlorobenzene	146	3.714	3.720	(0.983)	954321	40.9439	2700	
* 79 1,4-Dichlorobenzene-d4	152	3.779	3.790	(1.000)	596385	40.0000		

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20036.d
 Report Date: 08-Oct-2011 21:59

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.796	3.808	(1.005)	976149	41.4137	2800
74 Benzyl Alcohol	108	3.967	3.978	(1.050)	468345	40.5061	2700
23 1,2-Dichlorobenzene	146	3.967	3.978	(1.050)	929244	41.3272	2800
3 2-Methylphenol	108	4.125	4.143	(1.092)	1234208	75.6047	5000
24 bis (2-chloroisopropyl) ether	45	4.125	4.137	(1.092)	650771	42.8340	2800
104 Acetophenone	105	4.255	4.272	(1.126)	975154	40.6253	2700
4 4-Methylphenol	108	4.308	4.319	(1.140)	1145031	65.5213	4400
121 3 & 4 Methylphenol	108	4.308	4.319	(1.140)	1145031	65.5213	4400
25 N-Nitroso-di-n-propylamine	70	4.278	4.296	(1.132)	564366	44.8046	3000
26 Hexachloroethane	117	4.343	4.355	(1.149)	363037	40.0584	2700
\$ 76 Nitrobenzene-d5 (SUR)	82	4.413	4.425	(0.851)	848861	40.8458	2700
107 N,N-Dimethylaniline	120	4.449	4.460	(1.177)	1050237	39.7624	2600
27 Nitrobenzene	77	4.437	4.449	(0.855)	1179307	41.1124	2700
28 Isophorone	82	4.713	4.725	(0.908)	1284262	41.6207	2800
5 2-Nitrophenol	139	4.789	4.795	(0.923)	783076	82.8603	5500
6 2,4-Dimethylphenol	122	4.889	4.895	(0.942)	1123844	75.7244	5000
29 bis(2-Chloroethoxy)methane	93	4.977	4.983	(0.959)	725730	40.4895	2700
7 2,4-Dichlorophenol	162	5.065	5.071	(0.976)	1052301	73.7459	4900
30 1,2,4-Trichlorobenzene	180	5.136	5.142	(0.990)	712986	41.2969	2800
* 80 Naphthalene-d8	136	5.189	5.195	(1.000)	1783865	40.0000	
31 Naphthalene	128	5.206	5.212	(1.003)	1927737	42.1355	2800
32 4-Chloroaniline	127	5.289	5.300	(1.019)	451325	27.9214	1900
33 Hexachlorobutadiene	225	5.371	5.371	(1.035)	460211	41.5638	2800
111 Caprolactam	113	5.694	5.706	(1.097)	132175	41.2134	2700
8 4-Chloro-3-methylphenol	107	5.853	5.853	(1.128)	1045183	82.6770	5500
34 2-Methylnaphthalene	142	5.941	5.947	(1.145)	1252501	41.7578	2800
35 Hexachlorocyclopentadiene	237	6.117	6.123	(0.876)	363570	35.0244	2300
9 2,4,6-Trichlorophenol	196	6.252	6.258	(0.895)	747447	82.1897	5500
10 2,4,5-Trichlorophenol	196	6.293	6.299	(0.901)	764354	83.7379	5600
\$ 77 2-Fluorobiphenyl (SUR)	172	6.335	6.340	(0.907)	1285778	42.0375	2800
102 Diphenyl	154	6.429	6.434	(0.920)	1488865	43.7891	2900
36 2-Chloronaphthalene	162	6.429	6.434	(0.920)	1155341	42.2602	2800
103 Diphenyl Ether	170	6.540	6.540	(0.936)	823397	43.0321	2900
37 2-Nitroaniline	65	6.552	6.558	(0.938)	422749	43.9240	2900
38 Dimethylphthalate	163	6.763	6.769	(0.968)	1098106	45.7699	3000
40 2,6-Dinitrotoluene	165	6.811	6.816	(0.975)	256038	44.8194	3000
39 Acenaphthylene	152	6.840	6.846	(0.979)	1568951	43.3740	2900
41 3-Nitroaniline	138	6.969	6.975	(0.997)	198025	35.5319	2400
* 82 Acenaphthene-d10	164	6.987	6.993	(1.000)	893884	40.0000	
42 Acenaphthene	154	7.016	7.022	(1.004)	1045219	44.6929	3000
11 2,4-Dinitrophenol	184	7.075	7.087	(1.013)	30668	9.76937	650(aR)
12 4-Nitrophenol	65	7.187	7.187	(1.029)	431125	96.7929	6400
44 2,4-Dinitrotoluene	165	7.204	7.216	(1.031)	312311	46.5990	3100
43 Dibenzofuran	168	7.192	7.198	(1.029)	1483607	45.4767	3000
45 Diethylphthalate	149	7.469	7.474	(1.069)	1005909	45.9024	3100
46 4-Chlorophenyl-phenylether	204	7.551	7.551	(1.081)	612503	45.9429	3100
47 Fluorene	166	7.527	7.533	(1.077)	1201795	46.4075	3100

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20036.d
 Report Date: 08-Oct-2011 21:59

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.568	7.580	(1.083)	186600	44.8620	3000
13 4,6-Dinitro-2-methylphenol	198	7.610	7.615	(0.902)	95196	23.8336	1600
49 N-Nitrosodiphenylamine	169	7.668	7.674	(0.909)	778394	46.9095	3100
75 1,2-Diphenylhydrazine	77	7.704	7.704	(0.913)	1381995	44.6704	3000
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.768	7.774	(1.112)	324332	85.6563	5700
50 4-Bromophenyl-phenylether	248	8.021	8.027	(0.951)	327007	44.6348	3000
51 Hexachlorobenzene	284	8.074	8.080	(0.957)	334818	46.4671	3100
112 Atrazine	200	8.221	8.221	(0.974)	224074	39.8356	2600
14 Pentachlorophenol	266	8.279	8.279	(0.981)	290156	69.7654	4600
* 83 Phenanthrene-d10	188	8.438	8.444	(1.000)	1079016	40.0000	
52 Phenanthrene	178	8.462	8.467	(1.003)	1369881	47.6415	3200
53 Anthracene	178	8.514	8.514	(1.009)	1364971	46.1356	3100
54 Carbazole	167	8.685	8.691	(1.029)	1082887	45.9457	3100
55 Di-n-butylphthalate	149	9.073	9.073	(1.075)	1330144	46.4874	3100
56 Fluoranthene	202	9.619	9.625	(1.140)	1239772	46.5415	3100
58 Benzidine	184	9.789	9.778	(1.160)	10256	4.06889	270(aR)
57 Pyrene	202	9.836	9.836	(0.891)	1230062	42.9679	2900
\$ 78 Terphenyl-d14	244	10.019	10.024	(0.907)	829063	41.6570	2800
59 Butylbenzylphthalate	149	10.518	10.524	(0.953)	502038	42.7372	2800
60 3,3'-Dichlorobenzidine	252	11.023	11.029	(0.998)	295004	40.4291	2700
61 Benzo(a)anthracene	228	11.029	11.029	(0.999)	992978	45.5741	3000
* 81 Chrysene-d12	240	11.041	11.041	(1.000)	755460	40.0000	
62 Chrysene	228	11.064	11.070	(1.002)	927418	47.4555	3200
63 bis(2-Ethylhexyl)phthalate	149	11.135	11.135	(1.008)	692496	44.7011	3000
64 Di-n-octylphthalate	149	11.875	11.875	(0.935)	1071507	42.9236	2900
65 Benzo(b)fluoranthene	252	12.245	12.245	(0.964)	847154	42.5565	2800
66 Benzo(k)fluoranthene	252	12.275	12.281	(0.966)	941829	48.4361	3200
67 Benzo(a)pyrene	252	12.633	12.633	(0.994)	722252	43.4251	2900
* 84 Perylene-d12	264	12.704	12.704	(1.000)	625824	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.026	14.026	(1.104)	725776	46.8823	3100
69 Dibenz(a,h)anthracene	278	14.061	14.061	(1.107)	717426	46.8893	3100
70 Benzo(g,h,i)perylene	276	14.343	14.343	(1.129)	748280	47.7070	3200

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31553-D-4-D MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10322.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/22/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/27/2011 12:00</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>09/28/2011 19:03</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>16.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87782</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	4270		390	25
108-95-2	Phenol	6650		390	48
111-44-4	Bis(2-chloroethyl)ether	3080		39	8.2
95-57-8	2-Chlorophenol	6390		390	53
95-48-7	2-Methylphenol	7130		390	57
108-60-1	2,2'-oxybis[1-chloropropane]	2830		390	52
98-86-2	Acetophenone	3380		390	59
106-44-5	4-Methylphenol	6350		390	65
621-64-7	N-Nitrosodi-n-propylamine	3490		39	5.2
67-72-1	Hexachloroethane	2770		39	6.7
98-95-3	Nitrobenzene	3020		39	8.8
78-59-1	Isophorone	3530		390	45
88-75-5	2-Nitrophenol	6510		390	65
105-67-9	2,4-Dimethylphenol	7060		390	63
111-91-1	Bis(2-chloroethoxy)methane	3370		390	56
120-83-2	2,4-Dichlorophenol	6880		390	63
91-20-3	Naphthalene	3190		390	58
106-47-8	4-Chloroaniline	2520		390	50
87-68-3	Hexachlorobutadiene	3050		80	16
105-60-2	Caprolactam	4270		390	54
59-50-7	4-Chloro-3-methylphenol	7830		390	66
91-57-6	2-Methylnaphthalene	3500		390	58
77-47-4	Hexachlorocyclopentadiene	2190		390	120
88-06-2	2,4,6-Trichlorophenol	6820		390	71
95-95-4	2,4,5-Trichlorophenol	6870		390	76
92-52-4	1,1'-Biphenyl	3550		390	65
91-58-7	2-Chloronaphthalene	3480		390	56
88-74-4	2-Nitroaniline	3020		800	110
131-11-3	Dimethyl phthalate	4030		390	53
606-20-2	2,6-Dinitrotoluene	4080		80	10
208-96-8	Acenaphthylene	3430		390	56
99-09-2	3-Nitroaniline	3240		800	89
83-32-9	Acenaphthene	3680		390	56
51-28-5	2,4-Dinitrophenol	2380		1200	84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31553-D-4-D MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10322.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/22/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/27/2011 12:00</u>
Sample wt/vol: <u>15.01(g)</u>	Date Analyzed: <u>09/28/2011 19:03</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>16.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87782</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	7580		1200	100
132-64-9	Dibenzofuran	3760		390	59
121-14-2	2,4-Dinitrotoluene	4320		80	12
84-66-2	Diethyl phthalate	4150		390	53
86-73-7	Fluorene	3950		390	67
7005-72-3	4-Chlorophenyl phenyl ether	3930		390	68
100-01-6	4-Nitroaniline	3620		800	82
534-52-1	4,6-Dinitro-2-methylphenol	4480		1200	190
86-30-6	N-Nitrosodiphenylamine	3820		390	64
101-55-3	4-Bromophenyl phenyl ether	3760		390	70
118-74-1	Hexachlorobenzene	3780		39	5.5
1912-24-9	Atrazine	3630		390	74
87-86-5	Pentachlorophenol	3120		1200	190
85-01-8	Phenanthrene	3870		390	69
120-12-7	Anthracene	3710		390	70
86-74-8	Carbazole	3960		390	63
84-74-2	Di-n-butyl phthalate	4050		390	60
206-44-0	Fluoranthene	3950		390	66
129-00-0	Pyrene	3810		390	68
85-68-7	Butyl benzyl phthalate	3990		390	46
91-94-1	3,3'-Dichlorobenzidine	3140		800	87
56-55-3	Benzo[a]anthracene	3850		39	7.3
218-01-9	Chrysene	3720		390	57
117-81-7	Bis(2-ethylhexyl) phthalate	3870		390	52
117-84-0	Di-n-octyl phthalate	4200		390	47
205-99-2	Benzo[b]fluoranthene	3930		39	5.9
207-08-9	Benzo[k]fluoranthene	3800		39	5.5
50-32-8	Benzo[a]pyrene	3600		39	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	3320		39	6.3
53-70-3	Dibenz(a,h)anthracene	3330		39	4.7
191-24-2	Benzo[g,h,i]perylene	3230		390	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-31553-D-4-D MS
Matrix: Solid Lab File ID: z10322.d
Analysis Method: 8270C Date Collected: 09/22/2011 10:55
Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
Sample wt/vol: 15.01(g) Date Analyzed: 09/28/2011 19:03
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 16.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	84		10-120
321-60-8	2-Fluorobiphenyl	85		40-109
367-12-4	2-Fluorophenol (Surr)	72		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	76		38-105
4165-62-2	Phenol-d5 (Surr)	82		41-118
1718-51-0	Terphenyl-d14 (Surr)	99		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10322.d
 Report Date: 29-Sep-2011 00:26

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10322.d
 Lab Smp Id: 460-31553-D-4-D MS Client Smp ID: SO-17338-092211-MM-
 Inj Date : 28-SEP-2011 19:03
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31553-D-4-D MS
 Misc Info : 460-31553-D-4-D MS
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 16:17 czhao Quant Type: ISTD
 Cal Date : 28-SEP-2011 15:03 Cal File: z10317.d
 Als bottle: 7 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.01000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.279	1.167	(0.344)	88209	18.1923	1200
19 N-Nitrosodimethylamine	74	1.467	1.373	(0.395)	211950	36.1571	2400(H)
71 Pyridine	79	1.491	1.391	(0.401)	238691	22.2771	1500
\$ 16 2-Fluorophenol (SUR)	112	2.497	2.450	(0.672)	698503	72.1214	4800
110 Benzaldehyde	77	3.273	3.261	(0.881)	92015	53.7092	3600
73 Aniline	93	3.391	3.379	(0.913)	384522	28.6664	1900
\$ 17 Phenol-d5 (SUR)	99	3.391	3.373	(0.913)	888792	81.6312	5400
1 Phenol	94	3.408	3.391	(0.918)	969884	83.6400	5600
20 bis(2-Chloroethyl)ether	93	3.467	3.455	(0.933)	358416	38.7452	2600
2 2-Chlorophenol	128	3.514	3.502	(0.946)	786635	80.2675	5300
113 n-decane	43	3.579	3.573	(0.964)	286166	27.5429	1800
21 1,3-Dichlorobenzene	146	3.655	3.655	(0.984)	418873	36.3918	2400
* 79 1,4-Dichlorobenzene-d4	152	3.714	3.714	(1.000)	287738	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10322.d
Report Date: 29-Sep-2011 00:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.732	3.732	(1.005)	424151	36.7825	2400
74 Benzyl Alcohol	108	3.873	3.867	(1.043)	258417	46.3269	3100
23 1,2-Dichlorobenzene	146	3.885	3.885	(1.046)	403871	37.9034	2500
24 bis (2-chloroisopropyl) ether	45	4.008	4.014	(1.079)	378096	35.5138	2400
3 2-Methylphenol	108	4.008	4.008	(1.079)	709226	89.6298	6000
104 Acetophenone	105	4.138	4.138	(1.114)	510728	42.5414	2800
25 N-Nitroso-di-n-propylamine	70	4.155	4.149	(1.119)	257760	43.8132	2900
4 4-Methylphenol	108	4.173	4.167	(1.124)	698546	79.7937	5300
121 3 & 4 Methylphenol	108	4.173	4.167	(1.124)	698546	79.7937	5300
26 Hexachloroethane	117	4.220	4.226	(1.136)	164560	34.7602	2300
\$ 76 Nitrobenzene-d5 (SUR)	82	4.285	4.285	(0.856)	408871	38.1891	2500
27 Nitrobenzene	77	4.308	4.308	(0.860)	555781	38.0173	2500
107 N,N-Dimethylaniline	120	4.314	4.314	(1.162)	517570	37.3007	2500
28 Isophorone	82	4.567	4.549	(0.912)	703685	44.3458	3000
5 2-Nitrophenol	139	4.632	4.626	(0.925)	413229	81.8096	5400
6 2,4-Dimethylphenol	122	4.708	4.702	(0.940)	696891	88.6833	5900
29 bis(2-Chloroethoxy)methane	93	4.791	4.791	(0.957)	420315	42.3654	2800
7 2,4-Dichlorophenol	162	4.885	4.879	(0.975)	585064	86.5259	5800
30 1,2,4-Trichlorobenzene	180	4.955	4.955	(0.989)	322507	38.9752	2600
* 80 Naphthalene-d8	136	5.008	5.008	(1.000)	1034385	40.0000	
31 Naphthalene	128	5.026	5.026	(1.004)	1119630	40.0848	2700
32 4-Chloroaniline	127	5.096	5.096	(1.018)	312985	31.6905	2100
33 Hexachlorobutadiene	225	5.173	5.173	(1.033)	196244	38.2963	2600
111 Caprolactam	113	5.496	5.461	(1.097)	104331	53.7165	3600(H)
8 4-Chloro-3-methylphenol	107	5.626	5.620	(1.123)	670425	98.3892	6600
34 2-Methylnaphthalene	142	5.726	5.726	(1.143)	723886	44.0437	2900
35 Hexachlorocyclopentadiene	237	5.896	5.896	(0.873)	126689	27.4689	1800
9 2,4,6-Trichlorophenol	196	6.026	6.026	(0.892)	389095	85.7058	5700
10 2,4,5-Trichlorophenol	196	6.067	6.061	(0.898)	404148	86.3209	5800
\$ 77 2-Fluorobiphenyl (SUR)	172	6.102	6.102	(0.903)	763873	42.3883	2800
36 2-Chloronaphthalene	162	6.208	6.208	(0.919)	652548	43.6912	2900
102 Diphenyl	154	6.196	6.196	(0.917)	931816	44.6011	3000
103 Diphenyl Ether	170	6.302	6.302	(0.933)	461741	43.3370	2900
37 2-Nitroaniline	65	6.326	6.320	(0.936)	211467	37.9301	2500
38 Dimethylphthalate	163	6.520	6.520	(0.965)	732038	50.6051	3400
40 2,6-Dinitrotoluene	165	6.573	6.567	(0.973)	166312	51.2285	3400
39 Acenaphthylene	152	6.614	6.614	(0.979)	1015639	43.1433	2900
41 3-Nitroaniline	138	6.732	6.726	(0.997)	140741	40.7259	2700
* 82 Acenaphthene-d10	164	6.755	6.755	(1.000)	490775	40.0000	
42 Acenaphthene	154	6.785	6.785	(1.004)	642078	46.2605	3100
11 2,4-Dinitrophenol	184	6.838	6.832	(1.012)	49797	29.8742	2000
12 4-Nitrophenol	65	6.938	6.926	(1.027)	250944	95.2980	6300
43 Dibenzofuran	168	6.955	6.955	(1.030)	898786	47.3181	3200
44 2,4-Dinitrotoluene	165	6.967	6.961	(1.031)	219382	54.2406	3600
45 Diethylphthalate	149	7.220	7.214	(1.069)	766862	52.1110	3500
47 Fluorene	166	7.296	7.290	(1.080)	748490	49.6375	3300
46 4-Chlorophenyl-phenylether	204	7.302	7.302	(1.081)	340295	49.4555	3300

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10322.d
 Report Date: 29-Sep-2011 00:26

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.332	7.326	(1.085)	129215	45.4454	3000
13 4,6-Dinitro-2-methylphenol	198	7.367	7.361	(0.898)	119736	56.3095	3800
49 N-Nitrosodiphenylamine	169	7.426	7.420	(0.905)	486894	48.0025	3200
75 1,2-Diphenylhydrazine	77	7.461	7.455	(0.910)	866988	43.5552	2900
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.532	7.532	(1.115)	190362	83.6648	5600
50 4-Bromophenyl-phenylether	248	7.779	7.779	(0.948)	193183	47.2731	3100
51 Hexachlorobenzene	284	7.837	7.837	(0.956)	208558	47.5124	3200
112 Atrazine	200	7.961	7.961	(0.971)	155246	45.6197	3000
14 Pentachlorophenol	266	8.032	8.031	(0.979)	91410	39.1930	2600
* 83 Phenanthrene-d10	188	8.202	8.202	(1.000)	669293	40.0000	
52 Phenanthrene	178	8.226	8.226	(1.003)	920589	48.5849	3200
53 Anthracene	178	8.273	8.273	(1.009)	912083	46.5731	3100
54 Carbazole	167	8.443	8.437	(1.029)	763154	49.8308	3300
55 Di-n-butylphthalate	149	8.808	8.808	(1.074)	1079205	50.8763	3400
56 Fluoranthene	202	9.379	9.378	(1.143)	788994	49.6513	3300
58 Benzidine	184	9.526	9.525	(1.161)	6083	3.47229	230(aR)
57 Pyrene	202	9.596	9.596	(0.886)	766988	47.8733	3200
\$ 78 Terphenyl-d14	244	9.767	9.767	(0.902)	549156	49.6726	3300
59 Butylbenzylphthalate	149	10.261	10.267	(0.948)	378754	50.1080	3300
61 Benzo(a)anthracene	228	10.814	10.814	(0.999)	589720	48.4131	3200
60 3,3'-Dichlorobenzidine	252	10.802	10.802	(0.998)	149549	39.5034	2600
* 81 Chrysene-d12	240	10.826	10.825	(1.000)	422208	40.0000	
62 Chrysene	228	10.855	10.855	(1.003)	563279	46.7184	3100
63 bis(2-Ethylhexyl)phthalate	149	10.896	10.902	(1.007)	497348	48.6804	3200
64 Di-n-octylphthalate	149	11.667	11.672	(0.929)	694870	52.7708	3500
65 Benzo(b)fluoranthene	252	12.084	12.084	(0.962)	473654	49.3727	3300(R)
66 Benzo(k)fluoranthene	252	12.120	12.119	(0.965)	481714	47.6996	3200
67 Benzo(a)pyrene	252	12.490	12.490	(0.994)	361116	45.3001	3000(R)
* 84 Perylene-d12	264	12.561	12.561	(1.000)	328022	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.925	13.919	(1.109)	324694	41.7424	2800
69 Dibenz(a,h)anthracene	278	13.955	13.955	(1.111)	345316	41.8564	2800
70 Benzo(g,h,i)perylene	276	14.255	14.255	(1.135)	342864	40.6489	2700

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- H - Operator selected an alternate compound hit.

Data File: z10322.d

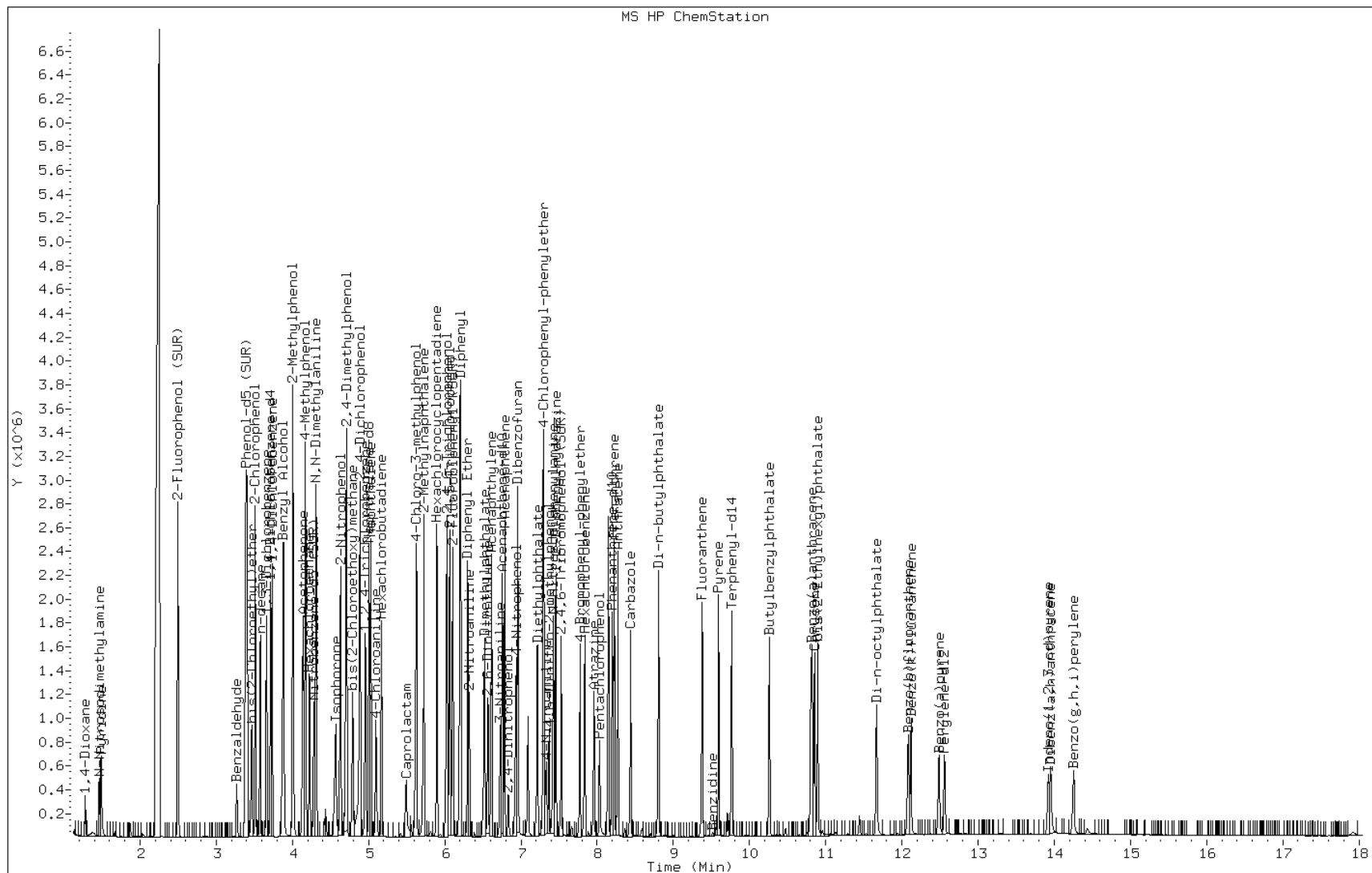
Date: 28-SEP-2011 19:03

Client ID: SO-17338-092211-MM-

Instrument: BNAMS11.i

Sample Info: 460-31553-D-4-D MS

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-K MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20039.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/26/2011 15:25</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/04/2011 21:50</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/08/2011 05:31</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88920</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	1950		370	23
108-95-2	Phenol	5390		370	46
111-44-4	Bis(2-chloroethyl)ether	2860		37	7.8
95-57-8	2-Chlorophenol	5380		370	50
95-48-7	2-Methylphenol	5340		370	54
108-60-1	2,2'-oxybis[1-chloropropane]	3010		370	49
98-86-2	Acetophenone	2860		370	55
106-44-5	4-Methylphenol	4510		370	61
621-64-7	N-Nitrosodi-n-propylamine	3150		37	4.9
67-72-1	Hexachloroethane	2900		37	6.3
98-95-3	Nitrobenzene	3020		37	8.3
78-59-1	Isophorone	3000		370	43
88-75-5	2-Nitrophenol	5670		370	61
105-67-9	2,4-Dimethylphenol	5210		370	60
111-91-1	Bis(2-chloroethoxy)methane	2950		370	53
120-83-2	2,4-Dichlorophenol	5170		370	60
91-20-3	Naphthalene	3110		370	55
106-47-8	4-Chloroaniline	1700		370	47
87-68-3	Hexachlorobutadiene	3030		75	15
105-60-2	Caprolactam	2850		370	51
59-50-7	4-Chloro-3-methylphenol	5490		370	63
91-57-6	2-Methylnaphthalene	2950		370	54
77-47-4	Hexachlorocyclopentadiene	1980		370	110
88-06-2	2,4,6-Trichlorophenol	5770		370	67
95-95-4	2,4,5-Trichlorophenol	5660		370	72
92-52-4	1,1'-Biphenyl	3280		370	61
91-58-7	2-Chloronaphthalene	3190		370	53
88-74-4	2-Nitroaniline	3110		750	100
131-11-3	Dimethyl phthalate	3210		370	50
606-20-2	2,6-Dinitrotoluene	3090		75	9.5
208-96-8	Acenaphthylene	3180		370	53
99-09-2	3-Nitroaniline	2370		750	84
83-32-9	Acenaphthene	3190		370	53
51-28-5	2,4-Dinitrophenol	956	J	1100	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-K MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20039.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/26/2011 15:25</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/04/2011 21:50</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>10/08/2011 05:31</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88920</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6390		1100	96
132-64-9	Dibenzofuran	3250		370	56
121-14-2	2,4-Dinitrotoluene	3280		75	11
84-66-2	Diethyl phthalate	3180		370	50
86-73-7	Fluorene	3210		370	63
7005-72-3	4-Chlorophenyl phenyl ether	3150		370	64
100-01-6	4-Nitroaniline	2950		750	77
534-52-1	4,6-Dinitro-2-methylphenol	2690		1100	180
86-30-6	N-Nitrosodiphenylamine	3440		370	61
101-55-3	4-Bromophenyl phenyl ether	3180		370	66
118-74-1	Hexachlorobenzene	3260		37	5.2
1912-24-9	Atrazine	2960		370	69
87-86-5	Pentachlorophenol	4980		1100	180
85-01-8	Phenanthrene	3460		370	65
120-12-7	Anthracene	3330		370	66
86-74-8	Carbazole	3350		370	59
84-74-2	Di-n-butyl phthalate	3380		370	57
206-44-0	Fluoranthene	3320		370	62
129-00-0	Pyrene	2980		370	64
85-68-7	Butyl benzyl phthalate	3150		370	43
91-94-1	3,3'-Dichlorobenzidine	2940		750	82
56-55-3	Benzo[a]anthracene	3260		37	6.9
218-01-9	Chrysene	3460		370	54
117-81-7	Bis(2-ethylhexyl) phthalate	3280		370	49
117-84-0	Di-n-octyl phthalate	2950		370	44
205-99-2	Benzo[b]fluoranthene	3000		37	5.5
207-08-9	Benzo[k]fluoranthene	3390		37	5.2
50-32-8	Benzo[a]pyrene	3100		37	4.6
193-39-5	Indeno[1,2,3-cd]pyrene	3470		37	6.0
53-70-3	Dibenz(a,h)anthracene	3440		37	4.5
191-24-2	Benzo[g,h,i]perylene	3560		370	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-K MS
Matrix: Solid Lab File ID: p20039.d
Analysis Method: 8270C Date Collected: 09/26/2011 15:25
Extract. Method: 3541 Date Extracted: 10/04/2011 21:50
Sample wt/vol: 15.04(g) Date Analyzed: 10/08/2011 05:31
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 11.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	75		10-120
321-60-8	2-Fluorobiphenyl	84		40-109
367-12-4	2-Fluorophenol (Surr)	68		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	78		38-105
4165-62-2	Phenol-d5 (Surr)	66		41-118
1718-51-0	Terphenyl-d14 (Surr)	77		16-151

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20039.d
 Report Date: 08-Oct-2011 22:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20039.d
 Lab Smp Id: 460-31736-C-18-K MS Client Smp ID: SO-17338-092611-MM-
 Inj Date : 08-OCT-2011 05:31
 Operator : BNAMS 4 Inst ID: BNAMS10.i
 Smp Info : 460-31736-C-18-K MS
 Misc Info : 460-31736-C-18-K MS
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
 Meth Date : 08-Oct-2011 03:48 asfawa Quant Type: ISTD
 Cal Date : 08-OCT-2011 02:46 Cal File: p20033.d
 Als bottle: 8 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.04000	Weight of sample extracted (g)
M	11.44465	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.135	1.064	(0.300)	201030	30.6982	2300
19 N-Nitrosodimethylamine	74	1.340	1.276	(0.354)	508235	45.7982	3400(R)
71 Pyridine	79	1.358	1.287	(0.359)	647185	34.4048	2600
\$ 16 2-Fluorophenol (SUR)	112	2.457	2.416	(0.649)	1202993	67.9876	5100
110 Benzaldehyde	77	3.291	3.285	(0.870)	148470	25.9549	1900
\$ 17 Phenol-d5 (SUR)	99	3.438	3.444	(0.908)	1395656	66.4857	5000
1 Phenol	94	3.456	3.461	(0.913)	1530747	71.7414	5400
73 Aniline	93	3.420	3.420	(0.904)	590597	23.6035	1800
20 bis(2-Chloroethyl)ether	93	3.514	3.520	(0.929)	651827	38.1356	2900
2 2-Chlorophenol	128	3.555	3.561	(0.939)	1213863	71.6112	5400
113 n-decane	43	3.644	3.655	(0.963)	527671	35.8883	2700
21 1,3-Dichlorobenzene	146	3.720	3.720	(0.983)	845956	39.3288	3000
* 79 1,4-Dichlorobenzene-d4	152	3.785	3.790	(1.000)	550374	40.0000	

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20039.d
Report Date: 08-Oct-2011 22:03

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.802	3.808	(1.005)	862543	39.6531	3000
74 Benzyl Alcohol	108	3.967	3.978	(1.048)	414266	38.8242	2900
23 1,2-Dichlorobenzene	146	3.973	3.978	(1.050)	810842	39.0761	2900
3 2-Methylphenol	108	4.125	4.143	(1.090)	1071429	71.1202	5300
24 bis (2-chloroisopropyl) ether	45	4.125	4.137	(1.090)	561736	40.0646	3000
104 Acetophenone	105	4.255	4.272	(1.124)	845057	38.1486	2900
4 4-Methylphenol	108	4.308	4.319	(1.138)	968203	60.0344	4500
121 3 & 4 Methylphenol	108	4.308	4.319	(1.138)	968203	60.0344	4500
25 N-Nitroso-di-n-propylamine	70	4.278	4.296	(1.130)	487116	41.9047	3100
26 Hexachloroethane	117	4.343	4.355	(1.147)	322885	38.6064	2900
\$ 76 Nitrobenzene-d5 (SUR)	82	4.413	4.425	(0.851)	734199	39.2206	2900
107 N,N-Dimethylaniline	120	4.449	4.460	(1.175)	896626	36.7845	2800
27 Nitrobenzene	77	4.437	4.449	(0.855)	1039216	40.2200	3000
28 Isophorone	82	4.713	4.725	(0.908)	1111431	39.9878	3000
5 2-Nitrophenol	139	4.789	4.795	(0.923)	642655	75.4936	5700
6 2,4-Dimethylphenol	122	4.889	4.895	(0.942)	928242	69.4354	5200
29 bis(2-Chloroethoxy)methane	93	4.977	4.983	(0.959)	634655	39.3092	3000
7 2,4-Dichlorophenol	162	5.065	5.071	(0.976)	885667	68.9062	5200
30 1,2,4-Trichlorobenzene	180	5.136	5.142	(0.990)	615936	39.6061	3000
* 80 Naphthalene-d8	136	5.189	5.195	(1.000)	1606839	40.0000	
31 Naphthalene	128	5.206	5.212	(1.003)	1709335	41.4779	3100
32 4-Chloroaniline	127	5.295	5.300	(1.020)	328793	22.5819	1700
33 Hexachlorobutadiene	225	5.371	5.371	(1.035)	402969	40.4035	3000
111 Caprolactam	113	5.682	5.706	(1.095)	109477	37.8967	2800
8 4-Chloro-3-methylphenol	107	5.847	5.853	(1.127)	832682	73.1242	5500
34 2-Methylnaphthalene	142	5.941	5.947	(1.145)	1061000	39.2703	2900
35 Hexachlorocyclopentadiene	237	6.117	6.123	(0.876)	226849	26.3318	2000
9 2,4,6-Trichlorophenol	196	6.252	6.258	(0.895)	580196	76.8729	5800
10 2,4,5-Trichlorophenol	196	6.288	6.299	(0.900)	571429	75.4313	5700
\$ 77 2-Fluorobiphenyl (SUR)	172	6.335	6.340	(0.907)	1064400	41.9312	3100
102 Diphenyl	154	6.429	6.434	(0.920)	1231871	43.6554	3300
36 2-Chloronaphthalene	162	6.429	6.434	(0.920)	964708	42.5186	3200
103 Diphenyl Ether	170	6.540	6.540	(0.936)	672195	42.3292	3200
37 2-Nitroaniline	65	6.552	6.558	(0.938)	330969	41.4351	3100
38 Dimethylphthalate	163	6.764	6.769	(0.968)	850606	42.7195	3200
40 2,6-Dinitrotoluene	165	6.811	6.816	(0.975)	195322	41.1978	3100
39 Acenaphthylene	152	6.840	6.846	(0.979)	1270637	42.3256	3200
41 3-Nitroaniline	138	6.969	6.975	(0.997)	146296	31.6295	2400
* 82 Acenaphthene-d10	164	6.987	6.993	(1.000)	741856	40.0000	
42 Acenaphthene	154	7.016	7.022	(1.004)	824782	42.4944	3200
11 2,4-Dinitrophenol	184	7.075	7.087	(1.013)	33161	12.7283	960(a)
12 4-Nitrophenol	65	7.181	7.187	(1.028)	314417	85.0565	6400
44 2,4-Dinitrotoluene	165	7.204	7.216	(1.031)	243057	43.6977	3300
43 Dibenzofuran	168	7.192	7.198	(1.029)	1170811	43.2432	3200
45 Diethylphthalate	149	7.469	7.474	(1.069)	770150	42.3461	3200
46 4-Chlorophenyl-phenylether	204	7.551	7.551	(1.081)	464272	41.9608	3200
47 Fluorene	166	7.527	7.533	(1.077)	918956	42.7577	3200

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20039.d
 Report Date: 08-Oct-2011 22:03

Compounds	QUANT	SIG						CONCENTRATIONS	
			MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====	=====	=====
48 4-Nitroaniline	138		7.568	7.580	(1.083)		135640	39.2931	3000
13 4,6-Dinitro-2-methylphenol	198		7.610	7.615	(0.902)		112362	35.8854	2700
49 N-Nitrosodiphenylamine	169		7.668	7.674	(0.909)		595686	45.7936	3400
75 1,2-Diphenylhydrazine	77		7.704	7.704	(0.913)		1079512	44.5110	3300
\$ 18 2,4,6-Tribromophenol (SUR)	330		7.768	7.774	(1.112)		235790	75.0337	5600
50 4-Bromophenyl-phenylether	248		8.027	8.027	(0.951)		243319	42.3661	3200
51 Hexachlorobenzene	284		8.074	8.080	(0.957)		245464	43.4562	3300
112 Atrazine	200		8.221	8.221	(0.974)		173718	39.3959	3000
14 Pentachlorophenol	266		8.279	8.279	(0.981)		216392	66.3707	5000
* 83 Phenanthrene-d10	188		8.438	8.444	(1.000)		845865	40.0000	
52 Phenanthrene	178		8.462	8.467	(1.003)		1040185	46.1466	3500
53 Anthracene	178		8.514	8.514	(1.009)		1028527	44.3461	3300
54 Carbazole	167		8.685	8.691	(1.029)		825561	44.6825	3400
55 Di-n-butylphthalate	149		9.073	9.073	(1.075)		1009361	44.9997	3400
56 Fluoranthene	202		9.619	9.625	(1.140)		923310	44.2153	3300
58 Benzidine	184		9.789	9.778	(1.160)		1987	1.00560	76(aR)
57 Pyrene	202		9.836	9.836	(0.891)		917261	39.6371	3000
\$ 78 Terphenyl-d14	244		10.019	10.024	(0.907)		617833	38.4029	2900
59 Butylbenzylphthalate	149		10.518	10.524	(0.953)		398448	41.9599	3200
60 3,3'-Dichlorobenzidine	252		11.023	11.029	(0.998)		230825	39.1329	2900
61 Benzo(a)anthracene	228		11.029	11.029	(0.999)		764994	43.4340	3300
* 81 Chrysene-d12	240		11.041	11.041	(1.000)		610687	40.0000	
62 Chrysene	228		11.064	11.070	(1.002)		729056	46.1492	3500
63 bis(2-Ethylhexyl)phthalate	149		11.135	11.135	(1.008)		546996	43.6795	3300
64 Di-n-octylphthalate	149		11.875	11.875	(0.935)		859150	39.3385	3000
65 Benzo(b)fluoranthene	252		12.245	12.245	(0.964)		695444	39.9314	3000
66 Benzo(k)fluoranthene	252		12.275	12.281	(0.966)		767644	45.1238	3400
67 Benzo(a)pyrene	252		12.633	12.633	(0.994)		601375	41.3281	3100
* 84 Perylene-d12	264		12.704	12.704	(1.000)		547525	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		14.026	14.026	(1.104)		626830	46.2812	3500
69 Dibenz(a,h)anthracene	278		14.061	14.061	(1.107)		613668	45.8436	3400
70 Benzo(g,h,i)perylene	276		14.343	14.343	(1.129)		650634	47.4136	3600

QC Flag Legend

- a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 R - Spike/Surrogate failed recovery limits.

Data File: p20039.d

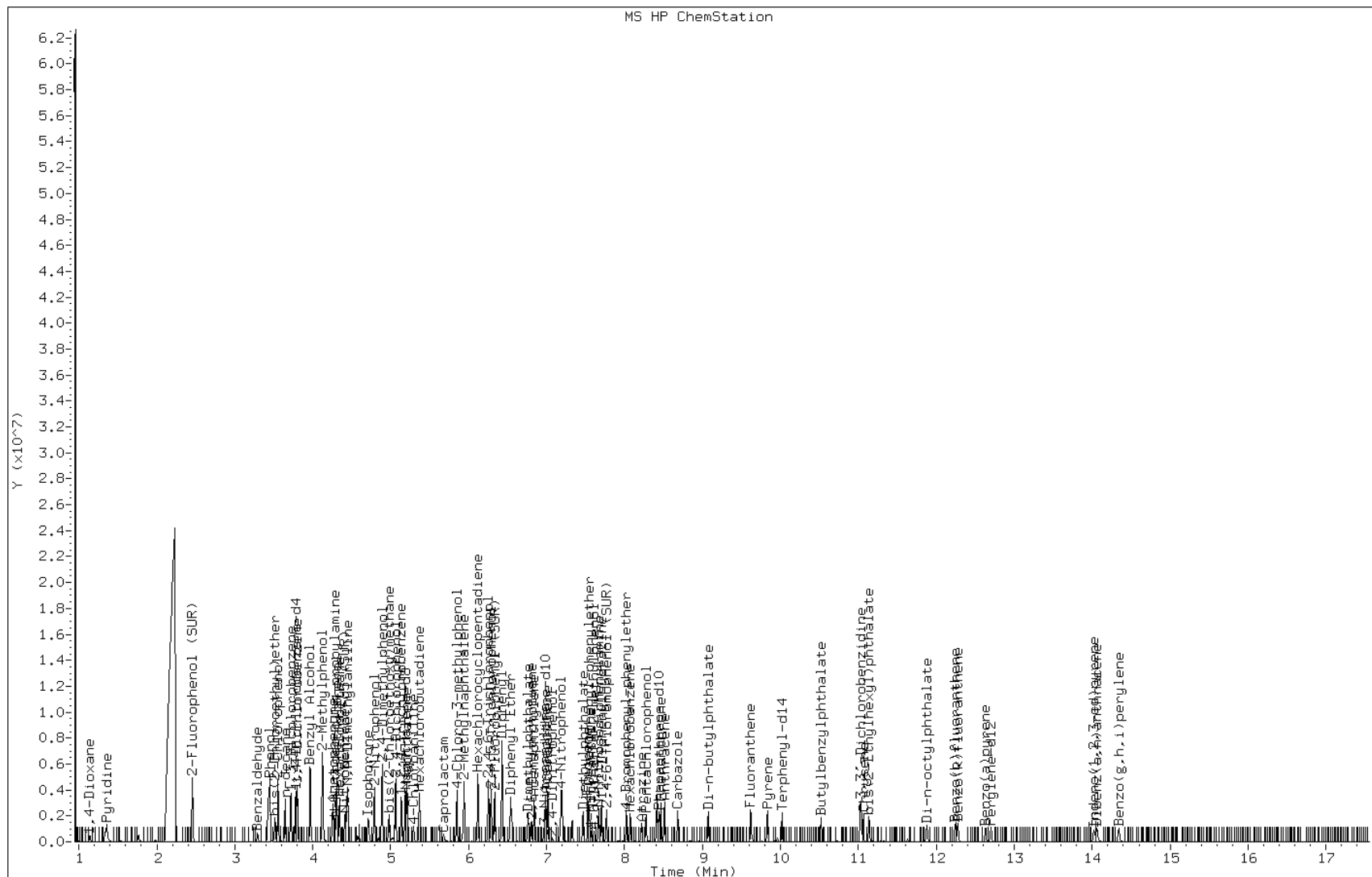
Date: 08-OCT-2011 05:31

Client ID: S0-17338-092611-MM-

Instrument: BNAMS10.i

Sample Info: 460-31736-C-18-K MS

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31553-D-4-E MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10323.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/22/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/27/2011 12:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/28/2011 19:28</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>16.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87782</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	4080		390	25
108-95-2	Phenol	6360		390	48
111-44-4	Bis(2-chloroethyl)ether	2970		39	8.2
95-57-8	2-Chlorophenol	6040		390	53
95-48-7	2-Methylphenol	6750		390	57
108-60-1	2,2'-oxybis[1-chloropropane]	2700		390	52
98-86-2	Acetophenone	3220		390	59
106-44-5	4-Methylphenol	6020		390	65
621-64-7	N-Nitrosodi-n-propylamine	3340		39	5.2
67-72-1	Hexachloroethane	2640		39	6.7
98-95-3	Nitrobenzene	2880		39	8.8
78-59-1	Isophorone	3380		390	45
88-75-5	2-Nitrophenol	6240		390	65
105-67-9	2,4-Dimethylphenol	6720		390	63
111-91-1	Bis(2-chloroethoxy)methane	3250		390	56
120-83-2	2,4-Dichlorophenol	6550		390	63
91-20-3	Naphthalene	3060		390	58
106-47-8	4-Chloroaniline	2420		390	50
87-68-3	Hexachlorobutadiene	2910		80	16
105-60-2	Caprolactam	3960		390	54
59-50-7	4-Chloro-3-methylphenol	7470		390	66
91-57-6	2-Methylnaphthalene	3330		390	58
77-47-4	Hexachlorocyclopentadiene	2050		390	120
88-06-2	2,4,6-Trichlorophenol	6380		390	71
95-95-4	2,4,5-Trichlorophenol	6440		390	76
92-52-4	1,1'-Biphenyl	3360		390	65
91-58-7	2-Chloronaphthalene	3280		390	56
88-74-4	2-Nitroaniline	3510		800	110
131-11-3	Dimethyl phthalate	3810		390	53
606-20-2	2,6-Dinitrotoluene	3860		80	10
208-96-8	Acenaphthylene	3240		390	56
99-09-2	3-Nitroaniline	3100		800	89
83-32-9	Acenaphthene	3480		390	56
51-28-5	2,4-Dinitrophenol	1920		1200	84

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31553-D-4-E MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>z10323.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/22/2011 10:55</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>09/27/2011 12:00</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/28/2011 19:28</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>16.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87782</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6920		1200	100
132-64-9	Dibenzofuran	3560		390	59
121-14-2	2,4-Dinitrotoluene	4070		80	12
84-66-2	Diethyl phthalate	3940		390	53
86-73-7	Fluorene	3730		390	67
7005-72-3	4-Chlorophenyl phenyl ether	3710		390	68
100-01-6	4-Nitroaniline	3180		800	82
534-52-1	4,6-Dinitro-2-methylphenol	3790		1200	190
86-30-6	N-Nitrosodiphenylamine	3720		390	64
101-55-3	4-Bromophenyl phenyl ether	3630		390	70
118-74-1	Hexachlorobenzene	3610		39	5.5
1912-24-9	Atrazine	3500		390	74
87-86-5	Pentachlorophenol	2630		1200	190
85-01-8	Phenanthrene	3640		390	69
120-12-7	Anthracene	3510		390	70
86-74-8	Carbazole	3760		390	63
84-74-2	Di-n-butyl phthalate	3880		390	60
206-44-0	Fluoranthene	3720		390	66
129-00-0	Pyrene	3680		390	68
85-68-7	Butyl benzyl phthalate	3810		390	46
91-94-1	3,3'-Dichlorobenzidine	3030		800	87
56-55-3	Benzo[a]anthracene	3660		39	7.3
218-01-9	Chrysene	3490		390	57
117-81-7	Bis(2-ethylhexyl) phthalate	3740		390	52
117-84-0	Di-n-octyl phthalate	3720		390	47
205-99-2	Benzo[b]fluoranthene	3660		39	5.9
207-08-9	Benzo[k]fluoranthene	3540		39	5.5
50-32-8	Benzo[a]pyrene	3450		39	4.9
193-39-5	Indeno[1,2,3-cd]pyrene	3250		39	6.3
53-70-3	Dibenz(a,h)anthracene	3290		39	4.8
191-24-2	Benzo[g,h,i]perylene	3210		390	42

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-31553-D-4-E MSD
Matrix: Solid Lab File ID: z10323.d
Analysis Method: 8270C Date Collected: 09/22/2011 10:55
Extract. Method: 3541 Date Extracted: 09/27/2011 12:00
Sample wt/vol: 15.00(g) Date Analyzed: 09/28/2011 19:28
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 16.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87782 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	75		10-120
321-60-8	2-Fluorobiphenyl	80		40-109
367-12-4	2-Fluorophenol (Surr)	69		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	74		38-105
4165-62-2	Phenol-d5 (Surr)	78		41-118
1718-51-0	Terphenyl-d14 (Surr)	95		16-151

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10323.d
 Report Date: 29-Sep-2011 00:27

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10323.d
 Lab Smp Id: 460-31553-D-4-E MSD Client Smp ID: SO-17338-092211-MM-
 Inj Date : 28-SEP-2011 19:28
 Operator : BNAMS 4 Inst ID: BNAMS11.i
 Smp Info : 460-31553-D-4-E MSD
 Misc Info : 460-31553-D-4-E MSD
 Comment :
 Method : /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/8270Cdel_08.m
 Meth Date : 28-Sep-2011 16:17 czhao Quant Type: ISTD
 Cal Date : 28-SEP-2011 15:03 Cal File: z10317.d
 Als bottle: 8 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all-soil.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN FINAL (ug/ml) (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.279	1.167	(0.344)	88190	17.6235	1200
19 N-Nitrosodimethylamine	74	1.467	1.373	(0.395)	214547	35.4634	2400
71 Pyridine	79	1.491	1.391	(0.401)	239642	21.6713	1400
\$ 16 2-Fluorophenol (SUR)	112	2.496	2.450	(0.672)	690477	69.0785	4600
110 Benzaldehyde	77	3.273	3.261	(0.881)	90693	51.2934	3400
73 Aniline	93	3.390	3.379	(0.913)	374047	27.0194	1800
\$ 17 Phenol-d5 (SUR)	99	3.390	3.373	(0.913)	876029	77.9601	5200
1 Phenol	94	3.408	3.391	(0.918)	956466	79.9211	5300
20 bis(2-Chloroethyl)ether	93	3.467	3.455	(0.933)	355798	37.2676	2500
2 2-Chlorophenol	128	3.514	3.502	(0.946)	767787	75.9111	5100
113 n-decane	43	3.579	3.573	(0.964)	288386	26.8945	1800
21 1,3-Dichlorobenzene	146	3.661	3.655	(0.986)	407282	34.2858	2300
* 79 1,4-Dichlorobenzene-d4	152	3.714	3.714	(1.000)	296961	40.0000	

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10323.d
 Report Date: 29-Sep-2011 00:27

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.732	3.732	(1.005)	419890	35.2821	2400
74 Benzyl Alcohol	108	3.873	3.867	(1.043)	255805	44.4344	3000
23 1,2-Dichlorobenzene	146	3.885	3.885	(1.046)	404506	36.7839	2400
24 bis (2-chloroisopropyl) ether	45	4.008	4.014	(1.079)	373206	33.9657	2300
3 2-Methylphenol	108	4.008	4.008	(1.079)	692432	84.7896	5600
104 Acetophenone	105	4.138	4.138	(1.114)	500336	40.3814	2700
25 N-Nitroso-di-n-propylamine	70	4.155	4.149	(1.119)	254480	41.9122	2800
4 4-Methylphenol	108	4.173	4.167	(1.124)	682729	75.5648	5000
121 3 & 4 Methylphenol	108	4.173	4.167	(1.124)	682729	75.5648	5000
26 Hexachloroethane	117	4.226	4.226	(1.138)	162299	33.2178	2200
\$ 76 Nitrobenzene-d5 (SUR)	82	4.285	4.285	(0.856)	402580	36.8099	2400
27 Nitrobenzene	77	4.308	4.308	(0.860)	540485	36.1926	2400
107 N,N-Dimethylaniline	120	4.314	4.314	(1.162)	507442	35.4350	2400
28 Isophorone	82	4.567	4.549	(0.912)	687258	42.3988	2800
5 2-Nitrophenol	139	4.632	4.626	(0.925)	404112	78.3203	5200
6 2,4-Dimethylphenol	122	4.708	4.702	(0.940)	677214	84.3650	5600
29 bis(2-Chloroethoxy)methane	93	4.790	4.791	(0.957)	413469	40.7980	2700
7 2,4-Dichlorophenol	162	4.885	4.879	(0.975)	568410	82.2932	5500
30 1,2,4-Trichlorobenzene	180	4.955	4.955	(0.989)	314498	37.2072	2500
* 80 Naphthalene-d8	136	5.008	5.008	(1.000)	1056630	40.0000	
31 Naphthalene	128	5.026	5.026	(1.004)	1098347	38.4950	2600
32 4-Chloroaniline	127	5.096	5.096	(1.018)	306291	30.3598	2000
33 Hexachlorobutadiene	225	5.173	5.173	(1.033)	191183	36.5232	2400
111 Caprolactam	113	5.496	5.461	(1.097)	98671	49.7329	3300
8 4-Chloro-3-methylphenol	107	5.626	5.620	(1.123)	652712	93.7730	6200
34 2-Methylnaphthalene	142	5.726	5.726	(1.143)	703224	41.8858	2800
35 Hexachlorocyclopentadiene	237	5.896	5.896	(0.873)	121766	25.7513	1700
9 2,4,6-Trichlorophenol	196	6.026	6.026	(0.892)	372805	80.0954	5300
10 2,4,5-Trichlorophenol	196	6.067	6.061	(0.898)	388051	80.8417	5400
\$ 77 2-Fluorobiphenyl (SUR)	172	6.102	6.102	(0.903)	743424	40.2377	2700
36 2-Chloronaphthalene	162	6.208	6.208	(0.919)	630347	41.1654	2700
102 Diphenyl	154	6.196	6.196	(0.917)	903542	42.1828	2800
103 Diphenyl Ether	170	6.302	6.302	(0.933)	452656	41.4381	2800
37 2-Nitroaniline	65	6.326	6.320	(0.936)	251915	44.0723	2900
38 Dimethylphthalate	163	6.520	6.520	(0.965)	709399	47.8324	3200
40 2,6-Dinitrotoluene	165	6.573	6.567	(0.973)	161255	48.4476	3200
39 Acenaphthylene	152	6.614	6.614	(0.979)	983373	40.7440	2700
41 3-Nitroaniline	138	6.731	6.726	(0.997)	137856	38.9087	2600
* 82 Acenaphthene-d10	164	6.755	6.755	(1.000)	503166	40.0000	
42 Acenaphthene	154	6.790	6.785	(1.005)	622212	43.7252	2900
11 2,4-Dinitrophenol	184	6.837	6.832	(1.012)	41175	24.0934	1600
12 4-Nitrophenol	65	6.937	6.926	(1.027)	234581	86.8902	5800
43 Dibenzofuran	168	6.955	6.955	(1.030)	870603	44.7056	3000
44 2,4-Dinitrotoluene	165	6.967	6.961	(1.031)	211998	51.1242	3400
45 Diethylphthalate	149	7.214	7.214	(1.068)	746368	49.4693	3300
47 Fluorene	166	7.290	7.290	(1.079)	723950	46.8278	3100
46 4-Chlorophenyl-phenylether	204	7.302	7.302	(1.081)	329161	46.6593	3100

Data File: /chem/BNAMS11.i/8270/09-26-11DEL/28sep11a.b/z10323.d
 Report Date: 29-Sep-2011 00:27

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.331	7.326	(1.085)	116522	39.9720	2700
13 4,6-Dinitro-2-methylphenol	198	7.367	7.361	(0.898)	101263	47.6330	3200
49 N-Nitrosodiphenylamine	169	7.426	7.420	(0.905)	474294	46.7711	3100
75 1,2-Diphenylhydrazine	77	7.461	7.455	(0.910)	845582	42.4897	2800
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.531	7.532	(1.115)	175601	75.2767	5000
50 4-Bromophenyl-phenylether	248	7.778	7.779	(0.948)	186354	45.6125	3000
51 Hexachlorobenzene	284	7.837	7.837	(0.956)	198719	45.2814	3000
112 Atrazine	200	7.961	7.961	(0.971)	149572	43.9625	2900
14 Pentachlorophenol	266	8.031	8.031	(0.979)	77037	33.0380	2200
* 83 Phenanthrene-d10	188	8.202	8.202	(1.000)	669138	40.0000	
52 Phenanthrene	178	8.225	8.226	(1.003)	866580	45.7451	3000
53 Anthracene	178	8.273	8.273	(1.009)	862069	44.0295	2900
54 Carbazole	167	8.437	8.437	(1.029)	722333	47.1763	3100
55 Di-n-butylphthalate	149	8.808	8.808	(1.074)	1032767	48.6984	3200
56 Fluoranthene	202	9.378	9.378	(1.143)	742088	46.7103	3100
58 Benzidine	184	9.525	9.525	(1.161)	5641	3.22074	210(aR)
57 Pyrene	202	9.596	9.596	(0.886)	718827	46.2302	3100
\$ 78 Terphenyl-d14	244	9.767	9.767	(0.902)	510842	47.6107	3200
59 Butylbenzylphthalate	149	10.261	10.267	(0.948)	350637	47.7974	3200
61 Benzo(a)anthracene	228	10.814	10.814	(0.999)	543480	45.9724	3100
60 3,3'-Dichlorobenzidine	252	10.802	10.802	(0.998)	139617	38.0002	2500
* 81 Chrysene-d12	240	10.825	10.825	(1.000)	409760	40.0000	
62 Chrysene	228	10.855	10.855	(1.003)	513314	43.8677	2900
63 bis(2-Ethylhexyl)phthalate	149	10.896	10.902	(1.007)	466270	47.0249	3100
64 Di-n-octylphthalate	149	11.666	11.672	(0.929)	614250	46.7609	3100
65 Benzo(b)fluoranthene	252	12.084	12.084	(0.962)	440047	45.9803	3100
66 Benzo(k)fluoranthene	252	12.119	12.119	(0.965)	447392	44.4079	3000
67 Benzo(a)pyrene	252	12.490	12.490	(0.994)	345009	43.3841	2900
* 84 Perylene-d12	264	12.560	12.561	(1.000)	327232	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.925	13.919	(1.109)	316609	40.8012	2700
69 Dibenz(a,h)anthracene	278	13.955	13.955	(1.111)	339966	41.3074	2800
70 Benzo(g,h,i)perylene	276	14.255	14.255	(1.135)	338927	40.2792	2700

QC Flag Legend

a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 R - Spike/Surrogate failed recovery limits.

Data File: z10323.d

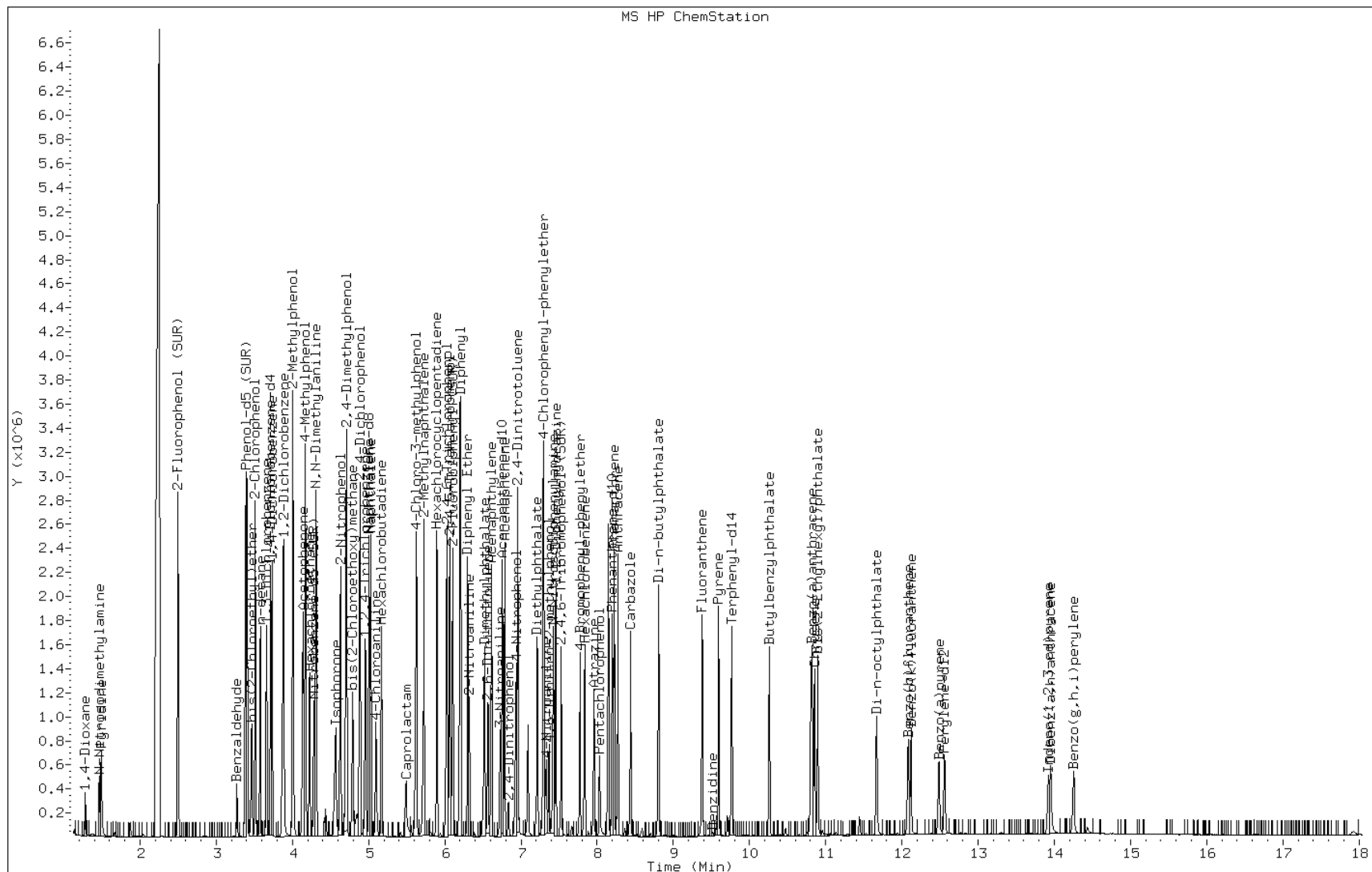
Date: 28-SEP-2011 19:28

Client ID: S0-17338-092211-MM-

Instrument: BNAMS11.i

Sample Info: 460-31553-D-4-E MSD

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-L MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20040.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/26/2011 15:25</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/04/2011 21:50</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>10/08/2011 05:56</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88920</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-52-7	Benzaldehyde	2020		370	23
108-95-2	Phenol	5200		370	46
111-44-4	Bis(2-chloroethyl)ether	2780		37	7.8
95-57-8	2-Chlorophenol	5240		370	50
95-48-7	2-Methylphenol	5130		370	54
108-60-1	2,2'-oxybis[1-chloropropane]	2930		370	49
98-86-2	Acetophenone	2870		370	55
106-44-5	4-Methylphenol	4420		370	61
621-64-7	N-Nitrosodi-n-propylamine	3100		37	4.9
67-72-1	Hexachloroethane	2780		37	6.3
98-95-3	Nitrobenzene	2930		37	8.3
78-59-1	Isophorone	2960		370	43
88-75-5	2-Nitrophenol	5560		370	61
105-67-9	2,4-Dimethylphenol	5150		370	60
111-91-1	Bis(2-chloroethoxy)methane	2870		370	53
120-83-2	2,4-Dichlorophenol	5110		370	60
91-20-3	Naphthalene	3040		370	55
106-47-8	4-Chloroaniline	1680		370	47
87-68-3	Hexachlorobutadiene	2970		76	15
105-60-2	Caprolactam	2960		370	51
59-50-7	4-Chloro-3-methylphenol	5520		370	63
91-57-6	2-Methylnaphthalene	2870		370	54
77-47-4	Hexachlorocyclopentadiene	2080		370	110
88-06-2	2,4,6-Trichlorophenol	5670		370	67
95-95-4	2,4,5-Trichlorophenol	5650		370	72
92-52-4	1,1'-Biphenyl	3190		370	61
91-58-7	2-Chloronaphthalene	3020		370	53
88-74-4	2-Nitroaniline	3150		760	100
131-11-3	Dimethyl phthalate	3270		370	50
606-20-2	2,6-Dinitrotoluene	3230		76	9.5
208-96-8	Acenaphthylene	3060		370	53
99-09-2	3-Nitroaniline	2400		760	84
83-32-9	Acenaphthene	3150		370	53
51-28-5	2,4-Dinitrophenol	950	J	1100	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-L MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>p20040.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>09/26/2011 15:25</u>
Extract. Method: <u>3541</u>	Date Extracted: <u>10/04/2011 21:50</u>
Sample wt/vol: <u>15.03(g)</u>	Date Analyzed: <u>10/08/2011 05:56</u>
Con. Extract Vol.: <u>1(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: _____	Level: (low/med) <u>Low</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88920</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-02-7	4-Nitrophenol	6430		1100	96
132-64-9	Dibenzofuran	3200		370	56
121-14-2	2,4-Dinitrotoluene	3370		76	11
84-66-2	Diethyl phthalate	3270		370	50
86-73-7	Fluorene	3250		370	63
7005-72-3	4-Chlorophenyl phenyl ether	3160		370	64
100-01-6	4-Nitroaniline	2960		760	77
534-52-1	4,6-Dinitro-2-methylphenol	2520		1100	180
86-30-6	N-Nitrosodiphenylamine	3340		370	61
101-55-3	4-Bromophenyl phenyl ether	3070		370	66
118-74-1	Hexachlorobenzene	3260		37	5.2
1912-24-9	Atrazine	2920		370	70
87-86-5	Pentachlorophenol	4420		1100	180
85-01-8	Phenanthrene	3320		370	65
120-12-7	Anthracene	3210		370	66
86-74-8	Carbazole	3260		370	59
84-74-2	Di-n-butyl phthalate	3250		370	57
206-44-0	Fluoranthene	3170		370	62
129-00-0	Pyrene	2880		370	64
85-68-7	Butyl benzyl phthalate	3020		370	44
91-94-1	3,3'-Dichlorobenzidine	2770		760	82
56-55-3	Benzo[a]anthracene	3180		37	6.9
218-01-9	Chrysene	3320		370	54
117-81-7	Bis(2-ethylhexyl) phthalate	3230		370	49
117-84-0	Di-n-octyl phthalate	2870		370	44
205-99-2	Benzo[b]fluoranthene	2810		37	5.5
207-08-9	Benzo[k]fluoranthene	3120		37	5.2
50-32-8	Benzo[a]pyrene	2910		37	4.6
193-39-5	Indeno[1,2,3-cd]pyrene	2990		37	6.0
53-70-3	Dibenz(a,h)anthracene	3180		37	4.5
191-24-2	Benzo[g,h,i]perylene	3250		370	39

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-L MSD
Matrix: Solid Lab File ID: p20040.d
Analysis Method: 8270C Date Collected: 09/26/2011 15:25
Extract. Method: 3541 Date Extracted: 10/04/2011 21:50
Sample wt/vol: 15.03(g) Date Analyzed: 10/08/2011 05:56
Con. Extract Vol.: 1(mL) Dilution Factor: 1
Injection Volume: _____ Level: (low/med) Low
% Moisture: 11.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 88920 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	78		10-120
321-60-8	2-Fluorobiphenyl	82		40-109
367-12-4	2-Fluorophenol (Surr)	67		37-125
4165-60-0	Nitrobenzene-d5 (Surr)	80		38-105
4165-62-2	Phenol-d5 (Surr)	66		41-118
1718-51-0	Terphenyl-d14 (Surr)	75		16-151

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20040.d
 Report Date: 08-Oct-2011 22:03

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20040.d
 Lab Smp Id: 460-31736-C-18-LMSD
 Inj Date : 08-OCT-2011 05:56
 Operator : BNAMS 4
 Smp Info : 460-31736-C-18-L MSD
 Misc Info :
 Comment :
 Method : /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/8270Cdel_08.m
 Meth Date : 08-Oct-2011 03:48 asfawa
 Cal Date : 08-OCT-2011 02:46
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS10.i

Quant Type: ISTD

Cal File: p20033.d

QC Sample: MSD

Compound Sublist: all.sub

Concentration Formula: $\text{Amt} * \text{DF} * \text{Uf} * 1000 * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Uf	1.00000	ng unit correction factor
Vt	1.00000	Volume of final extract (ml)
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/Kg)
106 1,4-Dioxane	88	1.141	1.064	(0.301)	207271	30.1484	2000	
19 N-Nitrosodimethylamine	74	1.341	1.276	(0.354)	516366	44.3215	3000(R)	
71 Pyridine	79	1.358	1.287	(0.359)	635780	32.1937	2100	
\$ 16 2-Fluorophenol (SUR)	112	2.457	2.416	(0.649)	1242713	66.8977	4400	
110 Benzaldehyde	77	3.291	3.285	(0.870)	161195	26.8414	1800	
\$ 17 Phenol-d5 (SUR)	99	3.438	3.444	(0.908)	1462023	66.3403	4400	
1 Phenol	94	3.450	3.461	(0.912)	1550103	69.1991	4600	
73 Aniline	93	3.421	3.420	(0.904)	569505	21.6799	1400	
20 bis(2-Chloroethyl)ether	93	3.515	3.520	(0.929)	664804	37.0481	2500	
2 2-Chlorophenol	128	3.556	3.561	(0.939)	1241210	69.7477	4600	
113 n-decane	43	3.644	3.655	(0.963)	544385	35.2671	2400	
21 1,3-Dichlorobenzene	146	3.720	3.720	(0.983)	859039	38.0408	2500	
* 79 1,4-Dichlorobenzene-d4	152	3.785	3.790	(1.000)	577809	40.0000		

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20040.d
 Report Date: 08-Oct-2011 22:03

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.802	3.808	(1.005)	868171	38.0168	2500
74 Benzyl Alcohol	108	3.967	3.978	(1.048)	415816	37.1192	2500
23 1,2-Dichlorobenzene	146	3.967	3.978	(1.048)	828232	38.0190	2500
3 2-Methylphenol	108	4.126	4.143	(1.090)	1078946	68.2186	4500
24 bis (2-chloroisopropyl) ether	45	4.126	4.137	(1.090)	574978	39.0619	2600
104 Acetophenone	105	4.255	4.272	(1.124)	887089	38.1446	2500
4 4-Methylphenol	108	4.308	4.319	(1.138)	996439	58.8516	3900
121 3 & 4 Methylphenol	108	4.308	4.319	(1.138)	996439	58.8516	3900
25 N-Nitroso-di-n-propylamine	70	4.278	4.296	(1.130)	503717	41.2753	2800
26 Hexachloroethane	117	4.343	4.355	(1.147)	324817	36.9934	2500
\$ 76 Nitrobenzene-d5 (SUR)	82	4.414	4.425	(0.852)	777869	40.0914	2700
107 N,N-Dimethylaniline	120	4.449	4.460	(1.175)	925460	36.1647	2400
27 Nitrobenzene	77	4.437	4.449	(0.856)	1044115	38.9878	2600
28 Isophorone	82	4.713	4.725	(0.909)	1136623	39.4554	2600
5 2-Nitrophenol	139	4.790	4.795	(0.924)	653472	74.0634	4900
6 2,4-Dimethylphenol	122	4.889	4.895	(0.943)	949445	68.5226	4600
29 bis(2-Chloroethoxy)methane	93	4.978	4.983	(0.960)	638238	38.1403	2500
7 2,4-Dichlorophenol	162	5.066	5.071	(0.977)	905840	67.9960	4500
30 1,2,4-Trichlorobenzene	180	5.136	5.142	(0.991)	637783	39.5679	2600
* 80 Naphthalene-d8	136	5.183	5.195	(1.000)	1665436	40.0000	
31 Naphthalene	128	5.207	5.212	(1.005)	1728532	40.4680	2700
32 4-Chloroaniline	127	5.289	5.300	(1.020)	338236	22.4131	1500
33 Hexachlorobutadiene	225	5.371	5.371	(1.036)	409218	39.5865	2600
111 Caprolactam	113	5.683	5.706	(1.096)	118130	39.4533	2600
8 4-Chloro-3-methylphenol	107	5.847	5.853	(1.128)	866721	73.4355	4900
34 2-Methylnaphthalene	142	5.941	5.947	(1.146)	1070781	38.2379	2500
35 Hexachlorocyclopentadiene	237	6.117	6.123	(0.876)	255158	27.7167	1800
9 2,4,6-Trichlorophenol	196	6.253	6.258	(0.895)	608493	75.4472	5000
10 2,4,5-Trichlorophenol	196	6.288	6.299	(0.900)	609252	75.2619	5000
\$ 77 2-Fluorobiphenyl (SUR)	172	6.335	6.340	(0.907)	1114648	41.0922	2700
102 Diphenyl	154	6.429	6.434	(0.920)	1279878	42.4453	2800
36 2-Chloronaphthalene	162	6.429	6.434	(0.920)	973474	40.1510	2700
103 Diphenyl Ether	170	6.540	6.540	(0.936)	694682	40.9374	2700
37 2-Nitroaniline	65	6.552	6.558	(0.938)	357434	41.8761	2800
38 Dimethylphthalate	163	6.764	6.769	(0.968)	927143	43.5746	2900
40 2,6-Dinitrotoluene	165	6.811	6.816	(0.975)	217709	42.9723	2900
39 Acenaphthylene	152	6.840	6.846	(0.979)	1304969	40.6791	2700
41 3-Nitroaniline	138	6.969	6.975	(0.997)	157798	31.9265	2100
* 82 Acenaphthene-d10	164	6.987	6.993	(1.000)	792740	40.0000	
42 Acenaphthene	154	7.016	7.022	(1.004)	868398	41.8697	2800
11 2,4-Dinitrophenol	184	7.075	7.087	(1.013)	35198	12.6430	840(a)
12 4-Nitrophenol	65	7.181	7.187	(1.028)	338196	85.6168	5700
44 2,4-Dinitrotoluene	165	7.204	7.216	(1.031)	266551	44.8456	3000
43 Dibenzofuran	168	7.193	7.198	(1.029)	1233620	42.6384	2800
45 Diethylphthalate	149	7.469	7.474	(1.069)	846398	43.5513	2900
46 4-Chlorophenyl-phenylether	204	7.545	7.551	(1.080)	497891	42.1109	2800
47 Fluorene	166	7.528	7.533	(1.077)	994017	43.2815	2900

Data File: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b/p20040.d
 Report Date: 08-Oct-2011 22:03

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/Kg)
=====	=====	==	=====	=====	=====	=====	=====
48 4-Nitroaniline	138	7.569	7.580	(1.083)	145110	39.3382	2600
13 4,6-Dinitro-2-methylphenol	198	7.604	7.615	(0.901)	115933	33.6018	2200
49 N-Nitrosodiphenylamine	169	7.669	7.674	(0.909)	637711	44.4906	3000
75 1,2-Diphenylhydrazine	77	7.704	7.704	(0.913)	1176650	44.0296	2900
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.768	7.774	(1.112)	262666	78.2211	5200
50 4-Bromophenyl-phenylether	248	8.021	8.027	(0.951)	258261	40.8092	2700
51 Hexachlorobenzene	284	8.074	8.080	(0.957)	269954	43.3721	2900
112 Atrazine	200	8.215	8.221	(0.974)	189031	38.9042	2600
14 Pentachlorophenol	266	8.280	8.279	(0.981)	211334	58.8249	3900
* 83 Phenanthrene-d10	188	8.438	8.444	(1.000)	932061	40.0000	
52 Phenanthrene	178	8.462	8.467	(1.003)	1097878	44.2018	2900
53 Anthracene	178	8.515	8.514	(1.009)	1091177	42.6964	2800
54 Carbazole	167	8.685	8.691	(1.029)	882488	43.3465	2900
55 Di-n-butylphthalate	149	9.073	9.073	(1.075)	1070244	43.3015	2900
56 Fluoranthene	202	9.619	9.625	(1.140)	971404	42.2164	2800
58 Benzidine	184	9.796	9.778	(1.161)	3709	1.70349	110(aR)
57 Pyrene	202	9.837	9.836	(0.891)	956839	38.3281	2600
\$ 78 Terphenyl-d14	244	10.019	10.024	(0.908)	648599	37.3713	2500
59 Butylbenzylphthalate	149	10.518	10.524	(0.953)	411563	40.1761	2700
60 3,3'-Dichlorobenzidine	252	11.024	11.029	(0.999)	234983	36.9287	2500
61 Benzo(a)anthracene	228	11.029	11.029	(0.999)	803250	42.2758	2800
* 81 Chrysene-d12	240	11.035	11.041	(1.000)	658794	40.0000	
62 Chrysene	228	11.065	11.070	(1.003)	752633	44.1627	2900
63 bis(2-Ethylhexyl)phthalate	149	11.135	11.135	(1.009)	581270	43.0269	2900
64 Di-n-octylphthalate	149	11.875	11.875	(0.935)	906270	38.2637	2600
65 Benzo(b)fluoranthene	252	12.240	12.245	(0.963)	706599	37.4116	2500
66 Benzo(k)fluoranthene	252	12.275	12.281	(0.966)	766449	41.5441	2800
67 Benzo(a)pyrene	252	12.628	12.633	(0.994)	610216	38.6691	2600
* 84 Perylene-d12	264	12.704	12.704	(1.000)	593777	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	14.026	14.026	(1.104)	584345	39.7837	2600
69 Dibenz(a,h)anthracene	278	14.061	14.061	(1.107)	613762	42.2791	2800
70 Benzo(g,h,i)perylene	276	14.343	14.343	(1.129)	643129	43.2161	2900

QC Flag Legend

- a - Target compound detected but, quantitated amount
 Below Limit Of Quantitation(BLOQ).
 R - Spike/Surrogate failed recovery limits.

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: BNAMS10 Start Date: 09/27/2011 23:44Analysis Batch Number: 87772 End Date: 09/28/2011 03:04

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-87772/1		09/27/2011 23:44	1	p19647.d	Rtx-5MS 0.25 (mm)
ICIS 460-87772/2		09/28/2011 00:31	1	p19649.d	Rtx-5MS 0.25 (mm)
IC 460-87772/3		09/28/2011 01:46	1	p19650.d	Rtx-5MS 0.25 (mm)
IC 460-87772/4		09/28/2011 02:12	1	p19651.d	Rtx-5MS 0.25 (mm)
IC 460-87772/5		09/28/2011 02:38	1	p19652.d	Rtx-5MS 0.25 (mm)
IC 460-87772/6		09/28/2011 03:04	1	p19653.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: BNAMS10 Start Date: 10/08/2011 02:26Analysis Batch Number: 88920 End Date: 10/08/2011 09:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-88920/1		10/08/2011 02:26	1	p20032.d	Rtx-5MS 0.25 (mm)
CCVIS 460-88920/2		10/08/2011 02:46	1	p20033.d	Rtx-5MS 0.25 (mm)
LCS 460-88256/2-A		10/08/2011 04:12	1	p20036.d	Rtx-5MS 0.25 (mm)
MB 460-88256/1-A		10/08/2011 04:37	1	p20037.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/08/2011 05:03	1		Rtx-5MS 0.25 (mm)
460-31736-C-18-K MS		10/08/2011 05:31	1	p20039.d	Rtx-5MS 0.25 (mm)
460-31736-C-18-L MSD		10/08/2011 05:56	1	p20040.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/08/2011 06:22	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/08/2011 06:48	1		Rtx-5MS 0.25 (mm)
460-31552-4	SO-17338-092111-MM-04 2	10/08/2011 07:13	1	p20043.d	Rtx-5MS 0.25 (mm)
ZZZZZ		10/08/2011 07:39	2		Rtx-5MS 0.25 (mm)
ZZZZZ		10/08/2011 08:56	1		Rtx-5MS 0.25 (mm)
ZZZZZ		10/08/2011 09:47	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: BNAMS10 Start Date: 10/08/2011 10:39Analysis Batch Number: 88921 End Date: 10/08/2011 10:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-88921/1		10/08/2011 10:39	1	p20051.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/26/2011 10:44Analysis Batch Number: 87600 End Date: 09/26/2011 12:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-87600/1		09/26/2011 10:44	1	z10237.d	Rtx-5MS 0.25 (mm)
ICIS 460-87600/2		09/26/2011 10:59	1	z10238.d	Rtx-5MS 0.25 (mm)
IC 460-87600/3		09/26/2011 11:35	1	z10239.d	Rtx-5MS 0.25 (mm)
IC 460-87600/4		09/26/2011 12:00	1	z10240.d	Rtx-5MS 0.25 (mm)
IC 460-87600/5		09/26/2011 12:25	1	z10241.d	Rtx-5MS 0.25 (mm)
IC 460-87600/6		09/26/2011 12:50	1	z10242.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/28/2011 14:49Analysis Batch Number: 87782 End Date: 09/28/2011 19:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-87782/1		09/28/2011 14:49	1	z10316.d	Rtx-5MS 0.25 (mm)
CCVIS 460-87782/2		09/28/2011 15:03	1	z10317.d	Rtx-5MS 0.25 (mm)
LCS 460-87412/2-A		09/28/2011 16:24	1	z10318.d	Rtx-5MS 0.25 (mm)
MB 460-87412/1-A		09/28/2011 17:48	1	z10319.d	Rtx-5MS 0.25 (mm)
460-31552-5	SO-17338-092111-MM-04 3	09/28/2011 18:13	1	z10320.d	Rtx-5MS 0.25 (mm)
ZZZZZ		09/28/2011 18:38	1		Rtx-5MS 0.25 (mm)
460-31553-D-4-D MS		09/28/2011 19:03	1	z10322.d	Rtx-5MS 0.25 (mm)
460-31553-D-4-E MSD		09/28/2011 19:28	1	z10323.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: BNAMS11 Start Date: 09/28/2011 19:53Analysis Batch Number: 87783 End Date: 09/28/2011 19:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-87783/1		09/28/2011 19:53	1	z10324.d	Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.i
Analytical Batch: /chem/BNAMS11.i/8270/09-26-11DEL/26sep11.b

Date Generated: 09/26/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/26/11	1044	210237.d	1 DFTFP-937638			0	0		1	2.0 all	BNF 4587 G	87600
09/26/11	1059	210238.d	2 ICIS-1143618			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1135	210239.d	3 IC-1143620			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1200	210240.d	4 IC-1143607			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1225	210241.d	5 IC-1143619			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1250	210242.d	6 IC-1143617			1000	2		1	1.0 all	BNF 4587 G	
09/26/11	1349	210244.d	8 icv	26sep11		1000	1		1	1.0 all	BNF 4587 G	

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Signed:  Read and Understood by:  Date: 09.26.11

Date: 09.30.11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i
Analytical Batch: /chem/BNAMS10.i/8270/09-27-11DEL/27sep11.b

Date Generated: 09/29/2011
Page 1

Date	ALS	Sample ID	LPS	EXT DATE	IV/	FV	Dil	Inj	Sublist	LOT	COMMENTS
09/27/11 2344	p19647.d	1 DFTPP-937638			0	0		1	2.0 all	BNK 4587 G	87772
09/28/11 0031	p19649.d	3 ICIS-1143618			1000	2		1	1.0 all	BNK 4587 G	
09/28/11 0146	p19650.d	4 IC-1143620			1000	2		1	1.0 all		Good 8270-DEL
09/28/11 0212	p19651.d	5 IC-1143607			1000	2		1	1.0 all		Ni: Benzaldehyde
09/28/11 0238	p19652.d	6 IC-1143619			1000	2		1	1.0 all		Benzidine
09/28/11 0304	p19653.d	7 IC-1143617			1000	2		1	1.0 all		
09/28/11 0356	p19655.d	9 icv	27sep11		1000	1		1	1.0 all	BNK 4580 G	

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Signed:  Read and Understood by: 
Date: 09.29.11 Date: 9-30-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS11.1
Analytical Batch: /chem/BNAMS11.1/8270/09-26-11DEL/28sep11a.b

Date Generated: 09/29/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FW	Dil	Inj Vol	Sublist	LOT	COMMENTS
09/28/11 1449	210316.d	1	DFTPP-937638			0	0	1	2.0	all	459	C 8-1182
09/28/11 1503	210317.d	2	CCVIS-1143618			1000	2	1	1.0	all	4589	C
09/28/11 1624	210318.d	3	LCS 460-87412/2-A	28sep11a		15	1	1	1.0	all-so		C
09/28/11 1748	210319.d	4	MB 460-87412/1-A	28sep11a		15	1	1	1.0	all-so		C
09/28/11 1813	210320.d	5	460-31552-D-5-G	460-87412	09/27/11	15.0	1	1	1.0	all-so		C
09/28/11 1838	210321.d	6	460-31553-D-4-F	460-87412	09/27/11	15.0	1	1	1.0	all-so		C
09/28/11 1903	210322.d	7	460-31553-D-4-D MS	460-87412	09/27/11	15.0	1	1	1.0	all-so		C
09/28/11 1928	210323.d	8	460-31553-D-4-E MSD	460-87412	09/27/11	15	1	1	1.0	all-so		C
09/28/11 1953	210324.d	9	CCV-1143618	28sep11a		1000	2	1	1.0	all		C 1 compd out etc

Signed: W Read and Understood by: W.S.

Date: 9/29/11 Date: 9-30-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i
Analytical Batch: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b

Date Generated: 10/08/2011
Page 1

Date	Data File	ALS	Sample ID	LFB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublisc	LOT	COMMENTS
10/08/11	0226	p20032.d	1 DFTPP-1175410			0	0		1	2.0	all	88920
10/08/11	0246	p20033.d	2 CCVIS-1143618			1000	2		1	1.0	all	DEL
10/08/11	0412	p20036.d	5 LCS 460-88256/2-A	08oct11		15	1		1	1.0	all	
10/08/11	0437	p20037.d	6 MB 460-88256/1-A	08oct11		15	1		1	1.0	all	
10/08/11	0503	p20038.d	7 460-31736-C-18-M	460-88256	10/04/11	15.1	1		1	1.0	all	
10/08/11	0531	p20039.d	8 460-31736-C-18-K MS	460-88256	10/04/11	15.0	1		1	1.0	all	
10/08/11	0556	p20040.d	9 460-31736-C-18-LMSD			15	1		1	1.0	all	
10/08/11	0622	p20041.d	10 460-31736-C-16-A	460-88256	10/04/11	15.0	1		1	1.0	all	
10/08/11	0648	p20042.d	11 460-31736-C-12-A	460-88256	10/04/11	15.0	1		1	1.0	all	
10/08/11	0713	p20043.d	12 460-31552-D-4-E	460-88256	10/04/11	15.0	1		1	1.0	all	
10/08/11	0739	p20044.d	13 460-31736-C-17-D	460-88256	10/04/11	15.0	1		2	1.0	all	300ml sample + 300ml water
10/08/11	0804	p20045.d	14 460-31736-C-27-D	460-88256	10/04/11	15.0	1		100	1.0	all	RR 20X
10/08/11	0830	p20046.d	15 460-31736-C-28-D	460-88256	10/04/11	15	1		50	1.0	all	RR 10X
10/08/11	0856	p20047.d	16 460-31736-C-15-A	460-88256	10/04/11	15.0	1		1	1.0	all	

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS10.i
Analytical Batch: /chem/BNAMS10.i/8270/09-27-11DEL/08oct11.b

Date Generated: 10/08/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	TV/	FW	Dil	Inj Vol	Sublist	LOT	COMMENTS
10/08/11 0922	p20048.d	17	460-31736-C-17-D	460-88256	10/04/11	15.0	1	1.0	all			NU.
10/08/11 0947	p20049.d	18	460-31736-C-14-A	460-88256	10/04/11	15.0	1	1.0	all			S
10/08/11 1013	p20050.d	19	460-31736-C-13-A	460-88256	10/04/11	15.1	1	1.0	all			ISL RR
10/08/11 1039	p20051.d	20	CCVIS-1143618			1000	2	1	1.0	all		NU. Bad sample matrix.

Signed:

C. J. [Signature]

Read and Understood by:

Date:

10/8/11

Date: 10-9-11

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87412 Batch Start Date: 09/27/11 12:00 Batch Analyst: Masongo, CharlesBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP8270SoilSUR 00002	OP8270SP 00020	
MB 460-87412/1		3541, 8270C		15.00 g	1 mL	1	500 uL		
LCS 460-87412/2		3541, 8270C		15.00 g	1 mL	2	500 uL	0.5 mL	
460-31553-D-4 MS		3541, 8270C	T	15.01 g	1 mL	3	500 uL	0.5 mL	
460-31553-D-4 MSD		3541, 8270C	T	15.00 g	1 mL	4	500 uL	0.5 mL	
460-31552-D-5	SO-17338-092111- MM-043	3541, 8270C	T	15.02 g	1 mL	5	500 uL		

Batch Notes	
Balance ID	28
Batch Comment	BNA 8270C SOIL - DESOP
Blank Soil Lot Number	J38600
Person's name who did the concentration	CM
Vendor lot number	K18E60
Na2SO4 Lot Number	J38600
Person's name who did the prep	CM
Person's name who witnessed reagent drop	HP
Solvent	MeCl2/Acetone mixture
SOP Number	3541
First Start time	12pm

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 88256 Batch Start Date: 10/04/11 21:50 Batch Analyst: Windham, Frank HBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP8270SoilSUR 00003	OP8270SP 00020		
MB 460-88256/1		3541, 8270C		15.00 g	1 mL	500 uL			
LCS 460-88256/2		3541, 8270C		15.00 g	1 mL	500 uL	0.5 mL		
460-31736-C-18 MS		3541, 8270C	T	15.04 g	1 mL	500 uL	0.5 mL		
460-31736-C-18 MSD		3541, 8270C	T	15.03 g	1 mL	500 uL	0.5 mL		
460-31552-D-4	SO-17338-092111- MM-042	3541, 8270C	T	15.04 g	1 mL	500 uL			

Batch Notes	
Balance ID	30
Batch Comment	BNA SOIL 8270 DEL
Vendor lot number	K18E60
Na2SO4 Lot Number	K12590
Person's name who did the prep	FW
Person's name who witnessed reagent drop	CM
Solvent	ACETONE/MeCl2

Basis	Basis Description
T	Total/NA

Method 8081 - Delaware

Organochlorine Pesticides (GC) by
Method 8081 (Delaware)

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
SO-17338-092111-MM-042	460-31552-4	78	69	92	82
SO-17338-092111-MM-043	460-31552-5	106	105	103	103
	MB 460-87369/1-A	116	116	126	123
	MB 460-88124/1-A	89	83	85	87
	LCS 460-87369/2-A	115	111	115	113
	LCS 460-88124/2-A	101	94	108	115
SO-17338-092111-MM-043 MS	460-31552-5 MS	106	108	123	119
	460-31736-C-18-D MS	85	77	95	122
SO-17338-092111-MM-043 MSD	460-31552-5 MSD	98	99	112	106
	460-31736-C-18-E MSD	80	71	91	110

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC LIMITS
40-150
53-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF693662.D
 Lab ID: LCS 460-87369/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	135	101	58-138	
beta-BHC	133	129	96	60-139	
delta-BHC	133	141	106	60-141	
gamma-BHC (Lindane)	133	135	101	58-136	
Heptachlor	133	103	77	58-137	
Aldrin	133	132	99	58-143	
Heptachlor epoxide	133	129	97	59-136	
Endosulfan I	133	129	96	60-138	
Dieldrin	133	132	99	55-128	
4,4'-DDE	133	131	99	58-150	
Endrin	133	128	96	61-150	
Endosulfan II	133	128	96	59-133	
4,4'-DDD	133	129	97	63-150	
Endosulfan sulfate	133	125	94	56-133	
4,4'-DDT	133	114	86	57-150	
Methoxychlor	133	101	76	42-150	
Endrin ketone	133	122	91	62-139	
Endrin aldehyde	133	104	78	55-122	
alpha-Chlordane	133	130	97	49-143	
gamma-Chlordane	133	130	98	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR693662.D
 Lab ID: LCS 460-87369/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	135	101	58-138	
beta-BHC	133	142	107	60-139	
delta-BHC	133	141	106	60-141	
gamma-BHC (Lindane)	133	136	102	58-136	
Heptachlor	133	103	77	58-137	
Aldrin	133	135	102	58-143	
Heptachlor epoxide	133	132	99	59-136	
Endosulfan I	133	132	99	60-138	
Dieldrin	133	134	101	55-128	
4,4'-DDE	133	135	101	58-150	
Endrin	133	132	99	61-150	
Endosulfan II	133	131	98	59-133	
4,4'-DDD	133	127	95	63-150	
Endosulfan sulfate	133	128	96	56-133	
4,4'-DDT	133	115	86	57-150	
Methoxychlor	133	90.2	68	42-150	
Endrin ketone	133	126	94	62-139	
Endrin aldehyde	133	110	82	55-122	
alpha-Chlordane	133	131	99	49-143	
gamma-Chlordane	133	129	97	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125129.d
 Lab ID: LCS 460-88124/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	117	88	58-138	
beta-BHC	133	113	84	60-139	
delta-BHC	133	120	90	60-141	
gamma-BHC (Lindane)	133	119	89	58-136	
Heptachlor	133	113	84	58-137	
Aldrin	133	115	86	58-143	
Heptachlor epoxide	133	111	83	59-136	
Endosulfan I	133	110	82	60-138	
Dieldrin	133	109	82	55-128	
4,4'-DDE	133	109	82	58-150	
Endrin	133	106	80	61-150	
Endosulfan II	133	108	81	59-133	
4,4'-DDD	133	109	81	63-150	
Endosulfan sulfate	133	104	78	56-133	
4,4'-DDT	133	99.8	75	57-150	
Methoxychlor	133	98.8	74	42-150	
Endrin ketone	133	112	84	62-139	
Endrin aldehyde	133	91.8	69	55-122	
alpha-Chlordane	133	105	79	49-143	
gamma-Chlordane	133	108	81	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125129.d
 Lab ID: LCS 460-88124/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
alpha-BHC	133	115	86	58-138	
beta-BHC	133	119	89	60-139	
delta-BHC	133	117	88	60-141	
gamma-BHC (Lindane)	133	115	86	58-136	
Heptachlor	133	113	85	58-137	
Aldrin	133	117	88	58-143	
Heptachlor epoxide	133	125	94	59-136	
Endosulfan I	133	124	93	60-138	
Dieldrin	133	126	95	55-128	
4,4'-DDE	133	123	93	58-150	
Endrin	133	123	92	61-150	
Endosulfan II	133	122	92	59-133	
4,4'-DDD	133	129	97	63-150	
Endosulfan sulfate	133	102	77	56-133	
4,4'-DDT	133	109	82	57-150	
Methoxychlor	133	98.6	74	42-150	
Endrin ketone	133	107	81	62-139	
Endrin aldehyde	133	100	75	55-122	
alpha-Chlordane	133	98.0	73	49-143	
gamma-Chlordane	133	115	86	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF693660.D
 Lab ID: 460-31552-5 MS Client ID: SO-17338-092111-MM-043 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	153	7.7 U	162	106	58-138	
beta-BHC	153	7.7 U	96.9	63	60-139	
delta-BHC	153	7.7 U	117	76	60-141	
gamma-BHC (Lindane)	153	7.7 U	160	105	58-136	
Heptachlor	153	7.7 U	94.1	61	58-137	
Aldrin	153	7.7 U	155	101	58-143	
Heptachlor epoxide	153	7.7 U	152	99	59-136	
Endosulfan I	153	7.7 U	153	100	60-138	
Dieldrin	153	7.7 U	155	101	55-128	
4,4'-DDE	153	7.7 U	156	102	58-150	
Endrin	153	7.7 U	151	98	61-150	
Endosulfan II	153	7.7 U	144	94	59-133	
4,4'-DDD	153	7.7 U	147	96	63-150	
Endosulfan sulfate	153	7.7 U	129	84	56-133	
4,4'-DDT	153	7.7 U	120	78	57-150	
Methoxychlor	153	7.7 U	100	65	42-150	
Endrin ketone	153	7.7 U	134	87	62-139	
Endrin aldehyde	153	7.7 U	46.1	30	55-122	F
alpha-Chlordane	153	7.7 U	152	99	49-143	
gamma-Chlordane	153	7.7 U	153	100	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR693660.D
 Lab ID: 460-31552-5 MS Client ID: SO-17338-092111-MM-043 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	153	7.7 U	161	105	58-138	
beta-BHC	153	7.7 U	98.8	64	60-139	
delta-BHC	153	7.7 U	114	74	60-141	
gamma-BHC (Lindane)	153	7.7 U	161	105	58-136	
Heptachlor	153	7.7 U	105	68	58-137	
Aldrin	153	7.7 U	164	107	58-143	
Heptachlor epoxide	153	7.7 U	156	102	59-136	
Endosulfan I	153	7.7 U	156	102	60-138	
Dieldrin	153	7.7 U	159	104	55-128	
4,4'-DDE	153	7.7 U	158	103	58-150	
Endrin	153	7.7 U	154	100	61-150	
Endosulfan II	153	7.7 U	148	96	59-133	
4,4'-DDD	153	7.7 U	152	99	63-150	
Endosulfan sulfate	153	7.7 U	134	87	56-133	
4,4'-DDT	153	7.7 U	126	82	57-150	
Methoxychlor	153	7.7 U	91.6	60	42-150	
Endrin ketone	153	7.7 U	139	91	62-139	
Endrin aldehyde	153	7.7 U	47.7	31	55-122	F
alpha-Chlordane	153	7.7 U	156	101	49-143	
gamma-Chlordane	153	7.7 U	152	99	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125130.d
 Lab ID: 460-31736-C-18-D MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	150	7.6 U	118	78	58-138	
beta-BHC	150	7.6 U	114	76	60-139	
delta-BHC	150	7.6 U	122	81	60-141	
gamma-BHC (Lindane)	150	7.6 U	120	80	58-136	
Heptachlor	150	7.6 U	117	78	58-137	
Aldrin	150	7.6 U	120	80	58-143	
Heptachlor epoxide	150	7.6 U	116	77	59-136	
Endosulfan I	150	7.6 U	113	75	60-138	
Dieldrin	150	7.6 U	114	76	55-128	
4,4'-DDE	150	7.6 U	114	76	58-150	
Endrin	150	7.6 U	113	75	61-150	
Endosulfan II	150	7.6 U	110	73	59-133	
4,4'-DDD	150	7.6 U	116	77	63-150	
Endosulfan sulfate	150	7.6 U	106	71	56-133	
4,4'-DDT	150	7.6 U	104	69	57-150	
Methoxychlor	150	7.6 U	102	68	42-150	
Endrin ketone	150	7.6 U	117	78	62-139	
Endrin aldehyde	150	7.6 U	95.7	64	55-122	
alpha-Chlordane	150	7.6 U	111	74	49-143	
gamma-Chlordane	150	7.6 U	114	76	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125130.d
 Lab ID: 460-31736-C-18-D MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
alpha-BHC	150	7.6 U	114	76	58-138	
beta-BHC	150	7.6 U	116	77	60-139	
delta-BHC	150	7.6 U	116	77	60-141	
gamma-BHC (Lindane)	150	7.6 U	116	77	58-136	
Heptachlor	150	7.6 U	113	75	58-137	
Aldrin	150	7.6 U	120	80	58-143	
Heptachlor epoxide	150	7.6 U	128	85	59-136	
Endosulfan I	150	7.6 U	127	84	60-138	
Dieldrin	150	7.6 U	133	88	55-128	
4,4'-DDE	150	7.6 U	129	86	58-150	
Endrin	150	7.6 U	128	85	61-150	
Endosulfan II	150	7.6 U	127	85	59-133	
4,4'-DDD	150	7.6 U	135	90	63-150	
Endosulfan sulfate	150	7.6 U	106	71	56-133	
4,4'-DDT	150	7.6 U	114	76	57-150	
Methoxychlor	150	7.6 U	106	70	42-150	
Endrin ketone	150	7.6 U	118	79	62-139	
Endrin aldehyde	150	7.6 U	105	70	55-122	
alpha-Chlordane	150	7.6 U	101	67	49-143	
gamma-Chlordane	150	7.6 U	117	78	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WF693661.D
 Lab ID: 460-31552-5 MSD Client ID: SO-17338-092111-MM-043 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	154	147	96	10	30	58-138	
beta-BHC	154	99.8	65	3	30	60-139	
delta-BHC	154	115	74	2	30	60-141	
gamma-BHC (Lindane)	154	146	95	10	30	58-136	
Heptachlor	154	104	68	10	30	58-137	
Aldrin	154	141	92	9	30	58-143	
Heptachlor epoxide	154	138	90	9	30	59-136	
Endosulfan I	154	138	90	10	30	60-138	
Dieldrin	154	140	91	10	30	55-128	
4,4'-DDE	154	141	92	10	30	58-150	
Endrin	154	136	88	10	30	61-150	
Endosulfan II	154	131	85	9	30	59-133	
4,4'-DDD	154	136	88	8	30	63-150	
Endosulfan sulfate	154	119	77	8	30	56-133	
4,4'-DDT	154	117	76	2	30	57-150	
Methoxychlor	154	101	65	1	30	42-150	
Endrin ketone	154	124	80	8	30	62-139	
Endrin aldehyde	154	49.1	32	6	30	55-122	F
alpha-Chlordane	154	139	90	9	30	49-143	
gamma-Chlordane	154	139	91	9	30	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: WR693661.D
 Lab ID: 460-31552-5 MSD Client ID: SO-17338-092111-MM-043 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	154	147	95	9	30	58-138	
beta-BHC	154	102	67	4	30	60-139	
delta-BHC	154	113	73	1	30	60-141	
gamma-BHC (Lindane)	154	147	95	9	30	58-136	
Heptachlor	154	108	70	3	30	58-137	
Aldrin	154	147	96	11	30	58-143	
Heptachlor epoxide	154	142	93	9	30	59-136	
Endosulfan I	154	142	92	9	30	60-138	
Dieldrin	154	145	94	9	30	55-128	
4,4'-DDE	154	145	94	9	30	58-150	
Endrin	154	140	91	9	30	61-150	
Endosulfan II	154	135	88	9	30	59-133	
4,4'-DDD	154	138	90	9	30	63-150	
Endosulfan sulfate	154	123	80	8	30	56-133	
4,4'-DDT	154	120	78	5	30	57-150	
Methoxychlor	154	92.1	60	1	30	42-150	
Endrin ketone	154	129	84	8	30	62-139	
Endrin aldehyde	154	51.2	33	7	30	55-122	F
alpha-Chlordane	154	141	92	10	30	49-143	
gamma-Chlordane	154	139	90	9	30	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xf125131.d
 Lab ID: 460-31736-C-18-E MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	150	107	71	9	30	58-138	
beta-BHC	150	105	70	8	30	60-139	
delta-BHC	150	111	74	10	30	60-141	
gamma-BHC (Lindane)	150	110	73	9	30	58-136	
Heptachlor	150	108	72	8	30	58-137	
Aldrin	150	111	74	8	30	58-143	
Heptachlor epoxide	150	106	71	9	30	59-136	
Endosulfan I	150	106	71	6	30	60-138	
Dieldrin	150	105	70	8	30	55-128	
4,4'-DDE	150	107	71	7	30	58-150	
Endrin	150	105	70	7	30	61-150	
Endosulfan II	150	103	69	7	30	59-133	
4,4'-DDD	150	107	71	8	30	63-150	
Endosulfan sulfate	150	94.4	63	12	30	56-133	
4,4'-DDT	150	95.2	63	8	30	57-150	
Methoxychlor	150	97.7	65	8	30	42-150	
Endrin ketone	150	106	70	11	30	62-139	
Endrin aldehyde	150	87.5	58	9	30	55-122	
alpha-Chlordane	150	103	69	8	30	49-143	
gamma-Chlordane	150	106	71	7	30	45-147	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: xr125131.d
 Lab ID: 460-31736-C-18-E MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	150	106	71	7	30	58-138	
beta-BHC	150	108	72	7	30	60-139	
delta-BHC	150	108	72	7	30	60-141	
gamma-BHC (Lindane)	150	107	71	8	30	58-136	
Heptachlor	150	105	70	7	30	58-137	
Aldrin	150	111	74	8	30	58-143	
Heptachlor epoxide	150	118	78	8	30	59-136	
Endosulfan I	150	117	78	8	30	60-138	
Dieldrin	150	122	81	8	30	55-128	
4,4'-DDE	150	119	79	8	30	58-150	
Endrin	150	119	79	7	30	61-150	
Endosulfan II	150	118	78	8	30	59-133	
4,4'-DDD	150	124	83	9	30	63-150	
Endosulfan sulfate	150	96.5	64	10	30	56-133	
4,4'-DDT	150	109	72	5	30	57-150	
Methoxychlor	150	97.1	65	5	30	42-150	
Endrin ketone	150	106	70	10	30	62-139	
Endrin aldehyde	150	96.0	64	9	30	55-122	
alpha-Chlordane	150	93.7	62	8	30	49-143	
gamma-Chlordane	150	108	72	8	30	45-147	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: MB 460-87369/1-A
 Matrix: Solid Date Extracted: 09/27/2011 05:25
 Lab File ID: (1) WR693663.D Lab File ID: (2) WF693663.D
 Date Analyzed: (1) 09/27/2011 10:11 Date Analyzed: (2) 09/27/2011 10:11
 Instrument ID: (1) PESTGC4 Instrument ID: (2) PESTGC4
 GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
SO-17338-092111-MM-043	460-31552-5	09/27/2011 09:13	09/27/2011 09:13
SO-17338-092111-MM-043 MS	460-31552-5 MS	09/27/2011 09:27	09/27/2011 09:27
SO-17338-092111-MM-043 MSD	460-31552-5 MSD	09/27/2011 09:44	09/27/2011 09:44
	LCS 460-87369/2-A	09/27/2011 09:58	09/27/2011 09:58

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: MB 460-88124/1-A
Matrix: Solid Date Extracted: 10/04/2011 04:38
Lab File ID: (1) xr125137.d Lab File ID: (2) xf125137.d
Date Analyzed: (1) 10/06/2011 15:23 Date Analyzed: (2) 10/06/2011 15:23
Instrument ID: (1) PESTGC1 Instrument ID: (2) PESTGC1
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE	
		ANALYZED 1	ANALYZED 2
	LCS 460-88124/2-A	10/06/2011 13:33	10/06/2011 13:33
	460-31736-C-18-D MS	10/06/2011 13:46	10/06/2011 13:46
	460-31736-C-18-E MSD	10/06/2011 14:00	10/06/2011 14:00
SO-17338-092111-MM-042	460-31552-4	10/06/2011 15:09	10/06/2011 15:09

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-88872/2 Date Analyzed: 10/06/2011 10:33
 Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): xf125118.d Heated Purge: (Y/N) N
 Calibration ID: 12591

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.59	10.75	
UPPER LIMIT				2.64	10.85	
LOWER LIMIT				2.54	10.65	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-88872/1		10/06/2011 10:07	xf125117.d	2.61	10.76	
CCVRT 460-88872/2		10/06/2011 10:33	xf125118.d	2.59	10.75	
LCS 460-88124/2-A		10/06/2011 13:33	xf125129.d	2.60	10.75	
460-31736-C-18-D MS		10/06/2011 13:46	xf125130.d	2.60	10.75	
460-31736-C-18-E MSD		10/06/2011 14:00	xf125131.d	2.60	10.75	
460-31552-4	SO-17338-092111-MM-04 2	10/06/2011 15:09	xf125136.d	2.60	10.76	
MB 460-88124/1-A		10/06/2011 15:23	xf125137.d	2.60	10.75	
PIBLK 460-88872/22		10/06/2011 15:36	xf125138.d	2.60	10.75	
CCV 460-88872/23		10/06/2011 15:50	xf125139.d	2.59	10.75	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
 DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-88872/2 Date Analyzed: 10/06/2011 10:33
 Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): xr125118.d Heated Purge: (Y/N) N
 Calibration ID: 12590

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				1.93	9.38	
UPPER LIMIT				1.98	9.48	
LOWER LIMIT				1.88	9.28	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-88872/1		10/06/2011 10:07	xr125117.d	1.91	9.38	
CCVRT 460-88872/2		10/06/2011 10:33	xr125118.d	1.93	9.38	
LCS 460-88124/2-A		10/06/2011 13:33	xr125129.d	1.93	9.38	
460-31736-C-18-D MS		10/06/2011 13:46	xr125130.d	1.93	9.38	
460-31736-C-18-E MSD		10/06/2011 14:00	xr125131.d	1.93	9.38	
460-31552-4	SO-17338-092111-MM-04 2	10/06/2011 15:09	xr125136.d	1.93	9.38	
MB 460-88124/1-A		10/06/2011 15:23	xr125137.d	1.93	9.38	
PIBLK 460-88872/22		10/06/2011 15:36	xr125138.d	1.93	9.38	
CCV 460-88872/23		10/06/2011 15:50	xr125139.d	1.93	9.38	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = $\pm$ 0.05 minutes of surrogate RT
 DCB RT Limit = $\pm$ 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-87399/2 Date Analyzed: 09/27/2011 07:30
 Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): WF693655.D Heated Purge: (Y/N) N
 Calibration ID: 12397

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.61	10.09	
UPPER LIMIT				2.66	10.19	
LOWER LIMIT				2.56	9.99	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-87399/1		09/27/2011 07:16	WF693654.D	2.61	10.09	
PIBLK 460-87399/1		09/27/2011 07:16	WR693654.D	2.61	10.09	
CCVRT 460-87399/2		09/27/2011 07:30	WF693655.D	2.61	10.09	
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 09:13	WF693659.D	2.61	10.09	
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 09:27	WF693660.D	2.64	10.10	
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 09:44	WF693661.D	2.61	10.09	
LCS 460-87369/2-A		09/27/2011 09:58	WF693662.D	2.61	10.09	
MB 460-87369/1-A		09/27/2011 10:11	WF693663.D	2.60	10.09	
PIBLK 460-87399/11		09/27/2011 10:25	WF693664.D	2.61	10.09	
CCV 460-87399/12		09/27/2011 10:39	WF693665.D	2.61	10.09	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
 DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-87399/2 Date Analyzed: 09/27/2011 07:30
 Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): WR693655.D Heated Purge: (Y/N) N
 Calibration ID: 12398

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

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				2.08	9.13	
UPPER LIMIT				2.13	9.23	
LOWER LIMIT				2.03	9.03	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-87399/2		09/27/2011 07:30	WR693655.D	2.08	9.13	
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 09:13	WR693659.D	2.08	9.13	
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 09:27	WR693660.D	2.08	9.13	
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 09:44	WR693661.D	2.08	9.13	
LCS 460-87369/2-A		09/27/2011 09:58	WR693662.D	2.08	9.13	
MB 460-87369/1-A		09/27/2011 10:11	WR693663.D	2.08	9.13	
PIBLK 460-87399/11		09/27/2011 10:25	WR693664.D	2.07	9.13	
CCV 460-87399/12		09/27/2011 10:39	WR693665.D	2.08	9.13	

TCX = Tetrachloro-m-xylene
 DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.05 minutes of surrogate RT
 DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 MS Lab Sample ID: 460-31552-5 MS
 Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4
 Date Analyzed (1): 09/27/2011 09:27 Date Analyzed (2): 09/27/2011 09:27
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.76	2.71	2.81	161		1.0
	2		3.95	3.85	3.95	162		
gamma-BHC (Lindane)	1		3.38	3.33	3.43	161		0.1
	2		4.73	4.63	4.73	160		
beta-BHC	1		3.55	3.50	3.60	98.8		2.0
	2		4.89	4.79	4.89	96.9		
delta-BHC	1		3.91	3.85	3.95	114		2.5
	2		5.54	5.44	5.54	117		
Heptachlor	1		4.33	4.27	4.37	105		10.5
	2		5.72	5.62	5.72	94.1		
Aldrin	1		4.93	4.87	4.97	164		5.6
	2		6.33	6.25	6.35	155		
Heptachlor epoxide	1		6.14	6.06	6.20	156		2.6
	2		6.96	6.87	7.01	152		
gamma-Chlordane	1		6.31	6.23	6.37	152		0.9
	2		7.15	7.06	7.20	153		
alpha-Chlordane	1		6.47	6.39	6.53	156		2.2
	2		7.30	7.22	7.36	152		
4,4'-DDE	1		6.54	6.47	6.61	158		1.2
	2		7.45	7.36	7.50	156		
Endosulfan I	1		6.62	6.54	6.68	156		2.4
	2		7.37	7.29	7.43	153		
Dieldrin	1		6.86	6.78	6.92	159		2.4
	2		7.67	7.58	7.72	155		
Endrin	1		7.08	7.01	7.15	154		1.8
	2		8.01	7.93	8.07	151		
4,4'-DDD	1		7.13	7.05	7.19	152		3.3
	2		8.08	8.00	8.14	147		
Endosulfan II	1		7.31	7.23	7.37	148		2.8
	2		8.23	8.15	8.29	144		
4,4'-DDT	1		7.41	7.34	7.48	126		5.1
	2		8.39	8.31	8.45	120		
Endrin aldehyde	1		7.74	7.66	7.80	47.7		3.5
	2		8.52	8.44	8.58	46.1		
Methoxychlor	1		7.90	7.83	7.97	91.6		8.8
	2		8.88	8.80	8.94	100		
Endosulfan sulfate	1		8.20	8.13	8.27	134		3.5
	2		8.71	8.64	8.78	129		
Endrin ketone	1		8.45	8.37	8.51	139		4.0
	2		9.10	9.02	9.16	134		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5 MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 09/27/2011 09:44 Date Analyzed (2): 09/27/2011 09:44

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.76	2.71	2.81	147		0.3
	2		3.91	3.85	3.95	147		
gamma-BHC (Lindane)	1		3.38	3.33	3.43	147		0.9
	2		4.68	4.63	4.73	146		
beta-BHC	1		3.55	3.50	3.60	102		2.6
	2		4.84	4.79	4.89	99.8		
delta-BHC	1		3.90	3.85	3.95	113		1.7
	2		5.49	5.44	5.54	115		
Heptachlor	1		4.32	4.27	4.37	108		3.5
	2		5.67	5.62	5.72	104		
Aldrin	1		4.92	4.87	4.97	147		4.4
	2		6.30	6.25	6.35	141		
Heptachlor epoxide	1		6.13	6.06	6.20	142		3.1
	2		6.94	6.87	7.01	138		
gamma-Chlordane	1		6.30	6.23	6.37	139		0.4
	2		7.13	7.06	7.20	139		
alpha-Chlordane	1		6.46	6.39	6.53	141		1.7
	2		7.29	7.22	7.36	139		
4,4'-DDE	1		6.54	6.47	6.61	145		2.6
	2		7.43	7.36	7.50	141		
Endosulfan I	1		6.61	6.54	6.68	142		2.9
	2		7.36	7.29	7.43	138		
Dieldrin	1		6.85	6.78	6.92	145		3.2
	2		7.65	7.58	7.72	140		
Endrin	1		7.08	7.01	7.15	140		3.2
	2		8.00	7.93	8.07	136		
4,4'-DDD	1		7.13	7.05	7.19	138		1.8
	2		8.07	8.00	8.14	136		
Endosulfan II	1		7.30	7.23	7.37	135		2.7
	2		8.22	8.15	8.29	131		
4,4'-DDT	1		7.41	7.34	7.48	120		2.4
	2		8.38	8.31	8.45	117		
Endrin aldehyde	1		7.73	7.66	7.80	51.2		4.2
	2		8.51	8.44	8.58	49.1		
Methoxychlor	1		7.90	7.83	7.97	92.1		8.9
	2		8.87	8.80	8.94	101		
Endosulfan sulfate	1		8.20	8.13	8.27	123		3.6
	2		8.71	8.64	8.78	119		
Endrin ketone	1		8.44	8.37	8.51	129		3.8
	2		9.09	9.02	9.16	124		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87369/2-A
 Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4
 Date Analyzed (1): 09/27/2011 09:58 Date Analyzed (2): 09/27/2011 09:58
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.76	2.71	2.81	135		0.1
	2		3.90	3.85	3.95	135		
gamma-BHC (Lindane)	1		3.37	3.33	3.43	136		0.8
	2		4.68	4.63	4.73	135		
beta-BHC	1		3.54	3.50	3.60	142		10.1
	2		4.84	4.79	4.89	129		
delta-BHC	1		3.90	3.85	3.95	141		0.4
	2		5.49	5.44	5.54	141		
Heptachlor	1		4.32	4.27	4.37	103		0.0
	2		5.67	5.62	5.72	103		
Aldrin	1		4.92	4.87	4.97	135		2.8
	2		6.30	6.25	6.35	132		
Heptachlor epoxide	1		6.13	6.06	6.20	132		2.7
	2		6.94	6.87	7.01	129		
gamma-Chlordane	1		6.30	6.23	6.37	129		0.7
	2		7.13	7.06	7.20	130		
alpha-Chlordane	1		6.46	6.39	6.53	131		1.4
	2		7.29	7.22	7.36	130		
4,4'-DDE	1		6.54	6.47	6.61	135		2.4
	2		7.43	7.36	7.50	131		
Endosulfan I	1		6.61	6.54	6.68	132		2.6
	2		7.36	7.29	7.43	129		
Dieldrin	1		6.85	6.78	6.92	134		2.2
	2		7.65	7.58	7.72	132		
Endrin	1		7.08	7.01	7.15	132		3.1
	2		8.00	7.93	8.07	128		
4,4'-DDD	1		7.12	7.05	7.19	127		1.2
	2		8.07	8.00	8.14	129		
Endosulfan II	1		7.30	7.23	7.37	131		2.0
	2		8.22	8.15	8.29	128		
4,4'-DDT	1		7.40	7.34	7.48	115		0.3
	2		8.38	8.31	8.45	114		
Endrin aldehyde	1		7.73	7.66	7.80	110		5.4
	2		8.51	8.44	8.58	104		
Methoxychlor	1		7.90	7.83	7.97	90.2		11.3
	2		8.87	8.80	8.94	101		
Endosulfan sulfate	1		8.20	8.13	8.27	128		2.4
	2		8.71	8.64	8.78	125		
Endrin ketone	1		8.44	8.37	8.51	126		3.2
	2		9.09	9.02	9.16	122		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-88124/2-A

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/06/2011 13:33 Date Analyzed (2): 10/06/2011 13:33

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.32	2.26	2.36	115		1.8
	2		3.18	3.13	3.23	117		
gamma-BHC (Lindane)	1		2.54	2.49	2.59	115		3.6
	2		3.68	3.63	3.73	119		
beta-BHC	1		2.60	2.55	2.65	119		5.7
	2		3.84	3.79	3.89	113		
delta-BHC	1		2.73	2.68	2.78	117		2.5
	2		4.62	4.56	4.66	120		
Heptachlor	1		2.90	2.84	2.94	113		0.6
	2		4.82	4.77	4.87	113		
Aldrin	1		3.16	3.11	3.21	117		1.3
	2		5.73	5.68	5.78	115		
Heptachlor epoxide	1		4.03	3.96	4.10	125		12.0
	2		7.15	7.08	7.22	111		
gamma-Chlordane	1		4.33	4.25	4.39	115		6.2
	2		7.46	7.39	7.53	108		
alpha-Chlordane	1		4.63	4.56	4.70	98.0		7.1
	2		7.65	7.58	7.72	105		
4,4'-DDE	1		4.84	4.77	4.91	123		12.7
	2		7.83	7.75	7.89	109		
Endosulfan I	1		4.95	4.88	5.02	124		12.6
	2		7.73	7.66	7.80	110		
Dieldrin	1		5.55	5.47	5.61	126		14.6
	2		8.05	7.98	8.12	109		
Endrin	1		6.14	6.06	6.20	123		14.8
	2		8.42	8.35	8.49	106		
4,4'-DDD	1		6.33	6.26	6.40	129		17.1
	2		8.51	8.44	8.58	109		
Endosulfan II	1		6.67	6.60	6.74	122		12.4
	2		8.67	8.60	8.74	108		
4,4'-DDT	1		6.98	6.91	7.05	109		9.2
	2		8.89	8.82	8.96	99.8		
Endrin aldehyde	1		7.44	7.37	7.51	100		8.8
	2		9.07	9.00	9.14	91.8		
Methoxychlor	1		7.69	7.62	7.76	98.6		0.1
	2		9.57	9.50	9.64	98.8		
Endosulfan sulfate	1		7.94	7.87	8.01	102		1.4
	2		9.37	9.30	9.44	104		
Endrin ketone	1		8.25	8.18	8.32	107		4.4
	2		9.80	9.73	9.87	112		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-D MS

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/06/2011 13:46 Date Analyzed (2): 10/06/2011 13:46

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.32	2.26	2.36	114		3.3
	2		3.18	3.13	3.23	118		
gamma-BHC (Lindane)	1		2.54	2.49	2.59	116		3.8
	2		3.68	3.63	3.73	120		
beta-BHC	1		2.60	2.55	2.65	116		1.3
	2		3.84	3.79	3.89	114		
delta-BHC	1		2.73	2.68	2.78	116		5.2
	2		4.62	4.56	4.66	122		
Heptachlor	1		2.90	2.84	2.94	113		3.8
	2		4.82	4.77	4.87	117		
Aldrin	1		3.16	3.11	3.21	120		0.0
	2		5.73	5.68	5.78	120		
Heptachlor epoxide	1		4.03	3.96	4.10	128		9.5
	2		7.15	7.08	7.22	116		
gamma-Chlordane	1		4.32	4.25	4.39	117		2.3
	2		7.46	7.39	7.53	114		
alpha-Chlordane	1		4.63	4.56	4.70	101		9.8
	2		7.65	7.58	7.72	111		
4,4'-DDE	1		4.84	4.77	4.91	129		12.3
	2		7.82	7.75	7.89	114		
Endosulfan I	1		4.95	4.88	5.02	127		11.7
	2		7.73	7.66	7.80	113		
Dieldrin	1		5.54	5.47	5.61	133		15.4
	2		8.05	7.98	8.12	114		
Endrin	1		6.13	6.06	6.20	128		12.6
	2		8.42	8.35	8.49	113		
4,4'-DDD	1		6.33	6.26	6.40	135		15.5
	2		8.51	8.44	8.58	116		
Endosulfan II	1		6.67	6.60	6.74	127		14.5
	2		8.67	8.60	8.74	110		
4,4'-DDT	1		6.98	6.91	7.05	114		9.8
	2		8.89	8.82	8.96	104		
Endrin aldehyde	1		7.44	7.37	7.51	105		9.5
	2		9.07	9.00	9.14	95.7		
Methoxychlor	1		7.69	7.62	7.76	106		3.4
	2		9.57	9.50	9.64	102		
Endosulfan sulfate	1		7.94	7.87	8.01	106		0.2
	2		9.37	9.30	9.44	106		
Endrin ketone	1		8.25	8.18	8.32	118		1.6
	2		9.80	9.73	9.87	117		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-E MSD

Instrument ID (1): PESTGC1 Instrument ID (2): PESTGC1

Date Analyzed (1): 10/06/2011 14:00 Date Analyzed (2): 10/06/2011 14:00

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

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		2.32	2.26	2.36	106		1.2
	2		3.18	3.13	3.23	107		
gamma-BHC (Lindane)	1		2.54	2.49	2.59	107		2.1
	2		3.68	3.63	3.73	110		
beta-BHC	1		2.60	2.55	2.65	108		2.9
	2		3.84	3.79	3.89	105		
delta-BHC	1		2.73	2.68	2.78	108		2.5
	2		4.61	4.56	4.66	111		
Heptachlor	1		2.90	2.84	2.94	105		2.3
	2		4.82	4.77	4.87	108		
Aldrin	1		3.16	3.11	3.21	111		0.4
	2		5.73	5.68	5.78	111		
Heptachlor epoxide	1		4.03	3.96	4.10	118		10.4
	2		7.15	7.08	7.22	106		
gamma-Chlordane	1		4.32	4.25	4.39	108		2.0
	2		7.46	7.39	7.53	106		
alpha-Chlordane	1		4.63	4.56	4.70	93.7		9.8
	2		7.65	7.58	7.72	103		
4,4'-DDE	1		4.84	4.77	4.91	119		10.7
	2		7.82	7.75	7.89	107		
Endosulfan I	1		4.95	4.88	5.02	117		9.9
	2		7.73	7.66	7.80	106		
Dieldrin	1		5.54	5.47	5.61	122		14.9
	2		8.05	7.98	8.12	105		
Endrin	1		6.13	6.06	6.20	119		12.4
	2		8.42	8.35	8.49	105		
4,4'-DDD	1		6.33	6.26	6.40	124		14.8
	2		8.51	8.44	8.58	107		
Endosulfan II	1		6.67	6.60	6.74	118		13.3
	2		8.67	8.60	8.74	103		
4,4'-DDT	1		6.98	6.91	7.05	109		13.1
	2		8.89	8.82	8.96	95.2		
Endrin aldehyde	1		7.44	7.37	7.51	96.0		9.3
	2		9.07	9.00	9.14	87.5		
Methoxychlor	1		7.69	7.62	7.76	97.1		0.6
	2		9.57	9.50	9.64	97.7		
Endosulfan sulfate	1		7.94	7.87	8.01	96.5		2.2
	2		9.37	9.30	9.44	94.4		
Endrin ketone	1		8.25	8.18	8.32	106		0.2
	2		9.80	9.73	9.87	106		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
Matrix: Solid Lab File ID: xf125136.d
Analysis Method: 8081A Date Collected: 09/21/2011 11:05
Extraction Method: 3541 Date Extracted: 10/04/2011 10:31
Sample wt/vol: 15.00(g) Date Analyzed: 10/06/2011 15:09
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 12.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 88872 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	82		53-150
877-09-8	Tetrachloro-m-xylene	69		40-150

Data File: xf125136.d

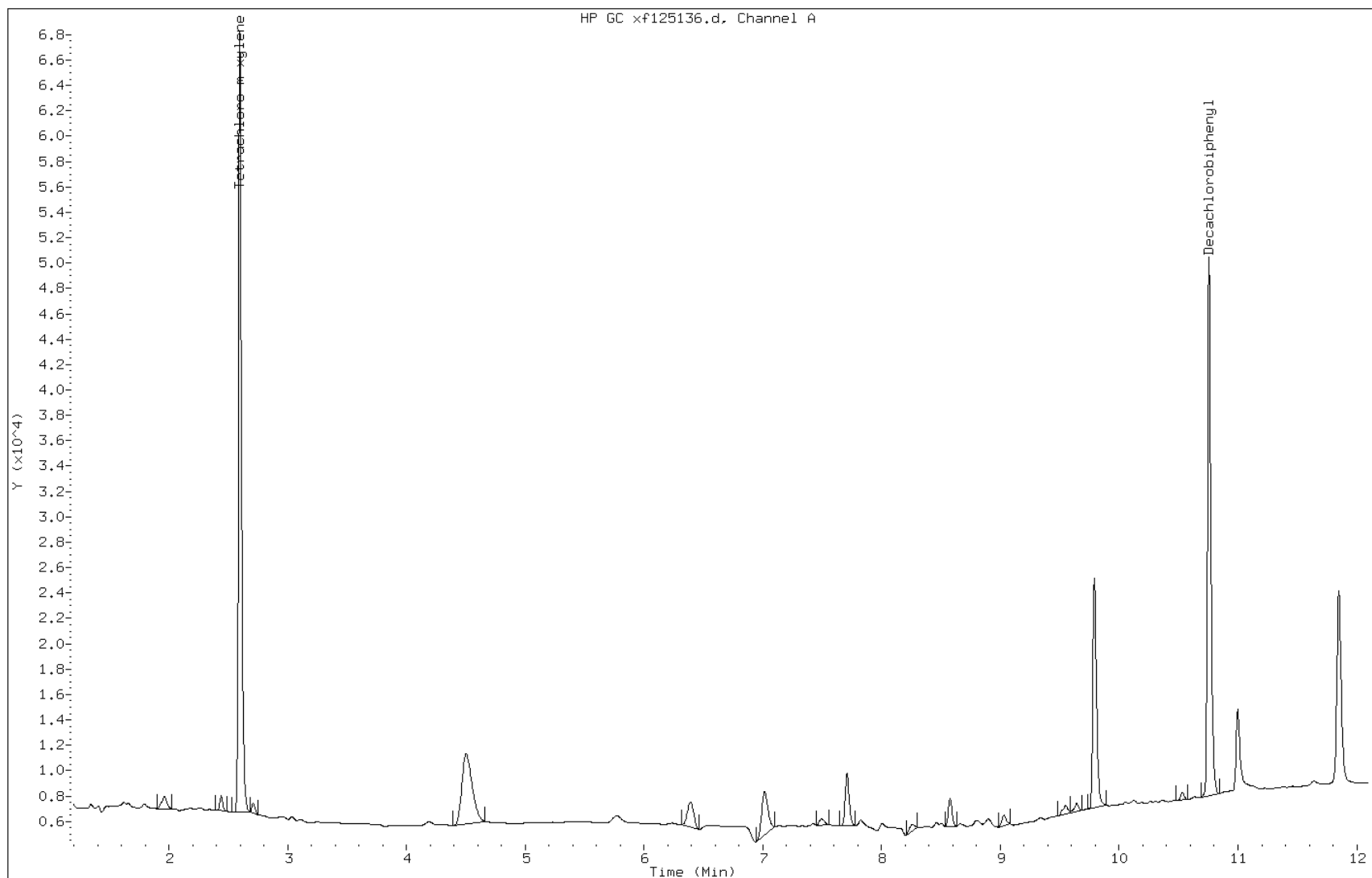
Date: 06-OCT-2011 15:09

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-31552-d-4-c

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
 Matrix: Solid Lab File ID: xr125136.d
 Analysis Method: 8081A Date Collected: 09/21/2011 11:05
 Extraction Method: 3541 Date Extracted: 10/04/2011 10:31
 Sample wt/vol: 15.00(g) Date Analyzed: 10/06/2011 15:09
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88872 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	7.7	U	7.7	1.4
319-85-7	beta-BHC	7.7	U	7.7	1.0
319-86-8	delta-BHC	7.7	U	7.7	1.2
58-89-9	gamma-BHC (Lindane)	7.7	U	7.7	0.89
76-44-8	Heptachlor	7.7	U	7.7	1.1
309-00-2	Aldrin	7.7	U	7.7	1.7
1024-57-3	Heptachlor epoxide	7.7	U	7.7	1.5
959-98-8	Endosulfan I	7.7	U	7.7	1.6
60-57-1	Dieldrin	7.7	U	7.7	1.5
72-55-9	4,4'-DDE	7.7	U	7.7	1.5
72-20-8	Endrin	7.7	U	7.7	1.1
33213-65-9	Endosulfan II	7.7	U	7.7	1.2
72-54-8	4,4'-DDD	7.7	U	7.7	0.91
1031-07-8	Endosulfan sulfate	7.7	U	7.7	0.98
50-29-3	4,4'-DDT	7.7	U	7.7	0.96
72-43-5	Methoxychlor	7.7	U	7.7	0.86
53494-70-5	Endrin ketone	7.7	U	7.7	1.1
7421-93-4	Endrin aldehyde	7.7	U	7.7	1.9
5103-71-9	alpha-Chlordane	7.7	U	7.7	1.6
5103-74-2	gamma-Chlordane	7.7	U	7.7	1.6
8001-35-2	Toxaphene	7.7	U	7.7	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	92		53-150
877-09-8	Tetrachloro-m-xylene	78		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125136.d
Lab Smp Id: 460-31552-d-4-c
Inj Date : 06-OCT-2011 15:09
Operator : Inst ID: PESTGC1.i
Smp Info : 460-31552-d-4-c
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
1.930	1.927	0.003	226891	38.7592	26	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.380	9.380	0.000	206212	45.9168	31	80.00- 120.00	100.00		

Data File: xr125136.d

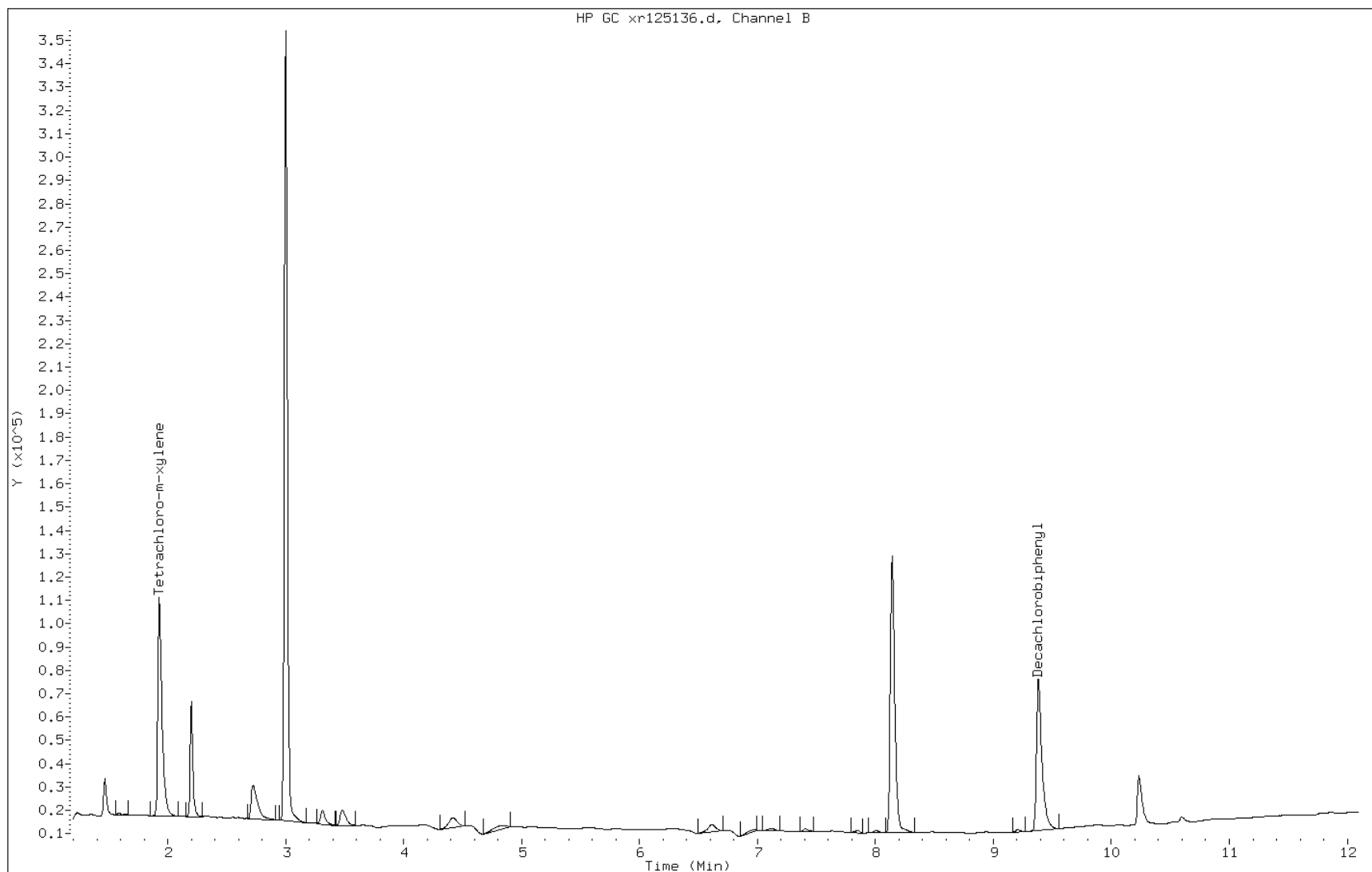
Date: 06-OCT-2011 15:09

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-31552-d-4-c

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5
Matrix: Solid Lab File ID: WF693659.D
Analysis Method: 8081A Date Collected: 09/21/2011 11:20
Extraction Method: 3541 Date Extracted: 09/27/2011 05:25
Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 09:13
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 13.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87399 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150
877-09-8	Tetrachloro-m-xylene	105		40-150

Data File: WF693659.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693659.D
Lab Smp Id: 460-31552-D-5-F Client Smp ID: SO-17338-092111-MM-
Inj Date : 27-SEP-2011 09:13
Operator : Inst ID: PESTGC4.i
Smp Info : 460-31552-D-5-F
Misc Info : 460-31552-D-5-F
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WF693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.610	2.607	0.003	165849	52.3307	35	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.093	10.093	0.000	106706	51.7193	34	80.00- 120.00	100.00		

Data File: WF693659.D

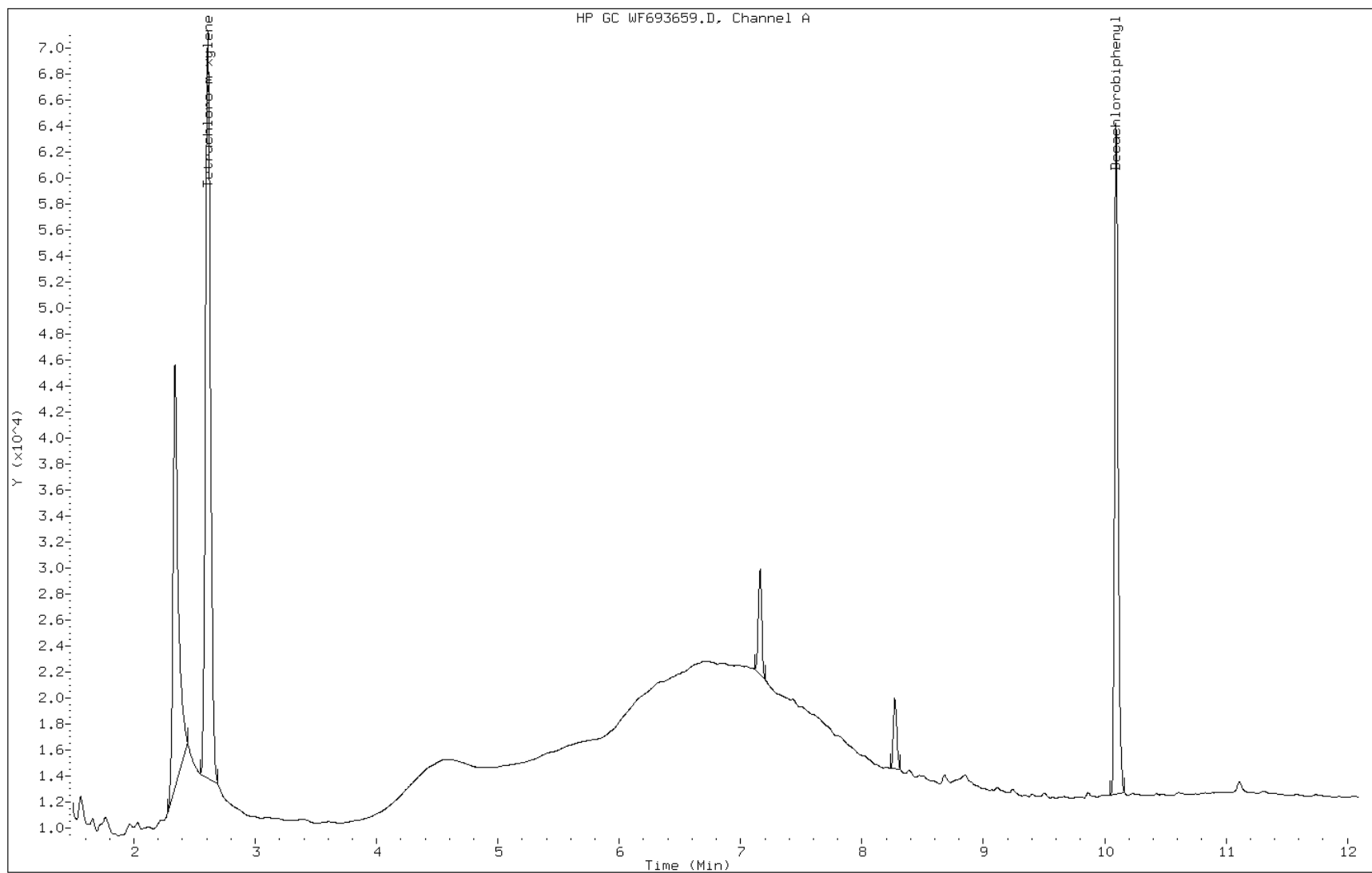
Date: 27-SEP-2011 09:13

Client ID: S0-17338-092111-MM-

Instrument: PESTGC4.i

Sample Info: 460-31552-D-5-F

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-092111-MM-043</u>	Lab Sample ID: <u>460-31552-5</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WR693659.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/21/2011 11:20</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/27/2011 05:25</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/27/2011 09:13</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>13.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87399</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	7.7	U	7.7	1.4
319-85-7	beta-BHC	7.7	U	7.7	1.1
319-86-8	delta-BHC	7.7	U	7.7	1.2
58-89-9	gamma-BHC (Lindane)	7.7	U	7.7	0.90
76-44-8	Heptachlor	7.7	U	7.7	1.1
309-00-2	Aldrin	7.7	U	7.7	1.7
1024-57-3	Heptachlor epoxide	7.7	U	7.7	1.6
959-98-8	Endosulfan I	7.7	U	7.7	1.6
60-57-1	Dieldrin	7.7	U	7.7	1.5
72-55-9	4,4'-DDE	7.7	U	7.7	1.5
72-20-8	Endrin	7.7	U	7.7	1.1
33213-65-9	Endosulfan II	7.7	U	7.7	1.2
72-54-8	4,4'-DDD	7.7	U	7.7	0.92
1031-07-8	Endosulfan sulfate	7.7	U	7.7	0.99
50-29-3	4,4'-DDT	7.7	U	7.7	0.97
72-43-5	Methoxychlor	7.7	U	7.7	0.87
53494-70-5	Endrin ketone	7.7	U	7.7	1.1
7421-93-4	Endrin aldehyde	7.7	U	7.7	1.9
5103-71-9	alpha-Chlordane	7.7	U	7.7	1.6
5103-74-2	gamma-Chlordane	7.7	U	7.7	1.6
8001-35-2	Toxaphene	7.7	U	7.7	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		53-150
877-09-8	Tetrachloro-m-xylene	106		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693659.D
Lab Smp Id: 460-31552-D-5-F Client Smp ID: SO-17338-092111-MM-
Inj Date : 27-SEP-2011 09:13
Operator : Inst ID: PESTGC4.i
Smp Info : 460-31552-D-5-F
Misc Info : 460-31552-D-5-F
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.077	2.077	0.000	140208 53.2277	35	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.133	9.133	0.000	121728 51.6361	34	80.00- 120.00	100.00			

Data File: WR693659.D

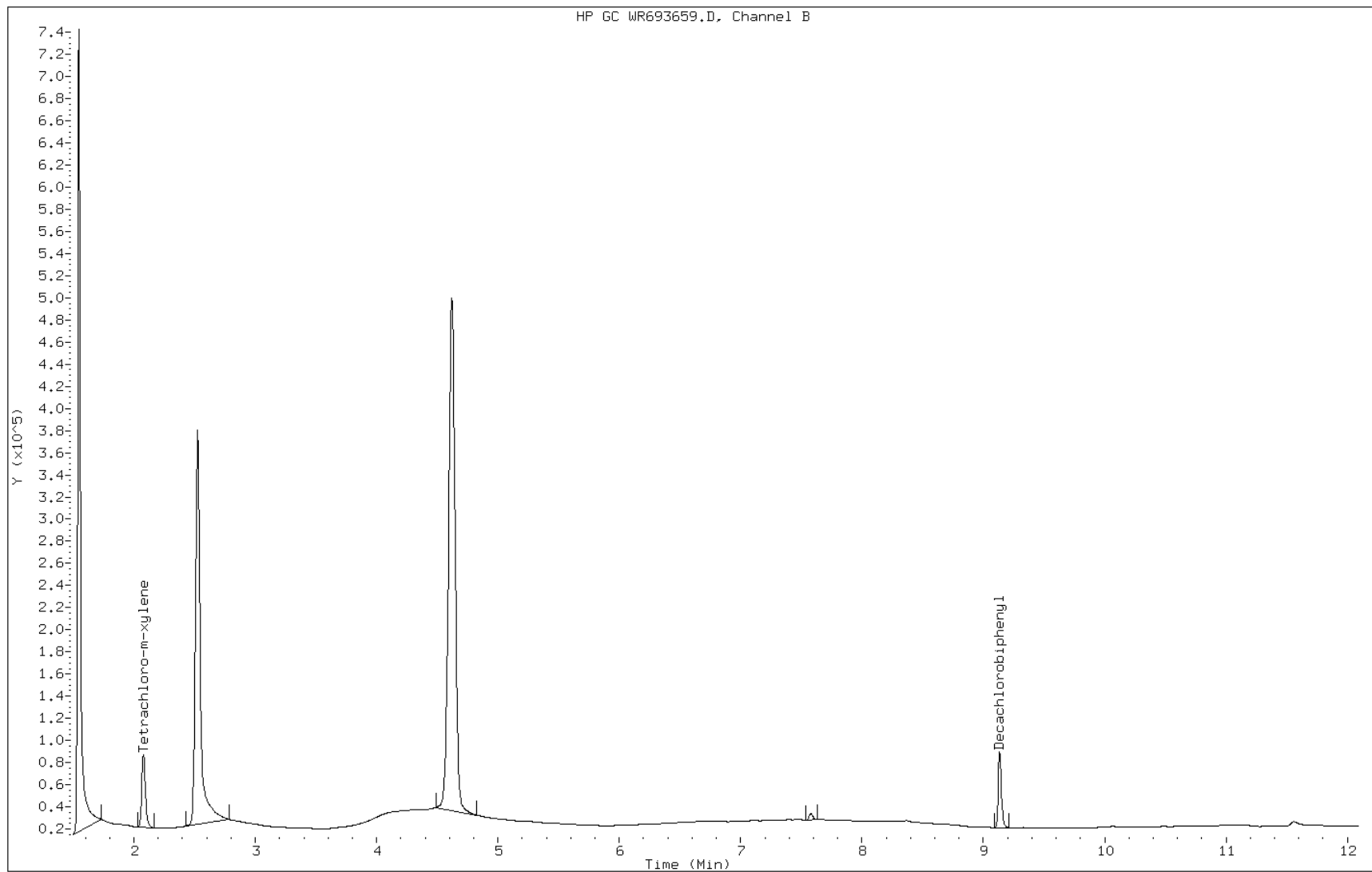
Date: 27-SEP-2011 09:13

Client ID: S0-17338-092111-MM-

Instrument: PESTGC4.i

Sample Info: 460-31552-D-5-F

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xf125054.d
Level 2	IC 460-88313/7	xf125055.d
Level 3	IC 460-88313/5	xf125053.d
Level 4	IC 460-88313/8	xf125056.d
Level 5	IC 460-88313/9	xf125057.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.183	3.183	3.180	3.180	3.180						3.133 - 3.233	3.181
gamma-BHC (Lindane)	3.683	3.683	3.683	3.683	3.683						3.633 - 3.733	3.683
beta-BHC	3.840	3.840	3.837	3.837	3.837						3.787 - 3.887	3.838
delta-BHC	4.617	4.617	4.613	4.613	4.613						4.567 - 4.667	4.615
Heptachlor	4.820	4.823	4.820	4.820	4.820						4.770 - 4.870	4.821
Aldrin	5.727	5.727	5.727	5.727	5.727						5.677 - 5.777	5.727
Heptachlor epoxide	7.153	7.153	7.153	7.153	7.153						7.083 - 7.223	7.153
gamma-Chlordane	7.463	7.463	7.460	7.460	7.460						7.390 - 7.530	7.461
alpha-Chlordane	7.653	7.653	7.653	7.653	7.653						7.583 - 7.723	7.653
Endosulfan I	7.733	7.733	7.730	7.730	7.733						7.663 - 7.803	7.732
4,4'-DDE	7.827	7.827	7.827	7.823	7.827						7.757 - 7.897	7.826
Dieldrin	8.053	8.053	8.053	8.053	8.053						7.983 - 8.123	8.053
Endrin	8.420	8.420	8.420	8.420	8.420						8.350 - 8.490	8.420
4,4'-DDD	8.507	8.507	8.507	8.507	8.507						8.437 - 8.577	8.507
Endosulfan II	8.670	8.670	8.667	8.667	8.667						8.597 - 8.737	8.668
4,4'-DDT	8.890	8.890	8.887	8.887	8.887						8.817 - 8.957	8.888
Endrin aldehyde	9.070	9.070	9.070	9.070	9.070						9.000 - 9.140	9.070
Endosulfan sulfate	9.370	9.370	9.367	9.367	9.370						9.300 - 9.440	9.369
Methoxychlor	9.577	9.573	9.573	9.573	9.573						9.503 - 9.643	9.574
Endrin ketone	9.807	9.807	9.803	9.803	9.803						9.733 - 9.873	9.805
Tetrachloro-m-xylene	2.597	2.597	2.597	2.597	2.593						2.547 - 2.647	2.596
DCB Decachlorobiphenyl	10.753	10.753	10.753	10.753	10.753						10.653 - 10.853	10.753

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xf125054.d
Level 2	IC 460-88313/7	xf125055.d
Level 3	IC 460-88313/5	xf125053.d
Level 4	IC 460-88313/8	xf125056.d
Level 5	IC 460-88313/9	xf125057.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	4122.6 3929.6	4189.8	4552.7	4370.0	Ave		4232.94640				5.6		20.0			
gamma-BHC (Lindane)	4062.7 3992.7	4206.5	4621.5	4454.2	Ave		4267.53880				6.2		20.0			
beta-BHC	2215.7 1897.5	2090.9	2243.2	2135.0	Ave		2116.47640				6.5		20.0			
delta-BHC	3618.9 4258.7	4223.6	4812.1	4719.0	Ave		4326.44120				11.0		20.0			
Heptachlor	4130.3 4064.5	4174.1	4677.0	4529.9	Ave		4315.17640				6.3		20.0			
Aldrin	4197.3 4031.6	4138.4	4644.9	4485.7	Ave		4299.55960				6.0		20.0			
Heptachlor epoxide	3845.4 3400.6	3757.4	4024.0	3834.5	Ave		3772.37600				6.1		20.0			
gamma-Chlordane	3726.6 3267.5	3545.4	3805.8	3647.2	Ave		3598.48920				5.8		20.0			
alpha-Chlordane	3516.2 2909.9	3221.8	3437.2	3240.9	Ave		3265.18880				7.2		20.0			
Endosulfan I	3228.0 2831.9	3088.3	3296.9	3168.6	Ave		3122.72760				5.8		20.0			
4,4'-DDE	2937.9 2937.1	3037.3	3323.1	3234.1	Ave		3093.89920				5.7		20.0			
Dieldrin	3149.1 3033.8	3213.0	3477.4	3365.3	Ave		3247.74080				5.4		20.0			
Endrin	2614.0 2488.5	2645.9	2849.0	2763.3	Ave		2672.15760				5.2		20.0			
4,4'-DDD	2493.5 2574.5	2595.0	2834.4	2761.2	Ave		2651.69720				5.3		20.0			
Endosulfan II	2871.8 2625.7	2783.4	2967.9	2857.7	Ave		2821.29800				4.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2341.5 2520.6	2442.4	2727.0	2676.1	Ave		2541.54480				6.3		20.0			
Endrin aldehyde	2433.3 2080.8	2206.0	2322.0	2246.7	Ave		2257.76520				5.8		20.0			
Endosulfan sulfate	2322.4 2193.1	2230.1	2379.2	2330.6	Ave		2291.07400				3.4		20.0			
Methoxychlor	1312.9 1168.3	1196.8	1273.8	1235.4	Ave		1237.42200				4.7		20.0			
Endrin ketone	2593.0 2302.0	2417.8	2544.1	2517.0	Ave		2474.79920				4.7		20.0			
Tetrachloro-m-xylene	3236.1 2767.3	3292.1	3114.9	3006.5	Ave		3083.38667				6.8		20.0			
DCB Decachlorobiphenyl	2151.8 1897.5	2228.8	2048.1	2020.1	Ave		2069.27100				6.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12591

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xf125054.d
Level 2	IC 460-88313/7	xf125055.d
Level 3	IC 460-88313/5	xf125053.d
Level 4	IC 460-88313/8	xf125056.d
Level 5	IC 460-88313/9	xf125057.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
alpha-BHC	Ave	41226	209490	455272	1092498	1964810	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	40627	210327	462151	1113558	1996356	10.0	50.0	100	250	500
beta-BHC	Ave	22157	104547	224323	533759	948738	10.0	50.0	100	250	500
delta-BHC	Ave	36189	211178	481210	1179749	2129325	10.0	50.0	100	250	500
Heptachlor	Ave	41303	208707	467704	1132464	2032273	10.0	50.0	100	250	500
Aldrin	Ave	41973	206918	464488	1121420	2015789	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	38454	187870	402402	958613	1700304	10.0	50.0	100	250	500
gamma-Chlordane	Ave	37266	177269	380577	911807	1633734	10.0	50.0	100	250	500
alpha-Chlordane	Ave	35162	161091	343716	810221	1454940	10.0	50.0	100	250	500
Endosulfan I	Ave	32280	154414	329686	792140	1415969	10.0	50.0	100	250	500
4,4'-DDE	Ave	29379	151863	332312	808536	1468536	10.0	50.0	100	250	500
Dieldrin	Ave	31491	160652	347742	841329	1516914	10.0	50.0	100	250	500
Endrin	Ave	26140	132296	284901	690828	1244273	10.0	50.0	100	250	500
4,4'-DDD	Ave	24935	129748	283435	690302	1287234	10.0	50.0	100	250	500
Endosulfan II	Ave	28718	139171	296793	714419	1312832	10.0	50.0	100	250	500
4,4'-DDT	Ave	23415	122121	272704	669035	1260312	10.0	50.0	100	250	500
Endrin aldehyde	Ave	24333	110300	232199	561680	1040408	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	23224	111505	237922	582640	1096545	10.0	50.0	100	250	500
Methoxychlor	Ave	13129	59838	127376	308854	584137	10.0	50.0	100	250	500
Endrin ketone	Ave	25930	120890	254413	629262	1151009	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	80902	164606	311494	450968	553468	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	53795	111440	204811	303015	379509	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125053.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 05-OCT-2011 08:02
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 08:29
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125055.d
Calibration Sample, Level: 3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.597	2.597	0.000	311494	100.000	100	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.180	3.180	0.000	455272	100.000	110	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	462151	100.000	110	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.837	3.837	0.000	224323	100.000	100	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
4.613	4.613	0.000	481210	100.000	110	80.00-	120.00	100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.820	4.820	0.000	467704	100.000	110	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
5.727	5.727	0.000	464488	100.000	110	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
7.153	7.153	0.000	402402	100.000	110	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.460	7.460	0.000	380577	100.000	100	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.653	7.653	0.000	343716	100.000	100	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.730	7.730	0.000	329686	100.000	100	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.827	7.827	0.000	332312	100.000	110	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
8.053	8.053	0.000	347742	100.000	110	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
8.420	8.420	0.000	284901	100.000	110	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.507	8.507	0.000	283435	100.000	110	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.667	8.667	0.000	296793	100.000	100	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.887	8.887	0.000	272704	100.000	110	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
9.070	9.070	0.000	232199	100.000	100	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
9.367	9.367	0.000	237922	100.000	100	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
9.573	9.573	0.000	127376	100.000	100	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.803	9.803	0.000	254413	100.000	100	80.00-	120.00	100.00
CAS #: 53494-70-5								

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
10.753	10.753	0.000	204811	100.000	99 80.00- 120.00	100.00					

Data File: xf125053.d

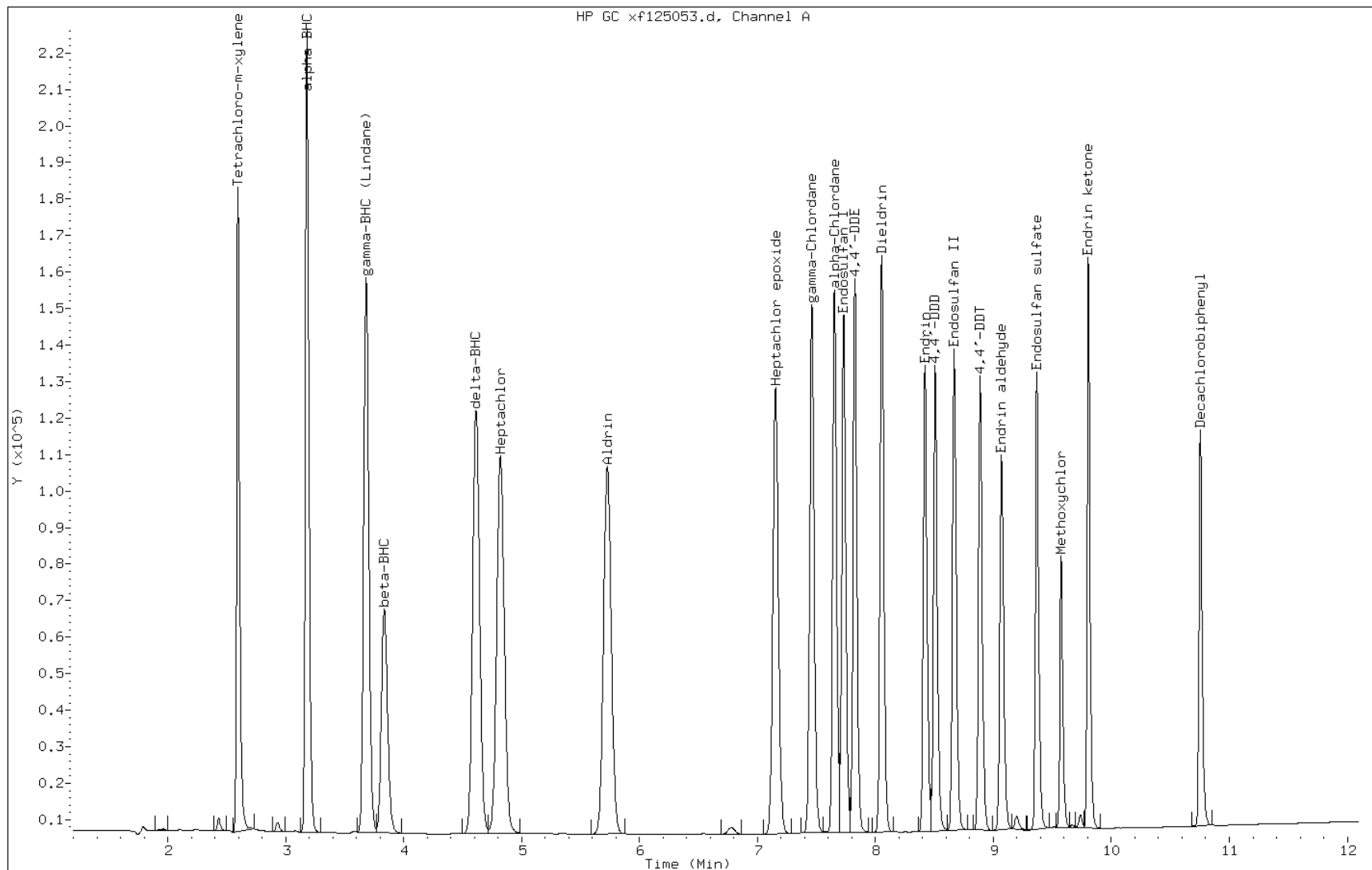
Date: 05-OCT-2011 08:02

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125054.d
Lab Smp Id: SGPESTL1_00012
Inj Date : 05-OCT-2011 08:16
Operator :
Smp Info : SGPESTL1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 08:43
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125056.d
Calibration Sample, Level: 1
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL -AMT		ON -COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)								
2.597	2.597	0.000	80902	25.0000	26	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.183	3.180	0.003	41226	10.0000	9.7	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	40627	10.0000	9.5	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.840	3.837	0.003	22157	10.0000	10	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
4.617	4.613	0.004	36189	10.0000	8.4	80.00-	120.00	100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.820	4.820	0.000	41303	10.0000	9.6	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.727	5.727	0.000	41973	10.0000	9.8	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.153	7.153	0.000	38454	10.0000	10	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.463	7.460	0.003	37266	10.0000	10	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.653	7.653	0.000	35162	10.0000	11	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.733	7.730	0.003	32280	10.0000	10	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.827	7.827	0.000	29379	10.0000	9.5	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.053	8.053	0.000	31491	10.0000	9.7	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.420	8.420	0.000	26140	10.0000	9.8	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.507	8.507	0.000	24935	10.0000	9.4	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.670	8.667	0.003	28718	10.0000	10	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.890	8.887	0.003	23415	10.0000	9.2	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.070	9.070	0.000	24333	10.0000	11	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.370	9.367	0.003	23224	10.0000	10	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.577	9.573	0.004	13129	10.0000	11	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.807	9.803	0.004	25930	10.0000	10	80.00-	120.00	100.00

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
10.753	10.753	0.000	53795	25.0000	26	80.00-	120.00	100.00	

Data File: xf125054.d

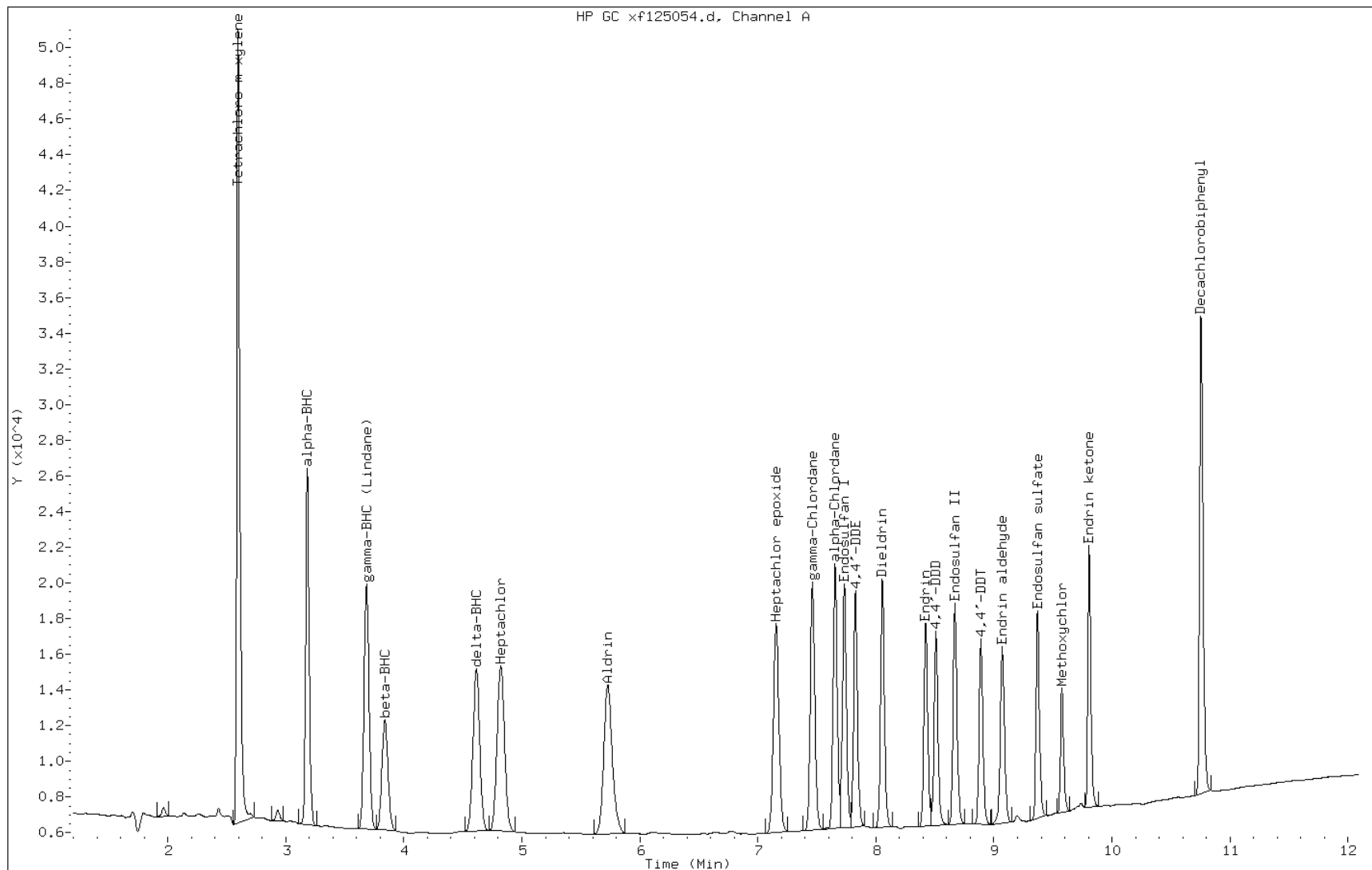
Date: 05-OCT-2011 08:16

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL1_00012

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125055.d
Lab Smp Id: SGPESTL2_00009
Inj Date : 05-OCT-2011 08:29
Operator :
Smp Info : SGPESTL2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 08:57
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125057.d
Calibration Sample, Level: 2
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.597	2.597	0.000	164606	50.0000	53	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.183	3.180	0.003	209490	50.0000	49	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	210327	50.0000	49	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.840	3.837	0.003	104547	50.0000	49	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
4.617	4.613	0.004	211178	50.0000	49	80.00-	120.00	100.00

			AMOUNTS					
RT	EXP RT	DLT RT		CAL-AMT	ON-COL	TARGET	RANGE	RATIO
==	=====	=====		(ug/L)	(ug/L)			=====
17	Heptachlor				CAS #:	76-44-8		
4.823	4.820	0.003	208707	50.0000	48	80.00-	120.00	100.00
1	Aldrin				CAS #:	309-00-2		
5.727	5.727	0.000	206918	50.0000	48	80.00-	120.00	100.00
18	Heptachlor epoxide				CAS #:	1024-57-3		
7.153	7.153	0.000	187870	50.0000	50	80.00-	120.00	100.00
65	gamma-Chlordane				CAS #:	5103-74-2		
7.463	7.460	0.003	177269	50.0000	49	80.00-	120.00	100.00
66	alpha-Chlordane				CAS #:	5103-71-9		
7.653	7.653	0.000	161091	50.0000	49	80.00-	120.00	100.00
11	Endosulfan I				CAS #:	959-98-8		
7.733	7.730	0.003	154414	50.0000	49	80.00-	120.00	100.00
8	4,4'-DDE				CAS #:	72-55-9		
7.827	7.827	0.000	151863	50.0000	49	80.00-	120.00	100.00
10	Dieldrin				CAS #:	60-57-1		
8.053	8.053	0.000	160652	50.0000	49	80.00-	120.00	100.00
14	Endrin				CAS #:	72-20-8		
8.420	8.420	0.000	132296	50.0000	50	80.00-	120.00	100.00
7	4,4'-DDD				CAS #:	72-54-8		
8.507	8.507	0.000	129748	50.0000	49	80.00-	120.00	100.00
12	Endosulfan II				CAS #:	33213-65-9		
8.670	8.667	0.003	139171	50.0000	49	80.00-	120.00	100.00
9	4,4'-DDT				CAS #:	50-29-3		
8.890	8.887	0.003	122121	50.0000	48	80.00-	120.00	100.00
15	Endrin aldehyde				CAS #:	7421-93-4		
9.070	9.070	0.000	110300	50.0000	49	80.00-	120.00	100.00
13	Endosulfan sulfate				CAS #:	1031-07-8		
9.370	9.367	0.003	111505	50.0000	49	80.00-	120.00	100.00
19	Methoxychlor				CAS #:	72-43-5		
9.573	9.573	0.000	59838	50.0000	48	80.00-	120.00	100.00
16	Endrin ketone				CAS #:	53494-70-5		
9.807	9.803	0.004	120890	50.0000	49	80.00-	120.00	100.00

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
10.753	10.753	0.000	111440	50.0000	54 80.00- 120.00	100.00					

Data File: xf125055.d

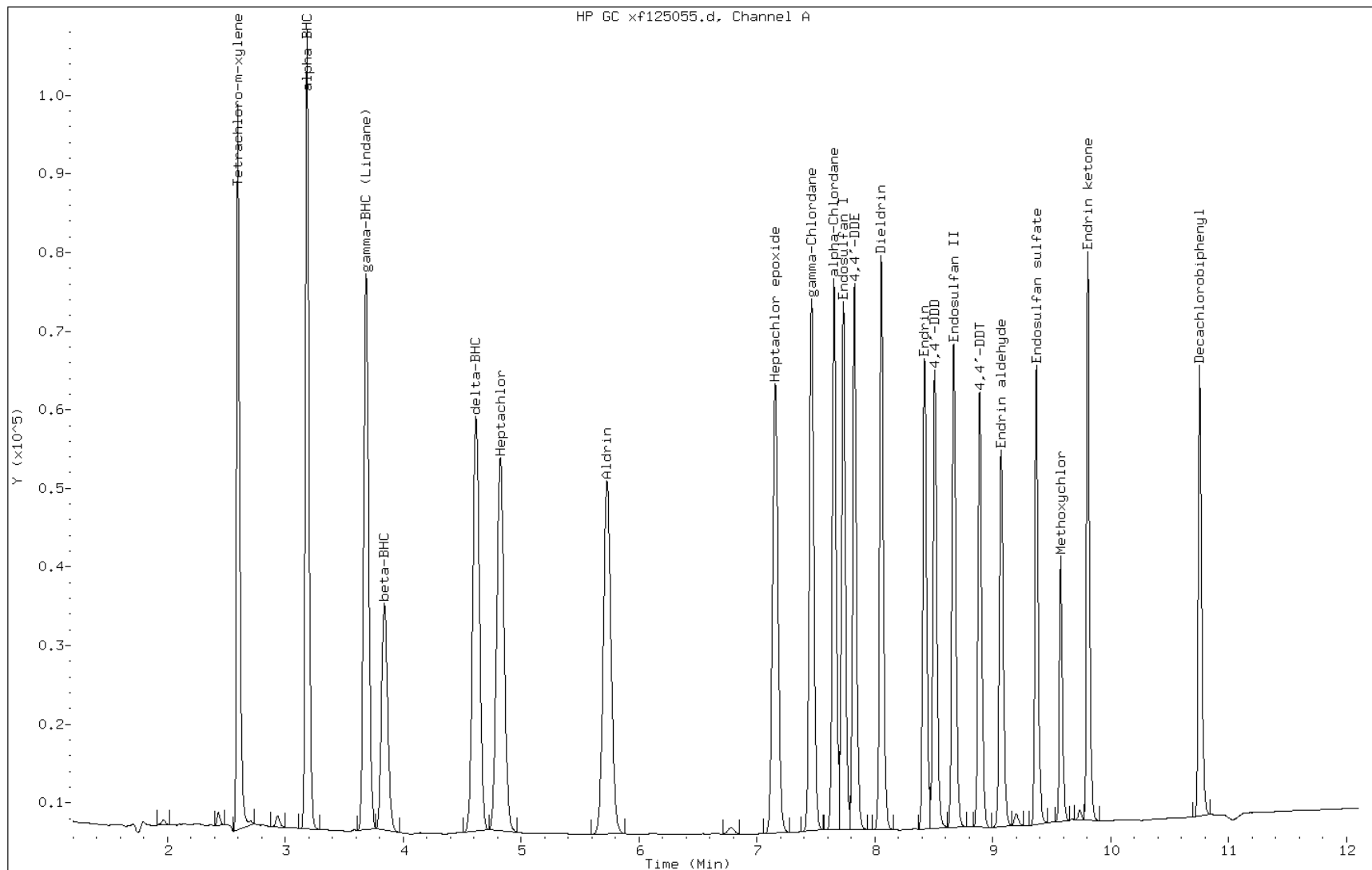
Date: 05-OCT-2011 08:29

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL2_00009

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125056.d
Lab Smp Id: SGPESTL4_00009
Inj Date : 05-OCT-2011 08:43
Operator :
Smp Info : SGPESTL4_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Calibration Sample, Level: 4
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.597	2.597	0.000	450968	150.000	150	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.180	3.180	0.000	1092498	250.000	260	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	1113558	250.000	260	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
3.837	3.837	0.000	533759	250.000	250	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
4.613	4.613	0.000	1179749	250.000	270	80.00-	120.00	100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.820	4.820	0.000	1132464	250.000	260	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
5.727	5.727	0.000	1121420	250.000	260	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
7.153	7.153	0.000	958613	250.000	250	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.460	7.460	0.000	911807	250.000	250	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.653	7.653	0.000	810221	250.000	250	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.730	7.730	0.000	792140	250.000	250	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.823	7.827	-0.004	808536	250.000	260	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
8.053	8.053	0.000	841329	250.000	260	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
8.420	8.420	0.000	690828	250.000	260	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.507	8.507	0.000	690302	250.000	260	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.667	8.667	0.000	714419	250.000	250	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.887	8.887	0.000	669035	250.000	260	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
9.070	9.070	0.000	561680	250.000	250	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
9.367	9.367	0.000	582640	250.000	250	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
9.573	9.573	0.000	308854	250.000	250	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.803	9.803	0.000	629262	250.000	250	80.00-	120.00	100.00
CAS #: 53494-70-5								

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
10.753	10.753	0.000	303015	150.000	150	80.00- 120.00	100.00				

Data File: xf125056.d

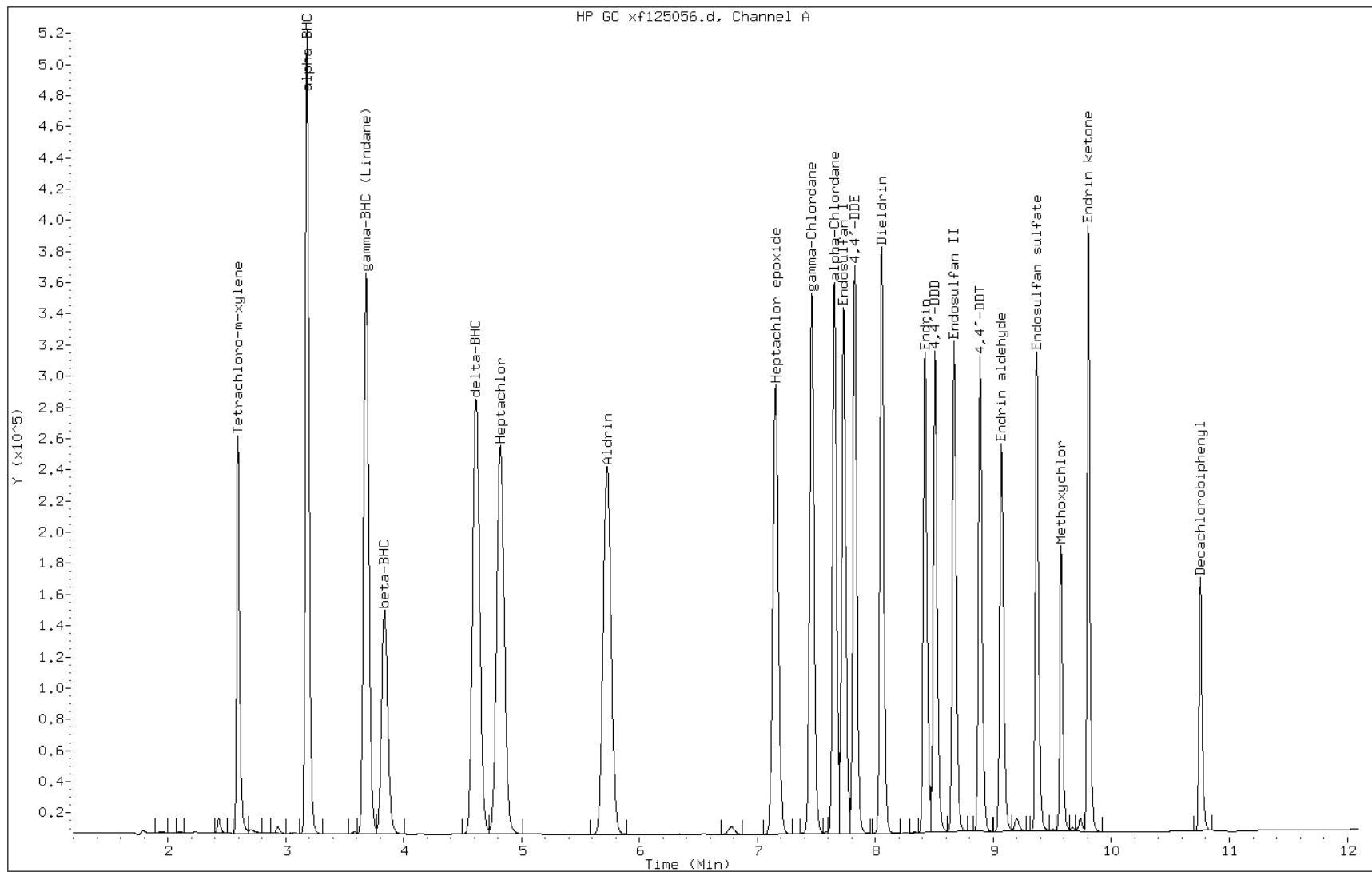
Date: 05-OCT-2011 08:43

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL4_00009

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125057.d
Lab Smp Id: SGPESTL5_00009
Inj Date : 05-OCT-2011 08:57
Operator :
Smp Info : SGPESTL5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Calibration Sample, Level: 5
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.593	2.597	-0.004	553468	200.000	180	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.180	3.183	-0.003	1964810	500.000	460	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000	1996356	500.000	470	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
3.837	3.837	0.000	948738	500.000	450	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
4.613	4.617	-0.004	2129325	500.000	490	80.00- 120.00		100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.820	4.820	0.000	2032273	500.000	470	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.727	5.727	0.000	2015789	500.000	470	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.153	7.153	0.000	1700304	500.000	450	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.460	7.460	0.000	1633734	500.000	450	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.653	7.653	0.000	1454940	500.000	440	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.733	7.733	0.000	1415969	500.000	450	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.827	7.827	0.000	1468536	500.000	470	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.053	8.053	0.000	1516914	500.000	470	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.420	8.420	0.000	1244273	500.000	460	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.507	8.507	0.000	1287234	500.000	480	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.667	8.667	0.000	1312832	500.000	460	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.887	8.887	0.000	1260312	500.000	500	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.070	9.070	0.000	1040408	500.000	460	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.370	9.370	0.000	1096545	500.000	480	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.573	9.573	0.000	584137	500.000	470	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.803	9.803	0.000	1151009	500.000	460	80.00-	120.00	100.00

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
10.753	10.753	0.000	379509	200.000	180 80.00- 120.00	100.00					

Data File: xf125057.d

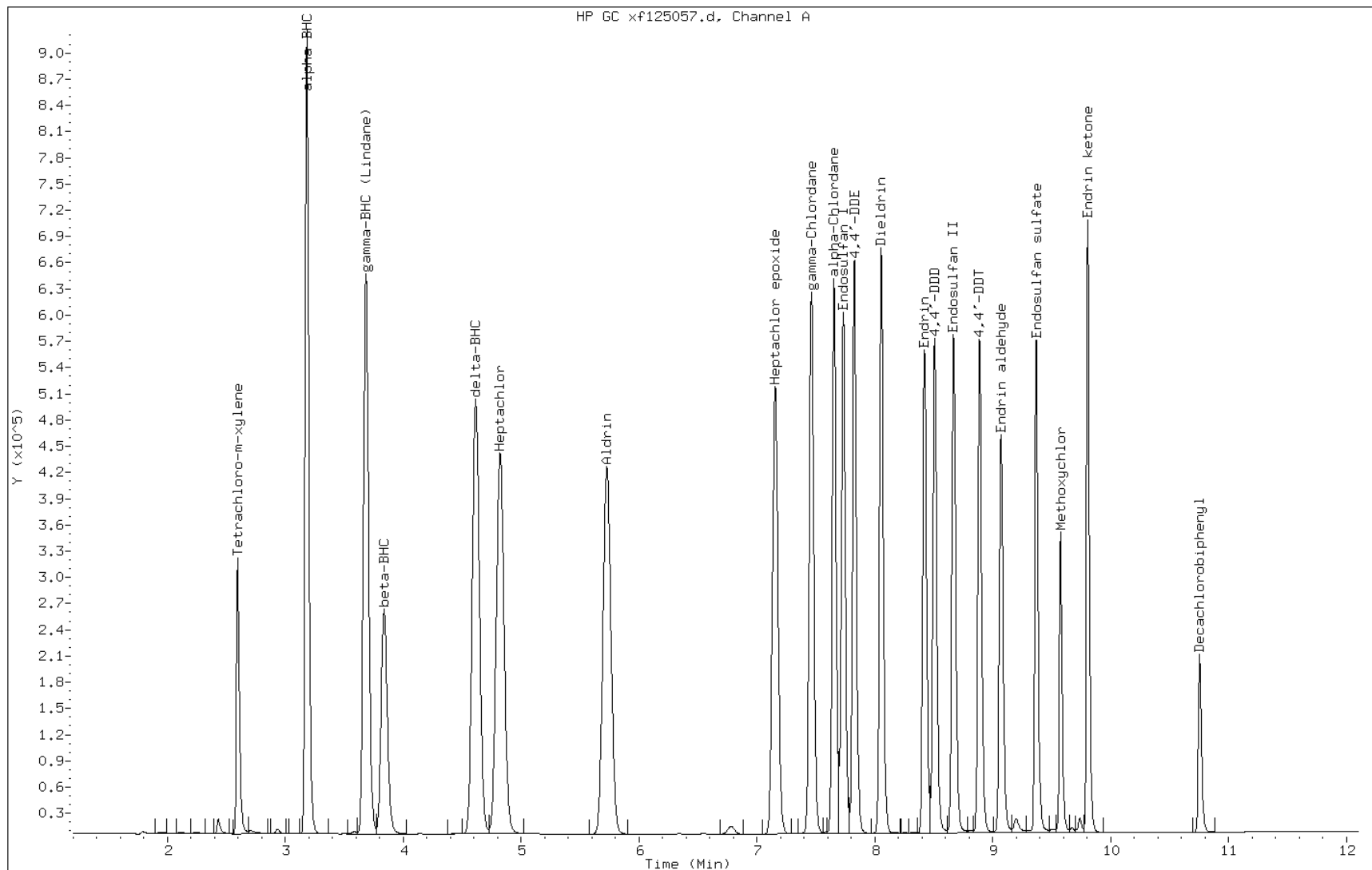
Date: 05-OCT-2011 08:57

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL5_00009

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xr125054.d
Level 2	IC 460-88313/7	xr125055.d
Level 3	IC 460-88313/5	xr125053.d
Level 4	IC 460-88313/8	xr125056.d
Level 5	IC 460-88313/9	xr125057.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.317	2.317	2.317	2.317	2.313						2.267 - 2.367	2.316
gamma-BHC (Lindane)	2.540	2.540	2.537	2.537	2.537						2.487 - 2.587	2.538
beta-BHC	2.603	2.603	2.600	2.600	2.600						2.550 - 2.650	2.601
delta-BHC	2.730	2.730	2.730	2.730	2.727						2.680 - 2.780	2.729
Heptachlor	2.897	2.897	2.897	2.897	2.897						2.847 - 2.947	2.897
Aldrin	3.167	3.163	3.163	3.167	3.163						3.117 - 3.217	3.165
Heptachlor epoxide	4.037	4.037	4.037	4.037	4.033						3.967 - 4.107	4.036
gamma-Chlordane	4.327	4.327	4.327	4.327	4.327						4.257 - 4.397	4.327
alpha-Chlordane	4.637	4.640	4.640	4.640	4.637						4.570 - 4.710	4.639
4,4'-DDE	4.847	4.847	4.850	4.847	4.847						4.780 - 4.920	4.847
Endosulfan I	4.953	4.957	4.957	4.957	4.953						4.887 - 5.027	4.955
Dieldrin	5.550	5.550	5.550	5.550	5.550						5.480 - 5.620	5.550
Endrin	6.137	6.140	6.140	6.137	6.137						6.070 - 6.210	6.138
4,4'-DDD	6.333	6.337	6.337	6.337	6.333						6.267 - 6.407	6.335
Endosulfan II	6.673	6.673	6.673	6.673	6.673						6.603 - 6.743	6.673
4,4'-DDT	6.980	6.980	6.983	6.980	6.980						6.913 - 7.053	6.981
Endrin aldehyde	7.440	7.440	7.440	7.440	7.440						7.370 - 7.510	7.440
Methoxychlor	7.697	7.697	7.697	7.697	7.697						7.627 - 7.767	7.697
Endosulfan sulfate	7.943	7.943	7.943	7.940	7.940						7.870 - 8.010	7.942
Endrin ketone	8.253	8.253	8.253	8.253	8.253						8.183 - 8.323	8.253
Tetrachloro-m-xylene	1.927	1.927	1.927	1.927	1.927						1.880 - 1.980	1.927
DCB Decachlorobiphenyl	9.387	9.387	9.383	9.383	9.387						9.283 - 9.483	9.385

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xr125054.d
Level 2	IC 460-88313/7	xr125055.d
Level 3	IC 460-88313/5	xr125053.d
Level 4	IC 460-88313/8	xr125056.d
Level 5	IC 460-88313/9	xr125057.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	7475.5 7032.4	8148.7	8672.2	7882.3	Ave		7842.21040				8.0		20.0			
gamma-BHC (Lindane)	6775.6 5669.8	6635.0	7129.2	6365.2	Ave		6514.95720				8.4		20.0			
beta-BHC	3646.4 3299.9	3816.3	4058.1	3796.1	Ave		3723.34240				7.5		20.0			
delta-BHC	6553.8 6390.0	6976.9	7745.9	7129.3	Ave		6959.20440				7.7		20.0			
Heptachlor	7344.3 6233.6	7041.3	7918.0	6979.6	Ave		7103.35400				8.6		20.0			
Aldrin	6410.6 6256.8	6657.9	7476.6	7006.7	Ave		6761.71800				7.2		20.0			
Heptachlor epoxide	6885.0 6378.3	6962.1	7675.5	7264.9	Ave		7033.15160				6.8		20.0			
gamma-Chlordane	7382.0 6589.4	6886.3	7797.9	7348.6	Ave		7200.84200				6.5		20.0			
alpha-Chlordane	6740.9 6455.1	6746.0	7562.2	7182.5	Ave		6937.33120				6.3		20.0			
4,4'-DDE	5951.6 5807.6	5941.3	6833.2	6588.9	Ave		6224.51680				7.3		20.0			
Endosulfan I	6315.0 6304.0	6588.3	7476.3	7063.8	Ave		6749.46280				7.6		20.0			
Dieldrin	5979.6 6473.5	6485.6	7456.8	7274.8	Ave		6734.06960				9.1		20.0			
Endrin	5208.9 5450.9	5720.2	6435.1	6184.0	Ave		5799.81320				8.7		20.0			
4,4'-DDD	4259.0 5409.1	5044.0	5976.2	5913.7	Ave		5320.40920				13.3		20.0			
Endosulfan II	5744.1 5559.6	5816.5	6506.5	6231.2	Ave		5971.57800				6.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	4909.9 5592.6	5269.4	6232.6	6076.2	Ave		5616.14200				9.8		20.0			
Endrin aldehyde	4651.0 4213.8	4529.6	4932.6	4690.6	Ave		4603.52280				5.7		20.0			
Methoxychlor	2950.3 2530.6	2859.2	3096.0	2830.7	Ave		2853.35840				7.3		20.0			
Endosulfan sulfate	4609.9 4339.4	4552.8	5058.0	4832.5	Ave		4678.51120				5.9		20.0			
Endrin ketone	5264.4 4951.2	5264.4	5821.7	5607.4	Ave		5381.81240				6.3		20.0			
Tetrachloro-m-xylene	5971.5 5206.5	6373.7	6023.4	5694.4	Ave		5853.88700				7.4		20.0			
DCB Decachlorobiphenyl	4249.2 4200.7	4595.4	4726.3	4683.3	Ave		4490.99933				5.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 08:02 Calibration End Date: 10/05/2011 08:57 Calibration ID: 12590

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/6	xrl25054.d
Level 2	IC 460-88313/7	xrl25055.d
Level 3	IC 460-88313/5	xrl25053.d
Level 4	IC 460-88313/8	xrl25056.d
Level 5	IC 460-88313/9	xrl25057.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
alpha-BHC	Ave	74755	407437	867220	1970565	3516176	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	67756	331752	712918	1591303	2834877	10.0	50.0	100	250	500
beta-BHC	Ave	36464	190815	405807	949014	1649943	10.0	50.0	100	250	500
delta-BHC	Ave	65538	348847	774594	1782330	3195011	10.0	50.0	100	250	500
Heptachlor	Ave	73443	352065	791799	1744900	3116790	10.0	50.0	100	250	500
Aldrin	Ave	64106	332895	747663	1751670	3128390	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	68850	348103	767554	1816213	3189153	10.0	50.0	100	250	500
gamma-Chlordane	Ave	73820	344315	779791	1837153	3294694	10.0	50.0	100	250	500
alpha-Chlordane	Ave	67409	337300	756218	1795624	3227540	10.0	50.0	100	250	500
4,4'-DDE	Ave	59516	297066	683319	1647219	2903799	10.0	50.0	100	250	500
Endosulfan I	Ave	63150	329413	747625	1765950	3152002	10.0	50.0	100	250	500
Dieldrin	Ave	59796	324278	745682	1818705	3236774	10.0	50.0	100	250	500
Endrin	Ave	52089	286010	643507	1545994	2725460	10.0	50.0	100	250	500
4,4'-DDD	Ave	42590	252201	597623	1478434	2704530	10.0	50.0	100	250	500
Endosulfan II	Ave	57441	290826	650647	1557798	2779804	10.0	50.0	100	250	500
4,4'-DDT	Ave	49099	263471	623256	1519062	2796291	10.0	50.0	100	250	500
Endrin aldehyde	Ave	46510	226482	493257	1172644	2106914	10.0	50.0	100	250	500
Methoxychlor	Ave	29503	142962	309597	707664	1265313	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	46099	227638	505801	1208120	2169703	10.0	50.0	100	250	500
Endrin ketone	Ave	52644	263218	582173	1401850	2475586	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	149287	318684	602339	854154	1041305	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	106229	229771	472634	702502	840146	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: xr125053.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125053.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 05-OCT-2011 08:02
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:57 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
Calibration Sample, Level: 3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
1.927	1.927	0.000	602339	100.000	100	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
2.317	2.317	0.000	867220	100.000	110	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
2.537	2.537	0.000	712918	100.000	110	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
2.600	2.600	0.000	405807	100.000	110	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
2.730	2.730	0.000	774594	100.000	110	80.00- 120.00	100.00		

Data File: xr125053.d
Report Date: 05-Oct-2011 09:58

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
2.897	2.897	0.000	791799	100.000	110	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
3.163	3.163	0.000	747663	100.000	110	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
4.037	4.037	0.000	767554	100.000	110	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
4.327	4.327	0.000	779791	100.000	110	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
4.640	4.640	0.000	756218	100.000	110	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
4.850	4.850	0.000	683319	100.000	110	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
4.957	4.957	0.000	747625	100.000	110	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
5.550	5.550	0.000	745682	100.000	110	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
6.140	6.140	0.000	643507	100.000	110	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
6.337	6.337	0.000	597623	100.000	110	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
6.673	6.673	0.000	650647	100.000	110	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
6.983	6.983	0.000	623256	100.000	110	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.440	7.440	0.000	493257	100.000	110	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.697	7.697	0.000	309597	100.000	110	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
7.943	7.943	0.000	505801	100.000	110	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.253	8.253	0.000	582173	100.000	110	80.00-	120.00	100.00

Data File: xr125053.d
Report Date: 05-Oct-2011 09:58

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.383	9.383	0.000	472634	100.000	100	80.00-	120.00	100.00	

Data File: xr125053.d

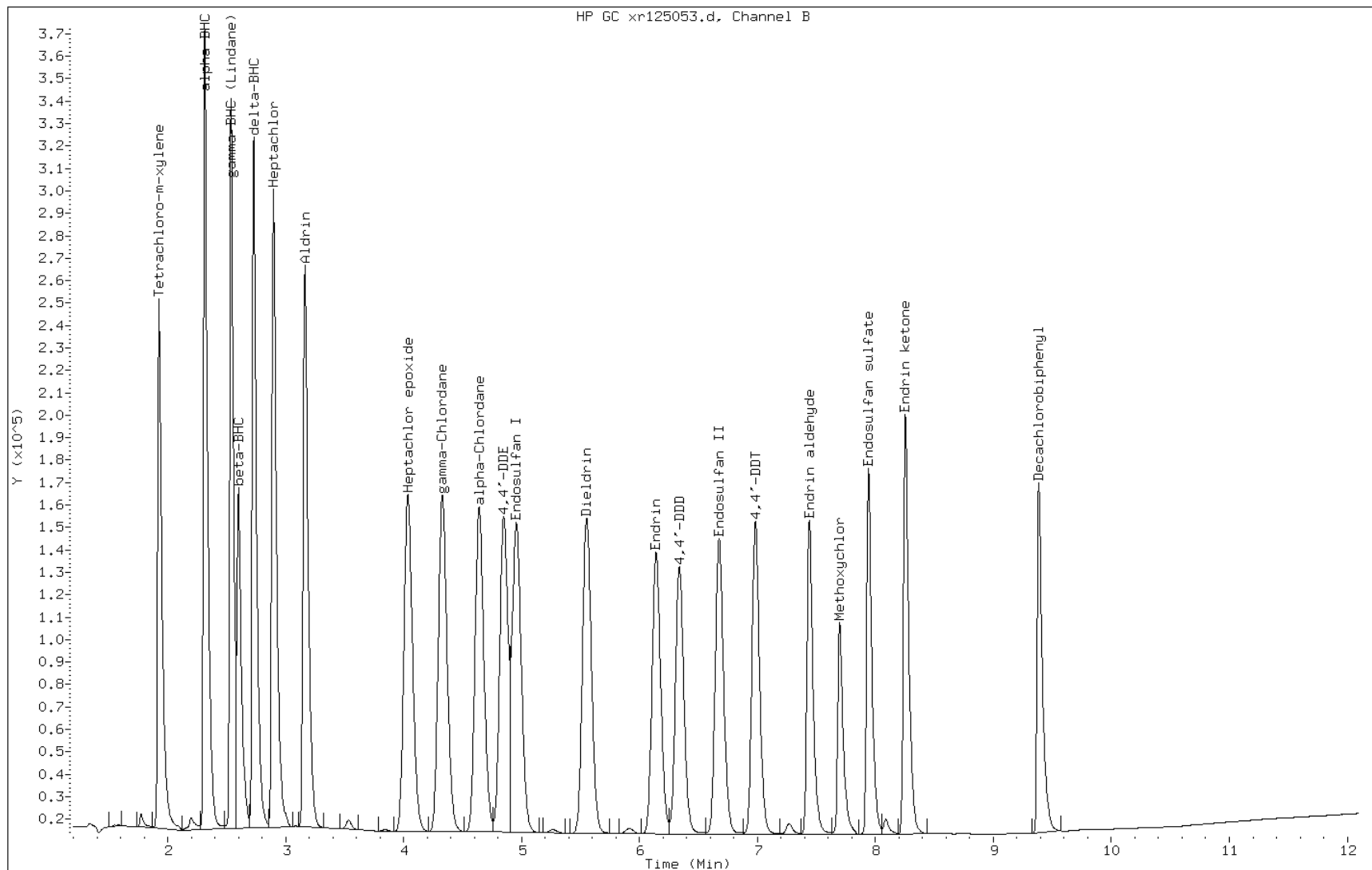
Date: 05-OCT-2011 08:02

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



Data File: xr125054.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125054.d
Lab Smp Id: SGPESTL1_00012
Inj Date : 05-OCT-2011 08:16
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL1_00012
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:16 Cal File: xr125054.d
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL -AMT		ON -COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
1.927	1.927	0.000	149287	25.0000	26	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.317	2.317	0.000	74755	10.0000	9.5	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.540	2.537	0.003	67756	10.0000	10	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
2.603	2.600	0.003	36464	10.0000	9.8	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
2.730	2.730	0.000	65538	10.0000	9.4	80.00- 120.00	100.00	

Data File: xr125054.d
Report Date: 05-Oct-2011 09:58

RT	EXP RT	DLT RT	AMOUNTS		ON-COL	TARGET RANGE	RATIO
			RESPONSE	CAL-AMT (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8		
2.897	2.897	0.000	73443	10.0000	10	80.00- 120.00	100.00

1	Aldrin				CAS #: 309-00-2		
3.167	3.163	0.004	64106	10.0000	9.5	80.00- 120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3		
4.037	4.037	0.000	68850	10.0000	9.8	80.00- 120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2		
4.327	4.327	0.000	73820	10.0000	10	80.00- 120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9		
4.637	4.640	-0.003	67409	10.0000	9.7	80.00- 120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9		
4.847	4.850	-0.003	59516	10.0000	9.6	80.00- 120.00	100.00

11	Endosulfan I				CAS #: 959-98-8		
4.953	4.957	-0.004	63150	10.0000	9.4	80.00- 120.00	100.00

10	Dieldrin				CAS #: 60-57-1		
5.550	5.550	0.000	59796	10.0000	8.9	80.00- 120.00	100.00

14	Endrin				CAS #: 72-20-8		
6.137	6.140	-0.003	52089	10.0000	9.0	80.00- 120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8		
6.333	6.337	-0.004	42590	10.0000	8.0	80.00- 120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9		
6.673	6.673	0.000	57441	10.0000	9.6	80.00- 120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3		
6.980	6.983	-0.003	49099	10.0000	8.7	80.00- 120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4		
7.440	7.440	0.000	46510	10.0000	10	80.00- 120.00	100.00

19	Methoxychlor				CAS #: 72-43-5		
7.697	7.697	0.000	29503	10.0000	10	80.00- 120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8		
7.943	7.943	0.000	46099	10.0000	9.8	80.00- 120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5		
8.253	8.253	0.000	52644	10.0000	9.8	80.00- 120.00	100.00

Data File: xr125054.d
 Report Date: 05-Oct-2011 09:58

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.387	9.383	0.004	106229	25.0000	24	80.00-	120.00	100.00	

Data File: xr125054.d

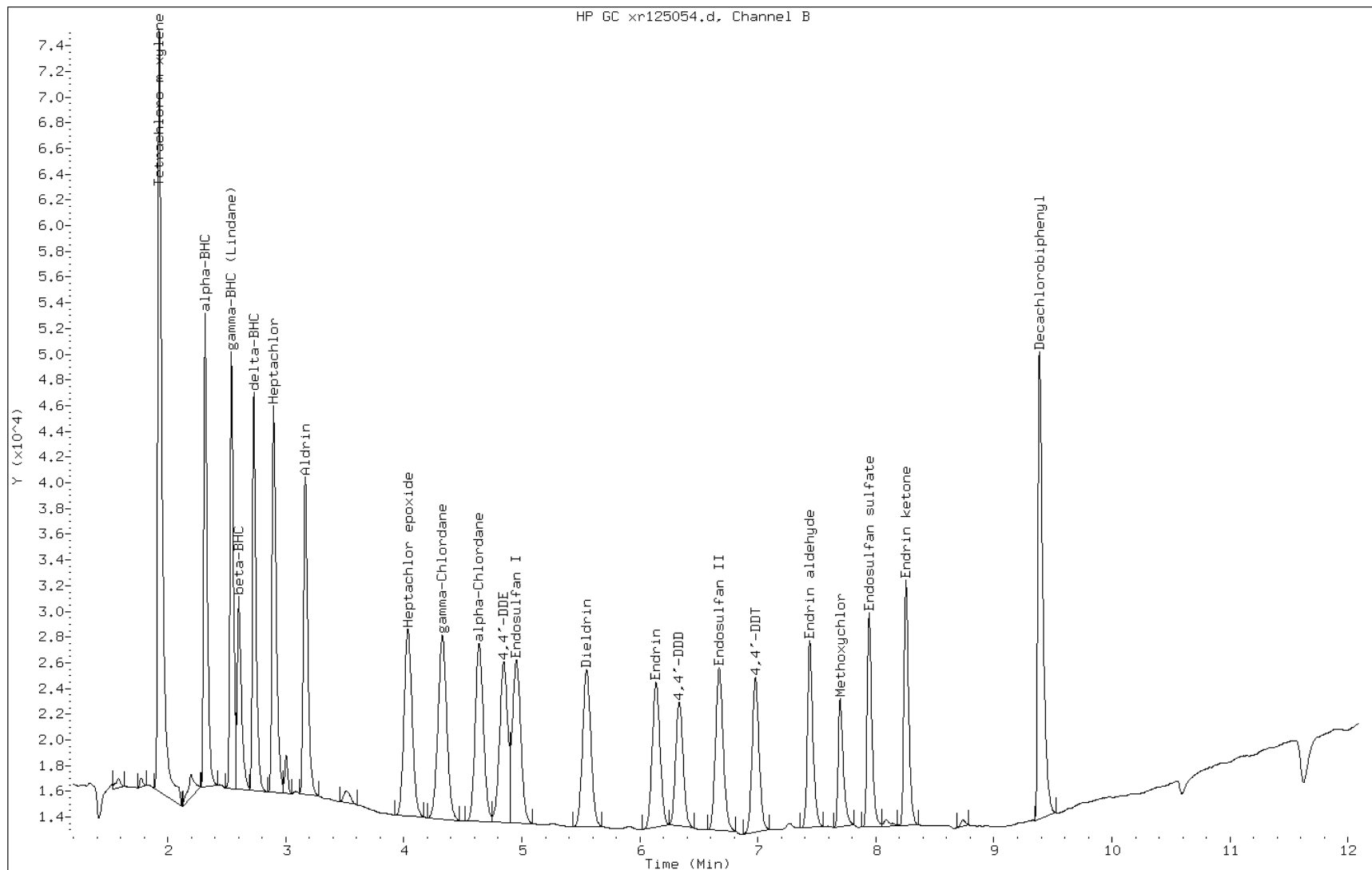
Date: 05-OCT-2011 08:16

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL1_00012

Operator:



Data File: xr125055.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125055.d
Lab Smp Id: SGPESTL2_00009
Inj Date : 05-OCT-2011 08:29
Operator :
Smp Info : SGPESTL2_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 08:29
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125055.d
Calibration Sample, Level: 2
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
				CAS #: 877-09-8					
1.927	1.927	0.000	318684	50.0000	54	80.00- 120.00	100.00		

2 alpha-BHC				CAS #: 319-84-6					
2.317	2.317	0.000	407437	50.0000	52	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)				CAS #: 58-89-9					
2.540	2.537	0.003	331752	50.0000	51	80.00- 120.00	100.00		

3 beta-BHC				CAS #: 319-85-7					
2.603	2.600	0.003	190815	50.0000	51	80.00- 120.00	100.00		

4 delta-BHC				CAS #: 319-86-8					
2.730	2.730	0.000	348847	50.0000	50	80.00- 120.00	100.00		

Data File: xr125055.d
Report Date: 05-Oct-2011 09:58

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
2.897	2.897	0.000	352065	50.0000	50	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
3.163	3.163	0.000	332895	50.0000	49	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
4.037	4.037	0.000	348103	50.0000	49	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
4.327	4.327	0.000	344315	50.0000	48	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
4.640	4.640	0.000	337300	50.0000	49	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
4.847	4.850	-0.003	297066	50.0000	48	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
4.957	4.957	0.000	329413	50.0000	49	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
5.550	5.550	0.000	324278	50.0000	48	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
6.140	6.140	0.000	286010	50.0000	49	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
6.337	6.337	0.000	252201	50.0000	47	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
6.673	6.673	0.000	290826	50.0000	49	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
6.980	6.983	-0.003	263471	50.0000	47	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.440	7.440	0.000	226482	50.0000	49	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.697	7.697	0.000	142962	50.0000	50	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
7.943	7.943	0.000	227638	50.0000	49	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.253	8.253	0.000	263218	50.0000	49	80.00-	120.00	100.00

Data File: xr125055.d
Report Date: 05-Oct-2011 09:58

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.387	9.383	0.004	229771	50.0000	51	80.00-	120.00	100.00	

Data File: xr125055.d

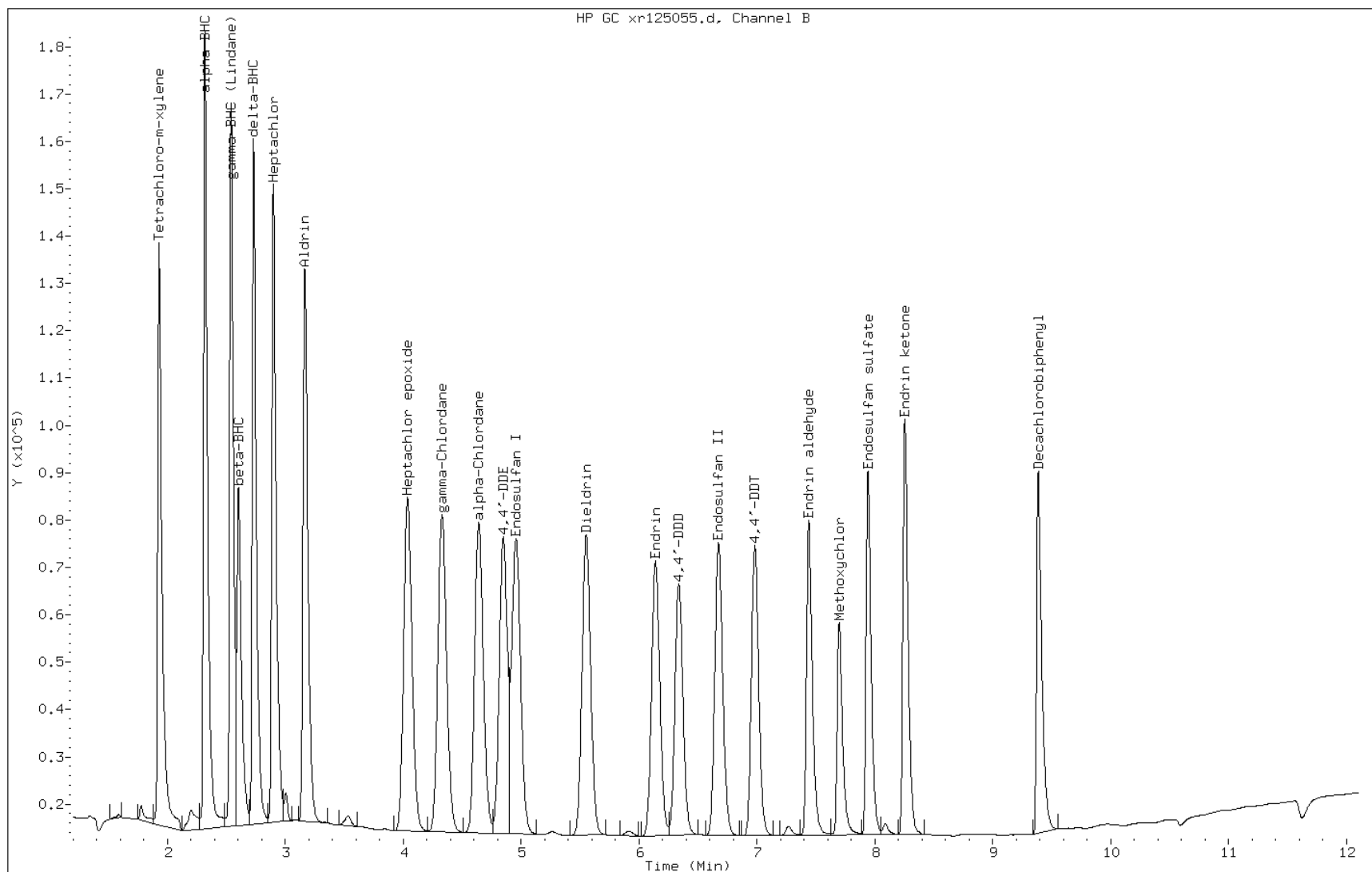
Date: 05-OCT-2011 08:29

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL2_00009

Operator:



Data File: xr125056.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125056.d
Lab Smp Id: SGPESTL4_00009
Inj Date : 05-OCT-2011 08:43
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL4_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:43 Cal File: xr125056.d
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
1.927	1.927	0.000	854154	150.000	140	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
2.317	2.317	0.000	1970565	250.000	250	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.537	2.537	0.000	1591303	250.000	240	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
2.600	2.600	0.000	949014	250.000	250	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
2.730	2.730	0.000	1782330	250.000	260	80.00- 120.00		100.00

Data File: xr125056.d
Report Date: 05-Oct-2011 09:58

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
2.897	2.897	0.000	1744900	250.000	240	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
3.167	3.163	0.004	1751670	250.000	260	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
4.037	4.037	0.000	1816213	250.000	260	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
4.327	4.327	0.000	1837153	250.000	260	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
4.640	4.640	0.000	1795624	250.000	260	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
4.847	4.850	-0.003	1647219	250.000	260	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
4.957	4.957	0.000	1765950	250.000	260	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
5.550	5.550	0.000	1818705	250.000	270	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
6.137	6.140	-0.003	1545994	250.000	270	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
6.337	6.337	0.000	1478434	250.000	280	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
6.673	6.673	0.000	1557798	250.000	260	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
6.980	6.983	-0.003	1519062	250.000	270	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.440	7.440	0.000	1172644	250.000	250	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.697	7.697	0.000	707664	250.000	250	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
7.940	7.943	-0.003	1208120	250.000	260	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.253	8.253	0.000	1401850	250.000	260	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: xr125056.d
 Report Date: 05-Oct-2011 09:58

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr)				CAS #: 2051-24-3					
9.383	9.383	0.000	702502	150.000	160	80.00-	120.00	100.00	

Data File: xr125056.d

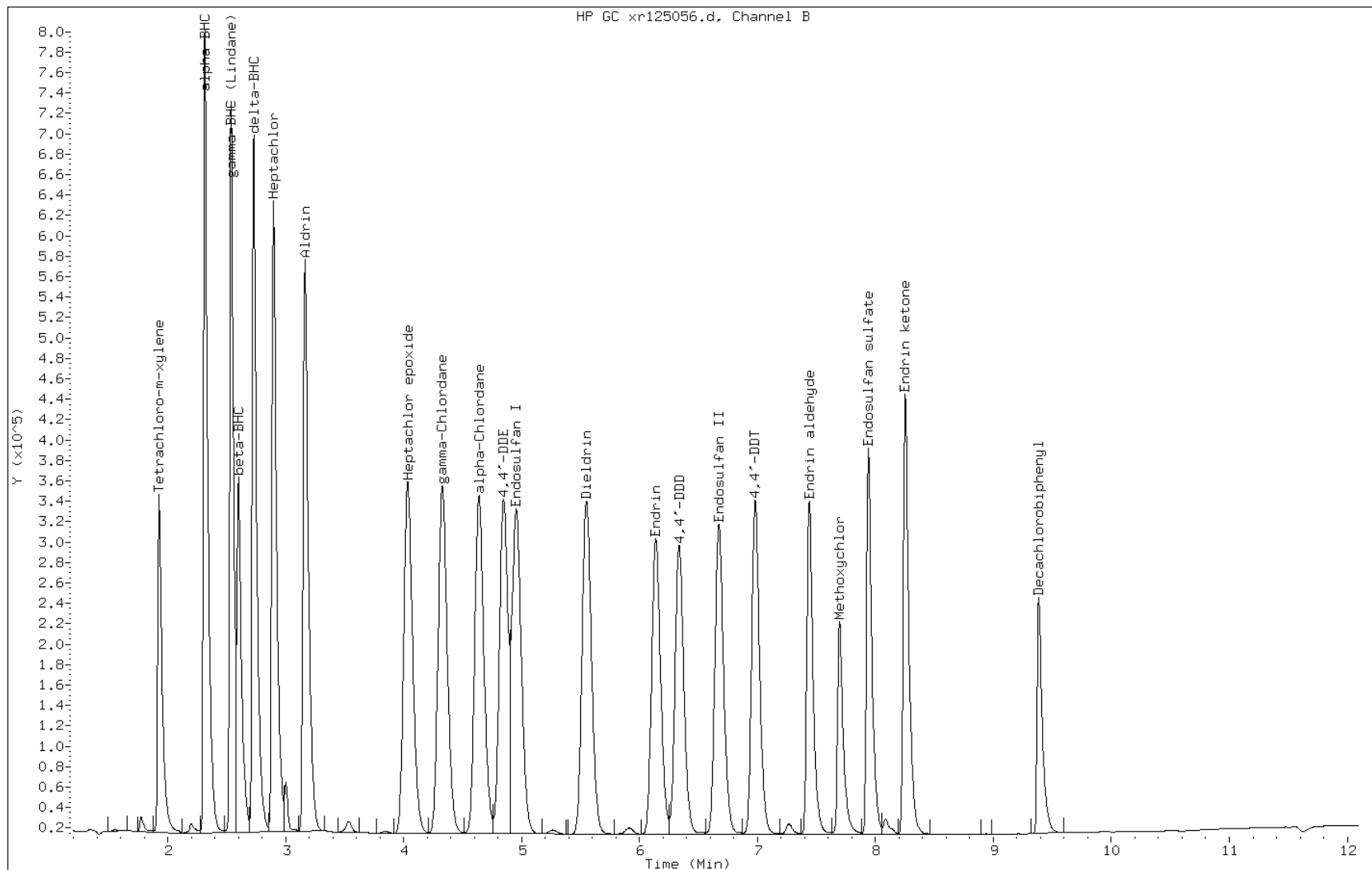
Date: 05-OCT-2011 08:43

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL4_00009

Operator:



Data File: xr125057.d
Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125057.d
Lab Smp Id: SGPESTL5_00009
Inj Date : 05-OCT-2011 08:57
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL5_00009
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
Meth Date : 05-Oct-2011 09:58 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 08:57 Cal File: xr125057.d
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
1.927	1.927	0.000	1041305	200.000	180	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
2.313	2.317	-0.004	3516176	500.000	450	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
2.537	2.537	0.000	2834877	500.000	440	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
2.600	2.600	0.000	1649943	500.000	440	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
2.727	2.730	-0.003	3195011	500.000	460	80.00-	120.00	100.00

Data File: xr125057.d
Report Date: 05-Oct-2011 09:58

RT	EXP RT	DLT RT	AMOUNTS		ON-COL	TARGET RANGE	RATIO
			CAL-AMT	RESPONSE (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor					CAS #: 76-44-8		
2.897	2.897	0.000	3116790	500.000	440	80.00- 120.00	100.00

1 Aldrin					CAS #: 309-00-2		
3.163	3.163	0.000	3128390	500.000	460	80.00- 120.00	100.00

18 Heptachlor epoxide					CAS #: 1024-57-3		
4.033	4.037	-0.004	3189153	500.000	450	80.00- 120.00	100.00

65 gamma-Chlordane					CAS #: 5103-74-2		
4.327	4.327	0.000	3294694	500.000	460	80.00- 120.00	100.00

66 alpha-Chlordane					CAS #: 5103-71-9		
4.637	4.640	-0.003	3227540	500.000	460	80.00- 120.00	100.00

8 4,4'-DDE					CAS #: 72-55-9		
4.847	4.850	-0.003	2903799	500.000	470	80.00- 120.00	100.00

11 Endosulfan I					CAS #: 959-98-8		
4.953	4.957	-0.004	3152002	500.000	470	80.00- 120.00	100.00

10 Dieldrin					CAS #: 60-57-1		
5.550	5.550	0.000	3236774	500.000	480	80.00- 120.00	100.00

14 Endrin					CAS #: 72-20-8		
6.137	6.140	-0.003	2725460	500.000	470	80.00- 120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8		
6.333	6.337	-0.004	2704530	500.000	510	80.00- 120.00	100.00(A)

12 Endosulfan II					CAS #: 33213-65-9		
6.673	6.673	0.000	2779804	500.000	460	80.00- 120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3		
6.980	6.983	-0.003	2796291	500.000	500	80.00- 120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4		
7.440	7.440	0.000	2106914	500.000	460	80.00- 120.00	100.00

19 Methoxychlor					CAS #: 72-43-5		
7.697	7.697	0.000	1265313	500.000	440	80.00- 120.00	100.00

13 Endosulfan sulfate					CAS #: 1031-07-8		
7.940	7.943	-0.003	2169703	500.000	460	80.00- 120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5		
8.253	8.253	0.000	2475586	500.000	460	80.00- 120.00	100.00

Data File: xr125057.d
Report Date: 05-Oct-2011 09:58

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.387	9.383	0.004	840146	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

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

Data File: xr125057.d

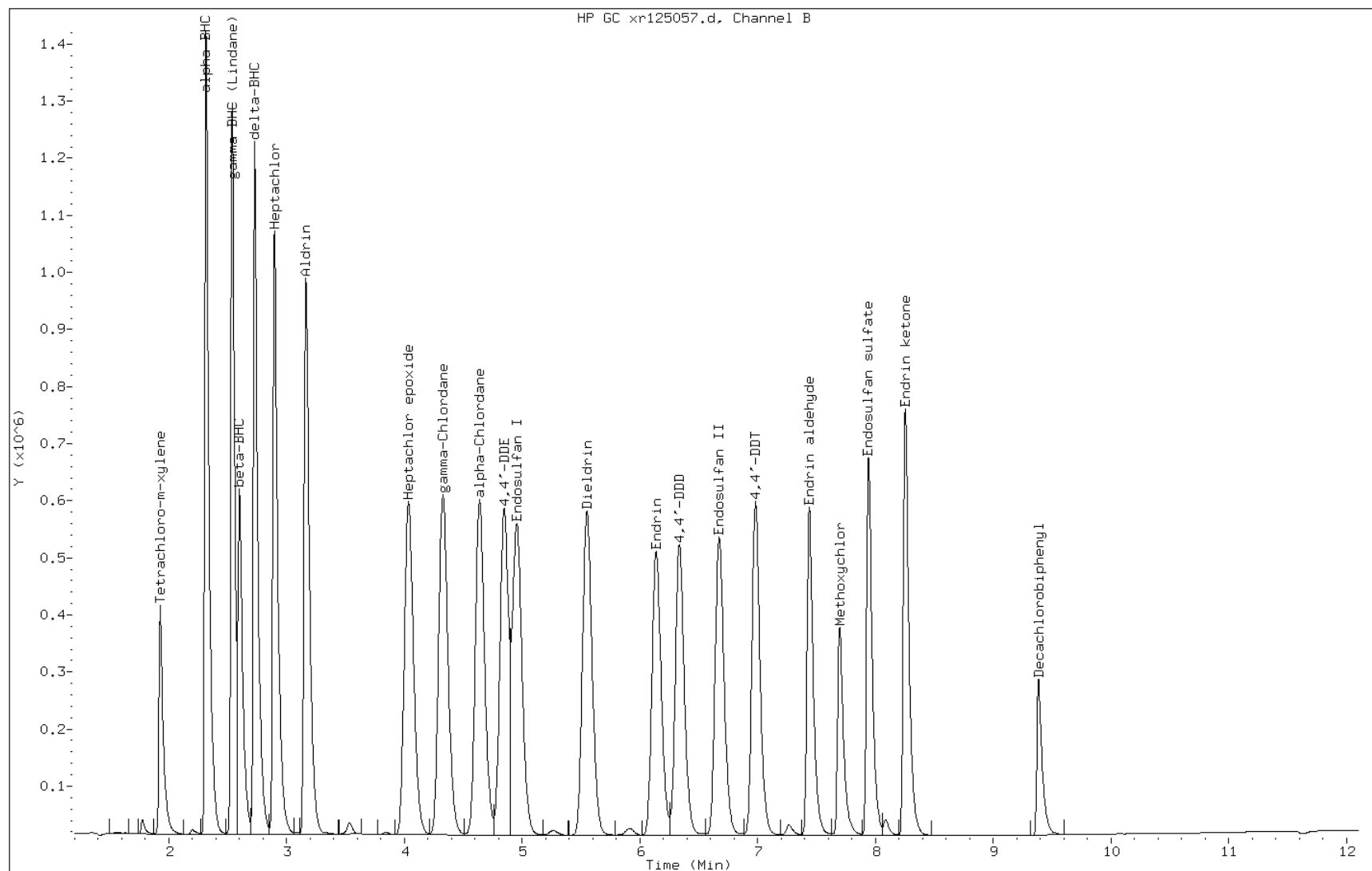
Date: 05-OCT-2011 08:57

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL5_00009

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12595

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xf125059.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	8.347										8.277 - 8.417	8.347
Toxaphene Peak 2	8.767										8.697 - 8.837	8.767
Toxaphene Peak 3	9.080										9.010 - 9.150	9.080
Toxaphene Peak 4	9.183										9.113 - 9.253	9.183
Toxaphene Peak 5	9.587										9.517 - 9.657	9.587
Toxaphene Peak 6	9.627										9.557 - 9.697	9.627
Toxaphene Peak 7	9.880										9.810 - 9.950	9.880
Toxaphene Peak 8	10.007										9.937 - 10.077	10.007

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12595

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xf125059.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	99.220				Ave		99.2200000						20.0			
Toxaphene Peak 2	179.11				Ave		179.113000						20.0			
Toxaphene Peak 3	172.39				Ave		172.389000						20.0			
Toxaphene Peak 4	134.51				Ave		134.505000						20.0			
Toxaphene Peak 5	127.92				Ave		127.920000						20.0			
Toxaphene Peak 6	238.29				Ave		238.291000						20.0			
Toxaphene Peak 7	91.725				Ave		91.7250000						20.0			
Toxaphene Peak 8	76.360				Ave		76.3600000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12595

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xf125059.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	99220					1000				
Toxaphene Peak 2	Ave	179113					1000				
Toxaphene Peak 3	Ave	172389					1000				
Toxaphene Peak 4	Ave	134505					1000				
Toxaphene Peak 5	Ave	127920					1000				
Toxaphene Peak 6	Ave	238291					1000				
Toxaphene Peak 7	Ave	91725					1000				
Toxaphene Peak 8	Ave	76360					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/xf125059.d
Lab Smp Id: SGT0XL3_00010
Inj Date : 05-OCT-2011 09:25
Operator :
Smp Info : SGT0XL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-05-11aical/05oct11a.b/09Xf8081.m
Meth Date : 05-Oct-2011 09:58 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Calibration Sample, Level: 3
Compound Sublist: TOXAPH0.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
20 Toxaphene			CAS #: 8001-35-2			
8.347	8.347	0.000	99220 1000.00	1000	80.00- 120.00	100.00
8.767	8.767	0.000	179113 1000.00	1000	144.42- 216.63	180.52
9.080	9.080	0.000	172389 1000.00	1000	139.00- 208.49	173.74
9.183	9.183	0.000	134505 1000.00	1000	108.45- 162.67	135.56
9.587	9.587	0.000	127920 1000.00	1000	103.14- 154.71	128.93
9.627	9.627	0.000	238291 1000.00	1000	192.13- 288.20	240.16
9.880	9.880	0.000	91725 1000.00	1000	73.96- 110.94	92.45
10.007	10.007	0.000	76360 1000.00	1000	61.57- 92.35	76.96
Average of Peak Amounts =			1e+03			

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xrl25059.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	6.817										6.747 - 6.887	6.817
Toxaphene Peak 2	6.937										6.867 - 7.007	6.937
Toxaphene Peak 3	7.410										7.340 - 7.480	7.410
Toxaphene Peak 4	7.607										7.537 - 7.677	7.607
Toxaphene Peak 5	7.830										7.760 - 7.900	7.830
Toxaphene Peak 6	7.907										7.837 - 7.977	7.907
Toxaphene Peak 7	8.233										8.163 - 8.303	8.233
Toxaphene Peak 8	8.410										8.340 - 8.480	8.410

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xr125059.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	258.08				Ave		258.083000						20.0			
Toxaphene Peak 2	241.93				Ave		241.927000						20.0			
Toxaphene Peak 3	424.93				Ave		424.926000						20.0			
Toxaphene Peak 4	345.78				Ave		345.778000						20.0			
Toxaphene Peak 5	260.82				Ave		260.816000						20.0			
Toxaphene Peak 6	509.84				Ave		509.838000						20.0			
Toxaphene Peak 7	204.03				Ave		204.025000						20.0			
Toxaphene Peak 8	125.38				Ave		125.379000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 88313

SDG No.: _____

Instrument ID: PESTGC1 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/05/2011 09:25 Calibration End Date: 10/05/2011 09:25 Calibration ID: 12594

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88313/11	xr125059.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	258083					1000				
Toxaphene Peak 2	Ave	241927					1000				
Toxaphene Peak 3	Ave	424926					1000				
Toxaphene Peak 4	Ave	345778					1000				
Toxaphene Peak 5	Ave	260816					1000				
Toxaphene Peak 6	Ave	509838					1000				
Toxaphene Peak 7	Ave	204025					1000				
Toxaphene Peak 8	Ave	125379					1000				

Curve Type Legend:

Ave = Average

Data File: xr125059.d
 Report Date: 05-Oct-2011 09:58

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/xr125059.d
 Lab Smp Id: SGT0XL3_00010
 Inj Date : 05-OCT-2011 09:25
 Operator :
 Smp Info : SGT0XL3_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b/09Xr8081.m
 Meth Date : 05-Oct-2011 09:58 ferdie
 Cal Date : 05-OCT-2011 09:25
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC1.i
 Quant Type: ESTD
 Cal File: xr125059.d
 Calibration Sample, Level: 3
 Compound Sublist: TOXAPH0.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
20 Toxaphene				CAS #: 8001-35-2		
6.817	6.817	0.000	258083 1000.00	1000	80.00- 120.00	100.00
6.937	6.937	0.000	241927 1000.00	1000	74.99- 112.49	93.74
7.410	7.410	0.000	424926 1000.00	1000	131.72- 197.58	164.65
7.607	7.607	0.000	345778 1000.00	1000	107.18- 160.78	133.98
7.830	7.830	0.000	260816 1000.00	1000	80.85- 121.27	101.06
7.907	7.907	0.000	509838 1000.00	1000	158.04- 237.06	197.55
8.233	8.233	0.000	204025 1000.00	1000	63.24- 94.86	79.05
8.410	8.410	0.000	125379 1000.00	1000	38.86- 58.30	48.58
Average of Peak Amounts =				1e+03		

Data File: xr125059.d

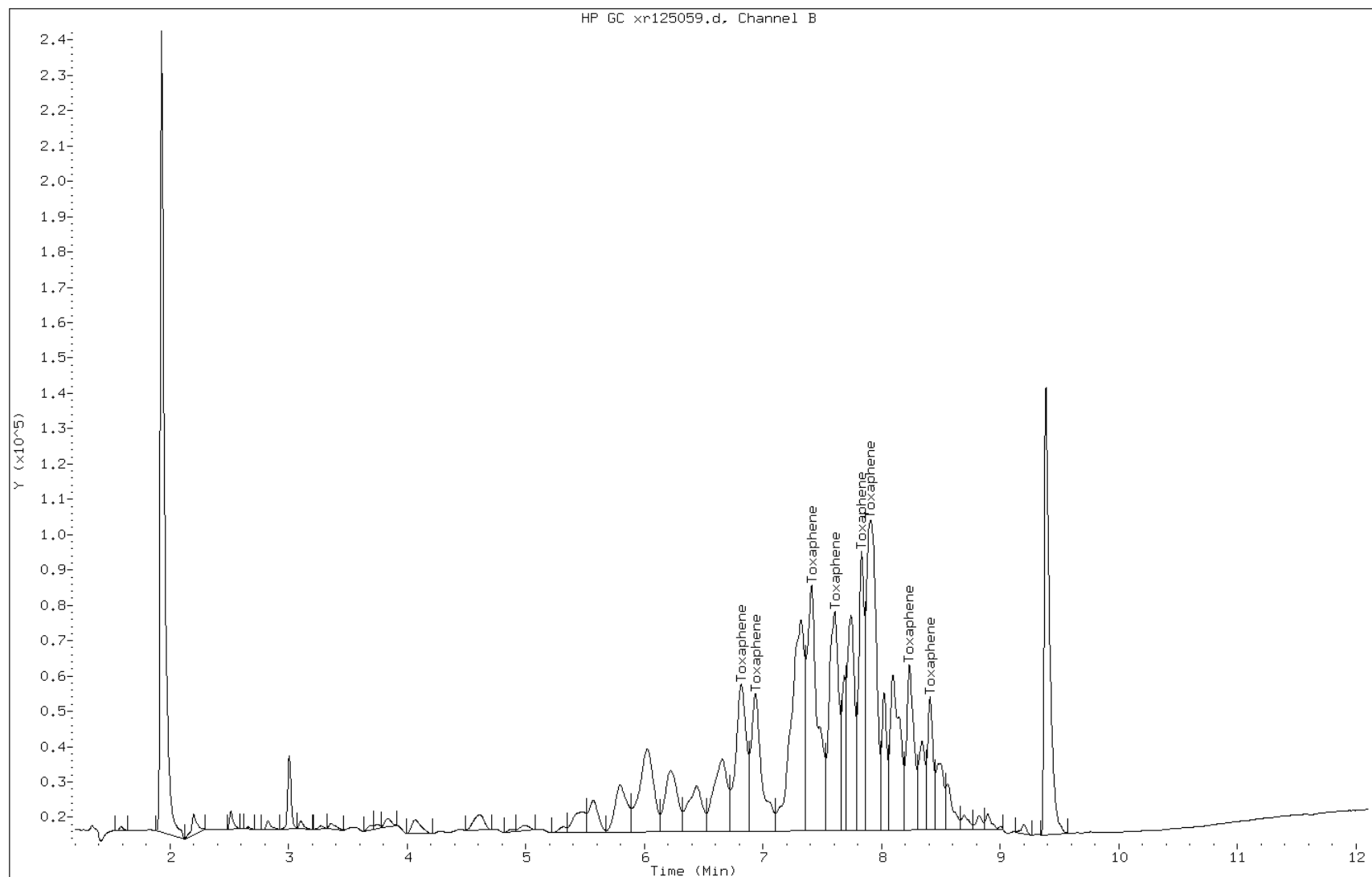
Date: 05-OCT-2011 09:25

Client ID:

Instrument: PESTGC1.i

Sample Info: SGT0XL3_00010

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12397

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/6	WF693647.D
Level 2	IC 460-87376/7	WF693648.D
Level 3	IC 460-87376/5	WF693646.D
Level 4	IC 460-87376/8	WF693649.D
Level 5	IC 460-87376/9	WF693650.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	3.897	3.903	3.890	3.903	3.900						3.853 - 3.953	3.899
gamma-BHC (Lindane)	4.673	4.677	4.667	4.677	4.673						4.627 - 4.727	4.673
beta-BHC	4.833	4.837	4.827	4.837	4.833						4.787 - 4.887	4.833
delta-BHC	5.480	5.490	5.477	5.490	5.487						5.440 - 5.540	5.485
Heptachlor	5.657	5.667	5.653	5.667	5.663						5.617 - 5.717	5.661
Aldrin	6.300	6.300	6.297	6.300	6.300						6.250 - 6.350	6.299
Heptachlor epoxide	6.937	6.937	6.933	6.937	6.937						6.867 - 7.007	6.936
gamma-Chlordane	7.130	7.133	7.133	7.130	7.130						7.063 - 7.203	7.131
alpha-Chlordane	7.287	7.287	7.287	7.283	7.287						7.217 - 7.357	7.286
Endosulfan I	7.360	7.360	7.357	7.357	7.357						7.287 - 7.427	7.358
4,4'-DDE	7.433	7.433	7.433	7.433	7.430						7.363 - 7.503	7.433
Dieldrin	7.653	7.653	7.650	7.650	7.650						7.583 - 7.723	7.651
Endrin	7.997	7.997	7.993	7.993	7.993						7.927 - 8.067	7.995
4,4'-DDD	8.067	8.070	8.067	8.067	8.067						7.997 - 8.137	8.067
Endosulfan II	8.217	8.220	8.217	8.217	8.217						8.150 - 8.290	8.217
4,4'-DDT	8.383	8.383	8.383	8.380	8.380						8.313 - 8.453	8.382
Endrin aldehyde	8.510	8.507	8.507	8.507	8.507						8.437 - 8.577	8.507
Endosulfan sulfate	8.710	8.710	8.710	8.707	8.707						8.637 - 8.777	8.709
Methoxychlor	8.873	8.873	8.873	8.870	8.870						8.803 - 8.943	8.872
Endrin ketone	9.093	9.093	9.093	9.093	9.093						9.023 - 9.163	9.093
Tetrachloro-m-xylene	2.603	2.607	2.600	2.607	2.603						2.557 - 2.657	2.604
DCB Decachlorobiphenyl	10.093	10.093	10.093	10.093	10.093						9.993 - 10.193	10.093

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12397

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/6	WF693647.D
Level 2	IC 460-87376/7	WF693648.D
Level 3	IC 460-87376/5	WF693646.D
Level 4	IC 460-87376/8	WF693649.D
Level 5	IC 460-87376/9	WF693650.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	3886.3 4304.1	4170.7	4358.7	4569.1	Ave		4257.79600				5.9		20.0			
gamma-BHC (Lindane)	3758.8 3898.8	3802.6	3906.4	4141.7	Ave		3901.65400				3.8		20.0			
beta-BHC	1992.3 1770.9	1811.7	1784.6	1871.1	Ave		1846.11240				4.9		20.0			
delta-BHC	3334.8 3813.9	3574.1	3747.6	3991.9	Ave		3692.47560				6.8		20.0			
Heptachlor	2871.7 2977.6	2798.0	2872.7	3124.3	Ave		2928.85720				4.3		20.0			
Aldrin	3591.7 3423.1	3446.0	3561.6	3640.0	Ave		3532.48920				2.7		20.0			
Heptachlor epoxide	3255.1 2910.7	3017.3	3046.1	3091.9	Ave		3064.21280				4.1		20.0			
gamma-Chlordane	3355.7 3088.4	3166.3	3199.5	3260.3	Ave		3214.02960				3.1		20.0			
alpha-Chlordane	3214.5 2871.1	2984.5	2999.4	3033.8	Ave		3020.65520				4.1		20.0			
Endosulfan I	3096.9 2794.0	2872.7	2902.9	3000.8	Ave		2933.45800				4.0		20.0			
4,4'-DDE	3037.7 2975.4	2924.8	2990.4	3087.2	Ave		3003.11640				2.1		20.0			
Dieldrin	3096.2 3020.0	3031.5	3100.1	3181.9	Ave		3085.93960				2.1		20.0			
Endrin	2548.3 2389.4	2457.6	2490.0	2535.4	Ave		2484.13120				2.6		20.0			
4,4'-DDD	2349.3 2432.1	2339.7	2435.6	2531.7	Ave		2417.68920				3.2		20.0			
Endosulfan II	2800.0 2571.6	2598.5	2646.1	2703.5	Ave		2663.93400				3.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12397

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2070.6 2067.2	1937.5	2043.1	2107.2	Ave		2045.12240				3.1		20.0			
Endrin aldehyde	2260.0 1923.8	1960.4	2007.0	2008.4	Ave		2031.93280				6.5		20.0			
Endosulfan sulfate	2329.1 2168.1	2093.2	2224.8	2235.8	Ave		2210.20200				3.9		20.0			
Methoxychlor	1063.3 916.43	915.22	991.27	953.64	Ave		967.971600				6.4		20.0			
Endrin ketone	2712.4 2435.0	2458.1	2486.8	2519.4	Ave		2522.32480				4.4		20.0			
Tetrachloro-m-xylene	3209.4 3051.8	3379.7	3019.9	3185.5	Ave		3169.25167				4.5		20.0			
DCB Decachlorobiphenyl	2184.7 1955.9	2223.3	1944.2	2007.8	Ave		2063.17433				6.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12397

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/6	WF693647.D
Level 2	IC 460-87376/7	WF693648.D
Level 3	IC 460-87376/5	WF693646.D
Level 4	IC 460-87376/8	WF693649.D
Level 5	IC 460-87376/9	WF693650.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
alpha-BHC	Ave	38863	208537	435870	1142287	2152046	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	37588	190132	390636	1035420	1949395	10.0	50.0	100	250	500
beta-BHC	Ave	19923	90583	178458	467785	885441	10.0	50.0	100	250	500
delta-BHC	Ave	33348	178707	374757	997985	1906964	10.0	50.0	100	250	500
Heptachlor	Ave	28717	139901	287268	781077	1488789	10.0	50.0	100	250	500
Aldrin	Ave	35917	172301	356160	910012	1711539	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	32551	150866	304608	772976	1455330	10.0	50.0	100	250	500
gamma-Chlordane	Ave	33557	158313	319946	815087	1544190	10.0	50.0	100	250	500
alpha-Chlordane	Ave	32145	149223	299938	758451	1435566	10.0	50.0	100	250	500
Endosulfan I	Ave	30969	143637	290294	750190	1396975	10.0	50.0	100	250	500
4,4'-DDE	Ave	30377	146240	299039	771811	1487724	10.0	50.0	100	250	500
Dieldrin	Ave	30962	151575	310005	795481	1510012	10.0	50.0	100	250	500
Endrin	Ave	25483	122878	248995	633850	1194723	10.0	50.0	100	250	500
4,4'-DDD	Ave	23493	116987	243563	632930	1216028	10.0	50.0	100	250	500
Endosulfan II	Ave	28000	129926	264605	675877	1285796	10.0	50.0	100	250	500
4,4'-DDT	Ave	20706	96876	204310	526807	1033582	10.0	50.0	100	250	500
Endrin aldehyde	Ave	22600	98019	200701	502110	961917	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	23291	104658	222482	558954	1084057	10.0	50.0	100	250	500
Methoxychlor	Ave	10633	45761	99127	238410	458214	10.0	50.0	100	250	500
Endrin ketone	Ave	27124	122903	248678	629855	1217482	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	80235	168984	301993	477818	610359	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	54618	111166	194416	301168	391177	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/WF693646.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 27-SEP-2011 05:25
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/08Wf8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Calibration Sample, Level: 3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.600	2.607	-0.007	301993	100.000	95	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.890	3.903	-0.013	435870	100.000	100	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.667	4.677	-0.010	390636	100.000	100	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
4.827	4.837	-0.010	178458	100.000	97	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
5.477	5.490	-0.013	374757	100.000	100	80.00-	120.00	100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.653	5.667	-0.014	287268	100.000	98	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.297	6.300	-0.003	356160	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.933	6.937	-0.004	304608	100.000	99	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.133	7.133	0.000	319946	100.000	100	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.287	7.287	0.000	299938	100.000	99	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.357	7.357	0.000	290294	100.000	99	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.433	7.433	0.000	299039	100.000	100	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.650	7.653	-0.003	310005	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.993	7.997	-0.004	248995	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.067	8.067	0.000	243563	100.000	100	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.217	8.220	-0.003	264605	100.000	99	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.383	8.383	0.000	204310	100.000	100	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.507	8.507	0.000	200701	100.000	99	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.710	8.707	0.003	222482	100.000	100	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.873	8.873	0.000	99127	100.000	100	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.093	9.093	0.000	248678	100.000	98	80.00-	120.00	100.00

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.093	10.093	0.000	194416	100.000	94	80.00-	120.00	100.00	

Data File: WF693646.D

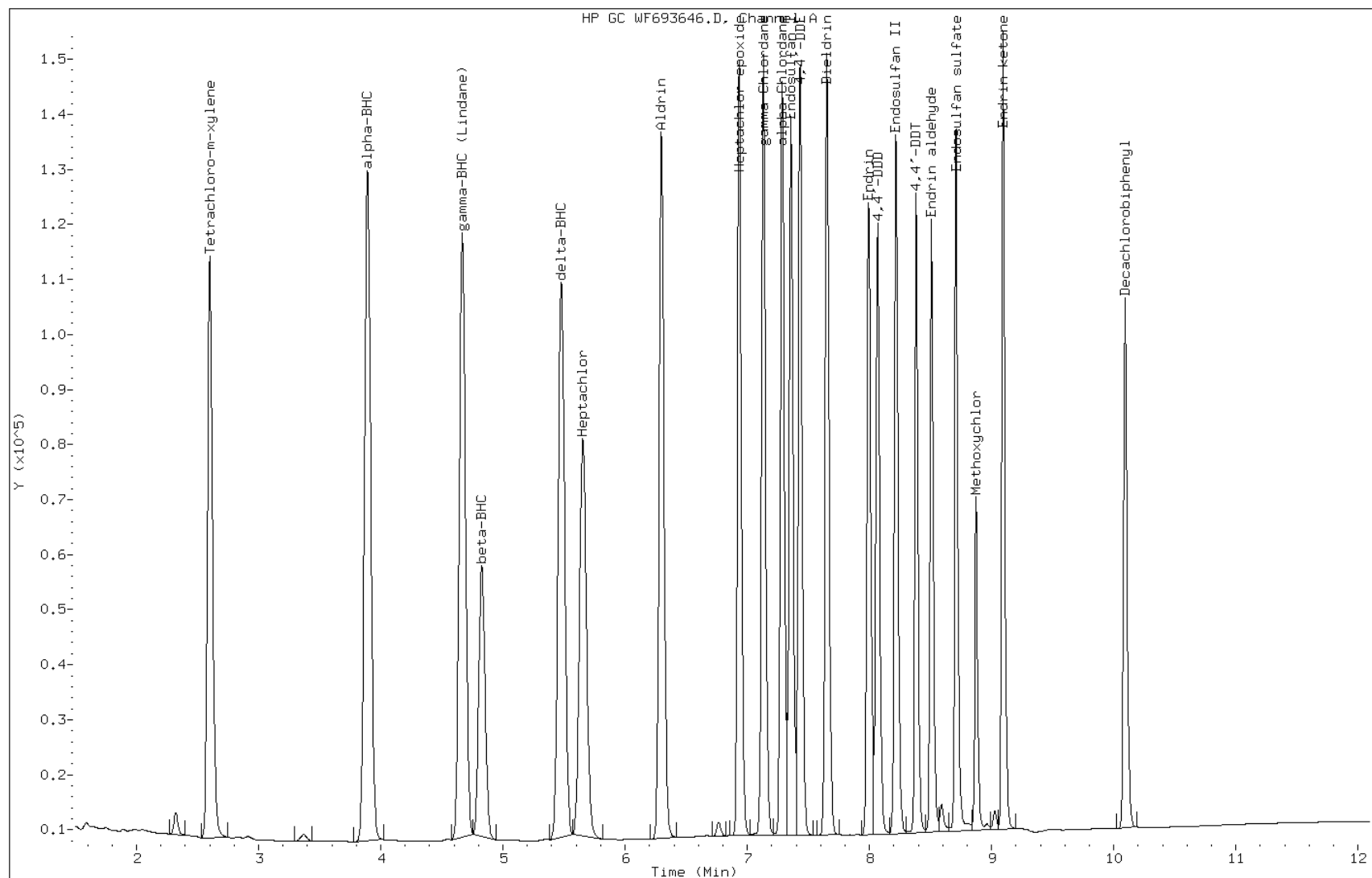
Date: 27-SEP-2011 05:25

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/WF693647.D
Lab Smp Id: SGPESTL1_00011
Inj Date : 27-SEP-2011 05:39
Operator :
Smp Info : SGPESTL1_00011
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/08Wf8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Calibration Sample, Level: 1
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL -AMT		ON -COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.603	2.607	-0.004	80235	25.0000	25	80.00-	120.00	100.00

2 alpha-BHC					CAS #:	319-84-6		
3.897	3.903	-0.006	38863	10.0000	9.1	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.673	4.677	-0.004	37588	10.0000	9.6	80.00-	120.00	100.00

3 beta-BHC					CAS #:	319-85-7		
4.833	4.837	-0.004	19923	10.0000	11	80.00-	120.00	100.00

4 delta-BHC					CAS #:	319-86-8		
5.480	5.490	-0.010	33348	10.0000	9.0	80.00-	120.00	100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
5.657	5.667	-0.010	28717	10.0000	9.8	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
6.300	6.300	0.000	35917	10.0000	10	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.937	6.937	0.000	32551	10.0000	11	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.130	7.133	-0.003	33557	10.0000	10	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.287	7.287	0.000	32145	10.0000	11	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.360	7.357	0.003	30969	10.0000	10	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.433	7.433	0.000	30377	10.0000	10	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
7.653	7.653	0.000	30962	10.0000	10	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.997	7.997	0.000	25483	10.0000	10	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.067	8.067	0.000	23493	10.0000	9.7	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.217	8.220	-0.003	28000	10.0000	10	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.383	8.383	0.000	20706	10.0000	10	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
8.510	8.507	0.003	22600	10.0000	11	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
8.710	8.707	0.003	23291	10.0000	10	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
8.873	8.873	0.000	10633	10.0000	11	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.093	9.093	0.000	27124	10.0000	11	80.00-	120.00	100.00
CAS #: 53494-70-5								

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO
			RESPONSE (ug/L)	(ug/L)	(ug/L)		
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.093	10.093	0.000	54618	25.0000	26	80.00- 120.00	100.00

Data File: WF693647.D

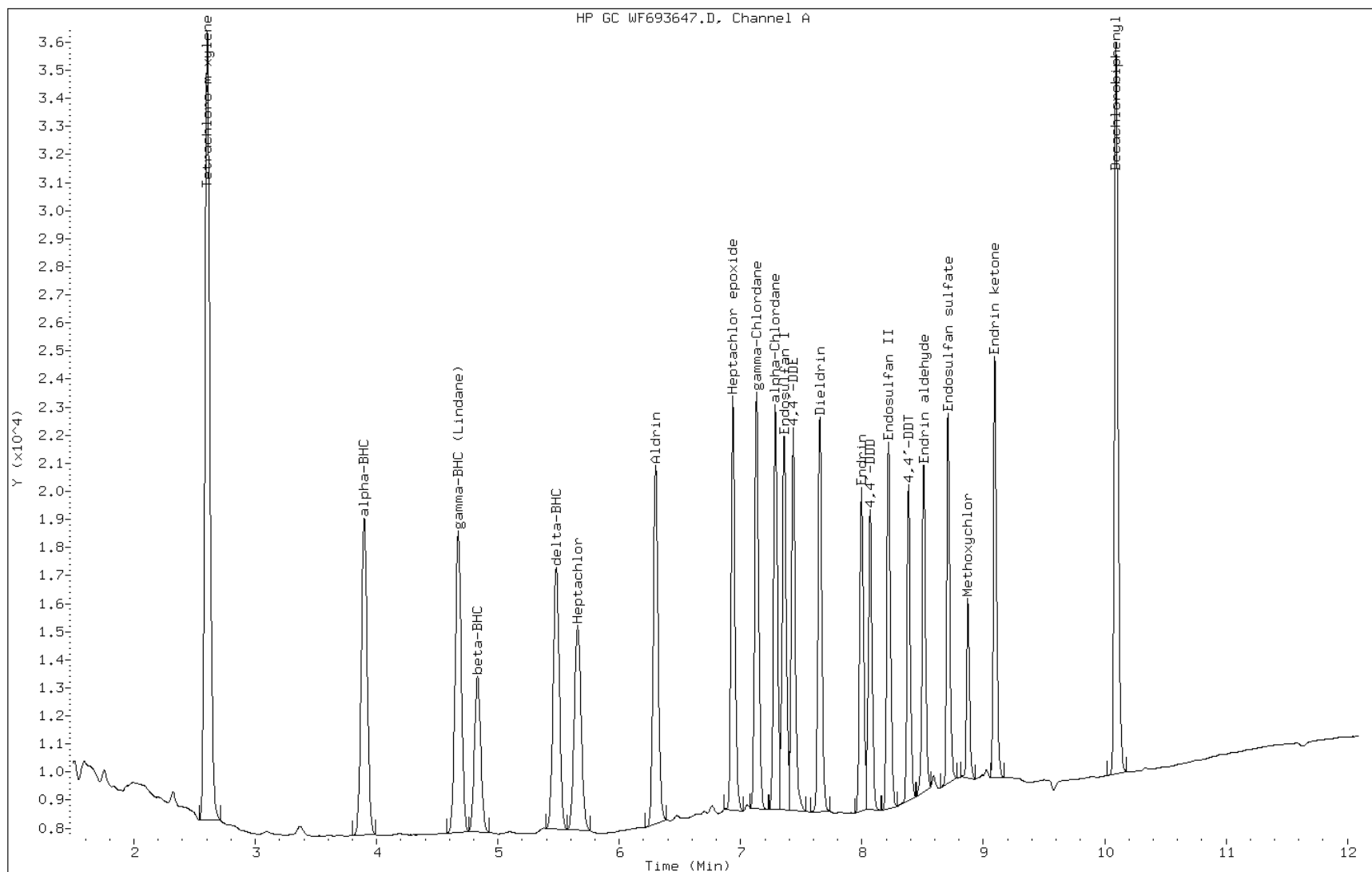
Date: 27-SEP-2011 05:39

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL1_00011

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/WF693648.D
Lab Smp Id: SGPESTL2_00008
Inj Date : 27-SEP-2011 05:53
Operator :
Smp Info : SGPESTL2_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/08Wf8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Calibration Sample, Level: 2
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8				
2.607	2.607	0.000	168984	50.0000	53	80.00-	120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6				
3.903	3.903	0.000	208537	50.0000	49	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9				
4.677	4.677	0.000	190132	50.0000	49	80.00-	120.00	100.00	

3 beta-BHC					CAS #: 319-85-7				
4.837	4.837	0.000	90583	50.0000	49	80.00-	120.00	100.00	

4 delta-BHC					CAS #: 319-86-8				
5.490	5.490	0.000	178707	50.0000	48	80.00-	120.00	100.00	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.667	5.667	0.000	139901	50.0000	48	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.300	6.300	0.000	172301	50.0000	49	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.937	6.937	0.000	150866	50.0000	49	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.133	7.133	0.000	158313	50.0000	49	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.287	7.287	0.000	149223	50.0000	49	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.360	7.357	0.003	143637	50.0000	49	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.433	7.433	0.000	146240	50.0000	49	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.653	7.653	0.000	151575	50.0000	49	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.997	7.997	0.000	122878	50.0000	49	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.070	8.067	0.003	116987	50.0000	48	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.220	8.220	0.000	129926	50.0000	49	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.383	8.383	0.000	96876	50.0000	47	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.507	8.507	0.000	98019	50.0000	48	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.710	8.707	0.003	104658	50.0000	47	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.873	8.873	0.000	45761	50.0000	47	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.093	9.093	0.000	122903	50.0000	49	80.00-	120.00	100.00

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.093	10.093	0.000	111166	50.0000	54	80.00- 120.00	100.00		

Data File: WF693648.D

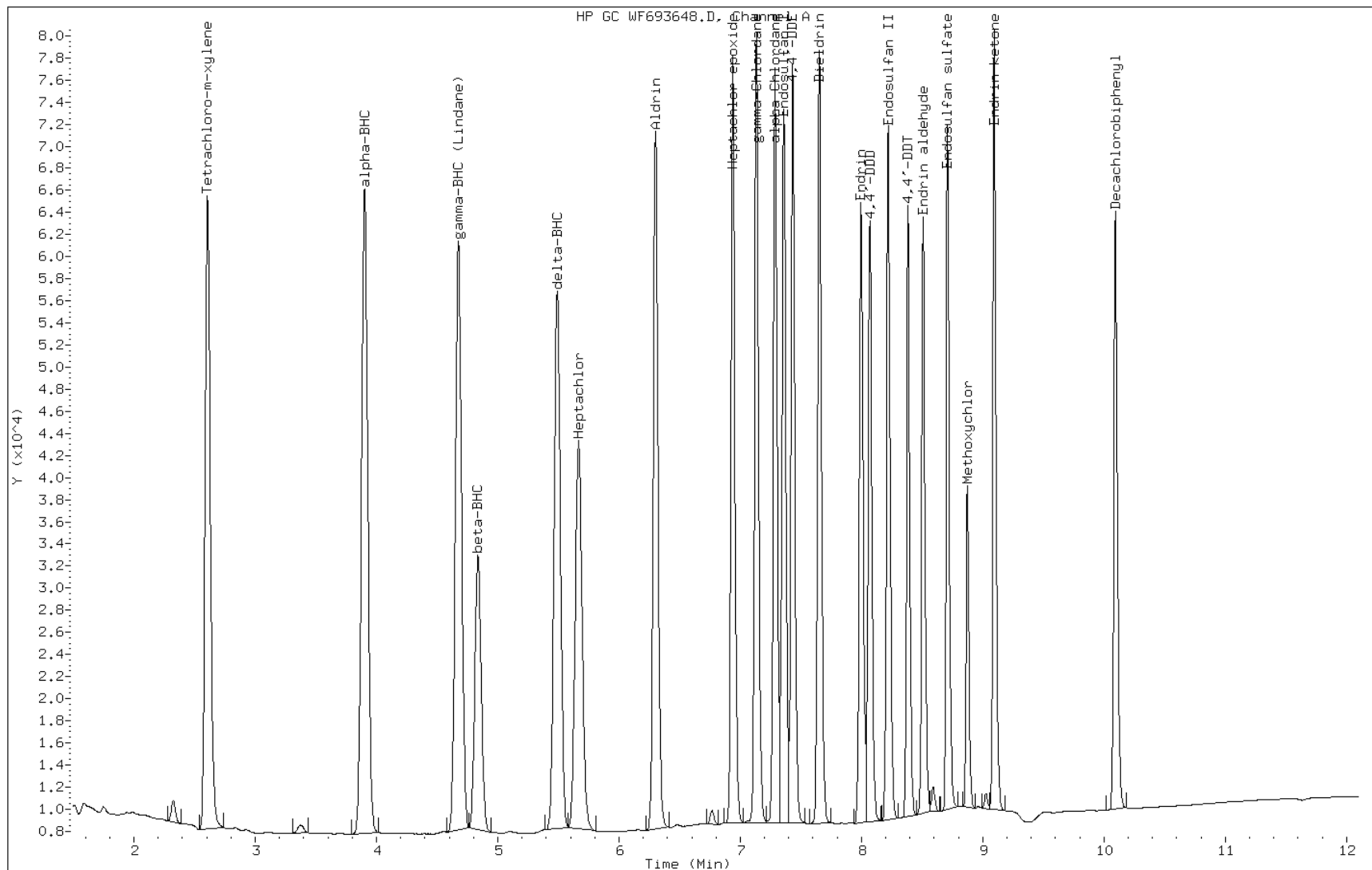
Date: 27-SEP-2011 05:53

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL2_00008

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/WF693649.D
Lab Smp Id: SGPESTL4_00008
Inj Date : 27-SEP-2011 06:07
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL4_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/08Wf8081.m
Meth Date : 27-Sep-2011 07:42 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WF693652.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.607	2.607	0.000	477818	150.000	150	80.00- 120.00		100.00

2 alpha-BHC					CAS #:	319-84-6		
3.903	3.903	0.000	1142287	250.000	270	80.00- 120.00		100.00

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.677	4.677	0.000	1035420	250.000	260	80.00- 120.00		100.00

3 beta-BHC					CAS #:	319-85-7		
4.837	4.837	0.000	467785	250.000	250	80.00- 120.00		100.00

4 delta-BHC					CAS #:	319-86-8		
5.490	5.490	0.000	997985	250.000	270	80.00- 120.00		100.00

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
5.667	5.667	0.000	781077	250.000	270	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
6.300	6.300	0.000	910012	250.000	260	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.937	6.937	0.000	772976	250.000	250	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.130	7.133	-0.003	815087	250.000	250	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.283	7.287	-0.004	758451	250.000	250	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.357	7.357	0.000	750190	250.000	260	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.433	7.433	0.000	771811	250.000	260	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
7.650	7.653	-0.003	795481	250.000	260	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.993	7.997	-0.004	633850	250.000	260	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.067	8.067	0.000	632930	250.000	260	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
8.217	8.220	-0.003	675877	250.000	250	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.380	8.383	-0.003	526807	250.000	260	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
8.507	8.507	0.000	502110	250.000	250	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
8.707	8.707	0.000	558954	250.000	250	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
8.870	8.873	-0.003	238410	250.000	250	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.093	9.093	0.000	629855	250.000	250	80.00-	120.00	100.00
CAS #: 53494-70-5								

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		RATIO
			RESPONSE (ug/L)	(ug/L)	TARGET	RANGE	
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.093	10.093	0.000	301168	150.000	140	80.00- 120.00	100.00

Data File: WF693649.D

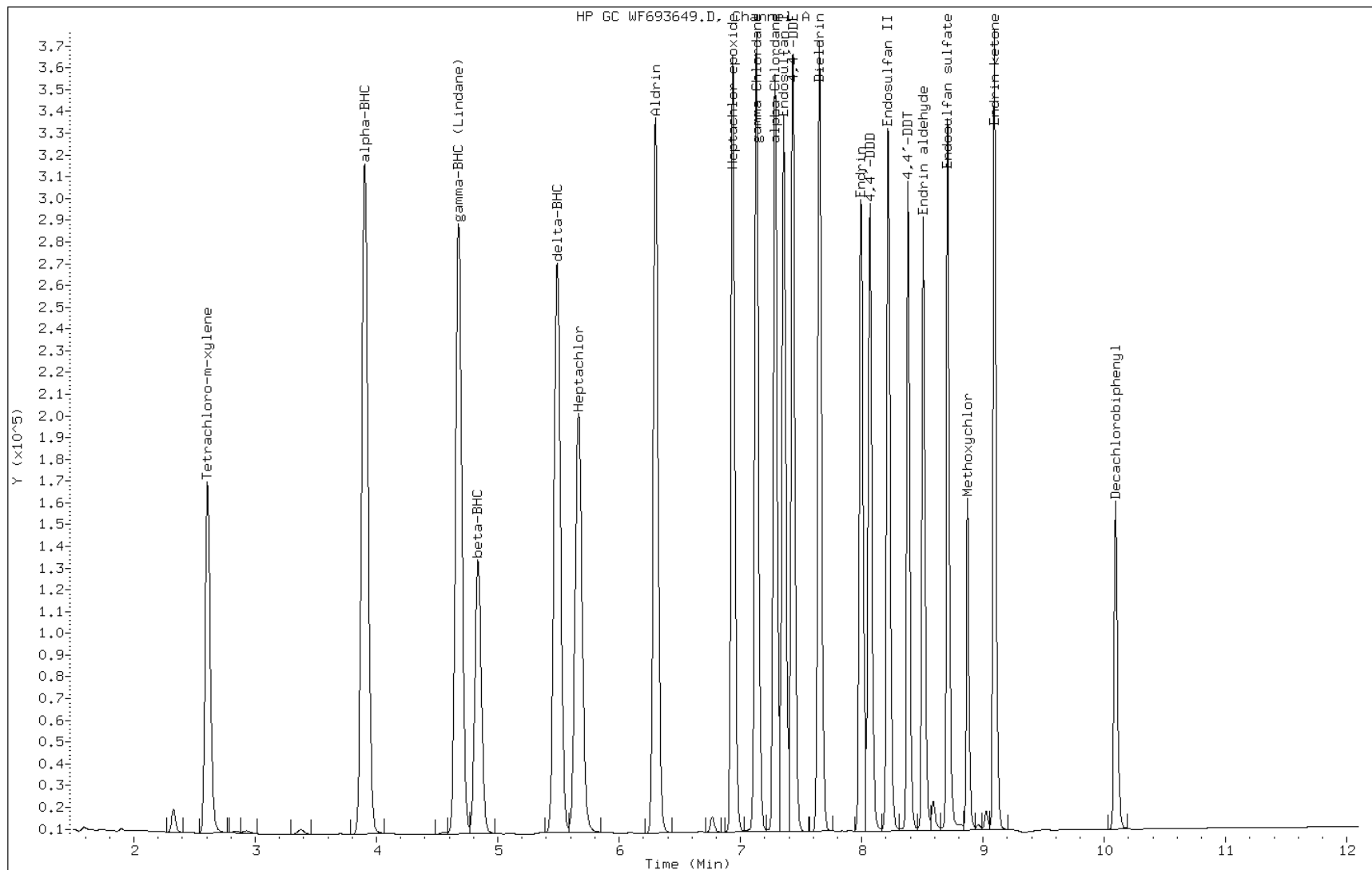
Date: 27-SEP-2011 06:07

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL4_00008

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/WF693650.D
Lab Smp Id: SGPESTL5_00008
Inj Date : 27-SEP-2011 06:20
Operator :
Smp Info : SGPESTL5_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/08Wf8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Calibration Sample, Level: 5
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.603	2.607	-0.004	610359	200.000	190	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
3.900	3.903	-0.003	2152046	500.000	500	80.00- 120.00	100.00(A)	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.673	4.677	-0.004	1949395	500.000	500	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
4.833	4.837	-0.004	885441	500.000	480	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
5.487	5.490	-0.003	1906964	500.000	520	80.00- 120.00	100.00(A)	

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
5.663	5.667	-0.004	1488789	500.000	510	80.00-	120.00	100.00(A)
CAS #: 76-44-8								

1 Aldrin								
6.300	6.300	0.000	1711539	500.000	480	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.937	6.937	0.000	1455330	500.000	470	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
7.130	7.133	-0.003	1544190	500.000	480	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
7.287	7.287	0.000	1435566	500.000	480	80.00-	120.00	100.00
CAS #: 5103-71-9								

11 Endosulfan I								
7.357	7.357	0.000	1396975	500.000	480	80.00-	120.00	100.00
CAS #: 959-98-8								

8 4,4'-DDE								
7.430	7.433	-0.003	1487724	500.000	500	80.00-	120.00	100.00
CAS #: 72-55-9								

10 Dieldrin								
7.650	7.653	-0.003	1510012	500.000	490	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.993	7.997	-0.004	1194723	500.000	480	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
8.067	8.067	0.000	1216028	500.000	500	80.00-	120.00	100.00(A)
CAS #: 72-54-8								

12 Endosulfan II								
8.217	8.220	-0.003	1285796	500.000	480	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
8.380	8.383	-0.003	1033582	500.000	500	80.00-	120.00	100.00(A)
CAS #: 50-29-3								

15 Endrin aldehyde								
8.507	8.507	0.000	961917	500.000	470	80.00-	120.00	100.00
CAS #: 7421-93-4								

13 Endosulfan sulfate								
8.707	8.707	0.000	1084057	500.000	490	80.00-	120.00	100.00
CAS #: 1031-07-8								

19 Methoxychlor								
8.870	8.873	-0.003	458214	500.000	470	80.00-	120.00	100.00
CAS #: 72-43-5								

16 Endrin ketone								
9.093	9.093	0.000	1217482	500.000	480	80.00-	120.00	100.00
CAS #: 53494-70-5								

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
10.093	10.093	0.000	391177	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

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

Data File: WF693650.D

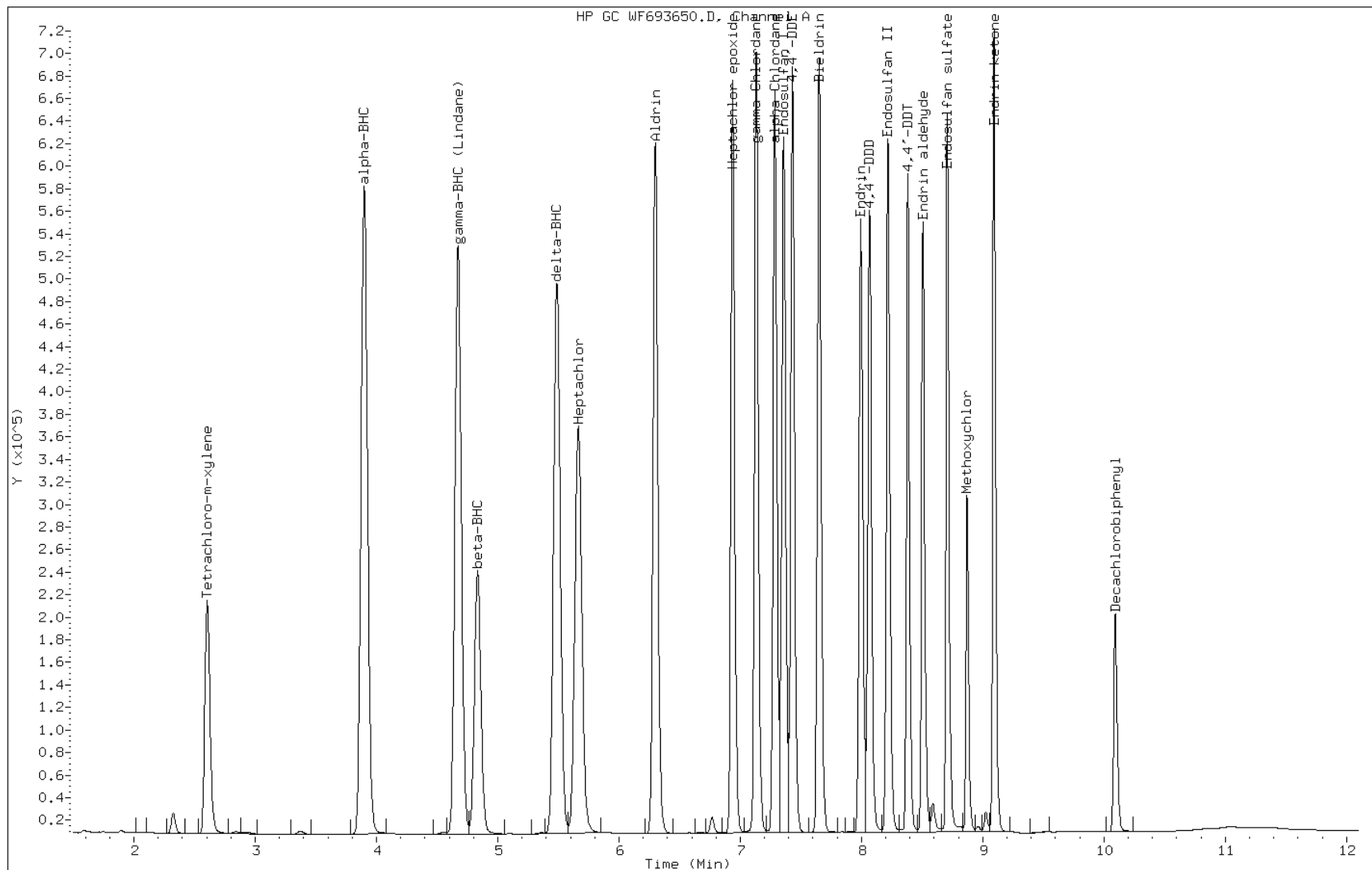
Date: 27-SEP-2011 06:20

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL5_00008

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/6	WR693647.D
Level 2	IC 460-87376/7	WR693648.D
Level 3	IC 460-87376/5	WR693646.D
Level 4	IC 460-87376/8	WR693649.D
Level 5	IC 460-87376/9	WR693650.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
alpha-BHC	2.750	2.757	2.740	2.757	2.753						2.707 - 2.807	2.751
gamma-BHC (Lindane)	3.373	3.373	3.370	3.377	3.373						3.327 - 3.427	3.373
beta-BHC	3.547	3.543	3.543	3.547	3.540						3.497 - 3.597	3.544
delta-BHC	3.907	3.900	3.893	3.903	3.897						3.853 - 3.953	3.900
Heptachlor	4.313	4.320	4.307	4.320	4.317						4.273 - 4.373	4.315
Aldrin	4.907	4.917	4.903	4.917	4.913						4.867 - 4.967	4.911
Heptachlor epoxide	6.123	6.127	6.120	6.127	6.123						6.057 - 6.197	6.124
gamma-Chlordane	6.300	6.300	6.297	6.300	6.300						6.233 - 6.373	6.299
alpha-Chlordane	6.463	6.463	6.460	6.460	6.460						6.393 - 6.533	6.461
4,4'-DDE	6.533	6.537	6.530	6.533	6.533						6.467 - 6.607	6.533
Endosulfan I	6.613	6.613	6.610	6.613	6.613						6.543 - 6.683	6.613
Dieldrin	6.843	6.850	6.843	6.847	6.847						6.780 - 6.920	6.846
Endrin	7.077	7.080	7.077	7.077	7.077						7.010 - 7.150	7.077
4,4'-DDD	7.127	7.127	7.123	7.123	7.123						7.053 - 7.193	7.125
Endosulfan II	7.303	7.303	7.303	7.300	7.300						7.233 - 7.373	7.302
4,4'-DDT	7.407	7.407	7.403	7.407	7.407						7.337 - 7.477	7.406
Endrin aldehyde	7.733	7.733	7.733	7.733	7.733						7.663 - 7.803	7.733
Methoxychlor	7.900	7.900	7.900	7.897	7.897						7.830 - 7.970	7.899
Endosulfan sulfate	8.197	8.197	8.197	8.197	8.197						8.127 - 8.267	8.197
Endrin ketone	8.447	8.443	8.443	8.443	8.443						8.373 - 8.513	8.444
Tetrachloro-m-xylene	2.077	2.077	2.073	2.077	2.073						2.027 - 2.127	2.075
DCB Decachlorobiphenyl	9.133	9.133	9.133	9.133	9.133						9.033 - 9.233	9.133

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/6	WR693647.D
Level 2	IC 460-87376/7	WR693648.D
Level 3	IC 460-87376/5	WR693646.D
Level 4	IC 460-87376/8	WR693649.D
Level 5	IC 460-87376/9	WR693650.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
alpha-BHC	3585.8 3786.1	3733.8	3840.1	4032.8	Ave		3795.72640				4.3		20.0			
gamma-BHC (Lindane)	3490.7 3546.8	3524.8	3608.7	3790.3	Ave		3592.24560				3.3		20.0			
beta-BHC	1782.9 1606.2	1661.4	1659.9	1719.4	Ave		1685.96400				4.0		20.0			
delta-BHC	3200.2 3537.4	3363.7	3512.3	3667.6	Ave		3456.22440				5.2		20.0			
Heptachlor	3590.1 3252.1	3364.9	3419.3	3503.4	Ave		3425.97080				3.8		20.0			
Aldrin	3232.3 3416.6	3339.3	3454.7	3627.8	Ave		3414.12400				4.3		20.0			
Heptachlor epoxide	3342.2 3008.6	3160.8	3178.2	3243.0	Ave		3186.55880				3.8		20.0			
gamma-Chlordane	3691.0 2938.7	3096.5	3043.6	3142.9	Ave		3182.51440				9.2		20.0			
alpha-Chlordane	3263.4 2680.7	2821.3	2764.3	2847.5	Ave		2875.41920				7.9		20.0			
4,4'-DDE	2895.9 2750.3	2753.4	2823.3	2916.6	Ave		2827.90040				2.7		20.0			
Endosulfan I	2916.4 2609.8	2701.7	2719.6	2791.7	Ave		2747.83960				4.2		20.0			
Dieldrin	2906.6 2757.9	2807.1	2867.3	2936.4	Ave		2855.05960				2.5		20.0			
Endrin	2496.5 2167.5	2340.1	2404.3	2319.9	Ave		2345.67160				5.2		20.0			
4,4'-DDD	2443.0 2504.3	2430.3	2455.1	2644.9	Ave		2495.52520				3.5		20.0			
Endosulfan II	2761.5 2445.0	2560.4	2566.7	2599.4	Ave		2586.59920				4.4		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12398

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
4,4'-DDT	2555.1 2415.3	2418.4	2471.5	2513.5	Ave		2474.75160				2.4		20.0			
Endrin aldehyde	2400.4 2024.7	2133.3	2122.5	2132.9	Ave		2162.76200				6.5		20.0			
Methoxychlor	1458.4 1112.9	1240.2	1263.5	1197.0	Ave		1254.40840				10.2		20.0			
Endosulfan sulfate	2518.4 2182.1	2292.0	2293.1	2313.3	Ave		2319.75040				5.3		20.0			
Endrin ketone	2791.3 2386.9	2531.0	2536.1	2538.2	Ave		2556.69320				5.7		20.0			
Tetrachloro-m-xylene	2664.8 2543.2	2810.0	2500.2	2652.5	Ave		2634.11833				4.6		20.0			
DCB Decachlorobiphenyl	2598.7 2175.8	2541.4	2189.9	2281.3	Ave		2357.42200				8.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 05:25 Calibration End Date: 09/27/2011 06:20 Calibration ID: 12398

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/6	WR693647.D
Level 2	IC 460-87376/7	WR693648.D
Level 3	IC 460-87376/5	WR693646.D
Level 4	IC 460-87376/8	WR693649.D
Level 5	IC 460-87376/9	WR693650.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
alpha-BHC	Ave	35858	186690	384006	1008211	1893064	10.0	50.0	100	250	500
gamma-BHC (Lindane)	Ave	34907	176240	360869	947566	1773387	10.0	50.0	100	250	500
beta-BHC	Ave	17829	83070	165986	429857	803116	10.0	50.0	100	250	500
delta-BHC	Ave	32002	168184	351229	916890	1768696	10.0	50.0	100	250	500
Heptachlor	Ave	35901	168246	341930	875851	1626065	10.0	50.0	100	250	500
Aldrin	Ave	32323	166963	345472	906946	1708278	10.0	50.0	100	250	500
Heptachlor epoxide	Ave	33422	158042	317817	810756	1504280	10.0	50.0	100	250	500
gamma-Chlordane	Ave	36910	154823	304357	785714	1469343	10.0	50.0	100	250	500
alpha-Chlordane	Ave	32634	141063	276426	711881	1340326	10.0	50.0	100	250	500
4,4'-DDE	Ave	28959	137670	282334	729142	1375147	10.0	50.0	100	250	500
Endosulfan I	Ave	29164	135083	271963	697917	1304920	10.0	50.0	100	250	500
Dieldrin	Ave	29066	140353	286730	734104	1378961	10.0	50.0	100	250	500
Endrin	Ave	24965	117007	240434	579968	1083753	10.0	50.0	100	250	500
4,4'-DDD	Ave	24430	121513	245513	661226	1252166	10.0	50.0	100	250	500
Endosulfan II	Ave	27615	128019	256669	649850	1222513	10.0	50.0	100	250	500
4,4'-DDT	Ave	25551	120919	247145	628381	1207652	10.0	50.0	100	250	500
Endrin aldehyde	Ave	24004	106663	212253	533221	1012368	10.0	50.0	100	250	500
Methoxychlor	Ave	14584	62012	126350	299256	556439	10.0	50.0	100	250	500
Endosulfan sulfate	Ave	25184	114598	229307	578316	1091029	10.0	50.0	100	250	500
Endrin ketone	Ave	27913	126549	253613	634541	1193446	10.0	50.0	100	250	500
Tetrachloro-m-xylene	Ave	66619	140499	250015	397879	508635	25.0	50.0	100	150	200
DCB Decachlorobiphenyl	Ave	64967	127070	218994	342192	435162	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: WR693646.D
Report Date: 27-Sep-2011 07:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/WR693646.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 27-SEP-2011 05:25
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/08Wr8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693652.D
Calibration Sample, Level: 3
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.073	2.073	0.000	250015	100.000	95	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.740	2.740	0.000	384006	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.370	3.370	0.000	360869	100.000	100	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.543	3.543	0.000	165986	100.000	98	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.893	3.893	0.000	351229	100.000	100	80.00- 120.00	100.00	

Data File: WR693646.D
Report Date: 27-Sep-2011 07:42

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.307	4.307	0.000	341930	100.000	100	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
4.903	4.903	0.000	345472	100.000	100	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.120	6.120	0.000	317817	100.000	100	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
6.297	6.297	0.000	304357	100.000	96	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
6.460	6.460	0.000	276426	100.000	96	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
6.530	6.530	0.000	282334	100.000	100	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
6.610	6.610	0.000	271963	100.000	99	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
6.843	6.843	0.000	286730	100.000	100	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.077	7.077	0.000	240434	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
7.123	7.123	0.000	245513	100.000	98	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
7.303	7.303	0.000	256669	100.000	99	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
7.403	7.403	0.000	247145	100.000	100	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.733	7.733	0.000	212253	100.000	98	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.900	7.900	0.000	126350	100.000	100	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.197	8.197	0.000	229307	100.000	99	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.443	8.443	0.000	253613	100.000	99	80.00-	120.00	100.00

Data File: WR693646.D
 Report Date: 27-Sep-2011 07:42

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.133	9.133	0.000	218994	100.000	93	80.00-	120.00	100.00	

Data File: WR693646.D

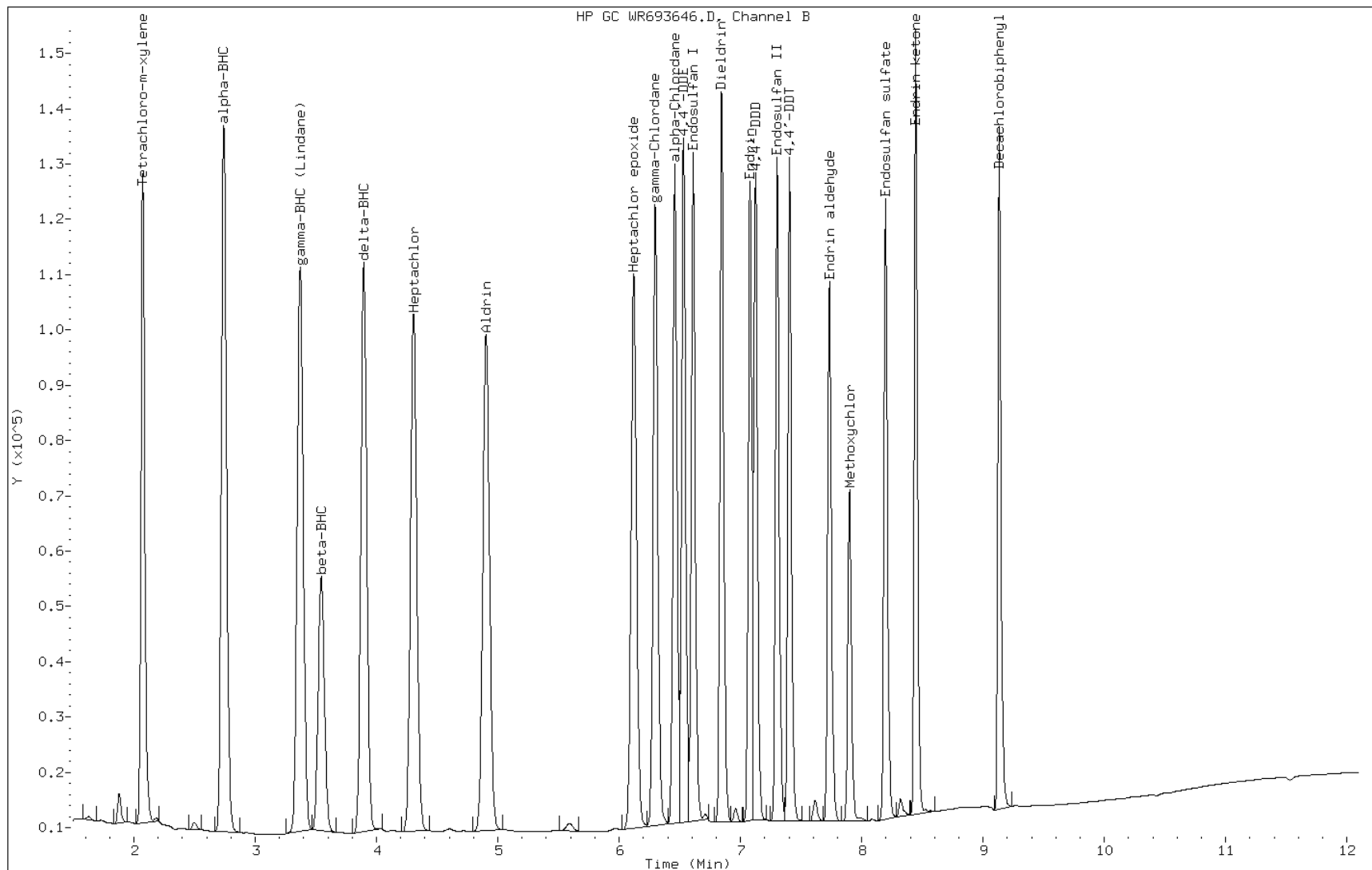
Date: 27-SEP-2011 05:25

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



Data File: WR693647.D
Report Date: 27-Sep-2011 07:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/WR693647.D
Lab Smp Id: SGPESTL1_00011
Inj Date : 27-SEP-2011 05:39
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL1_00011
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/08Wr8081.m
Meth Date : 27-Sep-2011 07:42 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 05:39 Cal File: WR693647.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8				
2.077	2.073	0.004	66619	25.0000	25	80.00-	120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6				
2.750	2.740	0.010	35858	10.0000	9.4	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9				
3.373	3.370	0.003	34907	10.0000	9.7	80.00-	120.00	100.00	

3 beta-BHC					CAS #: 319-85-7				
3.547	3.543	0.004	17829	10.0000	10	80.00-	120.00	100.00	

4 delta-BHC					CAS #: 319-86-8				
3.907	3.893	0.014	32002	10.0000	9.2	80.00-	120.00	100.00	

Data File: WR693647.D
Report Date: 27-Sep-2011 07:42

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8			
4.313	4.307	0.006	35901	10.0000	10	80.00-	120.00	100.00

1	Aldrin				CAS #: 309-00-2			
4.907	4.903	0.004	32323	10.0000	9.5	80.00-	120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3			
6.123	6.120	0.003	33422	10.0000	10	80.00-	120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2			
6.300	6.297	0.003	36910	10.0000	12	80.00-	120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9			
6.463	6.460	0.003	32634	10.0000	11	80.00-	120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9			
6.533	6.530	0.003	28959	10.0000	10	80.00-	120.00	100.00

11	Endosulfan I				CAS #: 959-98-8			
6.613	6.610	0.003	29164	10.0000	11	80.00-	120.00	100.00

10	Dieldrin				CAS #: 60-57-1			
6.843	6.843	0.000	29066	10.0000	10	80.00-	120.00	100.00

14	Endrin				CAS #: 72-20-8			
7.077	7.077	0.000	24965	10.0000	11	80.00-	120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8			
7.127	7.123	0.004	24430	10.0000	9.8	80.00-	120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9			
7.303	7.303	0.000	27615	10.0000	11	80.00-	120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3			
7.407	7.403	0.004	25551	10.0000	10	80.00-	120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4			
7.733	7.733	0.000	24004	10.0000	11	80.00-	120.00	100.00

19	Methoxychlor				CAS #: 72-43-5			
7.900	7.900	0.000	14584	10.0000	12	80.00-	120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8			
8.197	8.197	0.000	25184	10.0000	11	80.00-	120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5			
8.447	8.443	0.004	27913	10.0000	11	80.00-	120.00	100.00

Data File: WR693647.D
 Report Date: 27-Sep-2011 07:42

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.133	9.133	0.000	64967	25.0000	28	80.00-	120.00	100.00	

Data File: WR693647.D

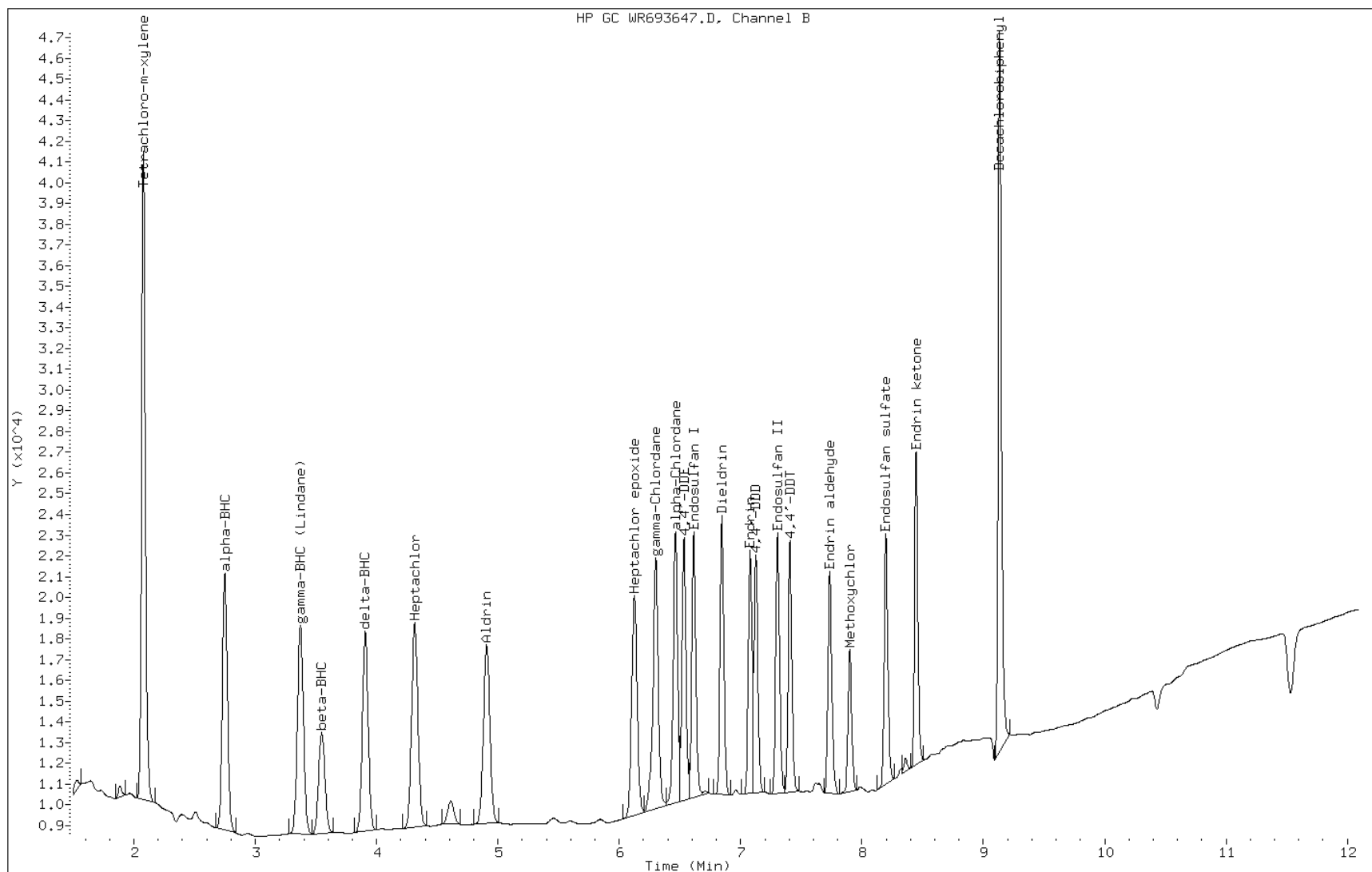
Date: 27-SEP-2011 05:39

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL1_00011

Operator:



Data File: WR693648.D
Report Date: 27-Sep-2011 07:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/WR693648.D
Lab Smp Id: SGPESTL2_00008
Inj Date : 27-SEP-2011 05:53
Operator :
Smp Info : SGPESTL2_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/08Wr8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 05:53
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693648.D
Calibration Sample, Level: 2
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS							
			CAL-AMT		ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)							
			CAS #: 877-09-8				
2.077	2.073	0.004	140499	50.0000	53	80.00- 120.00	100.00

2 alpha-BHC			CAS #: 319-84-6				
2.757	2.740	0.017	186690	50.0000	49	80.00- 120.00	100.00

5 gamma-BHC (Lindane)			CAS #: 58-89-9				
3.373	3.370	0.003	176240	50.0000	49	80.00- 120.00	100.00

3 beta-BHC			CAS #: 319-85-7				
3.543	3.543	0.000	83070	50.0000	49	80.00- 120.00	100.00

4 delta-BHC			CAS #: 319-86-8				
3.900	3.893	0.007	168184	50.0000	49	80.00- 120.00	100.00

Data File: WR693648.D
Report Date: 27-Sep-2011 07:42

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.320	4.307	0.013	168246	50.0000	49	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
4.917	4.903	0.014	166963	50.0000	49	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.127	6.120	0.007	158042	50.0000	50	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
6.300	6.297	0.003	154823	50.0000	49	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
6.463	6.460	0.003	141063	50.0000	49	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
6.537	6.530	0.007	137670	50.0000	49	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
6.613	6.610	0.003	135083	50.0000	49	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
6.850	6.843	0.007	140353	50.0000	49	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.080	7.077	0.003	117007	50.0000	50	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
7.127	7.123	0.004	121513	50.0000	49	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
7.303	7.303	0.000	128019	50.0000	49	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
7.407	7.403	0.004	120919	50.0000	49	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
7.733	7.733	0.000	106663	50.0000	49	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
7.900	7.900	0.000	62012	50.0000	49	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.197	8.197	0.000	114598	50.0000	49	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
8.443	8.443	0.000	126549	50.0000	49	80.00-	120.00	100.00

Data File: WR693648.D
 Report Date: 27-Sep-2011 07:42

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.133	9.133	0.000	127070	50.0000	54	80.00-	120.00	100.00	

Data File: WR693648.D

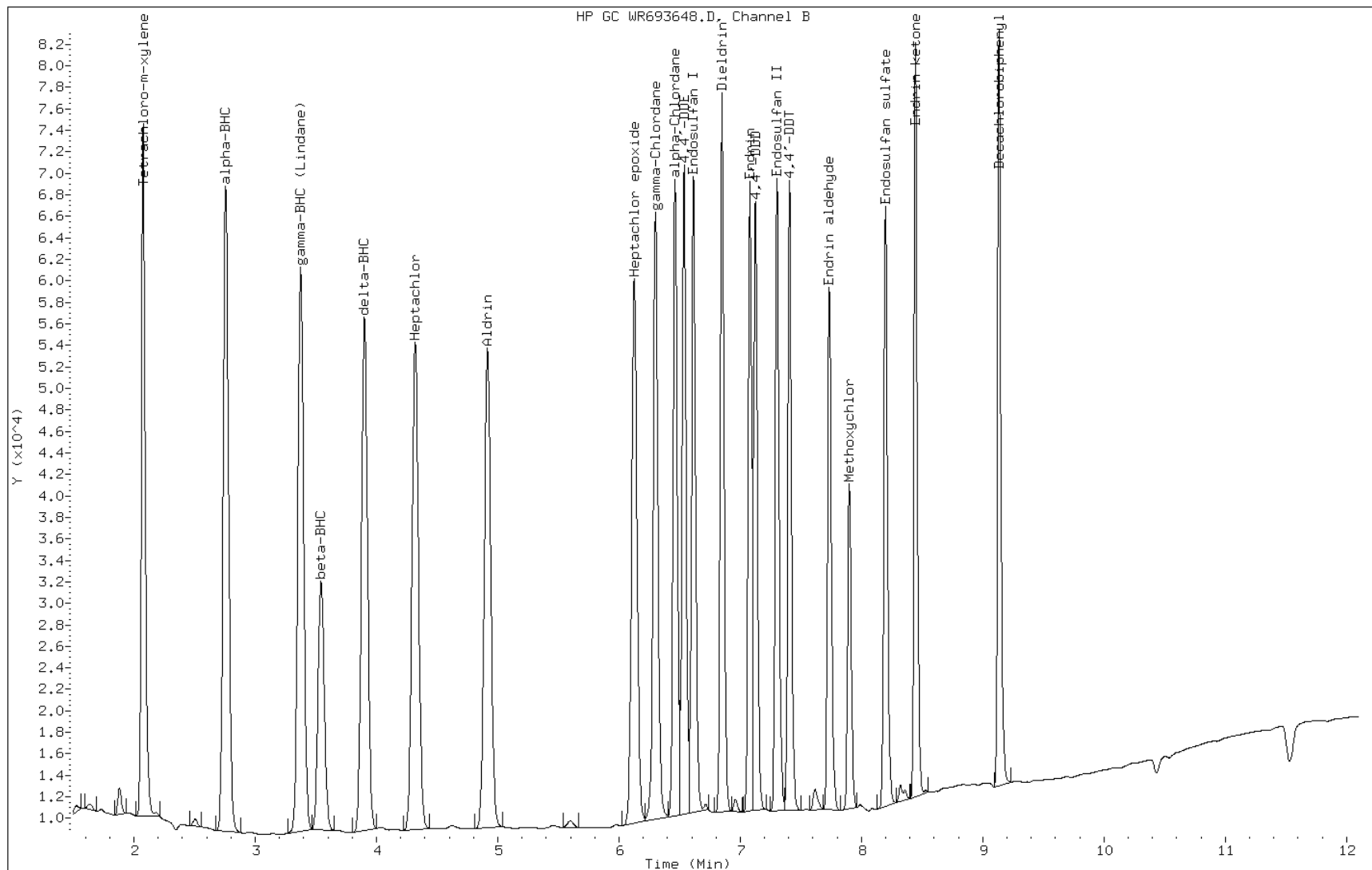
Date: 27-SEP-2011 05:53

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL2_00008

Operator:



Data File: WR693649.D
Report Date: 27-Sep-2011 07:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/WR693649.D
Lab Smp Id: SGPESTL4_00008
Inj Date : 27-SEP-2011 06:07
Operator :
Smp Info : SGPESTL4_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/08Wr8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 06:07
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693649.D
Calibration Sample, Level: 4
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
2.077	2.073	0.004	397879	150.000	150	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
2.757	2.740	0.017	1008211	250.000	260	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.377	3.370	0.007	947566	250.000	260	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
3.547	3.543	0.004	429857	250.000	250	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
3.903	3.893	0.010	916890	250.000	260	80.00- 120.00	100.00		

Data File: WR693649.D
Report Date: 27-Sep-2011 07:42

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor								
4.320	4.307	0.013	875851	250.000	260	80.00-	120.00	100.00
CAS #: 76-44-8								

1 Aldrin								
4.917	4.903	0.014	906946	250.000	260	80.00-	120.00	100.00
CAS #: 309-00-2								

18 Heptachlor epoxide								
6.127	6.120	0.007	810756	250.000	250	80.00-	120.00	100.00
CAS #: 1024-57-3								

65 gamma-Chlordane								
6.300	6.297	0.003	785714	250.000	250	80.00-	120.00	100.00
CAS #: 5103-74-2								

66 alpha-Chlordane								
6.460	6.460	0.000	711881	250.000	250	80.00-	120.00	100.00
CAS #: 5103-71-9								

8 4,4'-DDE								
6.533	6.530	0.003	729142	250.000	260	80.00-	120.00	100.00
CAS #: 72-55-9								

11 Endosulfan I								
6.613	6.610	0.003	697917	250.000	250	80.00-	120.00	100.00
CAS #: 959-98-8								

10 Dieldrin								
6.847	6.843	0.004	734104	250.000	260	80.00-	120.00	100.00
CAS #: 60-57-1								

14 Endrin								
7.077	7.077	0.000	579968	250.000	250	80.00-	120.00	100.00
CAS #: 72-20-8								

7 4,4'-DDD								
7.123	7.123	0.000	661226	250.000	260	80.00-	120.00	100.00
CAS #: 72-54-8								

12 Endosulfan II								
7.300	7.303	-0.003	649850	250.000	250	80.00-	120.00	100.00
CAS #: 33213-65-9								

9 4,4'-DDT								
7.407	7.403	0.004	628381	250.000	250	80.00-	120.00	100.00
CAS #: 50-29-3								

15 Endrin aldehyde								
7.733	7.733	0.000	533221	250.000	250	80.00-	120.00	100.00
CAS #: 7421-93-4								

19 Methoxychlor								
7.897	7.900	-0.003	299256	250.000	240	80.00-	120.00	100.00
CAS #: 72-43-5								

13 Endosulfan sulfate								
8.197	8.197	0.000	578316	250.000	250	80.00-	120.00	100.00
CAS #: 1031-07-8								

16 Endrin ketone								
8.443	8.443	0.000	634541	250.000	250	80.00-	120.00	100.00
CAS #: 53494-70-5								

Data File: WR693649.D
Report Date: 27-Sep-2011 07:42

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.133	9.133	0.000	342192	150.000	140	80.00-	120.00	100.00	

Data File: WR693649.D

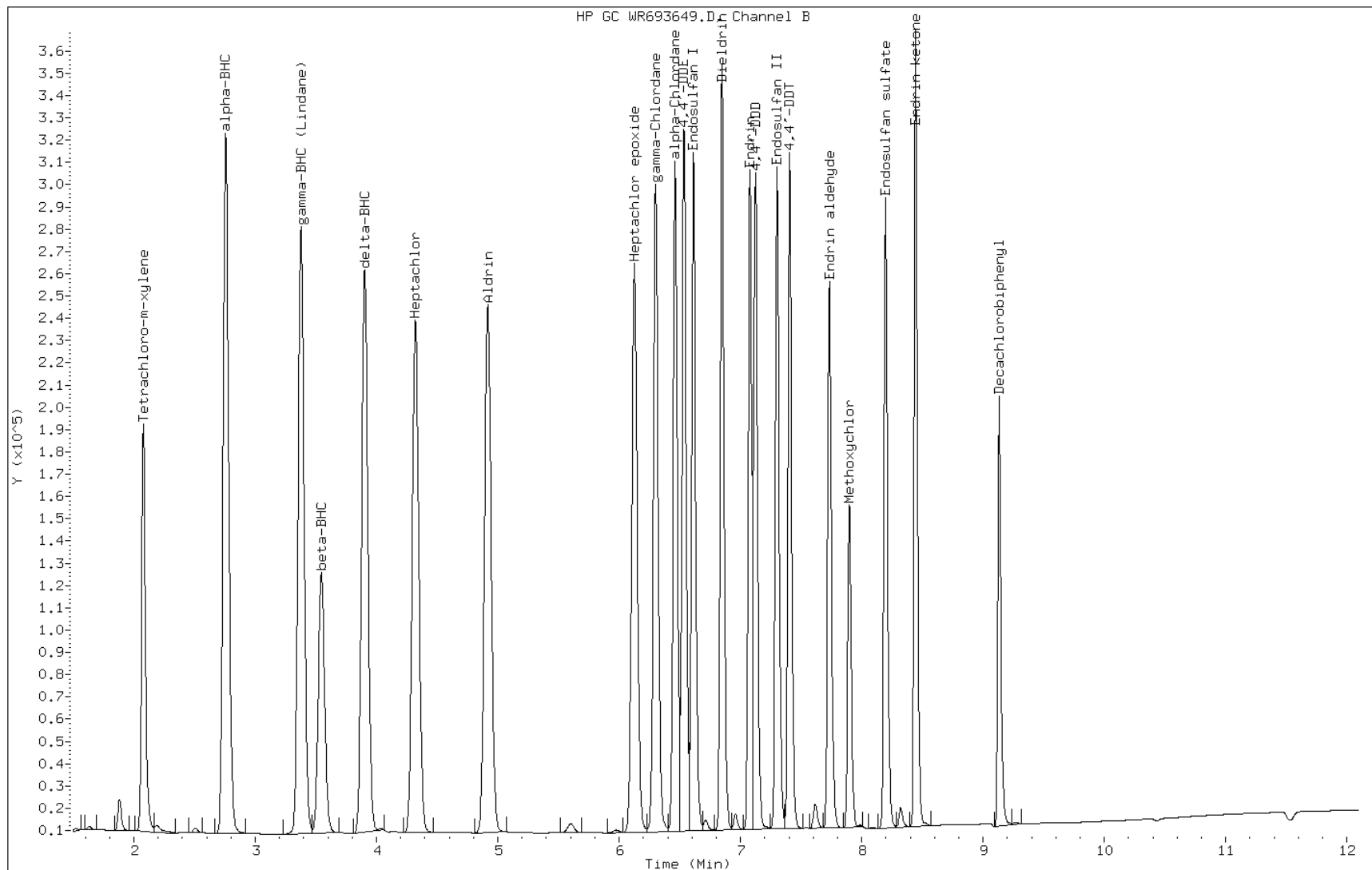
Date: 27-SEP-2011 06:07

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL4_00008

Operator:



Data File: WR693650.D
Report Date: 27-Sep-2011 07:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/WR693650.D
Lab Smp Id: SGPESTL5_00008
Inj Date : 27-SEP-2011 06:20
Operator : Inst ID: PESTGC4.i
Smp Info : SGPESTL5_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/08Wr8081.m
Meth Date : 27-Sep-2011 07:42 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:20 Cal File: WR693650.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.073	2.073	0.000	508635	200.000	190	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
2.753	2.740	0.013	1893064	500.000	500	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
3.373	3.370	0.003	1773387	500.000	490	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
3.540	3.543	-0.003	803116	500.000	480	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
3.897	3.893	0.004	1768696	500.000	510	80.00- 120.00	100.00(A)	

Data File: WR693650.D
Report Date: 27-Sep-2011 07:42

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
4.317	4.307	0.010	1626065	500.000	470	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.913	4.903	0.010	1708278	500.000	500	80.00-	120.00	100.00(A)

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.123	6.120	0.003	1504280	500.000	470	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.300	6.297	0.003	1469343	500.000	460	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.460	6.460	0.000	1340326	500.000	470	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.533	6.530	0.003	1375147	500.000	490	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.613	6.610	0.003	1304920	500.000	470	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.847	6.843	0.004	1378961	500.000	480	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.077	7.077	0.000	1083753	500.000	460	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.123	7.123	0.000	1252166	500.000	500	80.00-	120.00	100.00(A)

12 Endosulfan II						CAS #:	33213-65-9	
7.300	7.303	-0.003	1222513	500.000	470	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.407	7.403	0.004	1207652	500.000	490	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.733	7.733	0.000	1012368	500.000	470	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.897	7.900	-0.003	556439	500.000	440	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.197	8.197	0.000	1091029	500.000	470	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.443	8.443	0.000	1193446	500.000	470	80.00-	120.00	100.00

Data File: WR693650.D
Report Date: 27-Sep-2011 07:42

				AMOUNTS					
				CAL-AMT	ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)									
CAS #: 2051-24-3									
9.133	9.133	0.000	435162	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

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

Data File: WR693650.D

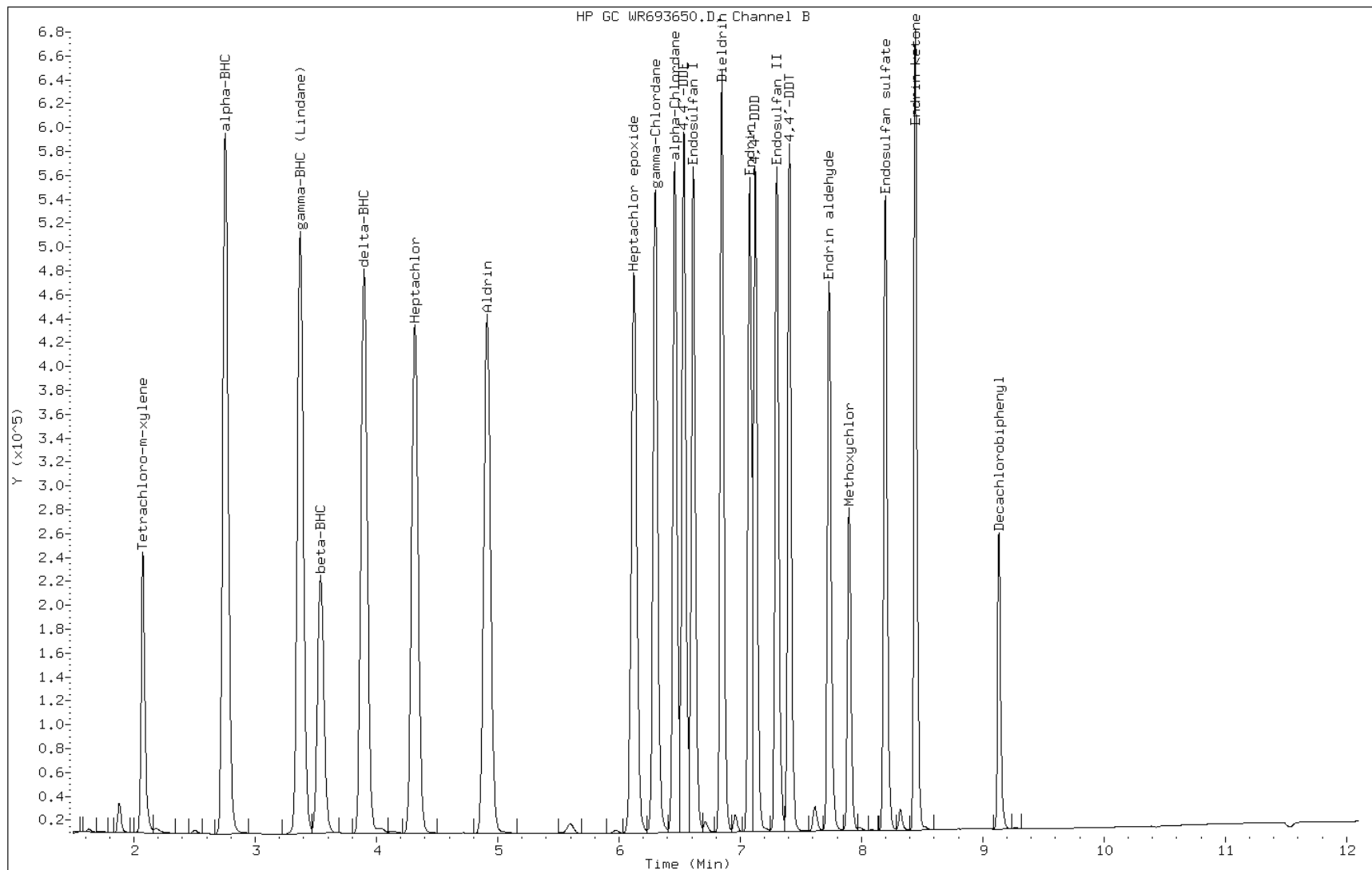
Date: 27-SEP-2011 06:20

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL5_00008

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 06:48 Calibration End Date: 09/27/2011 06:48 Calibration ID: 12401

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/11	WF693652.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.923										7.853 - 7.993	7.923
Toxaphene Peak 2	8.297										8.227 - 8.367	8.297
Toxaphene Peak 3	8.513										8.443 - 8.583	8.513
Toxaphene Peak 4	8.580										8.510 - 8.650	8.580
Toxaphene Peak 5	8.880										8.810 - 8.950	8.880
Toxaphene Peak 6	8.920										8.850 - 8.990	8.920
Toxaphene Peak 7	9.170										9.100 - 9.240	9.170
Toxaphene Peak 8	9.307										9.237 - 9.377	9.307

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 06:48 Calibration End Date: 09/27/2011 06:48 Calibration ID: 12401

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/11	WF693652.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	99.112				Ave		99.1120000						20.0			
Toxaphene Peak 2	164.87				Ave		164.8700000						20.0			
Toxaphene Peak 3	156.04				Ave		156.0420000						20.0			
Toxaphene Peak 4	162.82				Ave		162.8210000						20.0			
Toxaphene Peak 5	166.26				Ave		166.2610000						20.0			
Toxaphene Peak 6	231.88				Ave		231.8780000						20.0			
Toxaphene Peak 7	67.124				Ave		67.1240000						20.0			
Toxaphene Peak 8	79.445				Ave		79.4450000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-2 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 06:48 Calibration End Date: 09/27/2011 06:48 Calibration ID: 12401

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/11	WF693652.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	99112					1000				
Toxaphene Peak 2	Ave	164870					1000				
Toxaphene Peak 3	Ave	156042					1000				
Toxaphene Peak 4	Ave	162821					1000				
Toxaphene Peak 5	Ave	166261					1000				
Toxaphene Peak 6	Ave	231878					1000				
Toxaphene Peak 7	Ave	67124					1000				
Toxaphene Peak 8	Ave	79445					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/WF693652.D
Lab Smp Id: SGT0XL3_00010
Inj Date : 27-SEP-2011 06:48
Operator :
Smp Info : SGT0XL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11a.b/08Wf8081.m
Meth Date : 27-Sep-2011 07:42 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Calibration Sample, Level: 3
Compound Sublist: TOXAPH0.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
20 Toxaphene			CAS #: 8001-35-2			
7.923	7.923	0.000	99112 1000.00	1000	80.00- 120.00	100.00
8.297	8.297	0.000	164870 1000.00	1000	133.08- 199.62	166.35
8.513	8.513	0.000	156042 1000.00	1000	125.95- 188.93	157.44
8.580	8.580	0.000	162821 1000.00	1000	131.42- 197.14	164.28
8.880	8.880	0.000	166261 1000.00	1000	134.20- 201.30	167.75
8.920	8.920	0.000	231878 1000.00	1000	187.16- 280.75	233.96
9.170	9.170	0.000	67124 1000.00	1000	54.18- 81.27	67.73
9.307	9.307	0.000	79445 1000.00	1000	64.13- 96.19	80.16
Average of Peak Amounts =			1e+03			

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 06:48 Calibration End Date: 09/27/2011 06:48 Calibration ID: 12402

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/11	WR693652.D

ANALYTE	LVL 1										RT WINDOW	AVG RT
Toxaphene Peak 1	7.363										7.293 - 7.433	7.363
Toxaphene Peak 2	7.420										7.350 - 7.490	7.420
Toxaphene Peak 3	7.633										7.563 - 7.703	7.633
Toxaphene Peak 4	7.707										7.637 - 7.777	7.707
Toxaphene Peak 5	8.093										8.023 - 8.163	8.093
Toxaphene Peak 6	8.163										8.093 - 8.233	8.163
Toxaphene Peak 7	8.427										8.357 - 8.497	8.427
Toxaphene Peak 8	8.540										8.470 - 8.610	8.540

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 06:48 Calibration End Date: 09/27/2011 06:48 Calibration ID: 12402

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/11	WR693652.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
Toxaphene Peak 1	124.95				Ave		124.954000						20.0			
Toxaphene Peak 2	126.78				Ave		126.783000						20.0			
Toxaphene Peak 3	252.01				Ave		252.013000						20.0			
Toxaphene Peak 4	159.23				Ave		159.230000						20.0			
Toxaphene Peak 5	158.60				Ave		158.600000						20.0			
Toxaphene Peak 6	257.50				Ave		257.497000						20.0			
Toxaphene Peak 7	104.42				Ave		104.422000						20.0			
Toxaphene Peak 8	69.011				Ave		69.0110000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87376

SDG No.: _____

Instrument ID: PESTGC4 GC Column: CLP-1 ID: 0.53 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2011 06:48 Calibration End Date: 09/27/2011 06:48 Calibration ID: 12402

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87376/11	WR693652.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
Toxaphene Peak 1	Ave	124954					1000				
Toxaphene Peak 2	Ave	126783					1000				
Toxaphene Peak 3	Ave	252013					1000				
Toxaphene Peak 4	Ave	159230					1000				
Toxaphene Peak 5	Ave	158600					1000				
Toxaphene Peak 6	Ave	257497					1000				
Toxaphene Peak 7	Ave	104422					1000				
Toxaphene Peak 8	Ave	69011					1000				

Curve Type Legend:

Ave = Average

Data File: WR693652.D
 Report Date: 27-Sep-2011 07:42

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/WR693652.D
 Lab Smp Id: SGT0XL3_00010
 Inj Date : 27-SEP-2011 06:48
 Operator : Inst ID: PESTGC4.i
 Smp Info : SGT0XL3_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11a.b/08Wr8081.m
 Meth Date : 27-Sep-2011 07:42 ferdie Quant Type: ESTD
 Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
 Als bottle: 1 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: TOXAPH0.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			AMOUNTS					
			CAL -AMT		ON -COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
20 Toxaphene					CAS #: 8001-35-2			
7.363	7.363	0.000	124954	1000.00	1000	80.00-	120.00	100.00
7.420	7.420	0.000	126783	1000.00	1000	81.17-	121.76	101.46
7.633	7.633	0.000	252013	1000.00	1000	161.35-	242.02	201.68
7.707	7.707	0.000	159230	1000.00	1000	101.94-	152.92	127.43
8.093	8.093	0.000	158600	1000.00	1000	101.54-	152.31	126.93
8.163	8.163	0.000	257497	1000.00	1000	164.86-	247.29	206.07
8.427	8.427	0.000	104422	1000.00	1000	66.85-	100.28	83.57
8.540	8.540	0.000	69011	1000.00	1000	44.18-	66.27	55.23
Average of Peak Amounts =					1e+03			

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID (2): RESC 460-87399/4 Instrument ID (2): PESTGC4

GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 09/27/2011 07:58

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	0.00	100
Endosulfan I	7.39	100
4,4'-DDE	7.46	89.3
Dieldrin	7.68	100
Endosulfan sulfate	8.72	100
Methoxychlor	8.89	100
Endrin ketone	9.11	100
DCB Decachlorobiphenyl	10.11	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID (1): RESC 460-87399/4 Instrument ID (1): PESTGC4
GC Column (1): CLP-1 ID: 0.53(mm) Date Analyzed (1): 09/27/2011 07:58

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.08	100
gamma-Chlordane	6.32	100
4,4'-DDE	6.55	93.1
Endosulfan I	6.63	100
Dieldrin	6.86	100
Methoxychlor	7.91	100
Endosulfan sulfate	8.21	100
Endrin ketone	8.45	100
DCB Decachlorobiphenyl	9.14	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID (2): RESC 460-88872/4 Instrument ID (2): PESTGC1

GC Column (2): CLP-2 ID: 0.53(mm) Date Analyzed (2): 10/06/2011 11:29

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	2.60	100
gamma-Chlordane	7.47	100
Endosulfan I	7.74	100
4,4'-DDE	7.83	100
Dieldrin	8.06	100
Endosulfan sulfate	9.37	100
Methoxychlor	9.58	100
Endrin ketone	9.81	100
DCB Decachlorobiphenyl	10.76	100

FORM VI
RESOLUTION CHECK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Lab Sample ID (1): RESC 460-88872/4 Instrument ID (1): PESTGC1

GC Column (1): CLP-1 ID: 0.53(mm) Date Analyzed (1): 10/06/2011 11:29

ANALYTE	RT	RESOLUTION (%)
Tetrachloro-m-xylene	1.92	100
gamma-Chlordane	4.30	100
4,4'-DDE	4.83	65.8
Endosulfan I	4.94	100
Dieldrin	5.54	100
Methoxychlor	7.69	100
Endosulfan sulfate	7.94	100
Endrin ketone	8.25	100
DCB Decachlorobiphenyl	9.38	100

FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: PEM 460-88872/3 Calibration Date: 10/06/2011 10:47
Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
Lab File ID: xf125119.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	8.42	558583	8.74	15	
Endrin aldehyde	9.07	17110			
Endrin ketone	9.81	36375			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.89	533831	8.25	15	
4,4'-DDD	8.51	31351			
4,4'-DDE	7.83	16670			

Data File: xf125119.d
 Report Date: 10-Oct-2011 09:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125119.d
 Lab Smp Id: SGDDT/EI_00015
 Inj Date : 06-OCT-2011 10:47
 Operator : Inst ID: PESTGC1.i
 Smp Info : SGDDT/EI_00015
 Misc Info :
 Comment :
 Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
 Meth Date : 10-Oct-2011 09:40 ferdie Quant Type: ESTD
 Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: END_DDT.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET RANGE		RATIO	
==	=====	=====	RESPONSE	(ug/L)	(ug/kg)	=====	=====	=====	=====
7 4,4'-DDD									
8.510	8.510	0.000	31351	11.8230	7.9	80.00-	120.00	100.00	
CAS #: 72-54-8									
8 4,4'-DDE									
7.827	7.827	0.000	16670	5.38802	3.6	80.00-	120.00	100.00(a)	
CAS #: 72-55-9									
9 4,4'-DDT									
8.890	8.890	0.000	533831	210.042	140	80.00-	120.00	100.00	
CAS #: 50-29-3									
14 Endrin									
8.420	8.423	-0.003	558583	209.038	140	80.00-	120.00	100.00	
CAS #: 72-20-8									
15 Endrin aldehyde									
9.073	9.070	0.003	17110	7.57829	5.0	80.00-	120.00	100.00(a)	
CAS #: 7421-93-4									

Data File: xf125119.d
Report Date: 10-Oct-2011 09:40

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
16 Endrin ketone				CAS #: 53494-70-5					
9.807	9.807	0.000		36375	14.6982	9.8	80.00- 120.00	100.00	

QC Flag Legend

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

Data File: xf125119.d

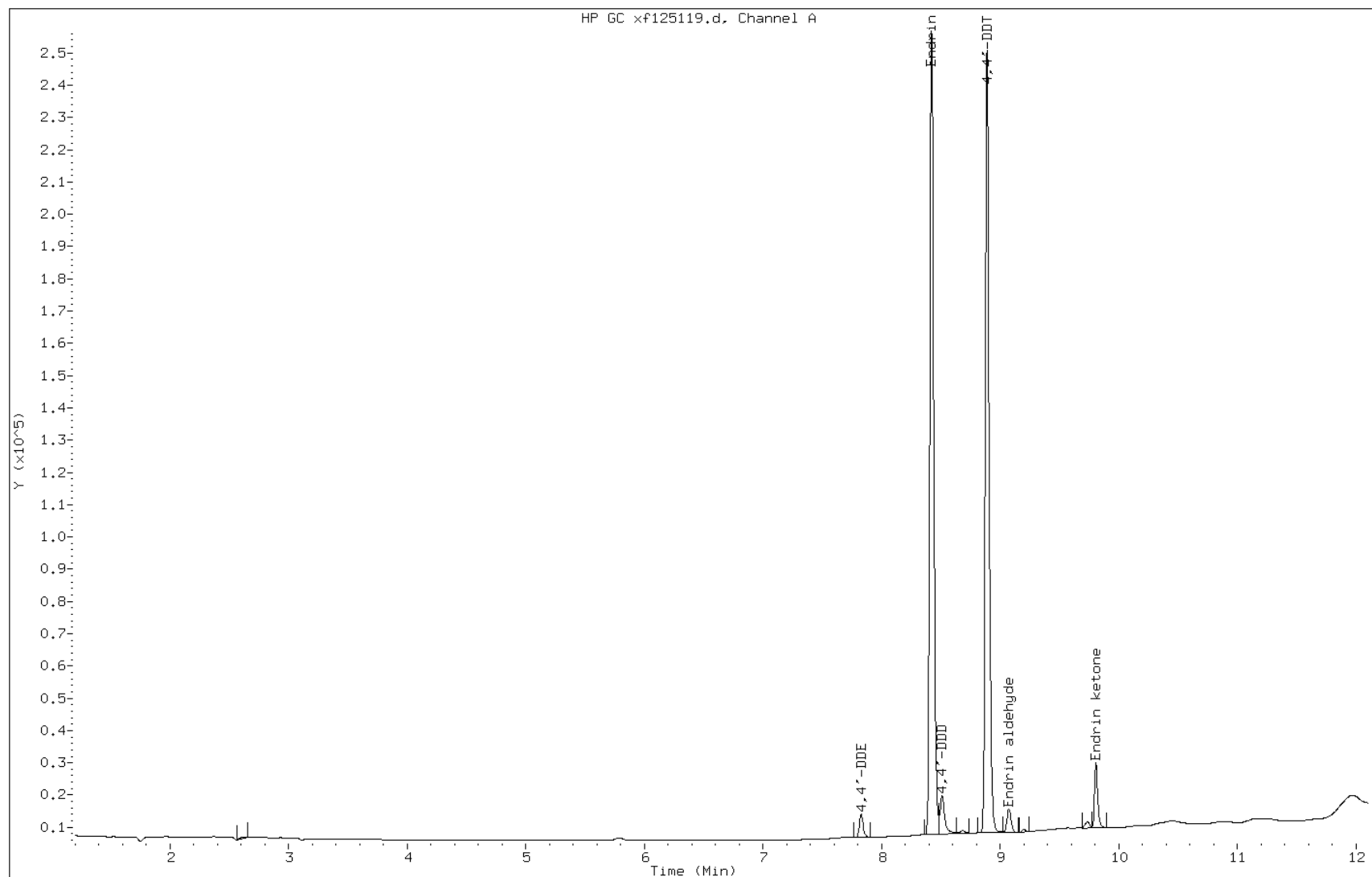
Date: 06-OCT-2011 10:47

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: PEM 460-88872/3 Calibration Date: 10/06/2011 10:47
Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
Lab File ID: xr125119.d Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	6.13	1292544	7.54	15	
Endrin aldehyde	7.44	34482			
Endrin ketone	8.25	70994			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	6.98	1239231	6.31	15	
4,4'-DDD	6.33	47979			
4,4'-DDE	4.84	35455			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125119.d
Lab Smp Id: SGDDT/EI_00015
Inj Date : 06-OCT-2011 10:47
Operator : Inst ID: PESTGC1.i
Smp Info : SGDDT/EI_00015
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: END_DDT.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET RANGE		RATIO	
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
7 4,4'-DDD									
					CAS #:	72-54-8			
6.333	6.330	0.003	47979	9.01792	6.0	80.00-	120.00	100.00(a)	
8 4,4'-DDE									
					CAS #:	72-55-9			
4.840	4.840	0.000	35455	5.69602	3.8	80.00-	120.00	100.00(a)	
9 4,4'-DDT									
					CAS #:	50-29-3			
6.977	6.977	0.000	1239231	220.655	150	80.00-	120.00	100.00	
14 Endrin									
					CAS #:	72-20-8			
6.133	6.133	0.000	1292544	222.860	150	80.00-	120.00	100.00	
15 Endrin aldehyde									
					CAS #:	7421-93-4			
7.440	7.437	0.003	34482	7.49035	5.0	80.00-	120.00	100.00(a)	

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
16 Endrin ketone					CAS #: 53494-70-5			
8.253	8.250	0.003	70994	13.1915	8.8	80.00-	120.00	100.00

QC Flag Legend

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

Data File: xr125119.d

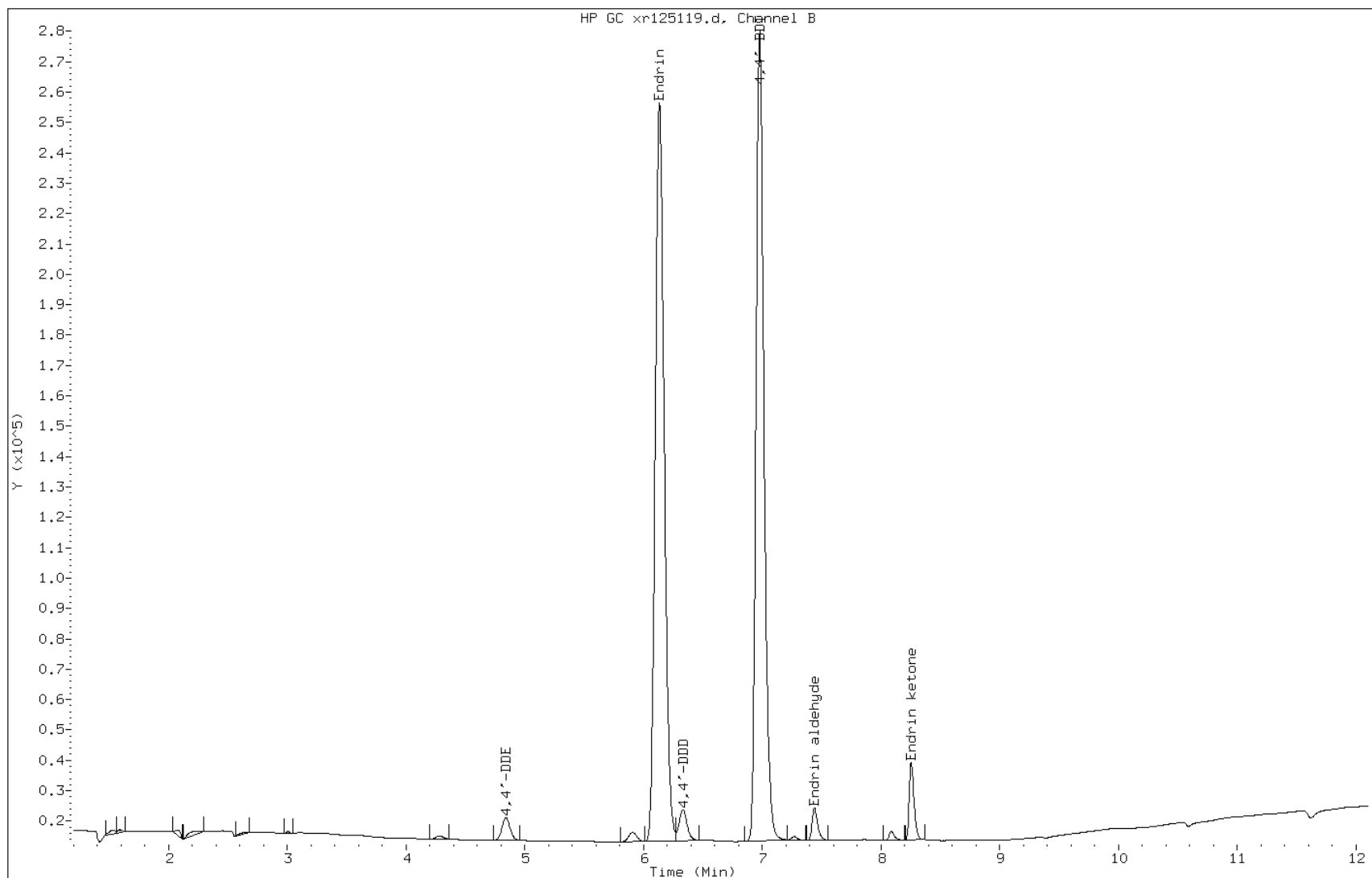
Date: 06-OCT-2011 10:47

Client ID:

Instrument: PESTGC1.i

Sample Info: SGDDT/EI_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: PEM 460-87399/3 Calibration Date: 09/27/2011 07:44
Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
Lab File ID: WF693656.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.99	599533	4.40	15	
Endrin aldehyde	8.51	8798			
Endrin ketone	9.10	18818			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	8.38	478240	3.29	15	
4,4'-DDD	0.00	0			
4,4'-DDE	7.43	16275			

Data File: WF693656.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693656.D
Lab Smp Id: SGDDT/Ei_00015
Inj Date : 27-SEP-2011 07:44
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WF693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: END_DDT.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
8 4,4'-DDE					CAS #: 72-55-9				
7.433	7.433	0.000	16275	5.41937	3.6	80.00-	120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3				
8.383	8.383	0.000	478240	233.844	160	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
7.993	7.993	0.000	599533	241.345	160	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
8.510	8.507	0.003	8798	4.32987	2.9	80.00-	120.00	100.00(a)	

16 Endrin ketone					CAS #: 53494-70-5				
9.097	9.093	0.004	18818	7.46058	5.0	80.00-	120.00	100.00(a)	

Data File: WF693656.D
Report Date: 27-Sep-2011 10:51

QC Flag Legend

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

Data File: WF693656.D

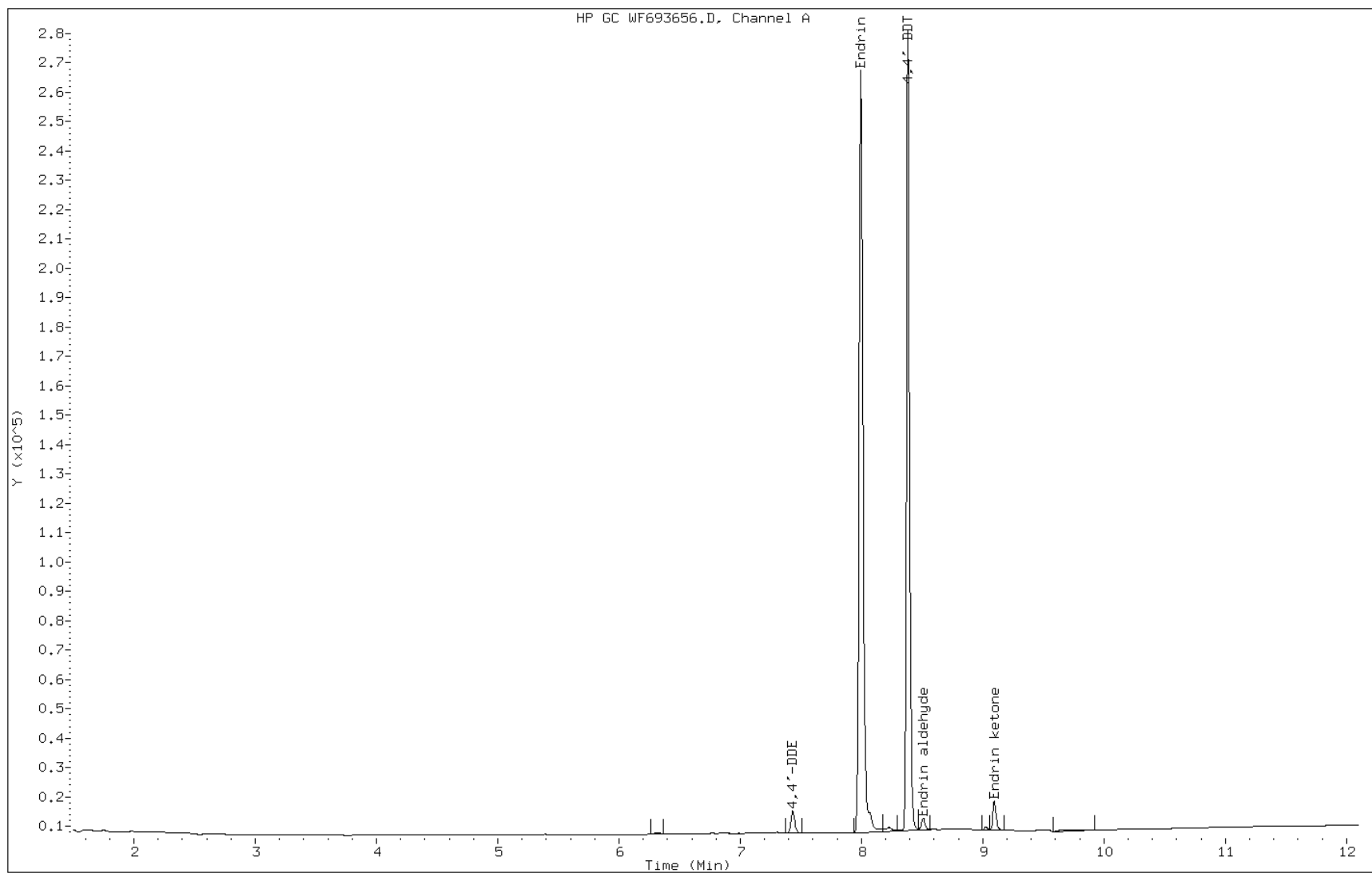
Date: 27-SEP-2011 07:44

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: PEM 460-87399/3 Calibration Date: 09/27/2011 07:44
Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
Lab File ID: WR693656.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	7.08	584600	4.51	15	
Endrin aldehyde	7.74	8490			
Endrin ketone	8.45	19117			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	7.41	581943	2.59	15	
4,4'-DDD	0.00	0			
4,4'-DDE	6.54	15490			

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693656.D
Lab Smp Id: SGDDT/Ei_00015
Inj Date : 27-SEP-2011 07:44
Operator : Inst ID: PESTGC4.i
Smp Info : SGDDT/Ei_00015
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: END_DDT.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
8 4,4'-DDE					CAS #: 72-55-9				
6.537	6.537	0.000	15490	5.47756	3.6	80.00-	120.00	100.00(a)	

9 4,4'-DDT					CAS #: 50-29-3				
7.407	7.407	0.000	581943	235.152	160	80.00-	120.00	100.00	

14 Endrin					CAS #: 72-20-8				
7.077	7.080	-0.003	584600	249.225	170	80.00-	120.00	100.00	

15 Endrin aldehyde					CAS #: 7421-93-4				
7.737	7.733	0.004	8490	3.92554	2.6	80.00-	120.00	100.00(a)	

16 Endrin ketone					CAS #: 53494-70-5				
8.447	8.443	0.004	19117	7.47724	5.0	80.00-	120.00	100.00(a)	

QC Flag Legend

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

Data File: WR693656.D

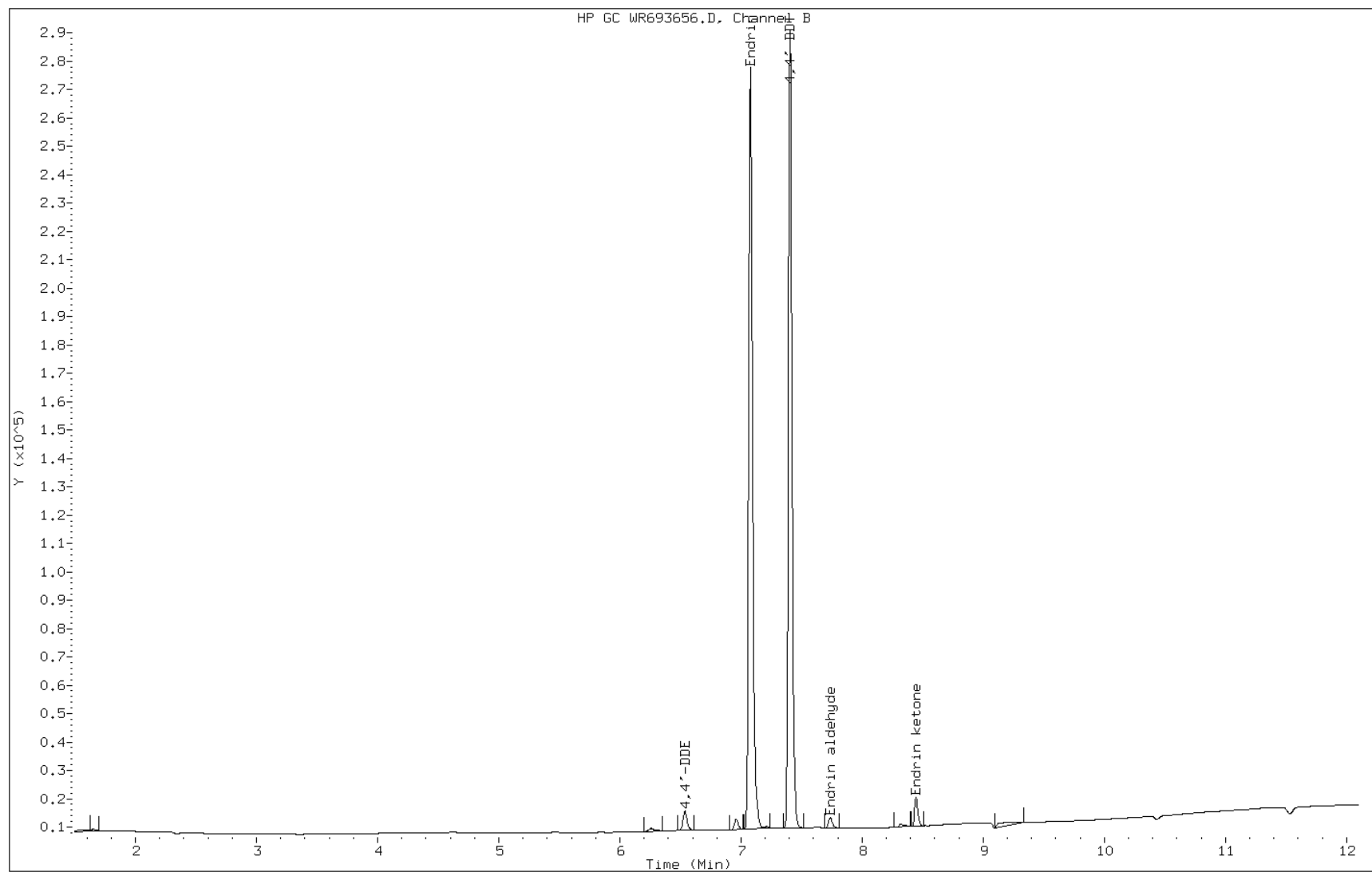
Date: 27-SEP-2011 07:44

Client ID:

Instrument: PESTGC4.i

Sample Info: SGDDT/Ei_00015

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88872/2 Calibration Date: 10/06/2011 10:33
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125118.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4233	4127		97.5	100	-2.5	15.0
gamma-BHC (Lindane)	Ave	4268	4183		98.0	100	-2.0	15.0
beta-BHC	Ave	2116	2055		97.1	100	-2.9	15.0
delta-BHC	Ave	4326	4306		99.5	100	-0.5	15.0
Heptachlor	Ave	4315	4147		96.1	100	-3.9	15.0
Aldrin	Ave	4300	4250		98.8	100	-1.2	15.0
Heptachlor epoxide	Ave	3772	3671		97.3	100	-2.7	15.0
gamma-Chlordane	Ave	3598	3462		96.2	100	-3.8	15.0
alpha-Chlordane	Ave	3265	3110		95.3	100	-4.7	15.0
Endosulfan I	Ave	3123	3008		96.3	100	-3.7	15.0
4,4'-DDE	Ave	3094	3021		97.7	100	-2.3	15.0
Dieldrin	Ave	3248	3151		97.0	100	-3.0	15.0
Endrin	Ave	2672	2528		94.6	100	-5.4	15.0
4,4'-DDD	Ave	2652	2611		98.5	100	-1.5	15.0
Endosulfan II	Ave	2821	2698		95.6	100	-4.4	15.0
4,4'-DDT	Ave	2542	2268		89.2	100	-10.8	15.0
Endrin aldehyde	Ave	2258	2107		93.3	100	-6.7	15.0
Endosulfan sulfate	Ave	2291	2135		93.2	100	-6.8	15.0
Methoxychlor	Ave	1237	1092		88.3	100	-11.7	15.0
Endrin ketone	Ave	2475	2288		92.5	100	-7.5	15.0
Tetrachloro-m-xylene	Ave	3083	2844		92.2	100	-7.8	15.0
DCB Decachlorobiphenyl	Ave	2069	1894		91.6	100	-8.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88872/2 Calibration Date: 10/06/2011 10:33
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125118.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.18	3.13	3.23
gamma-BHC (Lindane)	3.68	3.63	3.73
beta-BHC	3.84	3.79	3.89
delta-BHC	4.62	4.56	4.66
Heptachlor	4.82	4.77	4.87
Aldrin	5.73	5.68	5.78
Heptachlor epoxide	7.16	7.08	7.22
gamma-Chlordane	7.46	7.39	7.53
alpha-Chlordane	7.65	7.58	7.72
Endosulfan I	7.73	7.66	7.80
4,4'-DDE	7.83	7.75	7.89
Dieldrin	8.06	7.98	8.12
Endrin	8.42	8.35	8.49
4,4'-DDD	8.51	8.44	8.58
Endosulfan II	8.67	8.60	8.74
4,4'-DDT	8.89	8.82	8.96
Endrin aldehyde	9.07	9.00	9.14
Endosulfan sulfate	9.37	9.30	9.44
Methoxychlor	9.57	9.50	9.64
Endrin ketone	9.81	9.73	9.87
Tetrachloro-m-xylene	2.59	2.54	2.64
DCB Decachlorobiphenyl	10.75	10.65	10.85

Data File: xf125118.d
Report Date: 10-Oct-2011 09:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125118.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 06-OCT-2011 10:33
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 10-Oct-2011 09:40 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
2.593	2.593	0.000	284431	100.000	92	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
3.180	3.180	0.000	412708	100.000	97	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.683	3.683	0.000	418286	100.000	98	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
3.837	3.837	0.000	205503	100.000	97	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
4.617	4.617	0.000	430579	100.000	100	80.00- 120.00	100.00		

Data File: xf125118.d
Report Date: 10-Oct-2011 09:40

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
17 Heptachlor								
4.823	4.823	0.000	414651	100.000	CAS #: 96	76-44-8 80.00- 120.00		100.00

1 Aldrin								
5.730	5.730	0.000	424965	100.000	CAS #: 99	309-00-2 80.00- 120.00		100.00

18 Heptachlor epoxide								
7.157	7.157	0.000	367053	100.000	CAS #: 97	1024-57-3 80.00- 120.00		100.00

65 gamma-Chlordane								
7.463	7.463	0.000	346215	100.000	CAS #: 96	5103-74-2 80.00- 120.00		100.00

66 alpha-Chlordane								
7.653	7.653	0.000	311042	100.000	CAS #: 95	5103-71-9 80.00- 120.00		100.00

11 Endosulfan I								
7.733	7.733	0.000	300752	100.000	CAS #: 96	959-98-8 80.00- 120.00		100.00

8 4,4'-DDE								
7.827	7.827	0.000	302129	100.000	CAS #: 98	72-55-9 80.00- 120.00		100.00

10 Dieldrin								
8.057	8.057	0.000	315074	100.000	CAS #: 97	60-57-1 80.00- 120.00		100.00

14 Endrin								
8.423	8.423	0.000	252783	100.000	CAS #: 94	72-20-8 80.00- 120.00		100.00

7 4,4'-DDD								
8.510	8.510	0.000	261136	100.000	CAS #: 98	72-54-8 80.00- 120.00		100.00

12 Endosulfan II								
8.670	8.670	0.000	269789	100.000	CAS #: 96	33213-65-9 80.00- 120.00		100.00

9 4,4'-DDT								
8.890	8.890	0.000	226769	100.000	CAS #: 89	50-29-3 80.00- 120.00		100.00

15 Endrin aldehyde								
9.070	9.070	0.000	210684	100.000	CAS #: 93	7421-93-4 80.00- 120.00		100.00

13 Endosulfan sulfate								
9.370	9.370	0.000	213539	100.000	CAS #: 93	1031-07-8 80.00- 120.00		100.00

19 Methoxychlor								
9.573	9.573	0.000	109209	100.000	CAS #: 88	72-43-5 80.00- 120.00		100.00

16 Endrin ketone								
9.807	9.807	0.000	228829	100.000	CAS #: 92	53494-70-5 80.00- 120.00		100.00

Data File: xf125118.d
 Report Date: 10-Oct-2011 09:40

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.753	10.753	0.000	189446	100.000	92	80.00-	120.00	100.00	

Data File: xf125118.d

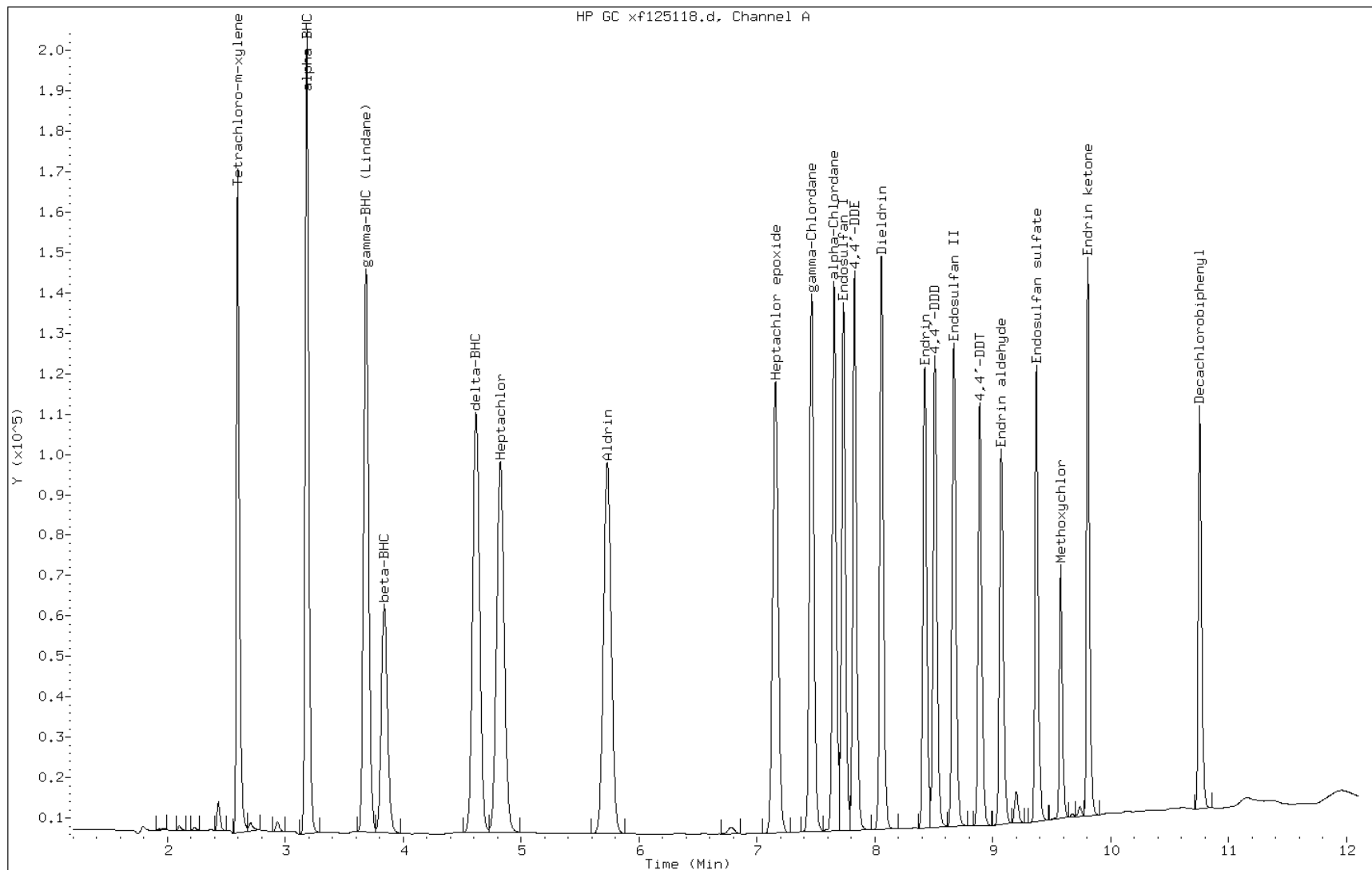
Date: 06-OCT-2011 10:33

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88872/2 Calibration Date: 10/06/2011 10:33
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125118.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	7842	8206		105	100	4.6	15.0
gamma-BHC (Lindane)	Ave	6515	6189		95.0	100	-5.0	15.0
beta-BHC	Ave	3723	3840		103	100	3.1	15.0
delta-BHC	Ave	6959	7292		105	100	4.8	15.0
Heptachlor	Ave	7103	7355		104	100	3.5	15.0
Aldrin	Ave	6762	7114		105	100	5.2	15.0
Heptachlor epoxide	Ave	7033	7272		103	100	3.4	15.0
gamma-Chlordane	Ave	7201	7256		101	100	0.8	15.0
alpha-Chlordane	Ave	6937	7122		103	100	2.7	15.0
4,4'-DDE	Ave	6225	6387		103	100	2.6	15.0
Endosulfan I	Ave	6749	7033		104	100	4.2	15.0
Dieldrin	Ave	6734	6969		103	100	3.5	15.0
Endrin	Ave	5800	5914		102	100	2.0	15.0
4,4'-DDD	Ave	5320	5476		103	100	2.9	15.0
Endosulfan II	Ave	5972	5963		99.8	100	-0.2	15.0
4,4'-DDT	Ave	5616	5272		93.9	100	-6.1	15.0
Endrin aldehyde	Ave	4604	4508		97.9	100	-2.1	15.0
Methoxychlor	Ave	2853	2630		92.2	100	-7.8	15.0
Endosulfan sulfate	Ave	4679	4556		97.4	100	-2.6	15.0
Endrin ketone	Ave	5382	5227		97.1	100	-2.9	15.0
Tetrachloro-m-xylene	Ave	5854	5765		98.5	100	-1.5	15.0
DCB Decachlorobiphenyl	Ave	4491	3996		89.0	100	-11.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88872/2 Calibration Date: 10/06/2011 10:33
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125118.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.31	2.26	2.36
gamma-BHC (Lindane)	2.53	2.49	2.59
beta-BHC	2.60	2.55	2.65
delta-BHC	2.73	2.68	2.78
Heptachlor	2.89	2.84	2.94
Aldrin	3.16	3.11	3.21
Heptachlor epoxide	4.03	3.96	4.10
gamma-Chlordane	4.32	4.25	4.39
alpha-Chlordane	4.63	4.56	4.70
4,4'-DDE	4.84	4.77	4.91
Endosulfan I	4.95	4.88	5.02
Dieldrin	5.54	5.47	5.61
Endrin	6.13	6.06	6.20
4,4'-DDD	6.33	6.26	6.40
Endosulfan II	6.67	6.60	6.74
4,4'-DDT	6.98	6.91	7.05
Endrin aldehyde	7.44	7.37	7.51
Methoxychlor	7.69	7.62	7.76
Endosulfan sulfate	7.94	7.87	8.01
Endrin ketone	8.25	8.18	8.32
Tetrachloro-m-xylene	1.93	1.88	1.98
DCB Decachlorobiphenyl	9.38	9.28	9.48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125118.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 06-OCT-2011 10:33
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8				
1.927	1.927	0.000	576524	100.000	98	80.00-	120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6				
2.313	2.313	0.000	820648	100.000	100	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9				
2.533	2.537	-0.004	618857	100.000	95	80.00-	120.00	100.00	

3 beta-BHC					CAS #: 319-85-7				
2.600	2.600	0.000	383971	100.000	100	80.00-	120.00	100.00	

4 delta-BHC					CAS #: 319-86-8				
2.727	2.727	0.000	729249	100.000	100	80.00-	120.00	100.00	

				AMOUNTS				
RT	EXP RT	DLT RT		RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====		=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
2.893	2.893	0.000		735548	100.000	100	80.00- 120.00	100.00

1 Aldrin						CAS #:	309-00-2	
3.160	3.163	-0.003		711400	100.000	100	80.00- 120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
4.027	4.027	0.000		727211	100.000	100	80.00- 120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
4.320	4.320	0.000		725591	100.000	100	80.00- 120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
4.630	4.633	-0.003		712224	100.000	100	80.00- 120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
4.840	4.840	0.000		638689	100.000	100	80.00- 120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
4.947	4.947	0.000		703323	100.000	100	80.00- 120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
5.543	5.543	0.000		696897	100.000	100	80.00- 120.00	100.00

14 Endrin						CAS #:	72-20-8	
6.133	6.133	0.000		591366	100.000	100	80.00- 120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
6.330	6.330	0.000		547568	100.000	100	80.00- 120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
6.667	6.667	0.000		596251	100.000	100	80.00- 120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
6.977	6.977	0.000		527216	100.000	94	80.00- 120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.437	7.437	0.000		450757	100.000	98	80.00- 120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.693	7.693	0.000		263008	100.000	92	80.00- 120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
7.940	7.937	0.003		455572	100.000	97	80.00- 120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.253	8.250	0.003		522732	100.000	97	80.00- 120.00	100.00

Data File: xr125118.d
Report Date: 10-Oct-2011 09:40

Page 3

		AMOUNTS							
		CAL-AMT		ON-COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.383	9.380	0.003	399600	100.000	89	80.00-	120.00	100.00	

Data File: xr125118.d

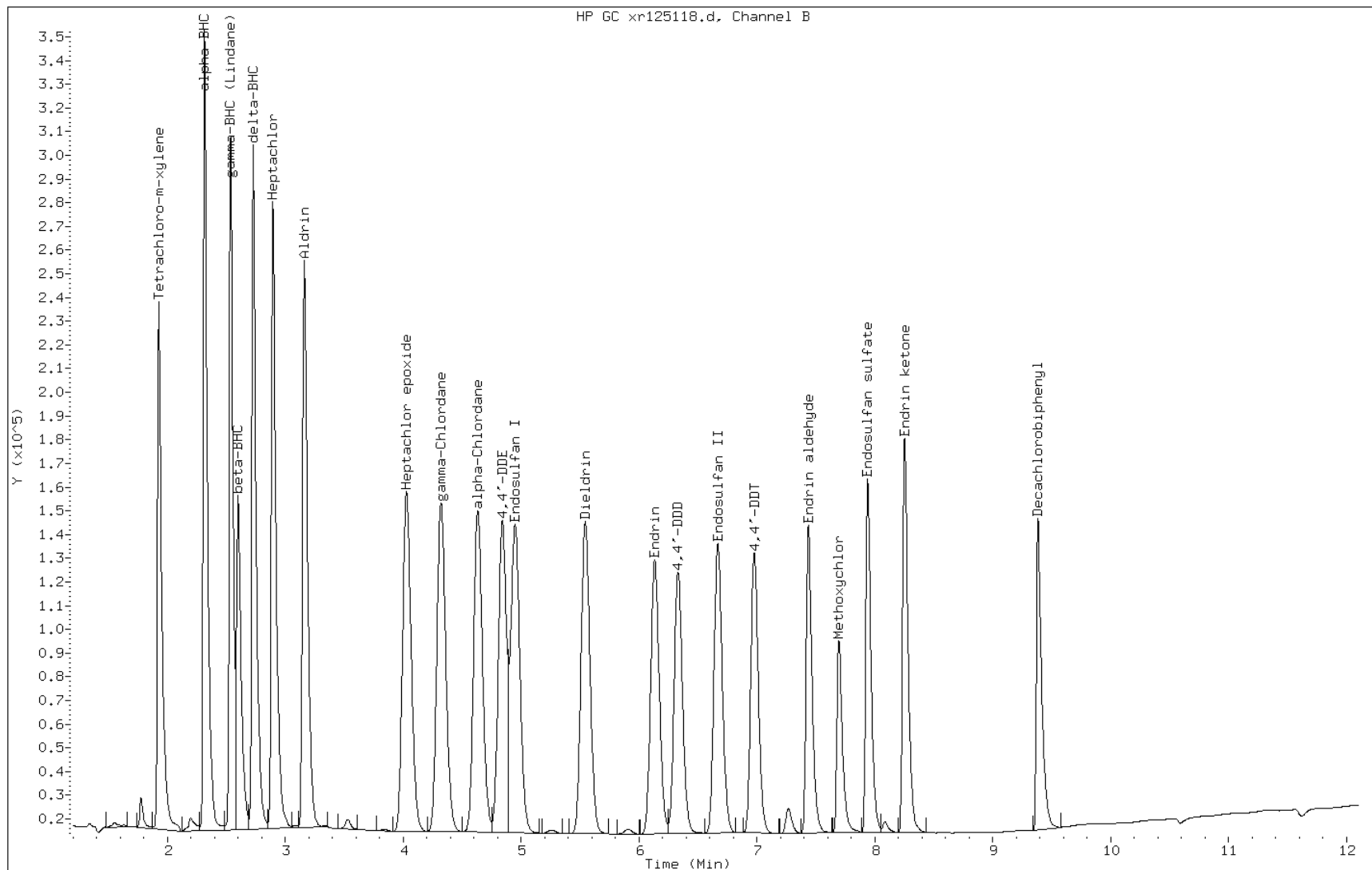
Date: 06-OCT-2011 10:33

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88872/23 Calibration Date: 10/06/2011 15:50
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125139.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4233	4284		101	100	1.2	15.0
gamma-BHC (Lindane)	Ave	4268	4205		98.5	100	-1.5	15.0
beta-BHC	Ave	2116	2043		96.5	100	-3.5	15.0
delta-BHC	Ave	4326	4123		95.3	100	-4.7	15.0
Heptachlor	Ave	4315	3710		86.0	100	-14.0	15.0
Aldrin	Ave	4300	4207		97.8	100	-2.2	15.0
Heptachlor epoxide	Ave	3772	3592		95.2	100	-4.8	15.0
gamma-Chlordane	Ave	3598	3315		92.1	100	-7.9	15.0
alpha-Chlordane	Ave	3265	2971		91.0	100	-9.0	15.0
Endosulfan I	Ave	3123	2848		91.2	100	-8.8	15.0
4,4'-DDE	Ave	3094	2837		91.7	100	-8.3	15.0
Dieldrin	Ave	3248	2971		91.5	100	-8.5	15.0
Endrin	Ave	2672	2176		81.4	100	-18.6*	15.0
4,4'-DDD	Ave	2652	2508		94.6	100	-5.4	15.0
Endosulfan II	Ave	2821	2522		89.4	100	-10.6	15.0
4,4'-DDT	Ave	2542	1766		69.5	100	-30.5*	15.0
Endrin aldehyde	Ave	2258	1975		87.5	100	-12.5	15.0
Endosulfan sulfate	Ave	2291	1959		85.5	100	-14.5	15.0
Methoxychlor	Ave	1237	903.7		73.0	100	-27.0*	15.0
Endrin ketone	Ave	2475	2227		90.0	100	-10.0	15.0
Tetrachloro-m-xylene	Ave	3083	2896		93.9	100	-6.1	15.0
DCB Decachlorobiphenyl	Ave	2069	1798		86.9	100	-13.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88872/23 Calibration Date: 10/06/2011 15:50
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xf125139.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.18	3.13	3.23
gamma-BHC (Lindane)	3.68	3.63	3.73
beta-BHC	3.84	3.79	3.89
delta-BHC	4.61	4.56	4.66
Heptachlor	4.82	4.77	4.87
Aldrin	5.73	5.68	5.78
Heptachlor epoxide	7.15	7.08	7.22
gamma-Chlordane	7.46	7.39	7.53
alpha-Chlordane	7.65	7.58	7.72
Endosulfan I	7.73	7.66	7.80
4,4'-DDE	7.82	7.75	7.89
Dieldrin	8.05	7.98	8.12
Endrin	8.42	8.35	8.49
4,4'-DDD	8.51	8.44	8.58
Endosulfan II	8.67	8.60	8.74
4,4'-DDT	8.89	8.82	8.96
Endrin aldehyde	9.07	9.00	9.14
Endosulfan sulfate	9.37	9.30	9.44
Methoxychlor	9.57	9.50	9.64
Endrin ketone	9.80	9.73	9.87
Tetrachloro-m-xylene	2.59	2.54	2.64
DCB Decachlorobiphenyl	10.75	10.65	10.85

Data File: xf125139.d
Report Date: 10-Oct-2011 09:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125139.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 06-OCT-2011 15:50
Operator : Inst ID: PESTGC1.i
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 10-Oct-2011 09:41 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SCpestRANGE.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #: 877-09-8			
2.593	2.593	0.000	289647	100.000	94	80.00- 120.00	100.00	

2 alpha-BHC					CAS #: 319-84-6			
3.180	3.180	0.000	428427	100.000	100	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.680	3.680	0.000	420545	100.000	98	80.00- 120.00	100.00	

3 beta-BHC					CAS #: 319-85-7			
3.837	3.837	0.000	204326	100.000	96	80.00- 120.00	100.00	

4 delta-BHC					CAS #: 319-86-8			
4.613	4.613	0.000	412289	100.000	95	80.00- 120.00	100.00	

Data File: xf125139.d
Report Date: 10-Oct-2011 09:41

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
4.820	4.820	0.000	371021	100.000	86	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
5.727	5.727	0.000	420669	100.000	98	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
7.153	7.153	0.000	359205	100.000	95	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.460	7.460	0.000	331515	100.000	92	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.653	7.653	0.000	297114	100.000	91	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.730	7.730	0.000	284787	100.000	91	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.823	7.823	0.000	283657	100.000	92	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
8.053	8.053	0.000	297116	100.000	91	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
8.420	8.420	0.000	217588	100.000	81	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.507	8.507	0.000	250822	100.000	94	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.667	8.667	0.000	252205	100.000	89	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.887	8.887	0.000	176605	100.000	69	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
9.070	9.070	0.000	197471	100.000	87	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
9.367	9.367	0.000	195864	100.000	85	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
9.573	9.573	0.000	90367	100.000	73	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.803	9.803	0.000	222676	100.000	90	80.00-	120.00	100.00

Data File: xf125139.d
 Report Date: 10-Oct-2011 09:41

AMOUNTS							
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		RATIO
			RESPONSE (ug/L)	(ug/L)	TARGET RANGE		
==	=====	=====	=====	=====	=====		=====
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
10.753	10.753	0.000	179825	100.000	87 80.00- 120.00		100.00

Data File: xf125139.d

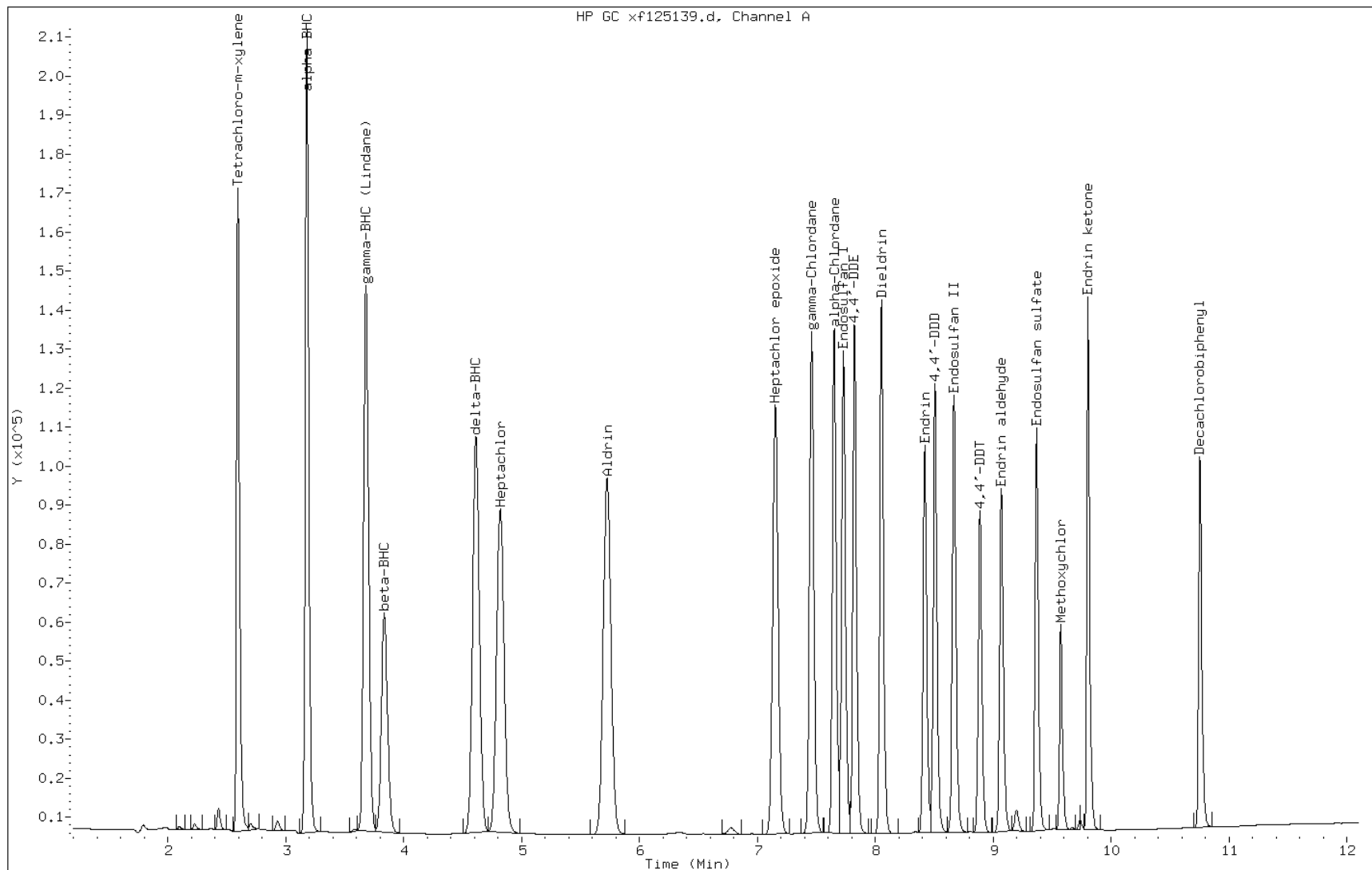
Date: 06-OCT-2011 15:50

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88872/23 Calibration Date: 10/06/2011 15:50
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125139.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	7842	8477		108	100	8.1	15.0
gamma-BHC (Lindane)	Ave	6515	6478		99.4	100	-0.6	15.0
beta-BHC	Ave	3723	3932		106	100	5.6	15.0
delta-BHC	Ave	6959	7690		111	100	10.5	15.0
Heptachlor	Ave	7103	7371		104	100	3.8	15.0
Aldrin	Ave	6762	7516		111	100	11.1	15.0
Heptachlor epoxide	Ave	7033	7477		106	100	6.3	15.0
gamma-Chlordane	Ave	7201	7392		103	100	2.7	15.0
alpha-Chlordane	Ave	6937	7094		102	100	2.3	15.0
4,4'-DDE	Ave	6225	6401		103	100	2.8	15.0
Endosulfan I	Ave	6749	6813		101	100	0.9	15.0
Dieldrin	Ave	6734	6942		103	100	3.1	15.0
Endrin	Ave	5800	5596		96.5	100	-3.5	15.0
4,4'-DDD	Ave	5320	6027		113	100	13.3	15.0
Endosulfan II	Ave	5972	6115		102	100	2.4	15.0
4,4'-DDT	Ave	5616	4722		84.1	100	-15.9*	15.0
Endrin aldehyde	Ave	4604	4636		101	100	0.7	15.0
Methoxychlor	Ave	2853	2406		84.3	100	-15.7*	15.0
Endosulfan sulfate	Ave	4679	4329		92.5	100	-7.5	15.0
Endrin ketone	Ave	5382	4975		92.4	100	-7.6	15.0
Tetrachloro-m-xylene	Ave	5854	5912		101	100	1.0	15.0
DCB Decachlorobiphenyl	Ave	4491	4119		91.7	100	-8.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88872/23 Calibration Date: 10/06/2011 15:50
 Instrument ID: PESTGC1 Calib Start Date: 10/05/2011 08:02
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/05/2011 08:57
 Lab File ID: xr125139.d

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.31	2.26	2.36
gamma-BHC (Lindane)	2.54	2.49	2.59
beta-BHC	2.60	2.55	2.65
delta-BHC	2.73	2.68	2.78
Heptachlor	2.89	2.84	2.94
Aldrin	3.16	3.11	3.21
Heptachlor epoxide	4.03	3.96	4.10
gamma-Chlordane	4.32	4.25	4.39
alpha-Chlordane	4.63	4.56	4.70
4,4'-DDE	4.84	4.77	4.91
Endosulfan I	4.95	4.88	5.02
Dieldrin	5.54	5.47	5.61
Endrin	6.13	6.06	6.20
4,4'-DDD	6.33	6.26	6.40
Endosulfan II	6.67	6.60	6.74
4,4'-DDT	6.98	6.91	7.05
Endrin aldehyde	7.44	7.37	7.51
Methoxychlor	7.69	7.62	7.76
Endosulfan sulfate	7.94	7.87	8.01
Endrin ketone	8.25	8.18	8.32
Tetrachloro-m-xylene	1.93	1.88	1.98
DCB Decachlorobiphenyl	9.38	9.28	9.48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125139.d
Lab Smp Id: SGPESTL3_00010
Inj Date : 06-OCT-2011 15:50
Operator :
Smp Info : SGPESTL3_00010
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
1.927	1.927	0.000	591206	100.000	100	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
2.313	2.313	0.000	847677	100.000	110	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
2.537	2.537	0.000	647839	100.000	99	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
2.600	2.600	0.000	393194	100.000	100	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
2.727	2.727	0.000	769000	100.000	110	80.00- 120.00	100.00		

					AMOUNTS			
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor					CAS #:	76-44-8		
2.893	2.893	0.000	737146	100.000	100	80.00-	120.00	100.00

1 Aldrin					CAS #:	309-00-2		
3.163	3.163	0.000	751555	100.000	110	80.00-	120.00	100.00

18 Heptachlor epoxide					CAS #:	1024-57-3		
4.027	4.027	0.000	747697	100.000	110	80.00-	120.00	100.00

65 gamma-Chlordane					CAS #:	5103-74-2		
4.320	4.320	0.000	739227	100.000	100	80.00-	120.00	100.00

66 alpha-Chlordane					CAS #:	5103-71-9		
4.633	4.633	0.000	709358	100.000	100	80.00-	120.00	100.00

8 4,4'-DDE					CAS #:	72-55-9		
4.840	4.840	0.000	640098	100.000	100	80.00-	120.00	100.00

11 Endosulfan I					CAS #:	959-98-8		
4.947	4.947	0.000	681263	100.000	100	80.00-	120.00	100.00

10 Dieldrin					CAS #:	60-57-1		
5.543	5.543	0.000	694205	100.000	100	80.00-	120.00	100.00

14 Endrin					CAS #:	72-20-8		
6.133	6.133	0.000	559557	100.000	96	80.00-	120.00	100.00

7 4,4'-DDD					CAS #:	72-54-8		
6.330	6.330	0.000	602706	100.000	110	80.00-	120.00	100.00

12 Endosulfan II					CAS #:	33213-65-9		
6.667	6.667	0.000	611505	100.000	100	80.00-	120.00	100.00

9 4,4'-DDT					CAS #:	50-29-3		
6.977	6.977	0.000	472215	100.000	84	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #:	7421-93-4		
7.437	7.437	0.000	463582	100.000	100	80.00-	120.00	100.00

19 Methoxychlor					CAS #:	72-43-5		
7.693	7.693	0.000	240639	100.000	84	80.00-	120.00	100.00

13 Endosulfan sulfate					CAS #:	1031-07-8		
7.937	7.937	0.000	432906	100.000	92	80.00-	120.00	100.00

16 Endrin ketone					CAS #:	53494-70-5		
8.250	8.250	0.000	497500	100.000	92	80.00-	120.00	100.00

Data File: xr125139.d
Report Date: 10-Oct-2011 09:41

Page 3

		AMOUNTS									
		CAL-AMT		ON-COL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3						
9.380	9.380	0.000	411891	100.000	92 80.00- 120.00	100.00					

Data File: xr125139.d

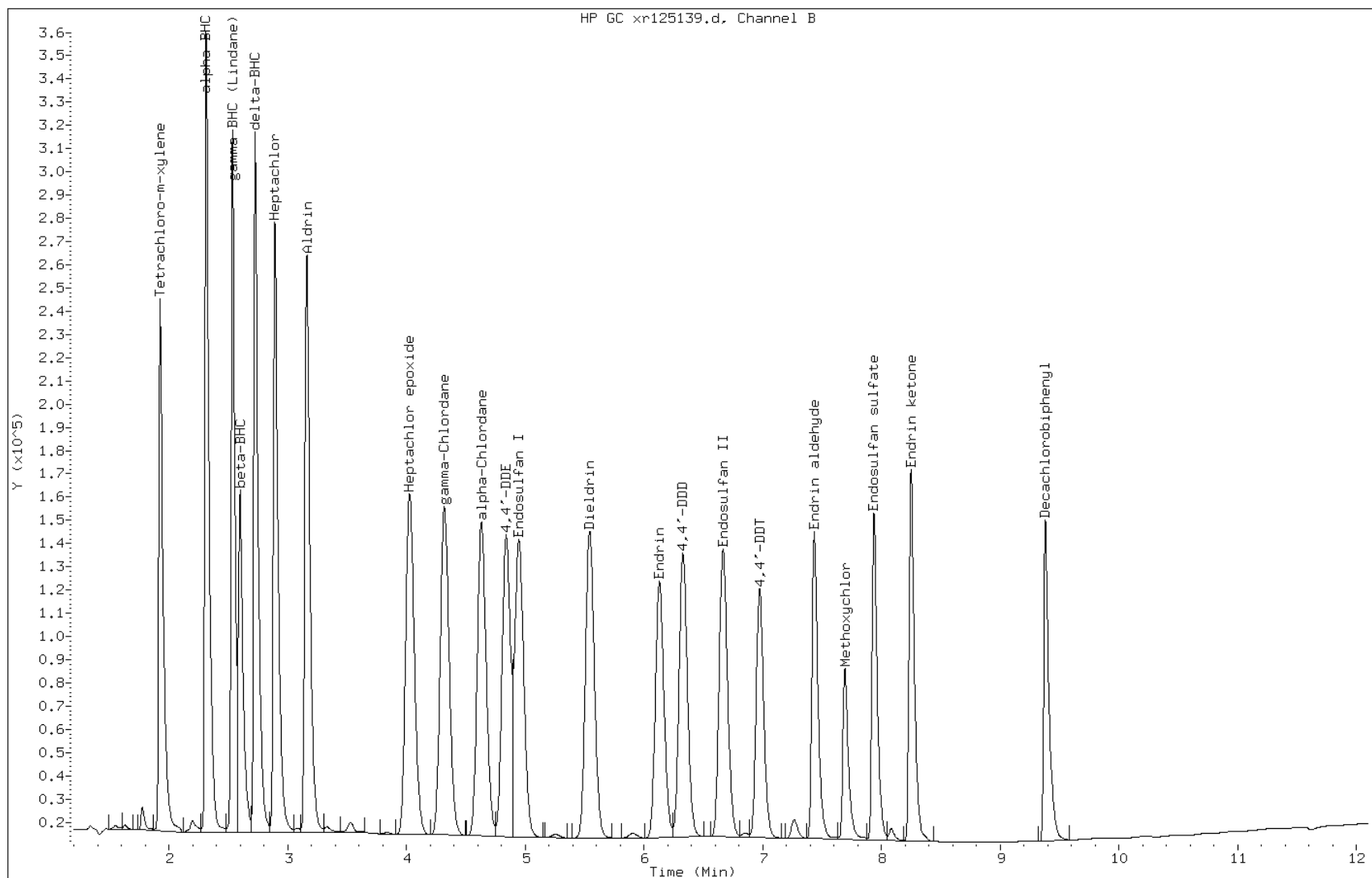
Date: 06-OCT-2011 15:50

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPESTL3_00010

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87399/2 Calibration Date: 09/27/2011 07:30
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WF693655.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4258	4690		110	100	10.2	15.0
gamma-BHC (Lindane)	Ave	3902	4277		110	100	9.6	15.0
beta-BHC	Ave	1846	1997		108	100	8.2	15.0
delta-BHC	Ave	3692	4193		114	100	13.6	15.0
Heptachlor	Ave	2929	3190		109	100	8.9	15.0
Aldrin	Ave	3532	3787		107	100	7.2	15.0
Heptachlor epoxide	Ave	3064	3223		105	100	5.2	15.0
gamma-Chlordane	Ave	3214	3399		106	100	5.8	15.0
alpha-Chlordane	Ave	3021	3171		105	100	5.0	15.0
Endosulfan I	Ave	2933	3125		107	100	6.5	15.0
4,4'-DDE	Ave	3003	3178		106	100	5.8	15.0
Dieldrin	Ave	3086	3281		106	100	6.3	15.0
Endrin	Ave	2484	2620		105	100	5.5	15.0
4,4'-DDD	Ave	2418	2575		107	100	6.5	15.0
Endosulfan II	Ave	2664	2808		105	100	5.4	15.0
4,4'-DDT	Ave	2045	2119		104	100	3.6	15.0
Endrin aldehyde	Ave	2032	2107		104	100	3.7	15.0
Endosulfan sulfate	Ave	2210	2316		105	100	4.8	15.0
Methoxychlor	Ave	968.0	1004		104	100	3.7	15.0
Endrin ketone	Ave	2522	2592		103	100	2.8	15.0
Tetrachloro-m-xylene	Ave	3169	3266		103	100	3.0	15.0
DCB Decachlorobiphenyl	Ave	2063	2021		97.9	100	-2.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87399/2 Calibration Date: 09/27/2011 07:30
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WF693655.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.90	3.85	3.95
gamma-BHC (Lindane)	4.68	4.63	4.73
beta-BHC	4.84	4.79	4.89
delta-BHC	5.49	5.44	5.54
Heptachlor	5.67	5.62	5.72
Aldrin	6.30	6.25	6.35
Heptachlor epoxide	6.94	6.87	7.01
gamma-Chlordane	7.13	7.06	7.20
alpha-Chlordane	7.29	7.22	7.36
Endosulfan I	7.36	7.29	7.43
4,4'-DDE	7.43	7.36	7.50
Dieldrin	7.65	7.58	7.72
Endrin	7.99	7.93	8.07
4,4'-DDD	8.07	8.00	8.14
Endosulfan II	8.22	8.15	8.29
4,4'-DDT	8.38	8.31	8.45
Endrin aldehyde	8.51	8.44	8.58
Endosulfan sulfate	8.71	8.64	8.78
Methoxychlor	8.87	8.80	8.94
Endrin ketone	9.09	9.02	9.16
Tetrachloro-m-xylene	2.61	2.56	2.66
DCB Decachlorobiphenyl	10.09	9.99	10.19

Data File: WF693655.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693655.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 27-SEP-2011 07:30
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.607	2.607	0.000	326583	100.000	100	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
3.903	3.903	0.000	469007	100.000	110	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.677	4.677	0.000	427716	100.000	110	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
4.837	4.837	0.000	199689	100.000	110	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
5.490	5.490	0.000	419341	100.000	110	80.00- 120.00	100.00	

Data File: WF693655.D
Report Date: 27-Sep-2011 10:51

RT	EXP RT	DLT RT	AMOUNTS		ON-COL	TARGET RANGE	RATIO
			RESPONSE	CAL-AMT (ug/L)			
==	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8		
5.667	5.667	0.000	318989	100.000	110	80.00- 120.00	100.00

1	Aldrin				CAS #: 309-00-2		
6.300	6.300	0.000	378694	100.000	110	80.00- 120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3		
6.937	6.937	0.000	322275	100.000	100	80.00- 120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2		
7.133	7.133	0.000	339938	100.000	100	80.00- 120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9		
7.287	7.287	0.000	317080	100.000	100	80.00- 120.00	100.00

11	Endosulfan I				CAS #: 959-98-8		
7.357	7.357	0.000	312474	100.000	110	80.00- 120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9		
7.433	7.433	0.000	317815	100.000	100	80.00- 120.00	100.00

10	Dieldrin				CAS #: 60-57-1		
7.650	7.650	0.000	328056	100.000	110	80.00- 120.00	100.00

14	Endrin				CAS #: 72-20-8		
7.993	7.993	0.000	262028	100.000	100	80.00- 120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8		
8.067	8.067	0.000	257509	100.000	110	80.00- 120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9		
8.217	8.217	0.000	280805	100.000	100	80.00- 120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3		
8.383	8.383	0.000	211877	100.000	100	80.00- 120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4		
8.507	8.507	0.000	210744	100.000	100	80.00- 120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8		
8.707	8.707	0.000	231635	100.000	100	80.00- 120.00	100.00

19	Methoxychlor				CAS #: 72-43-5		
8.873	8.873	0.000	100364	100.000	100	80.00- 120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5		
9.093	9.093	0.000	259175	100.000	100	80.00- 120.00	100.00

Data File: WF693655.D
 Report Date: 27-Sep-2011 10:51

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.093	10.093	0.000	202068	100.000	98	80.00-	120.00	100.00	

Data File: WF693655.D

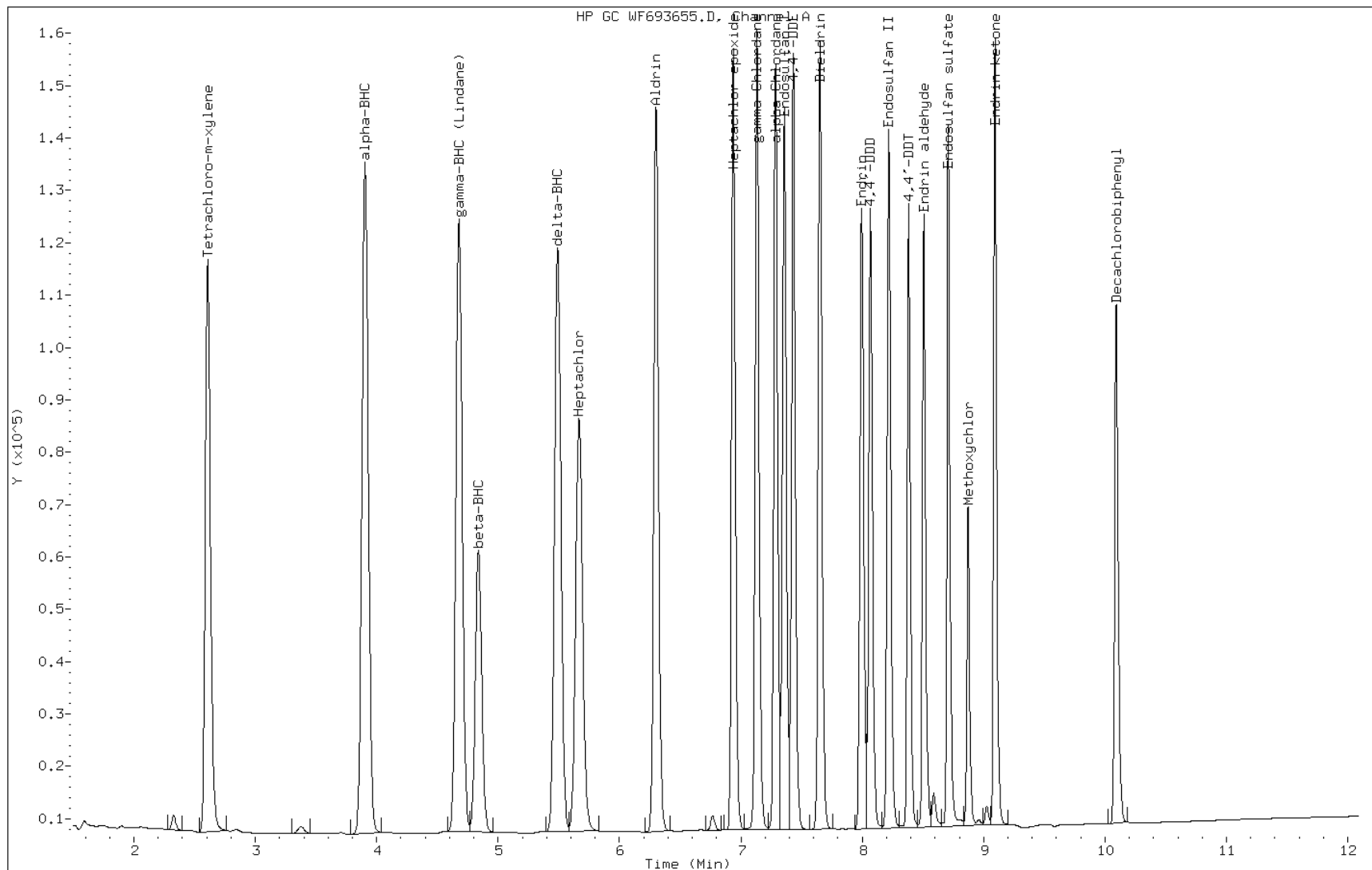
Date: 27-SEP-2011 07:30

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87399/2 Calibration Date: 09/27/2011 07:30
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WR693655.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3796	4168		110	100	9.8	15.0
gamma-BHC (Lindane)	Ave	3592	3895		108	100	8.4	15.0
beta-BHC	Ave	1686	1837		109	100	9.0	15.0
delta-BHC	Ave	3456	3908		113	100	13.1	15.0
Heptachlor	Ave	3426	3682		107	100	7.5	15.0
Aldrin	Ave	3414	3746		110	100	9.7	15.0
Heptachlor epoxide	Ave	3187	3431		108	100	7.7	15.0
gamma-Chlordane	Ave	3183	3320		104	100	4.3	15.0
alpha-Chlordane	Ave	2875	3056		106	100	6.3	15.0
4,4'-DDE	Ave	2828	3042		108	100	7.6	15.0
Endosulfan I	Ave	2748	2924		106	100	6.4	15.0
Dieldrin	Ave	2855	3074		108	100	7.7	15.0
Endrin	Ave	2346	2528		108	100	7.8	15.0
4,4'-DDD	Ave	2496	2647		106	100	6.1	15.0
Endosulfan II	Ave	2587	2771		107	100	7.1	15.0
4,4'-DDT	Ave	2475	2625		106	100	6.1	15.0
Endrin aldehyde	Ave	2163	2306		107	100	6.6	15.0
Methoxychlor	Ave	1254	1304		104	100	4.0	15.0
Endosulfan sulfate	Ave	2320	2472		107	100	6.6	15.0
Endrin ketone	Ave	2557	2695		105	100	5.4	15.0
Tetrachloro-m-xylene	Ave	2634	2723		103	100	3.4	15.0
DCB Decachlorobiphenyl	Ave	2357	2339		99.2	100	-0.8	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87399/2 Calibration Date: 09/27/2011 07:30
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WR693655.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.76	2.71	2.81
gamma-BHC (Lindane)	3.38	3.33	3.43
beta-BHC	3.55	3.50	3.60
delta-BHC	3.90	3.85	3.95
Heptachlor	4.32	4.27	4.37
Aldrin	4.92	4.87	4.97
Heptachlor epoxide	6.13	6.06	6.20
gamma-Chlordane	6.30	6.23	6.37
alpha-Chlordane	6.46	6.39	6.53
4,4'-DDE	6.54	6.47	6.61
Endosulfan I	6.61	6.54	6.68
Dieldrin	6.85	6.78	6.92
Endrin	7.08	7.01	7.15
4,4'-DDD	7.12	7.05	7.19
Endosulfan II	7.30	7.23	7.37
4,4'-DDT	7.41	7.34	7.48
Endrin aldehyde	7.73	7.66	7.80
Methoxychlor	7.90	7.83	7.97
Endosulfan sulfate	8.20	8.13	8.27
Endrin ketone	8.44	8.37	8.51
Tetrachloro-m-xylene	2.08	2.03	2.13
DCB Decachlorobiphenyl	9.13	9.03	9.23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693655.D
Lab Smp Id: SGPESTL3_00009
Inj Date : 27-SEP-2011 07:30
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693652.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS							
			CAL-AMT		ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene(surr)							
			CAS #: 877-09-8				
2.077	2.077	0.000	272286	100.000	100	80.00- 120.00	100.00

2 alpha-BHC			CAS #: 319-84-6				
2.760	2.760	0.000	416816	100.000	110	80.00- 120.00	100.00

5 gamma-BHC (Lindane)			CAS #: 58-89-9				
3.377	3.377	0.000	389530	100.000	110	80.00- 120.00	100.00

3 beta-BHC			CAS #: 319-85-7				
3.547	3.547	0.000	183742	100.000	110	80.00- 120.00	100.00

4 delta-BHC			CAS #: 319-86-8				
3.903	3.903	0.000	390820	100.000	110	80.00- 120.00	100.00

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE		RATIO
==	=====	=====	=====	=====	=====	=====		=====
17 Heptachlor					CAS #:	76-44-8		
4.323	4.320	0.003	368224	100.000	110	80.00- 120.00		100.00

1 Aldrin					CAS #:	309-00-2		
4.917	4.917	0.000	374648	100.000	110	80.00- 120.00		100.00

18 Heptachlor epoxide					CAS #:	1024-57-3		
6.127	6.127	0.000	343109	100.000	110	80.00- 120.00		100.00

65 gamma-Chlordane					CAS #:	5103-74-2		
6.300	6.303	-0.003	332021	100.000	100	80.00- 120.00		100.00

66 alpha-Chlordane					CAS #:	5103-71-9		
6.463	6.463	0.000	305641	100.000	110	80.00- 120.00		100.00

8 4,4'-DDE					CAS #:	72-55-9		
6.537	6.537	0.000	304214	100.000	110	80.00- 120.00		100.00

11 Endosulfan I					CAS #:	959-98-8		
6.613	6.613	0.000	292391	100.000	110	80.00- 120.00		100.00

10 Dieldrin					CAS #:	60-57-1		
6.850	6.850	0.000	307392	100.000	110	80.00- 120.00		100.00

14 Endrin					CAS #:	72-20-8		
7.077	7.080	-0.003	252811	100.000	110	80.00- 120.00		100.00

7 4,4'-DDD					CAS #:	72-54-8		
7.123	7.123	0.000	264724	100.000	110	80.00- 120.00		100.00

12 Endosulfan II					CAS #:	33213-65-9		
7.303	7.303	0.000	277055	100.000	110	80.00- 120.00		100.00

9 4,4'-DDT					CAS #:	50-29-3		
7.407	7.407	0.000	262536	100.000	110	80.00- 120.00		100.00

15 Endrin aldehyde					CAS #:	7421-93-4		
7.733	7.733	0.000	230554	100.000	110	80.00- 120.00		100.00

19 Methoxychlor					CAS #:	72-43-5		
7.897	7.897	0.000	130442	100.000	100	80.00- 120.00		100.00

13 Endosulfan sulfate					CAS #:	1031-07-8		
8.197	8.197	0.000	247193	100.000	110	80.00- 120.00		100.00

16 Endrin ketone					CAS #:	53494-70-5		
8.443	8.443	0.000	269453	100.000	100	80.00- 120.00		100.00

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.133	9.133	0.000	233932	100.000	99	80.00-	120.00	100.00	

Data File: WR693655.D

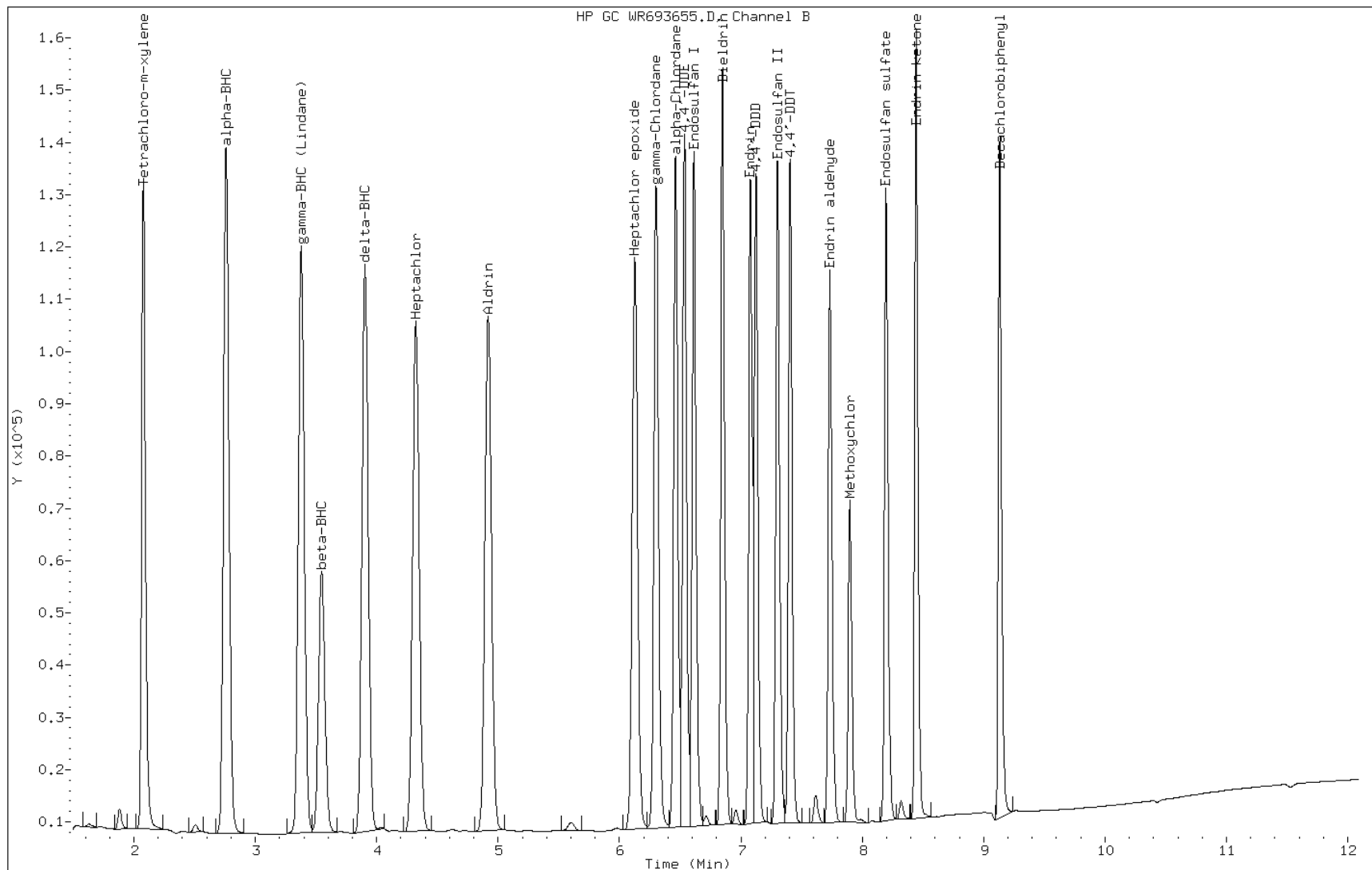
Date: 27-SEP-2011 07:30

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87399/12 Calibration Date: 09/27/2011 10:39
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WF693665.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	4258	4809		113	100	13.0	15.0
gamma-BHC (Lindane)	Ave	3902	4385		112	100	12.4	15.0
beta-BHC	Ave	1846	2052		111	100	11.1	15.0
delta-BHC	Ave	3692	4320		117	100	17.0*	15.0
Heptachlor	Ave	2929	2743		93.7	100	-6.3	15.0
Aldrin	Ave	3532	3864		109	100	9.4	15.0
Heptachlor epoxide	Ave	3064	3271		107	100	6.8	15.0
gamma-Chlordane	Ave	3214	3456		108	100	7.5	15.0
alpha-Chlordane	Ave	3021	3267		108	100	8.2	15.0
Endosulfan I	Ave	2933	3128		107	100	6.6	15.0
4,4'-DDE	Ave	3003	3233		108	100	7.7	15.0
Dieldrin	Ave	3086	3323		108	100	7.7	15.0
Endrin	Ave	2484	2596		105	100	4.5	15.0
4,4'-DDD	Ave	2418	2607		108	100	7.8	15.0
Endosulfan II	Ave	2664	2836		106	100	6.5	15.0
4,4'-DDT	Ave	2045	1966		96.1	100	-3.9	15.0
Endrin aldehyde	Ave	2032	2098		103	100	3.2	15.0
Endosulfan sulfate	Ave	2210	2316		105	100	4.8	15.0
Methoxychlor	Ave	968.0	877.6		90.7	100	-9.3	15.0
Endrin ketone	Ave	2522	2596		103	100	2.9	15.0
Tetrachloro-m-xylene	Ave	3169	3354		106	100	5.8	15.0
DCB Decachlorobiphenyl	Ave	2063	2030		98.4	100	-1.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87399/12 Calibration Date: 09/27/2011 10:39
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WF693665.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	3.90	3.85	3.95
gamma-BHC (Lindane)	4.68	4.63	4.73
beta-BHC	4.84	4.79	4.89
delta-BHC	5.49	5.44	5.54
Heptachlor	5.67	5.62	5.72
Aldrin	6.30	6.25	6.35
Heptachlor epoxide	6.94	6.87	7.01
gamma-Chlordane	7.13	7.06	7.20
alpha-Chlordane	7.29	7.22	7.36
Endosulfan I	7.36	7.29	7.43
4,4'-DDE	7.43	7.36	7.50
Dieldrin	7.65	7.58	7.72
Endrin	8.00	7.93	8.07
4,4'-DDD	8.07	8.00	8.14
Endosulfan II	8.22	8.15	8.29
4,4'-DDT	8.38	8.31	8.45
Endrin aldehyde	8.51	8.44	8.58
Endosulfan sulfate	8.71	8.64	8.78
Methoxychlor	8.87	8.80	8.94
Endrin ketone	9.09	9.02	9.16
Tetrachloro-m-xylene	2.61	2.56	2.66
DCB Decachlorobiphenyl	10.09	9.99	10.19

Data File: WF693665.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693665.D
Lab Smp Id: PESTL3_00009
Inj Date : 27-SEP-2011 10:39
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene(surr)					CAS #:	877-09-8		
2.607	2.607	0.000	335375	100.000	100	80.00- 120.00	100.00	

2 alpha-BHC					CAS #:	319-84-6		
3.903	3.903	0.000	480938	100.000	110	80.00- 120.00	100.00	

5 gamma-BHC (Lindane)					CAS #:	58-89-9		
4.680	4.680	0.000	438478	100.000	110	80.00- 120.00	100.00	

3 beta-BHC					CAS #:	319-85-7		
4.840	4.840	0.000	205176	100.000	110	80.00- 120.00	100.00	

4 delta-BHC					CAS #:	319-86-8		
5.490	5.490	0.000	432004	100.000	120	80.00- 120.00	100.00	

Data File: WF693665.D
Report Date: 27-Sep-2011 10:51

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #:	76-44-8	
5.667	5.667	0.000	274308	100.000	94	80.00-	120.00	100.00

1	Aldrin					CAS #:	309-00-2	
6.300	6.300	0.000	386407	100.000	110	80.00-	120.00	100.00

18	Heptachlor epoxide					CAS #:	1024-57-3	
6.937	6.937	0.000	327106	100.000	110	80.00-	120.00	100.00

65	gamma-Chlordane					CAS #:	5103-74-2	
7.133	7.133	0.000	345569	100.000	110	80.00-	120.00	100.00

66	alpha-Chlordane					CAS #:	5103-71-9	
7.287	7.287	0.000	326710	100.000	110	80.00-	120.00	100.00

11	Endosulfan I					CAS #:	959-98-8	
7.357	7.357	0.000	312756	100.000	110	80.00-	120.00	100.00

8	4,4'-DDE					CAS #:	72-55-9	
7.433	7.433	0.000	323301	100.000	110	80.00-	120.00	100.00

10	Dieldrin					CAS #:	60-57-1	
7.653	7.653	0.000	332292	100.000	110	80.00-	120.00	100.00

14	Endrin					CAS #:	72-20-8	
7.997	7.997	0.000	259636	100.000	100	80.00-	120.00	100.00

7	4,4'-DDD					CAS #:	72-54-8	
8.070	8.070	0.000	260695	100.000	110	80.00-	120.00	100.00

12	Endosulfan II					CAS #:	33213-65-9	
8.220	8.220	0.000	283601	100.000	110	80.00-	120.00	100.00

9	4,4'-DDT					CAS #:	50-29-3	
8.383	8.383	0.000	196594	100.000	96	80.00-	120.00	100.00

15	Endrin aldehyde					CAS #:	7421-93-4	
8.507	8.507	0.000	209786	100.000	100	80.00-	120.00	100.00

13	Endosulfan sulfate					CAS #:	1031-07-8	
8.710	8.710	0.000	231620	100.000	100	80.00-	120.00	100.00

19	Methoxychlor					CAS #:	72-43-5	
8.873	8.873	0.000	87756	100.000	91	80.00-	120.00	100.00

16	Endrin ketone					CAS #:	53494-70-5	
9.093	9.093	0.000	259629	100.000	100	80.00-	120.00	100.00

Data File: WF693665.D
 Report Date: 27-Sep-2011 10:51

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.093	10.093	0.000	202989	100.000	98	80.00-	120.00	100.00	

Data File: WF693665.D

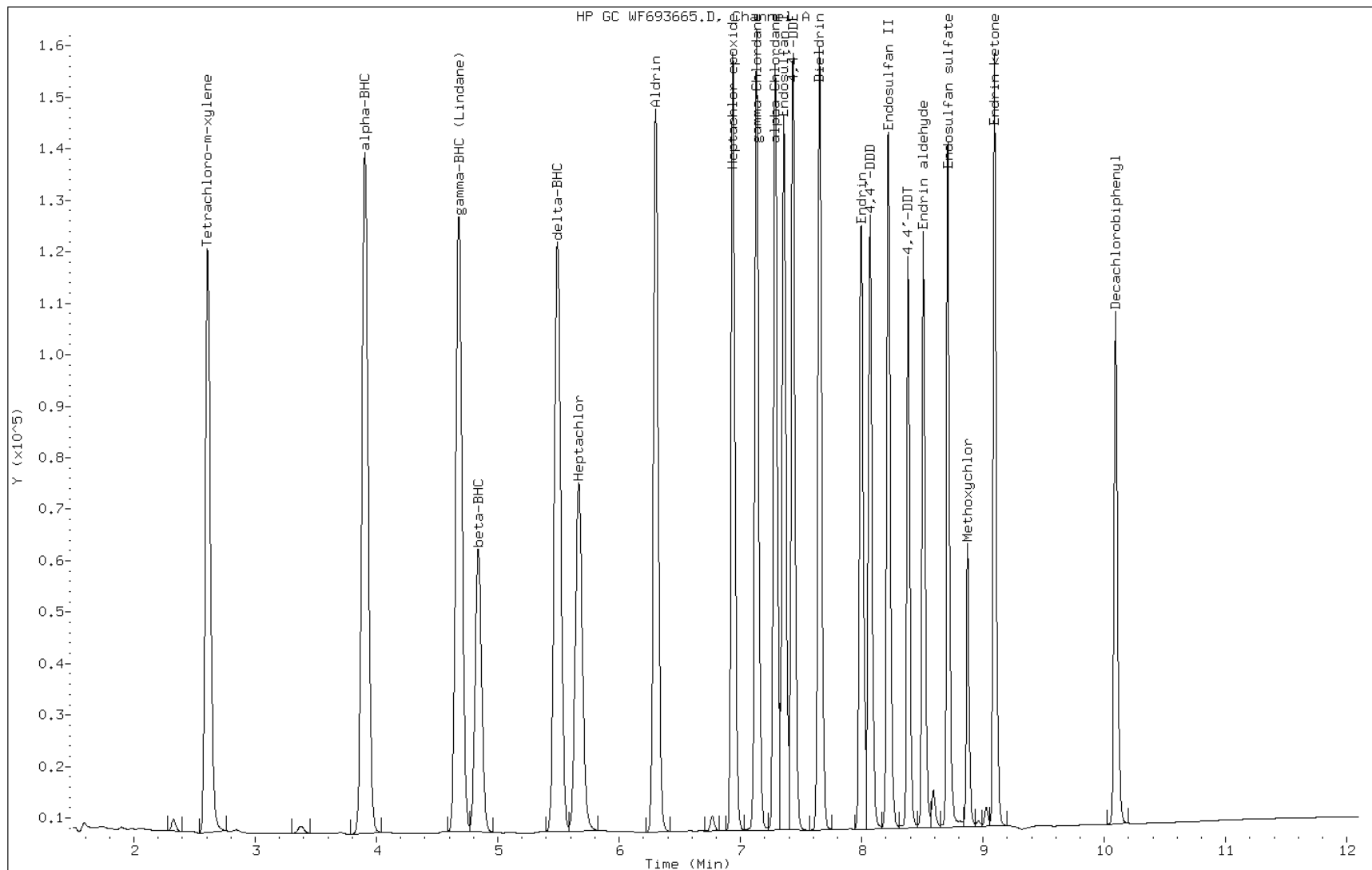
Date: 27-SEP-2011 10:39

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87399/12 Calibration Date: 09/27/2011 10:39
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WR693665.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	3796	4307		113	100	13.5	15.0
gamma-BHC (Lindane)	Ave	3592	4000		111	100	11.4	15.0
beta-BHC	Ave	1686	1894		112	100	12.3	15.0
delta-BHC	Ave	3456	4058		117	100	17.4*	15.0
Heptachlor	Ave	3426	3226		94.2	100	-5.8	15.0
Aldrin	Ave	3414	3878		114	100	13.6	15.0
Heptachlor epoxide	Ave	3187	3524		111	100	10.6	15.0
gamma-Chlordane	Ave	3183	3426		108	100	7.7	15.0
alpha-Chlordane	Ave	2875	3158		110	100	9.8	15.0
4,4'-DDE	Ave	2828	3148		111	100	11.3	15.0
Endosulfan I	Ave	2748	3019		110	100	9.9	15.0
Dieldrin	Ave	2855	3174		111	100	11.2	15.0
Endrin	Ave	2346	2542		108	100	8.4	15.0
4,4'-DDD	Ave	2496	2641		106	100	5.8	15.0
Endosulfan II	Ave	2587	2852		110	100	10.2	15.0
4,4'-DDT	Ave	2475	2422		97.8	100	-2.2	15.0
Endrin aldehyde	Ave	2163	2383		110	100	10.2	15.0
Methoxychlor	Ave	1254	1101		87.8	100	-12.2	15.0
Endosulfan sulfate	Ave	2320	2529		109	100	9.0	15.0
Endrin ketone	Ave	2557	2740		107	100	7.2	15.0
Tetrachloro-m-xylene	Ave	2634	2816		107	100	6.9	15.0
DCB Decachlorobiphenyl	Ave	2357	2388		101	100	1.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87399/12 Calibration Date: 09/27/2011 10:39
 Instrument ID: PESTGC4 Calib Start Date: 09/27/2011 05:25
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/27/2011 06:20
 Lab File ID: WR693665.D

Analyte	RT	RT WINDOW	
		TO	FROM
alpha-BHC	2.76	2.71	2.81
gamma-BHC (Lindane)	3.38	3.33	3.43
beta-BHC	3.55	3.50	3.60
delta-BHC	3.90	3.85	3.95
Heptachlor	4.32	4.27	4.37
Aldrin	4.92	4.87	4.97
Heptachlor epoxide	6.13	6.06	6.20
gamma-Chlordane	6.30	6.23	6.37
alpha-Chlordane	6.46	6.39	6.53
4,4'-DDE	6.54	6.47	6.61
Endosulfan I	6.61	6.54	6.68
Dieldrin	6.85	6.78	6.92
Endrin	7.08	7.01	7.15
4,4'-DDD	7.12	7.05	7.19
Endosulfan II	7.30	7.23	7.37
4,4'-DDT	7.41	7.34	7.48
Endrin aldehyde	7.73	7.66	7.80
Methoxychlor	7.90	7.83	7.97
Endosulfan sulfate	8.20	8.13	8.27
Endrin ketone	8.44	8.37	8.51
Tetrachloro-m-xylene	2.08	2.03	2.13
DCB Decachlorobiphenyl	9.13	9.03	9.23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693665.D
Lab Smp Id: PESTL3_00009
Inj Date : 27-SEP-2011 10:39
Operator :
Smp Info : SGPESTL3_00009
Misc Info :
Comment :
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Meth Date : 27-Sep-2011 10:50 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693652.D
Continuing Calibration Sample
Compound Sublist: SCpestRANGE.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene(surr)									
CAS #: 877-09-8									
2.077	2.077	0.000	281625	100.000	110	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
2.760	2.760	0.000	430743	100.000	110	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.377	3.377	0.000	400040	100.000	110	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
3.547	3.547	0.000	189415	100.000	110	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
3.903	3.903	0.000	405758	100.000	120	80.00- 120.00	100.00		

			AMOUNTS					
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor					CAS #:	76-44-8		
4.320	4.320	0.000	322558	100.000	94	80.00-	120.00	100.00

1 Aldrin					CAS #:	309-00-2		
4.917	4.917	0.000	387814	100.000	110	80.00-	120.00	100.00

18 Heptachlor epoxide					CAS #:	1024-57-3		
6.127	6.127	0.000	352409	100.000	110	80.00-	120.00	100.00

65 gamma-Chlordane					CAS #:	5103-74-2		
6.303	6.303	0.000	342627	100.000	110	80.00-	120.00	100.00

66 alpha-Chlordane					CAS #:	5103-71-9		
6.463	6.463	0.000	315804	100.000	110	80.00-	120.00	100.00

8 4,4'-DDE					CAS #:	72-55-9		
6.537	6.537	0.000	314826	100.000	110	80.00-	120.00	100.00

11 Endosulfan I					CAS #:	959-98-8		
6.613	6.613	0.000	301915	100.000	110	80.00-	120.00	100.00

10 Dieldrin					CAS #:	60-57-1		
6.850	6.850	0.000	317367	100.000	110	80.00-	120.00	100.00

14 Endrin					CAS #:	72-20-8		
7.080	7.080	0.000	254166	100.000	110	80.00-	120.00	100.00

7 4,4'-DDD					CAS #:	72-54-8		
7.123	7.123	0.000	264084	100.000	100	80.00-	120.00	100.00

12 Endosulfan II					CAS #:	33213-65-9		
7.303	7.303	0.000	285171	100.000	110	80.00-	120.00	100.00

9 4,4'-DDT					CAS #:	50-29-3		
7.407	7.407	0.000	242154	100.000	98	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #:	7421-93-4		
7.733	7.733	0.000	238309	100.000	110	80.00-	120.00	100.00

19 Methoxychlor					CAS #:	72-43-5		
7.897	7.897	0.000	110106	100.000	88	80.00-	120.00	100.00

13 Endosulfan sulfate					CAS #:	1031-07-8		
8.197	8.197	0.000	252944	100.000	110	80.00-	120.00	100.00

16 Endrin ketone					CAS #:	53494-70-5		
8.443	8.443	0.000	273958	100.000	110	80.00-	120.00	100.00

AMOUNTS							
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)				CAS #: 2051-24-3			
9.133	9.133	0.000	238784	100.000	100	80.00- 120.00	100.00

Data File: WR693665.D

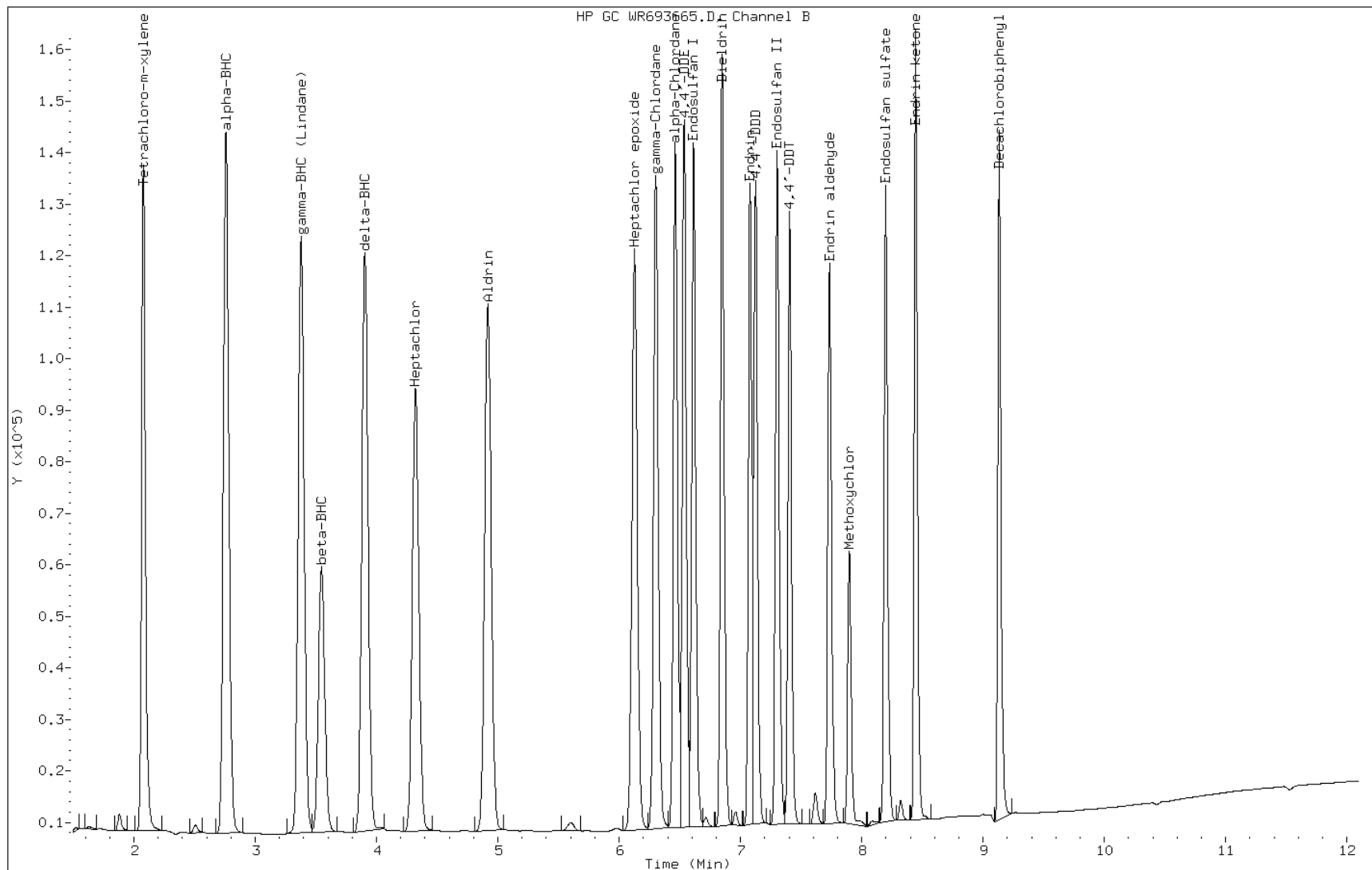
Date: 27-SEP-2011 10:39

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPESTL3_00009

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87369/1-A
Matrix: Solid Lab File ID: WF693663.D
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/27/2011 05:25
Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 10:11
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87399 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		53-150
877-09-8	Tetrachloro-m-xylene	116		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693663.D
Lab Smp Id: MB 460-87369/1-A
Inj Date : 27-SEP-2011 10:11
Operator :
Smp Info : MB 460-87369/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WF693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.600	2.607	-0.007	183474	57.8919	38	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.090	10.093	-0.003	126990	61.5508	41	80.00- 120.00	100.00		

Data File: WF693663.D

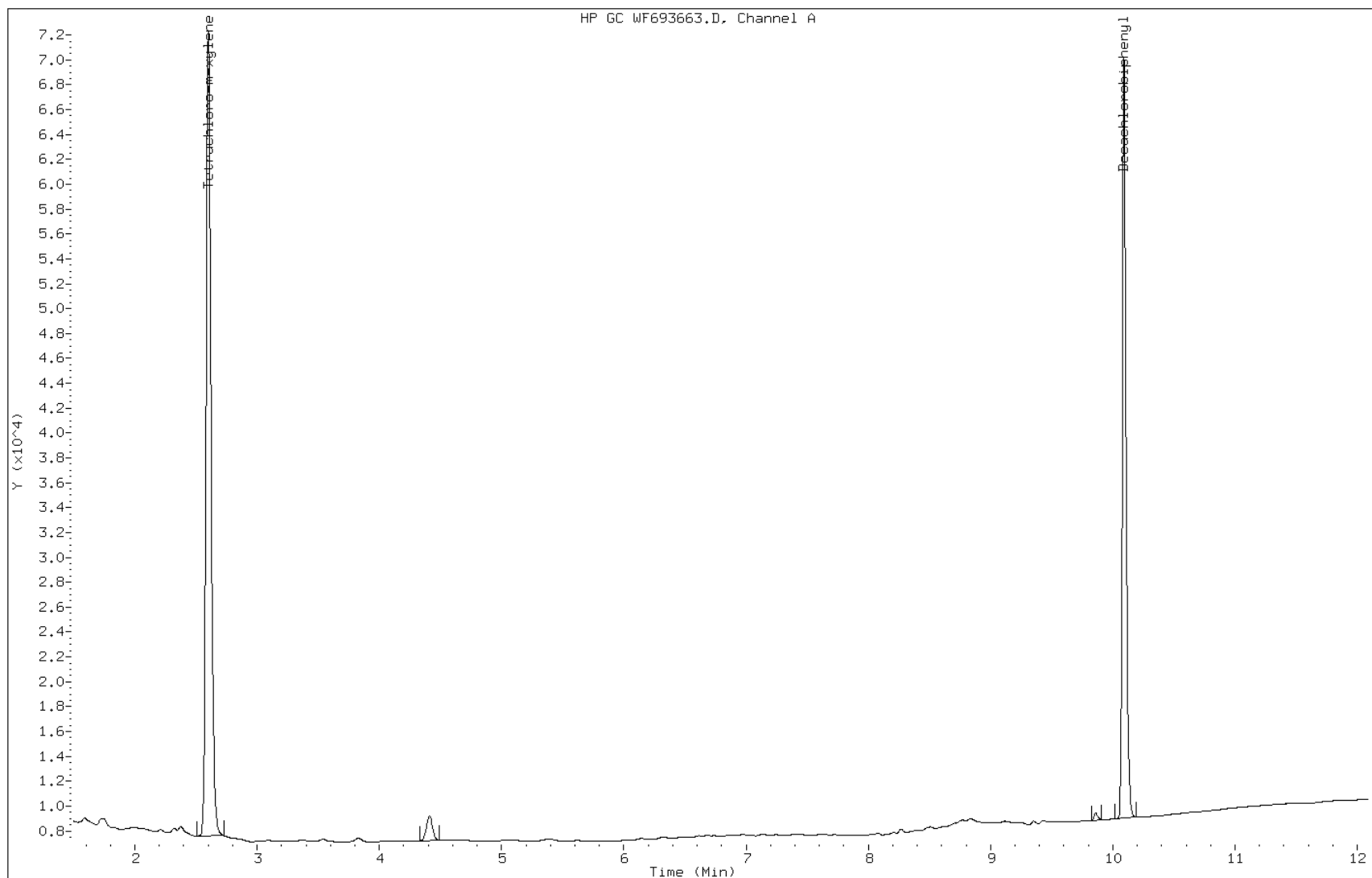
Date: 27-SEP-2011 10:11

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-87369/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87369/1-A
 Matrix: Solid Lab File ID: WR693663.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:25
 Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 10:11
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87399 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	6.7	U	6.7	1.2
319-85-7	beta-BHC	6.7	U	6.7	0.91
319-86-8	delta-BHC	6.7	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	6.7	U	6.7	0.78
76-44-8	Heptachlor	6.7	U	6.7	0.96
309-00-2	Aldrin	6.7	U	6.7	1.5
1024-57-3	Heptachlor epoxide	6.7	U	6.7	1.4
959-98-8	Endosulfan I	6.7	U	6.7	1.4
60-57-1	Dieldrin	6.7	U	6.7	1.3
72-55-9	4,4'-DDE	6.7	U	6.7	1.3
72-20-8	Endrin	6.7	U	6.7	0.94
33213-65-9	Endosulfan II	6.7	U	6.7	1.0
72-54-8	4,4'-DDD	6.7	U	6.7	0.80
1031-07-8	Endosulfan sulfate	6.7	U	6.7	0.86
50-29-3	4,4'-DDT	6.7	U	6.7	0.84
72-43-5	Methoxychlor	6.7	U	6.7	0.75
53494-70-5	Endrin ketone	6.7	U	6.7	0.99
7421-93-4	Endrin aldehyde	6.7	U	6.7	1.7
5103-71-9	alpha-Chlordane	6.7	U	6.7	1.4
5103-74-2	gamma-Chlordane	6.7	U	6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	126		53-150
877-09-8	Tetrachloro-m-xylene	116		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693663.D
Lab Smp Id: MB 460-87369/1-A
Inj Date : 27-SEP-2011 10:11
Operator :
Smp Info : MB 460-87369/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.077	2.077	0.000	153282	58.1911	39	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.133	9.133	0.000	148477	62.9828	42	80.00- 120.00	100.00		

Data File: WR693663.D

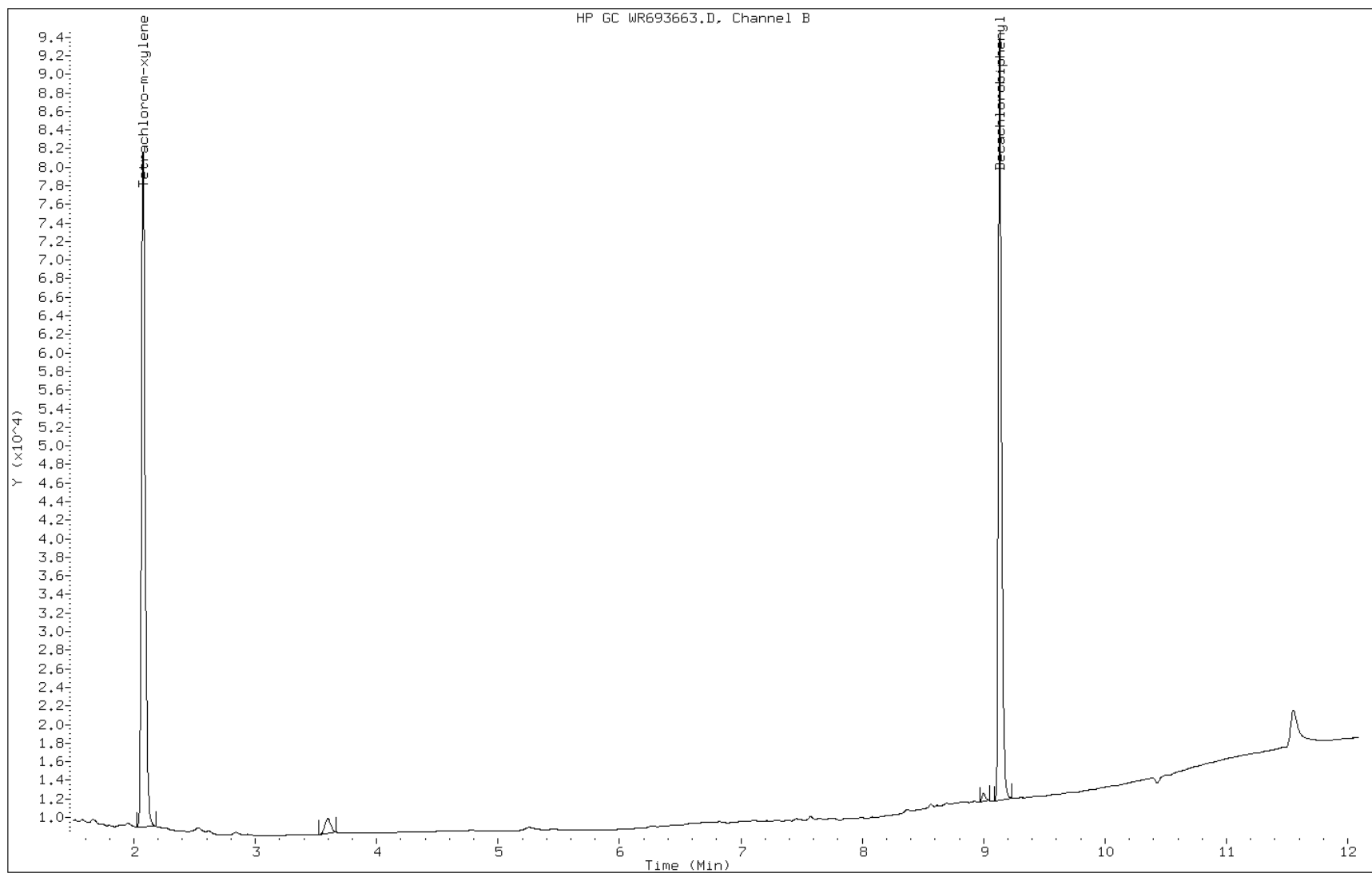
Date: 27-SEP-2011 10:11

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-87369/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88124/1-A
Matrix: Solid Lab File ID: xf125137.d
Analysis Method: 8081A Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/04/2011 04:38
Sample wt/vol: 15.00(g) Date Analyzed: 10/06/2011 15:23
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 88872 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	87		53-150
877-09-8	Tetrachloro-m-xylene	83		40-150

Data File: xf125137.d
Report Date: 10-Oct-2011 09:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125137.d
Lab Smp Id: mb 460-88124/1-a
Inj Date : 06-OCT-2011 15:23
Operator :
Smp Info : mb 460-88124/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 10-Oct-2011 09:40 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.597	2.593	0.004	128370	41.6328	28	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.753	10.753	0.000	90348	43.6618	29	80.00- 120.00	100.00		

Data File: xf125137.d

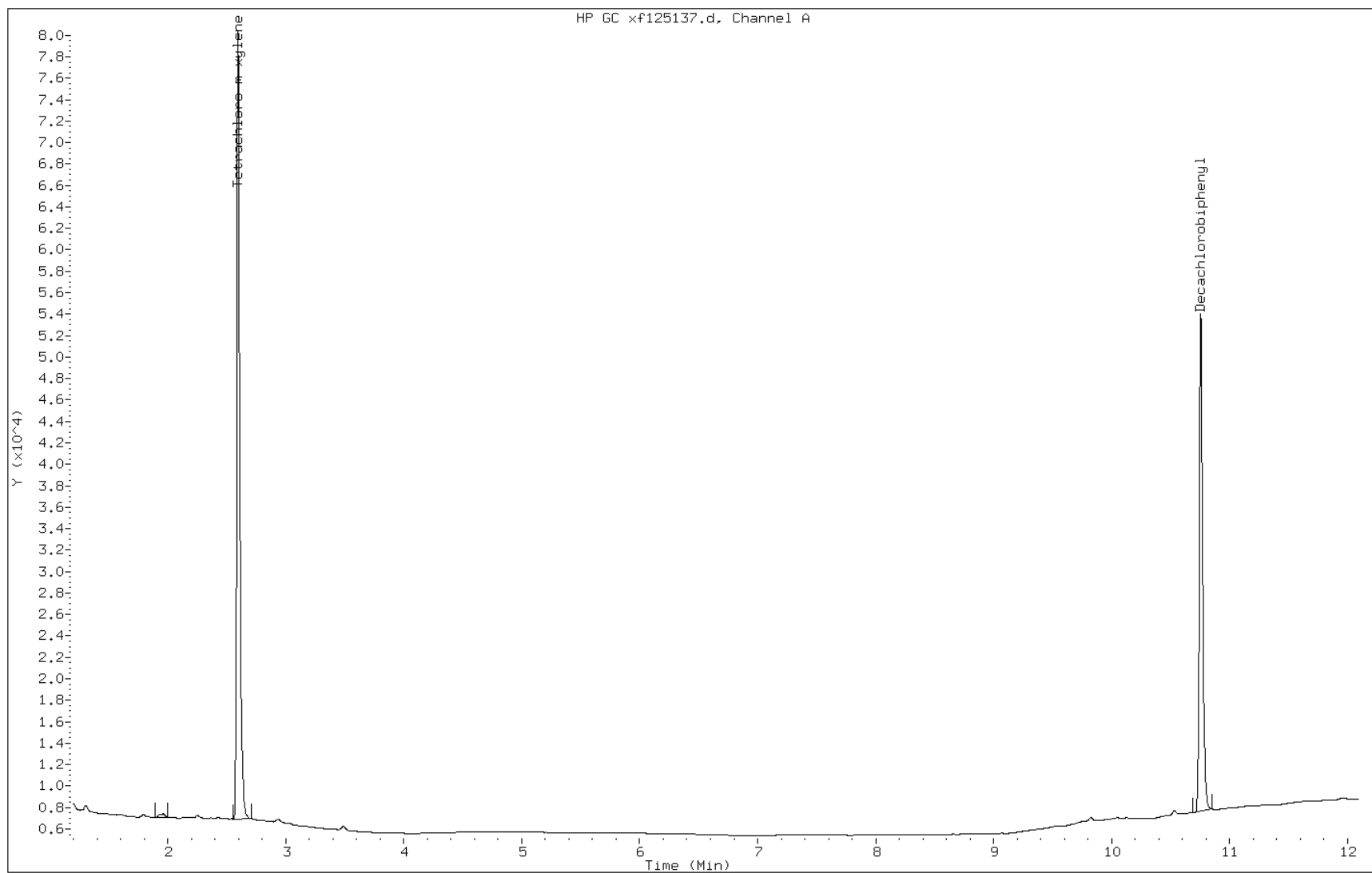
Date: 06-OCT-2011 15:23

Client ID:

Instrument: PESTGC1.i

Sample Info: mb 460-88124/1-a

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-88124/1-A
 Matrix: Solid Lab File ID: xr125137.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:38
 Sample wt/vol: 15.00(g) Date Analyzed: 10/06/2011 15:23
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88872 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	6.7	U	6.7	1.2
319-85-7	beta-BHC	6.7	U	6.7	0.91
319-86-8	delta-BHC	6.7	U	6.7	1.0
58-89-9	gamma-BHC (Lindane)	6.7	U	6.7	0.78
76-44-8	Heptachlor	6.7	U	6.7	0.96
309-00-2	Aldrin	6.7	U	6.7	1.5
1024-57-3	Heptachlor epoxide	6.7	U	6.7	1.4
959-98-8	Endosulfan I	6.7	U	6.7	1.4
60-57-1	Dieldrin	6.7	U	6.7	1.3
72-55-9	4,4'-DDE	6.7	U	6.7	1.3
72-20-8	Endrin	6.7	U	6.7	0.94
33213-65-9	Endosulfan II	6.7	U	6.7	1.0
72-54-8	4,4'-DDD	6.7	U	6.7	0.80
1031-07-8	Endosulfan sulfate	6.7	U	6.7	0.86
50-29-3	4,4'-DDT	6.7	U	6.7	0.84
72-43-5	Methoxychlor	6.7	U	6.7	0.75
53494-70-5	Endrin ketone	6.7	U	6.7	0.99
7421-93-4	Endrin aldehyde	6.7	U	6.7	1.7
5103-71-9	alpha-Chlordane	6.7	U	6.7	1.4
5103-74-2	gamma-Chlordane	6.7	U	6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		53-150
877-09-8	Tetrachloro-m-xylene	89		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125137.d
Lab Smp Id: mb 460-88124/1-a
Inj Date : 06-OCT-2011 15:23
Operator :
Smp Info : mb 460-88124/1-a
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
1.930	1.927	0.003	261494	44.6701	30	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.383	9.380	0.003	190020	42.3113	28	80.00- 120.00	100.00		

Data File: xr125137.d

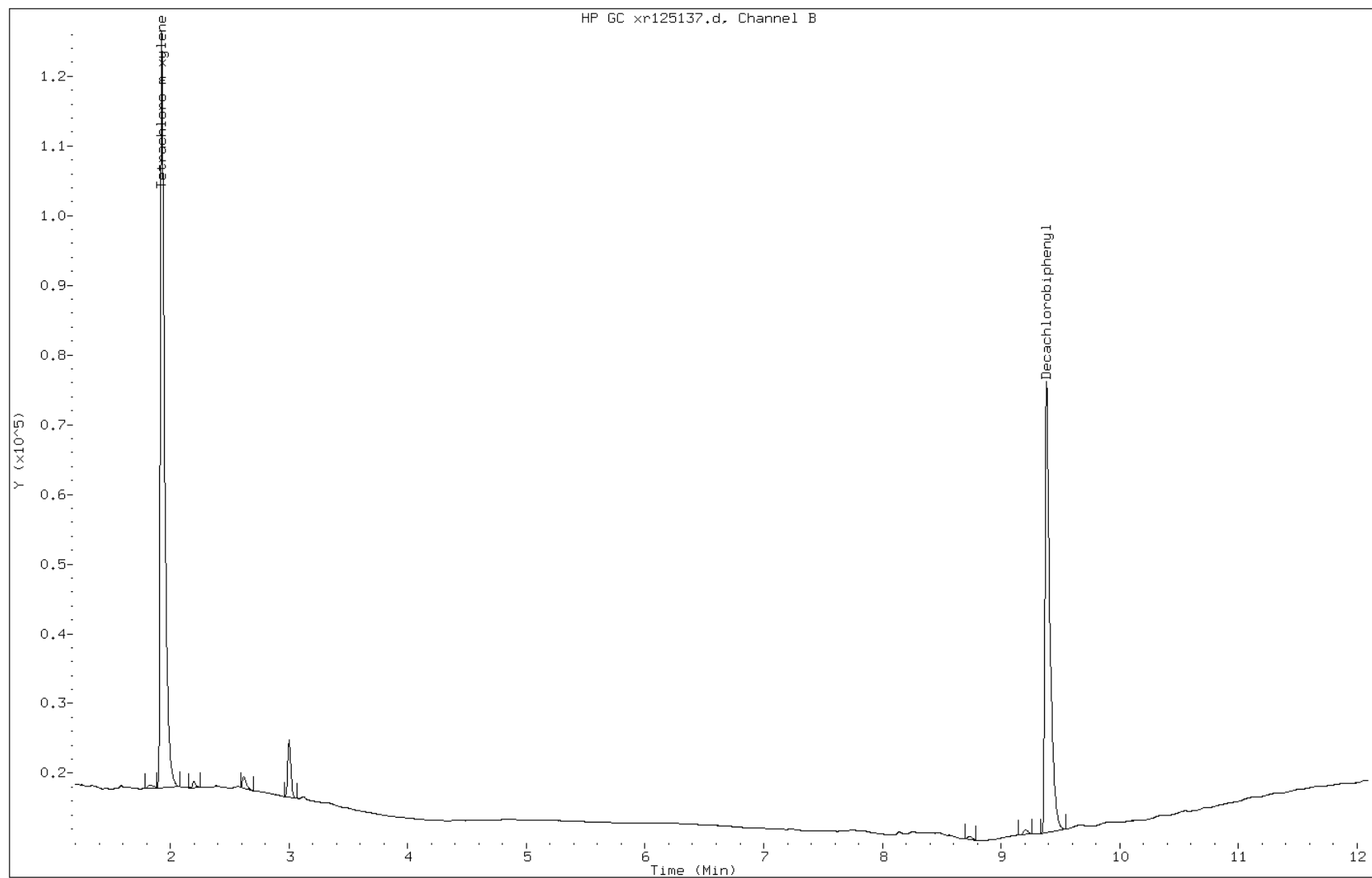
Date: 06-OCT-2011 15:23

Client ID:

Instrument: PESTGC1.i

Sample Info: mb 460-88124/1-a

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87399/1
 Matrix: Solid Lab File ID: WF693654.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/27/2011 07:16
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87399 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		53-150
877-09-8	Tetrachloro-m-xylene	122		40-150

Data File: WF693654.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693654.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 27-SEP-2011 07:16
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:46 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
2.607	2.607	0.000	77067	24.3171	16	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
10.093	10.093	0.000	50508	24.4807	16	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693654.D

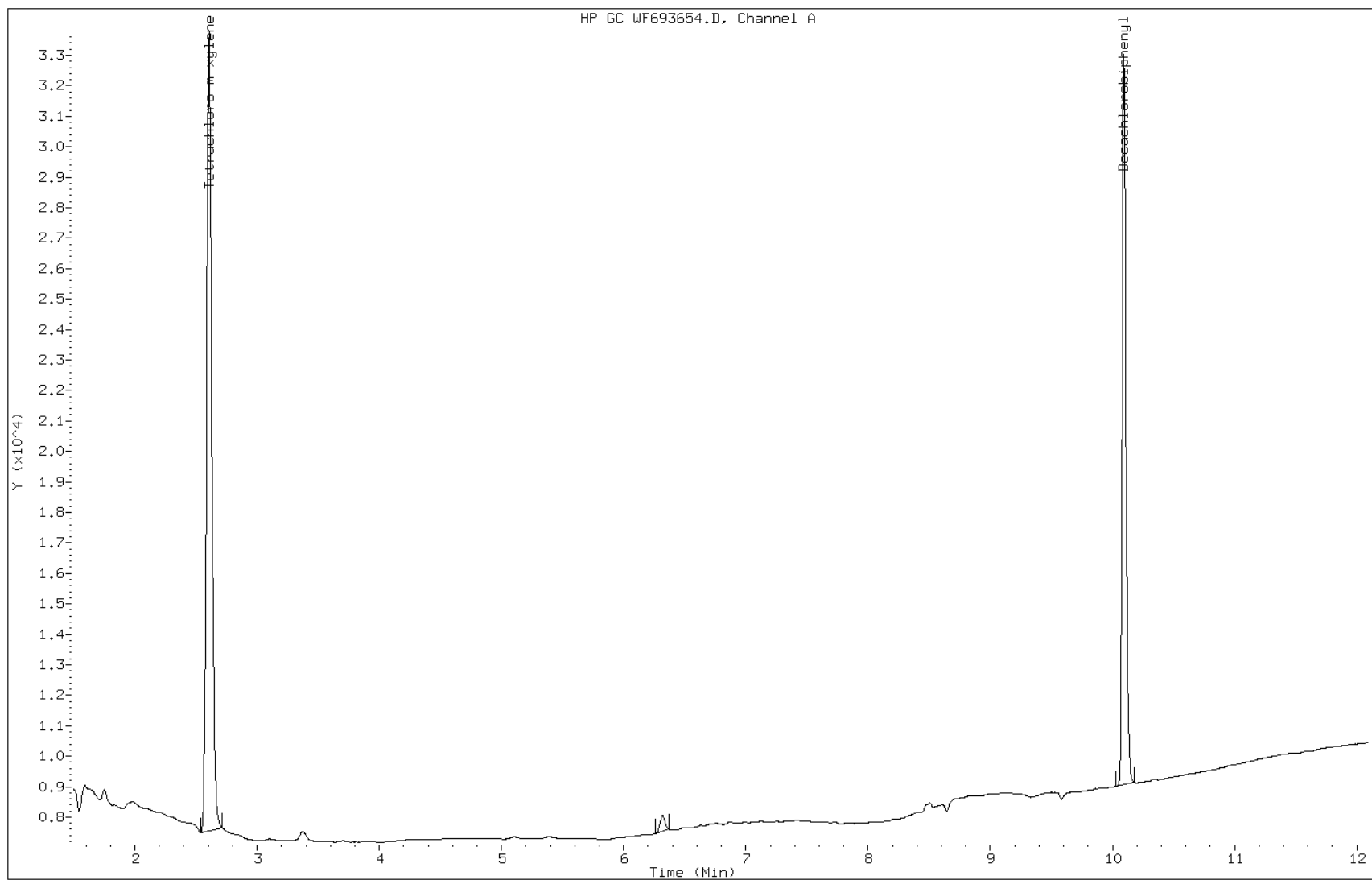
Date: 27-SEP-2011 07:16

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-87399/1

Matrix: Solid Lab File ID: WR693654.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 09/27/2011 07:16

Con. Extract Vol.: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 87399 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	129		53-150
877-09-8	Tetrachloro-m-xylene	123		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693654.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 27-SEP-2011 07:16
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.073	2.077	-0.004	64925	24.6477	16	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.133	9.133	0.000	60910	25.8375	17	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR693654.D

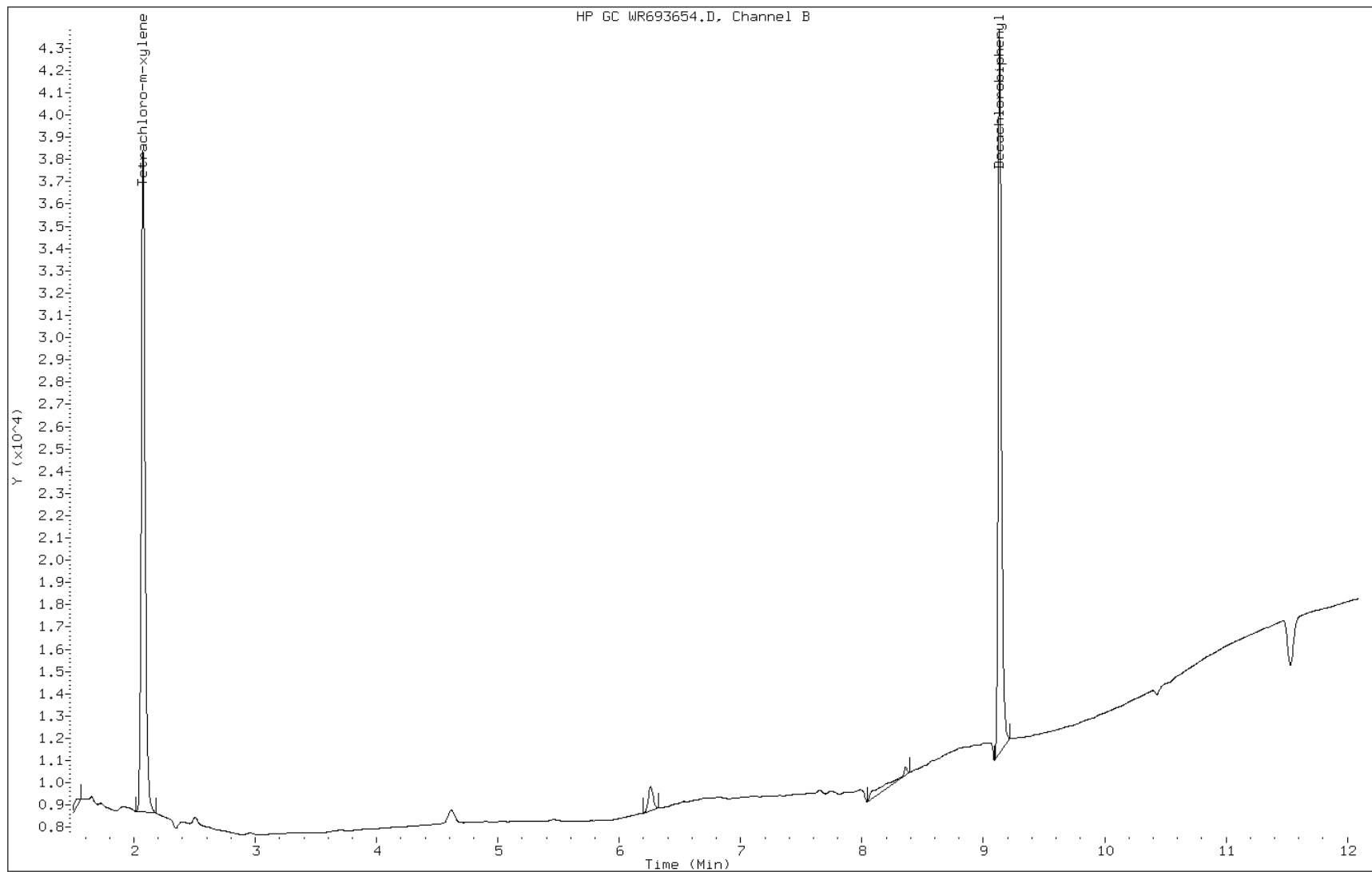
Date: 27-SEP-2011 07:16

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87399/11
 Matrix: Solid Lab File ID: WF693664.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/27/2011 10:25
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87399 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	125		53-150
877-09-8	Tetrachloro-m-xylene	129		40-150

Data File: WF693664.D
Report Date: 27-Sep-2011 10:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693664.D
Lab Smp Id: PIBLK_00008
Inj Date : 27-SEP-2011 10:25
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.607	2.607	0.000	81703	25.7799	17	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.093	10.093	0.000	51533	24.9775	17	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693664.D

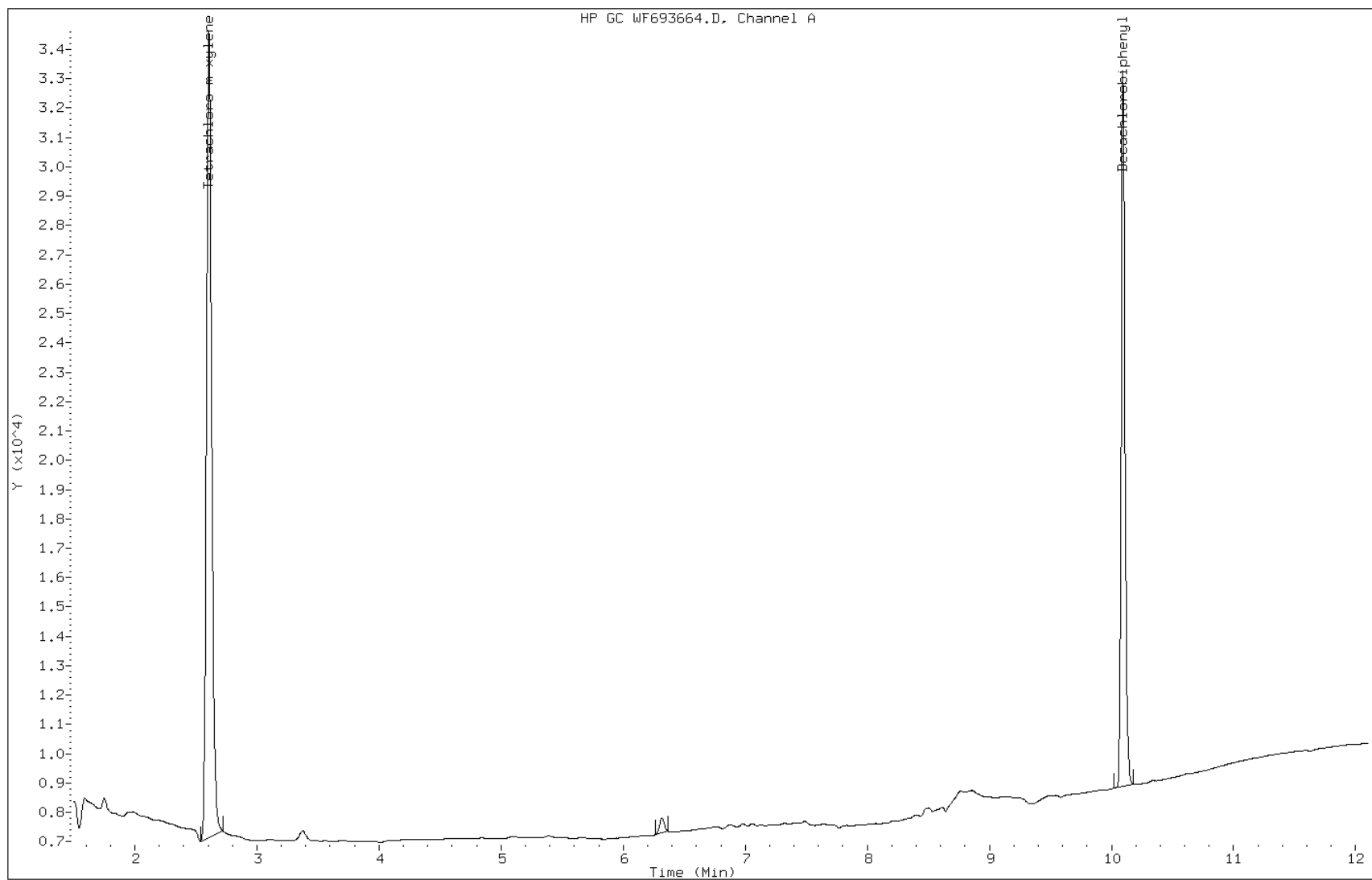
Date: 27-SEP-2011 10:25

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-87399/11

Matrix: Solid Lab File ID: WR693664.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 09/27/2011 10:25

Con. Extract Vol.: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 87399 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		53-150
877-09-8	Tetrachloro-m-xylene	130		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693664.D
Lab Smp Id: PIBLK_00008
Inj Date : 27-SEP-2011 10:25
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable

Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.073	2.077	-0.004	68592	26.0398	17	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.133	9.133	0.000	62550	26.5332	18	80.00- 120.00	100.00		

Data File: WR693664.D

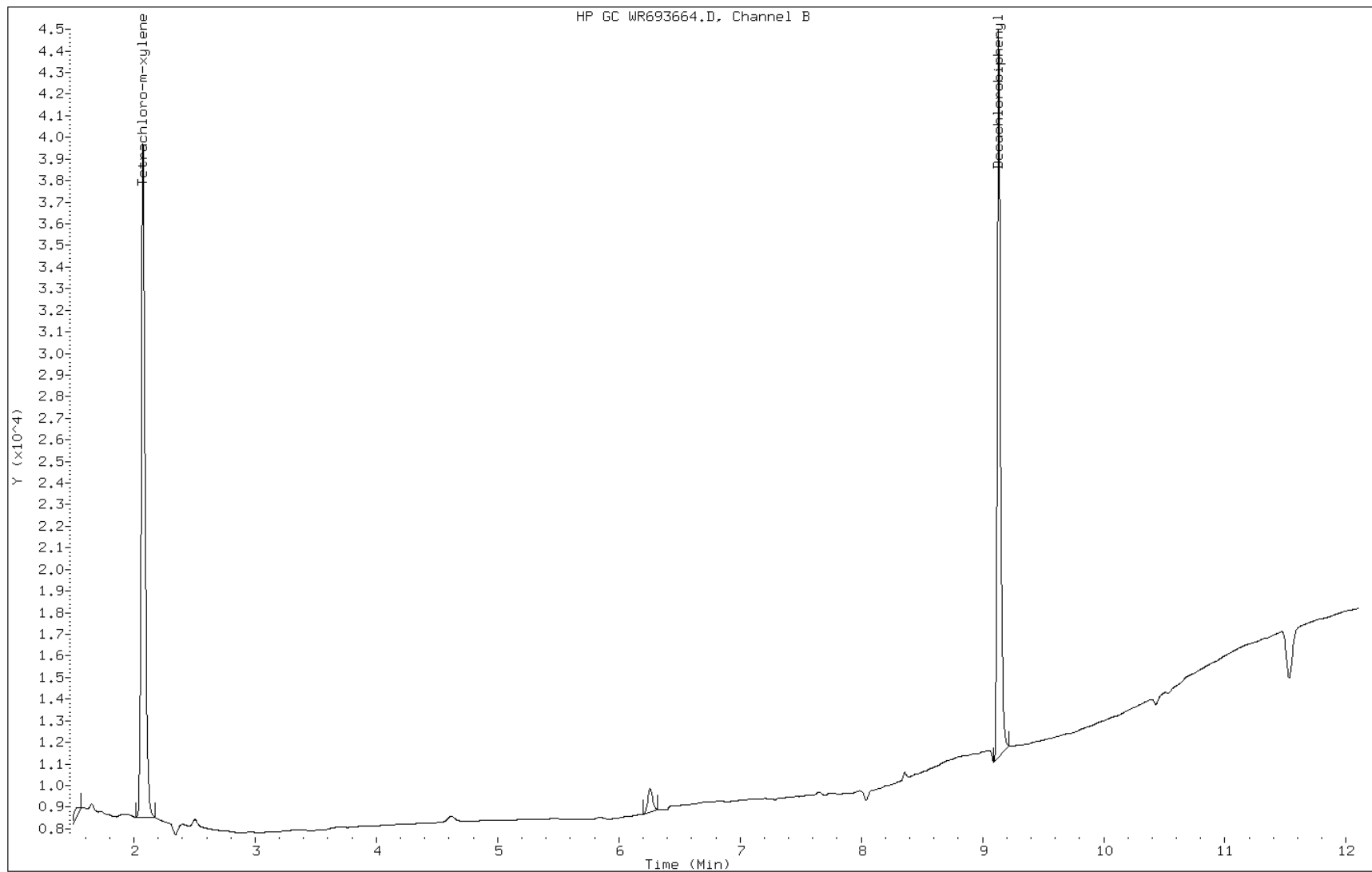
Date: 27-SEP-2011 10:25

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-88872/1
 Matrix: Solid Lab File ID: xf125117.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/06/2011 10:07
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88872 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	163	X	53-150
877-09-8	Tetrachloro-m-xylene	111		40-150

Data File: xf125117.d
Report Date: 10-Oct-2011 09:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125117.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 06-OCT-2011 10:07
Operator : Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 07-Oct-2011 12:20 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xf125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.607	2.593	0.014	68631	22.2583	15	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.763	10.753	0.010	67436	32.5893	22	80.00- 120.00	100.00		

Data File: xf125117.d

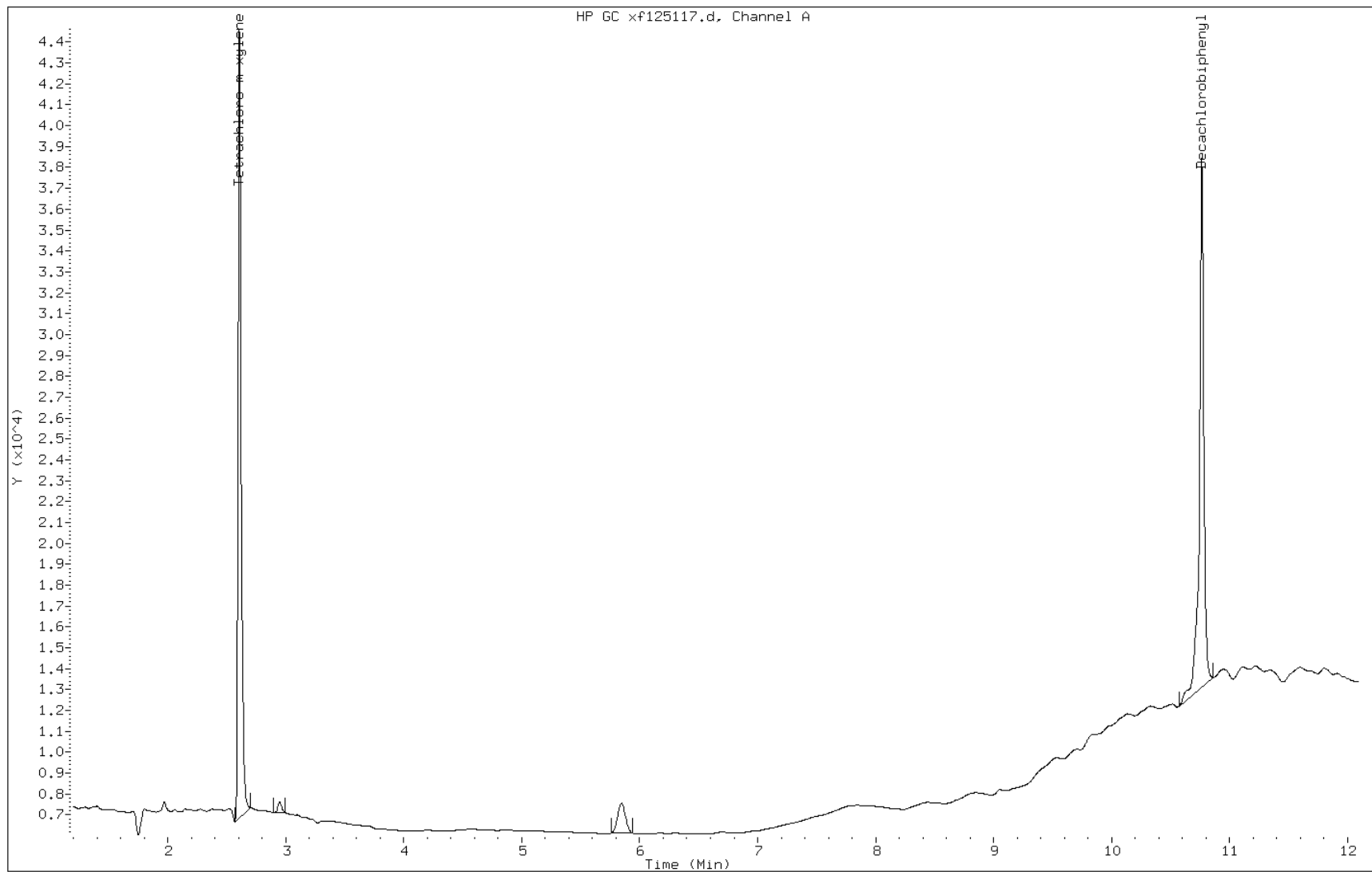
Date: 06-OCT-2011 10:07

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-88872/1
 Matrix: Solid Lab File ID: xr125117.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/06/2011 10:07
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88872 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	116		53-150
877-09-8	Tetrachloro-m-xylene	104		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125117.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 06-OCT-2011 10:07
Operator : Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
1.913	1.927	-0.014	121323	20.7252	14	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.383	9.380	0.003	104298	23.2238	15	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xr125117.d

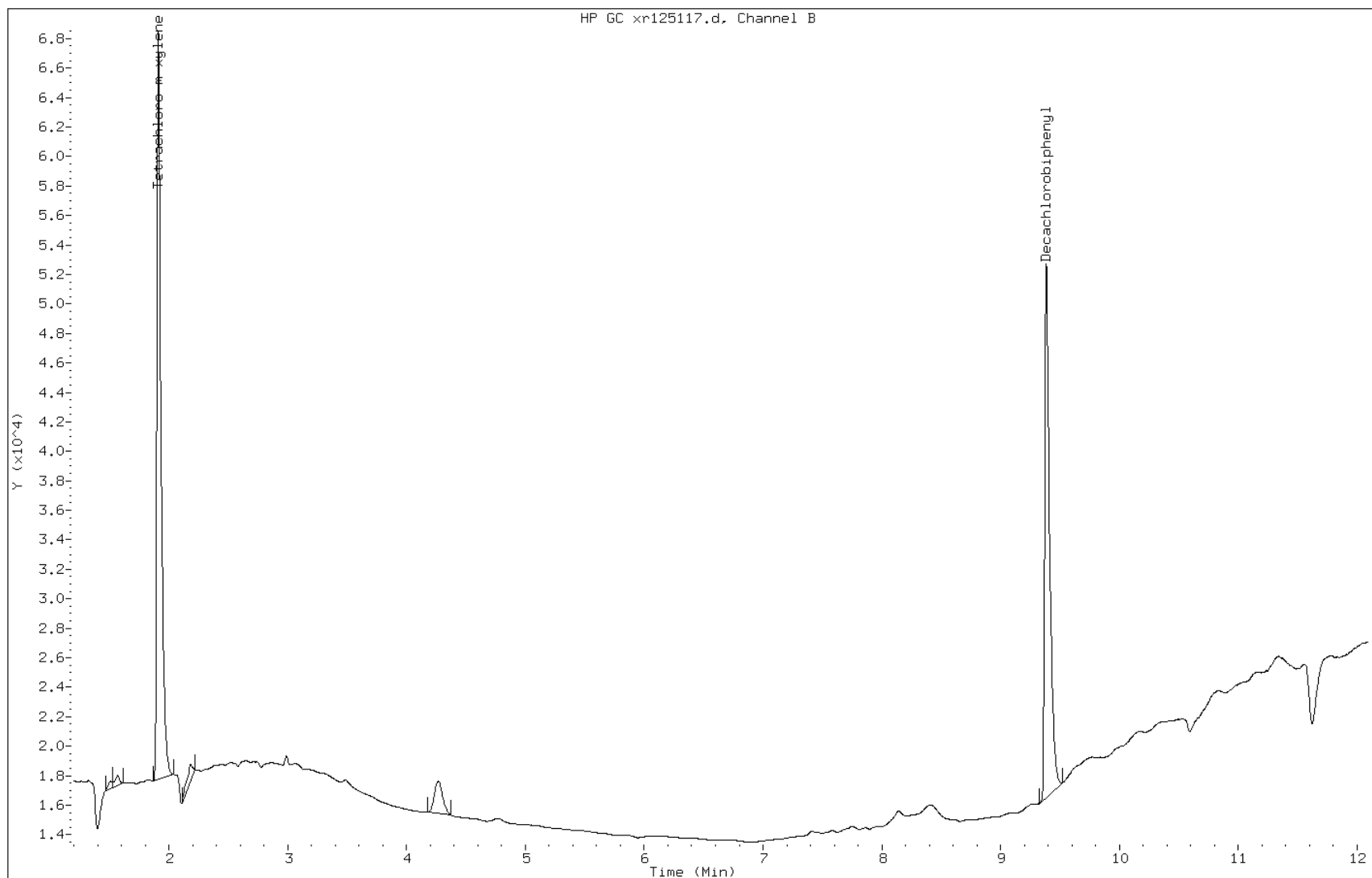
Date: 06-OCT-2011 10:07

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: PIBLK 460-88872/22

Matrix: Solid Lab File ID: xf125138.d

Analysis Method: 8081A Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: _____ Date Analyzed: 10/06/2011 15:36

Con. Extract Vol.: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 88872 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		53-150
877-09-8	Tetrachloro-m-xylene	111		40-150

Data File: xf125138.d
Report Date: 10-Oct-2011 09:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125138.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 06-OCT-2011 15:36
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 10-Oct-2011 09:40 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.597	2.593	0.004	68240	22.1315	15	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.753	10.753	0.000	42121	20.3555	14	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xf125138.d

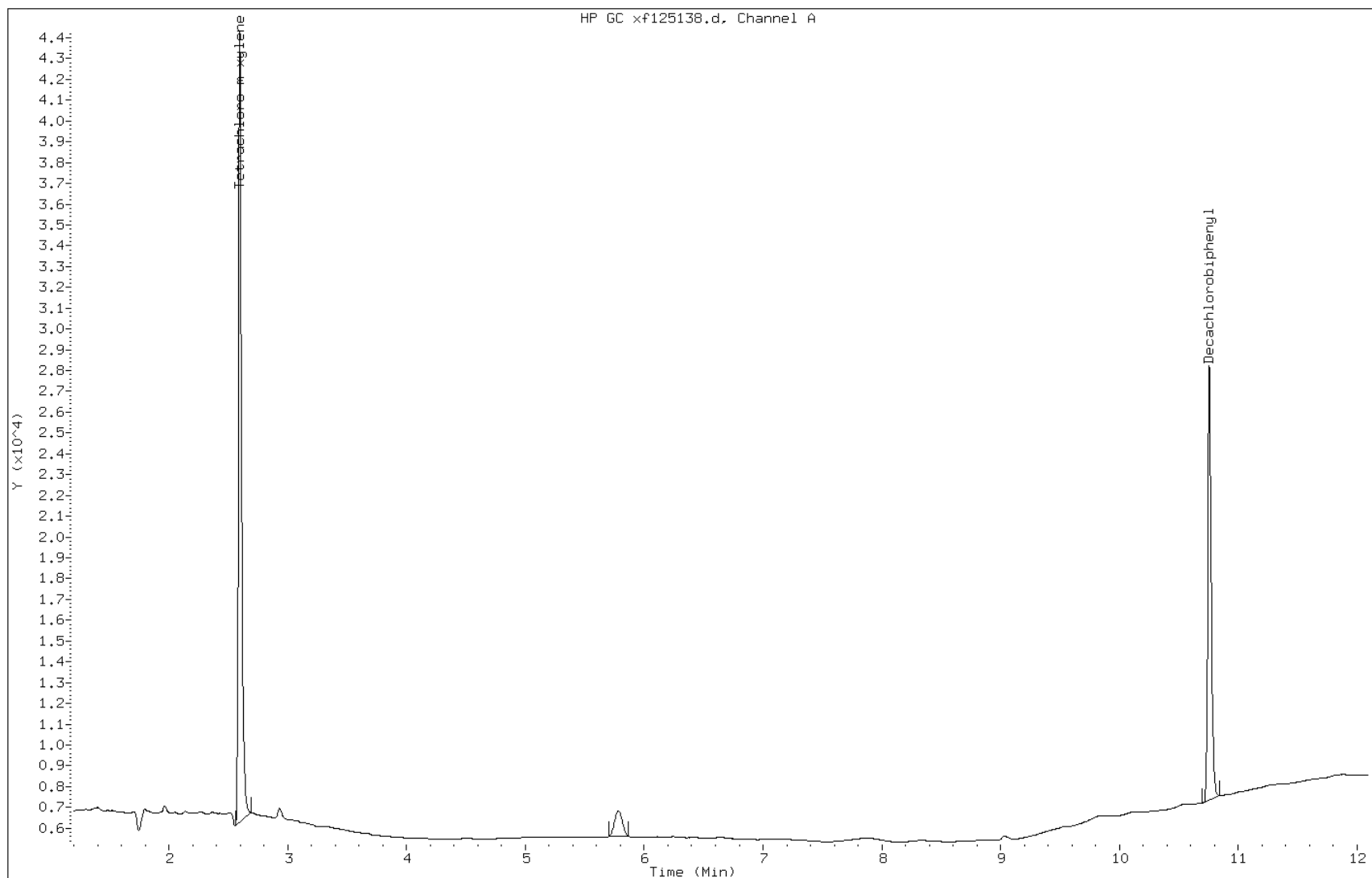
Date: 06-OCT-2011 15:36

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-88872/22
 Matrix: Solid Lab File ID: xr125138.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 10/06/2011 15:36
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 1 (uL) GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88872 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.050	U	0.050	0.010
319-85-7	beta-BHC	0.050	U	0.050	0.011
319-86-8	delta-BHC	0.050	U	0.050	0.0090
58-89-9	gamma-BHC (Lindane)	0.050	U	0.050	0.012
76-44-8	Heptachlor	0.050	U	0.050	0.010
309-00-2	Aldrin	0.050	U	0.050	0.010
1024-57-3	Heptachlor epoxide	0.050	U	0.050	0.010
959-98-8	Endosulfan I	0.050	U	0.050	0.0090
60-57-1	Dieldrin	0.050	U	0.050	0.0050
72-55-9	4,4'-DDE	0.050	U	0.050	0.0090
72-20-8	Endrin	0.050	U	0.050	0.010
33213-65-9	Endosulfan II	0.050	U	0.050	0.010
72-54-8	4,4'-DDD	0.050	U	0.050	0.011
1031-07-8	Endosulfan sulfate	0.050	U	0.050	0.016
50-29-3	4,4'-DDT	0.050	U	0.050	0.010
72-43-5	Methoxychlor	0.050	U	0.050	0.013
53494-70-5	Endrin ketone	0.050	U	0.050	0.011
7421-93-4	Endrin aldehyde	0.050	U	0.050	0.0090
5103-71-9	alpha-Chlordane	0.050	U	0.050	0.0080
5103-74-2	gamma-Chlordane	0.050	U	0.050	0.0090
8001-35-2	Toxaphene	0.50	U	0.50	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	98		53-150
877-09-8	Tetrachloro-m-xylene	110		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125138.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 06-OCT-2011 15:36
Operator : Inst ID: PESTGC1.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	ON-COL	FINAL	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene					CAS #: 877-09-8				
1.930	1.927	0.003	128791	22.0009	15	80.00- 120.00	100.00		
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.383	9.380	0.003	88376	19.6785	13	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: xr125138.d

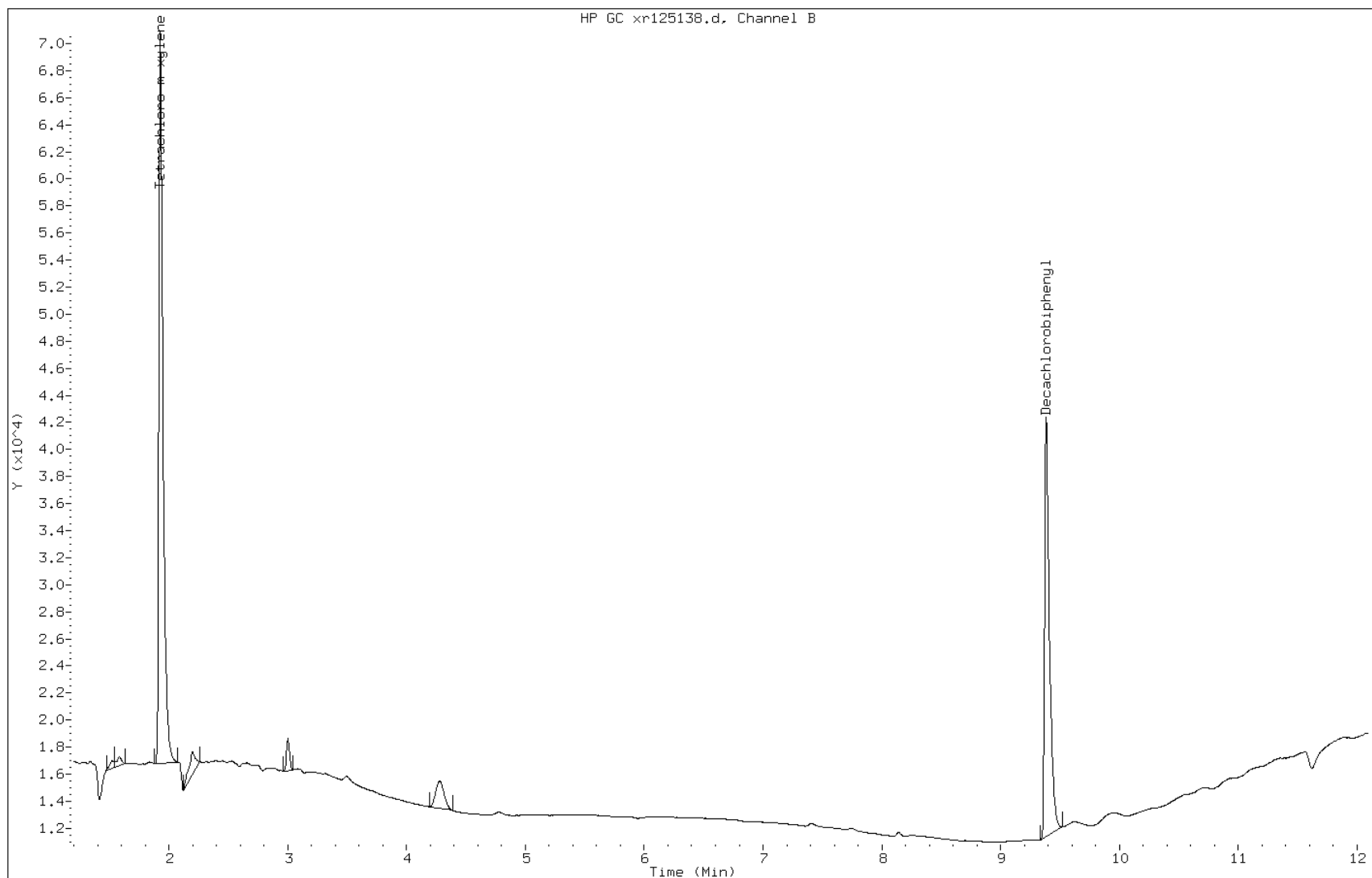
Date: 06-OCT-2011 15:36

Client ID:

Instrument: PESTGC1.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-87369/2-A

Matrix: Solid Lab File ID: WF693662.D

Analysis Method: 8081A Date Collected: _____

Extraction Method: 3541 Date Extracted: 09/27/2011 05:25

Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 09:58

Con. Extract Vol.: 10(mL) Dilution Factor: 1

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

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

Analysis Batch No.: 87399 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	135		6.7	1.2
319-85-7	beta-BHC	129		6.7	0.91
319-86-8	delta-BHC	141		6.7	1.0
58-89-9	gamma-BHC (Lindane)	135		6.7	0.78
76-44-8	Heptachlor	103		6.7	0.96
309-00-2	Aldrin	132		6.7	1.5
1024-57-3	Heptachlor epoxide	129		6.7	1.4
959-98-8	Endosulfan I	129		6.7	1.4
60-57-1	Dieldrin	132		6.7	1.3
72-55-9	4,4'-DDE	131		6.7	1.3
72-20-8	Endrin	128		6.7	0.94
33213-65-9	Endosulfan II	128		6.7	1.0
72-54-8	4,4'-DDD	129		6.7	0.80
1031-07-8	Endosulfan sulfate	125		6.7	0.86
50-29-3	4,4'-DDT	114		6.7	0.84
72-43-5	Methoxychlor	101		6.7	0.75
53494-70-5	Endrin ketone	122		6.7	0.99
7421-93-4	Endrin aldehyde	104		6.7	1.7
5103-71-9	alpha-Chlordane	130		6.7	1.4
5103-74-2	gamma-Chlordane	130		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		53-150
877-09-8	Tetrachloro-m-xylene	111		40-150

Data File: WF693662.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693662.D
Lab Smp Id: LCS 460-87369/2-
Inj Date : 27-SEP-2011 09:58
Operator :
Smp Info : LCS 460-87369/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
QC Sample: BS
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
RT	EXP RT	DLT RT	RESPONSE	ON-COL	FINAL	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.607	2.607	0.000	176511	55.6949	37	80.00- 120.00	100.00		

2 alpha-BHC CAS #: 319-84-6									
3.903	3.903	0.000	860481	202.095	130	80.00- 120.00	100.00		

5 gamma-BHC (Lindane) CAS #: 58-89-9									
4.677	4.677	0.000	788144	202.003	130	80.00- 120.00	100.00		

3 beta-BHC CAS #: 319-85-7									
4.837	4.837	0.000	355944	192.807	130	80.00- 120.00	100.00		

4 delta-BHC CAS #: 319-86-8									
5.490	5.490	0.000	782905	212.027	140	80.00- 120.00	100.00		

Data File: WF693662.D
Report Date: 27-Sep-2011 10:51

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====			=====	=====	=====	=====
17	Heptachlor					CAS #: 76-44-8		
5.667	5.667	0.000			452589 154.528	100	80.00- 120.00	100.00

1	Aldrin					CAS #: 309-00-2		
6.300	6.300	0.000			697606 197.483	130	80.00- 120.00	100.00

18	Heptachlor epoxide					CAS #: 1024-57-3		
6.937	6.937	0.000			591548 193.051	130	80.00- 120.00	100.00

65	gamma-Chlordane					CAS #: 5103-74-2		
7.133	7.133	0.000			627641 195.282	130	80.00- 120.00	100.00

66	alpha-Chlordane					CAS #: 5103-71-9		
7.287	7.287	0.000			587374 194.453	130	80.00- 120.00	100.00

11	Endosulfan I					CAS #: 959-98-8		
7.360	7.357	0.003			565822 192.886	130	80.00- 120.00	100.00

8	4,4'-DDE					CAS #: 72-55-9		
7.433	7.433	0.000			592265 197.217	130	80.00- 120.00	100.00

10	Dieldrin					CAS #: 60-57-1		
7.653	7.650	0.003			608892 197.312	130	80.00- 120.00	100.00

14	Endrin					CAS #: 72-20-8		
7.997	7.993	0.004			476245 191.715	130	80.00- 120.00	100.00

7	4,4'-DDD					CAS #: 72-54-8		
8.070	8.067	0.003			467041 193.177	130	80.00- 120.00	100.00

12	Endosulfan II					CAS #: 33213-65-9		
8.220	8.217	0.003			513207 192.650	130	80.00- 120.00	100.00

9	4,4'-DDT					CAS #: 50-29-3		
8.383	8.383	0.000			351032 171.644	110	80.00- 120.00	100.00

15	Endrin aldehyde					CAS #: 7421-93-4		
8.507	8.507	0.000			316977 155.998	100	80.00- 120.00	100.00

13	Endosulfan sulfate					CAS #: 1031-07-8		
8.707	8.707	0.000			413769 187.209	120	80.00- 120.00	100.00

19	Methoxychlor					CAS #: 72-43-5		
8.870	8.873	-0.003			146655 151.508	100	80.00- 120.00	100.00

16	Endrin ketone					CAS #: 53494-70-5		
9.093	9.093	0.000			460316 182.497	120	80.00- 120.00	100.00

Data File: WF693662.D
Report Date: 27-Sep-2011 10:51

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	=====
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3					
10.093	10.093	0.000		116939	56.6792	38	80.00- 120.00	100.00	

Data File: WF693662.D

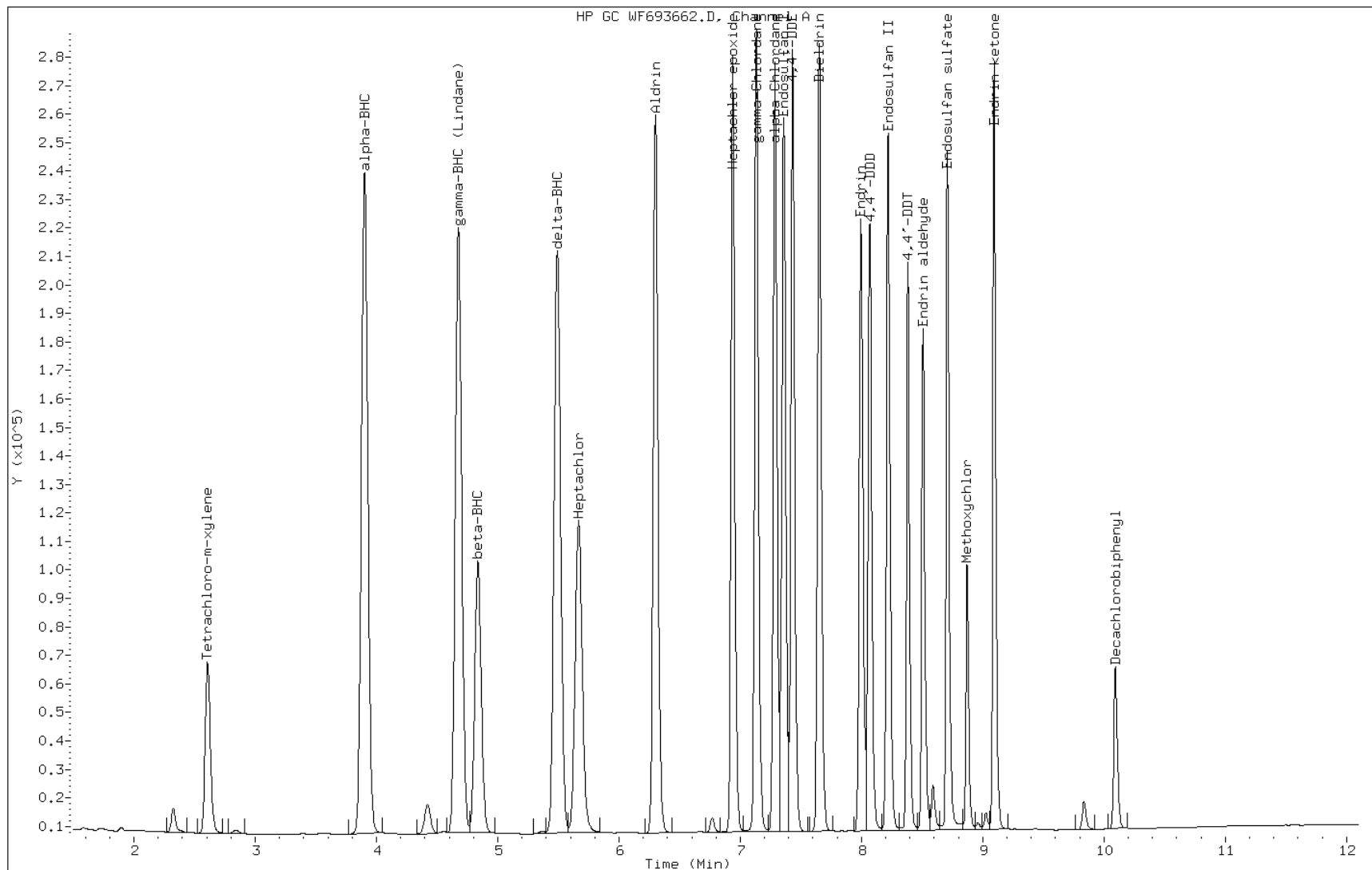
Date: 27-SEP-2011 09:58

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-87369/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87369/2-A
 Matrix: Solid Lab File ID: WR693662.D
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:25
 Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 09:58
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87399 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	135		6.7	1.2
319-85-7	beta-BHC	142		6.7	0.91
319-86-8	delta-BHC	141		6.7	1.0
58-89-9	gamma-BHC (Lindane)	136		6.7	0.78
76-44-8	Heptachlor	103		6.7	0.96
309-00-2	Aldrin	135		6.7	1.5
1024-57-3	Heptachlor epoxide	132		6.7	1.4
959-98-8	Endosulfan I	132		6.7	1.4
60-57-1	Dieldrin	134		6.7	1.3
72-55-9	4,4'-DDE	135		6.7	1.3
72-20-8	Endrin	132		6.7	0.94
33213-65-9	Endosulfan II	131		6.7	1.0
72-54-8	4,4'-DDD	127		6.7	0.80
1031-07-8	Endosulfan sulfate	128		6.7	0.86
50-29-3	4,4'-DDT	115		6.7	0.84
72-43-5	Methoxychlor	90.2		6.7	0.75
53494-70-5	Endrin ketone	126		6.7	0.99
7421-93-4	Endrin aldehyde	110		6.7	1.7
5103-71-9	alpha-Chlordane	131		6.7	1.4
5103-74-2	gamma-Chlordane	129		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		53-150
877-09-8	Tetrachloro-m-xylene	115		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693662.D
Lab Smp Id: LCS 460-87369/2-
Inj Date : 27-SEP-2011 09:58
Operator :
Smp Info : LCS 460-87369/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
\$ 28	Tetrachloro-m-xylene					CAS #:	877-09-8		
2.077	2.077	0.000		151411	57.4807	38	80.00-	120.00	100.00

2	alpha-BHC					CAS #:	319-84-6		
2.757	2.760	-0.003		768153	202.373	130	80.00-	120.00	100.00

5	gamma-BHC (Lindane)					CAS #:	58-89-9		
3.373	3.377	-0.004		731161	203.539	140	80.00-	120.00	100.00

3	beta-BHC					CAS #:	319-85-7		
3.543	3.547	-0.004		359649	213.320	140	80.00-	120.00	100.00

4	delta-BHC					CAS #:	319-86-8		
3.900	3.903	-0.003		729813	211.159	140	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
4.317	4.320	-0.003	529418	154.531	100	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.917	4.917	0.000	693370	203.089	140	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.127	6.127	0.000	632283	198.422	130	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.300	6.303	-0.003	617123	193.911	130	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.463	6.463	0.000	567059	197.209	130	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.537	6.537	0.000	571346	202.039	130	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.613	6.613	0.000	543786	197.896	130	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.850	6.850	0.000	575905	201.714	130	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.077	7.080	-0.003	463675	197.673	130	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.123	7.123	0.000	476503	190.943	130	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
7.303	7.303	0.000	508138	196.450	130	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.403	7.407	-0.004	426262	172.244	110	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.733	7.733	0.000	356142	164.670	110	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.897	7.897	0.000	169698	135.281	90	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.197	8.197	0.000	444886	191.782	130	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.443	8.443	0.000	481788	188.442	120	80.00-	120.00	100.00

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
9.133	9.133	0.000	135492	57.4746	38	80.00- 120.00	100.00

Data File: WR693662.D

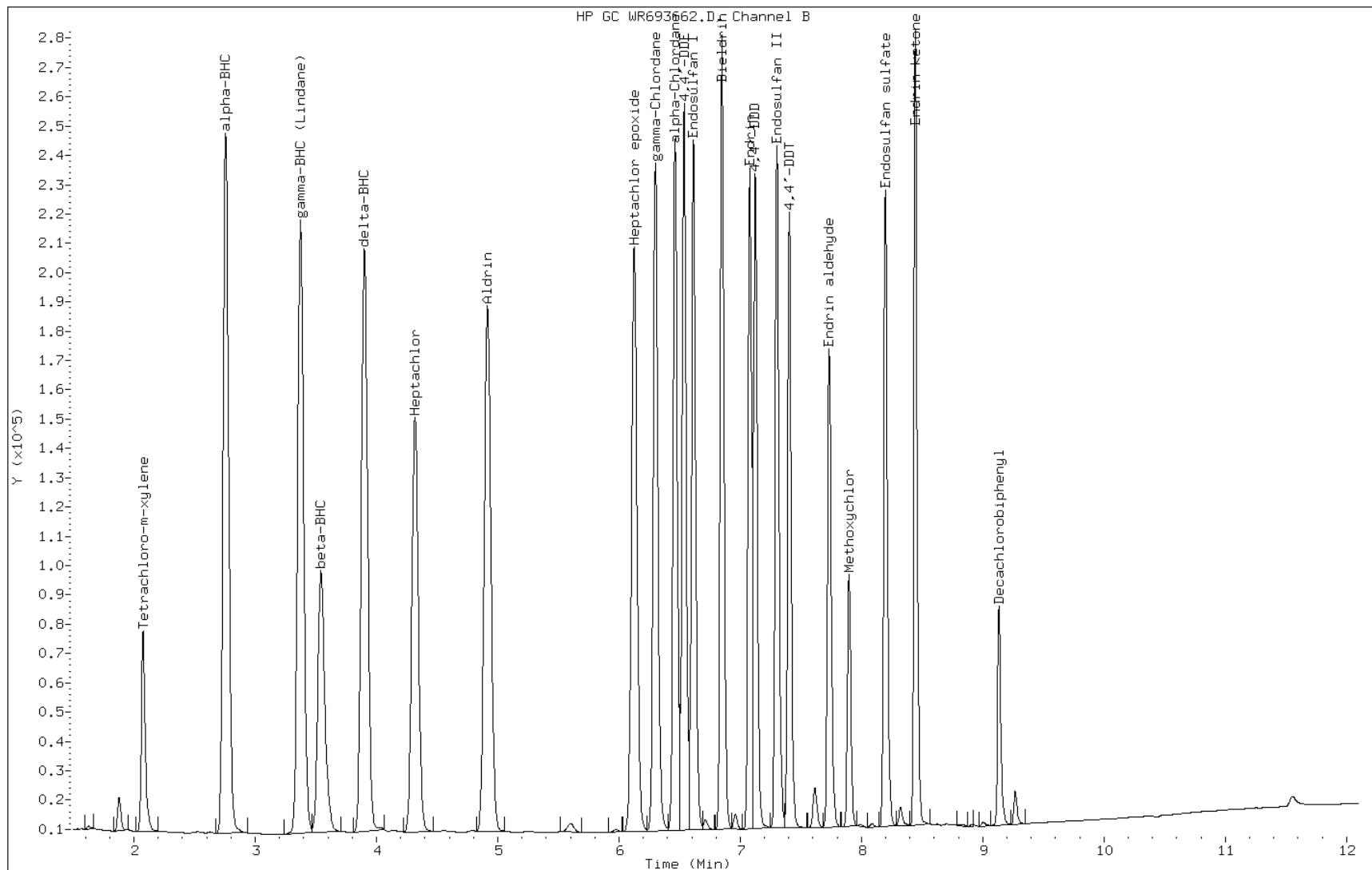
Date: 27-SEP-2011 09:58

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-87369/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88124/2-A
 Matrix: Solid Lab File ID: xf125129.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:38
 Sample wt/vol: 15.00(g) Date Analyzed: 10/06/2011 13:33
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88872 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	117		6.7	1.2
319-85-7	beta-BHC	113		6.7	0.91
319-86-8	delta-BHC	120		6.7	1.0
58-89-9	gamma-BHC (Lindane)	119		6.7	0.78
76-44-8	Heptachlor	113		6.7	0.96
309-00-2	Aldrin	115		6.7	1.5
1024-57-3	Heptachlor epoxide	111		6.7	1.4
959-98-8	Endosulfan I	110		6.7	1.4
60-57-1	Dieldrin	109		6.7	1.3
72-55-9	4,4'-DDE	109		6.7	1.3
72-20-8	Endrin	106		6.7	0.94
33213-65-9	Endosulfan II	108		6.7	1.0
72-54-8	4,4'-DDD	109		6.7	0.80
1031-07-8	Endosulfan sulfate	104		6.7	0.86
50-29-3	4,4'-DDT	99.8		6.7	0.84
72-43-5	Methoxychlor	98.8		6.7	0.75
53494-70-5	Endrin ketone	112		6.7	0.99
7421-93-4	Endrin aldehyde	91.8		6.7	1.7
5103-71-9	alpha-Chlordane	105		6.7	1.4
5103-74-2	gamma-Chlordane	108		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		53-150
877-09-8	Tetrachloro-m-xylene	94		40-150

Data File: xf125129.d
Report Date: 10-Oct-2011 09:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125129.d
Lab Smp Id: lcs 460-88124/2-
Inj Date : 06-OCT-2011 13:33
Operator :
Smp Info : lcs 460-88124/2-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 10-Oct-2011 09:40 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: BS
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	ON-COL	FINAL	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 28 Tetrachloro-m-xylene									
CAS #: 877-09-8									
2.597	2.593	0.004	144631	46.9065	31	80.00- 120.00	100.00		

2 alpha-BHC									
CAS #: 319-84-6									
3.183	3.180	0.003	744060	175.778	120	80.00- 120.00	100.00		

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
3.683	3.683	0.000	761442	178.426	120	80.00- 120.00	100.00		

3 beta-BHC									
CAS #: 319-85-7									
3.840	3.837	0.003	357680	168.998	110	80.00- 120.00	100.00		

4 delta-BHC									
CAS #: 319-86-8									
4.617	4.617	0.000	776658	179.514	120	80.00- 120.00	100.00		

Data File: xf125129.d
Report Date: 10-Oct-2011 09:41

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====			=====	=====	=====	=====
17	Heptachlor					CAS #: 76-44-8		
4.820	4.823	-0.003			728292 168.775	110	80.00- 120.00	100.00

1	Aldrin					CAS #: 309-00-2		
5.727	5.730	-0.003			743629 172.955	120	80.00- 120.00	100.00

18	Heptachlor epoxide					CAS #: 1024-57-3		
7.153	7.157	-0.004			627917 166.451	110	80.00- 120.00	100.00

65	gamma-Chlordane					CAS #: 5103-74-2		
7.460	7.463	-0.003			584880 162.535	110	80.00- 120.00	100.00

66	alpha-Chlordane					CAS #: 5103-71-9		
7.653	7.653	0.000			515133 157.765	100	80.00- 120.00	100.00

8	4,4'-DDE					CAS #: 72-55-9		
7.827	7.827	0.000			504617 163.101	110	80.00- 120.00	100.00

11	Endosulfan I					CAS #: 959-98-8		
7.730	7.733	-0.003			513080 164.305	110	80.00- 120.00	100.00

10	Dieldrin					CAS #: 60-57-1		
8.053	8.057	-0.004			531325 163.598	110	80.00- 120.00	100.00

14	Endrin					CAS #: 72-20-8		
8.420	8.423	-0.003			425756 159.330	110	80.00- 120.00	100.00

7	4,4'-DDD					CAS #: 72-54-8		
8.507	8.510	-0.003			432163 162.976	110	80.00- 120.00	100.00

12	Endosulfan II					CAS #: 33213-65-9		
8.667	8.670	-0.003			456275 161.725	110	80.00- 120.00	100.00

9	4,4'-DDT					CAS #: 50-29-3		
8.887	8.890	-0.003			380492 149.709	100	80.00- 120.00	100.00

15	Endrin aldehyde					CAS #: 7421-93-4		
9.070	9.070	0.000			310728 137.626	92	80.00- 120.00	100.00

19	Methoxychlor					CAS #: 72-43-5		
9.573	9.573	0.000			183298 148.129	99	80.00- 120.00	100.00

13	Endosulfan sulfate					CAS #: 1031-07-8		
9.367	9.370	-0.003			356205 155.475	100	80.00- 120.00	100.00

16	Endrin ketone					CAS #: 53494-70-5		
9.803	9.807	-0.004			416433 168.269	110	80.00- 120.00	100.00

Data File: xf125129.d
 Report Date: 10-Oct-2011 09:41

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
10.753	10.753	0.000	118637	57.3328	38	80.00- 120.00	100.00

Data File: xf125129.d

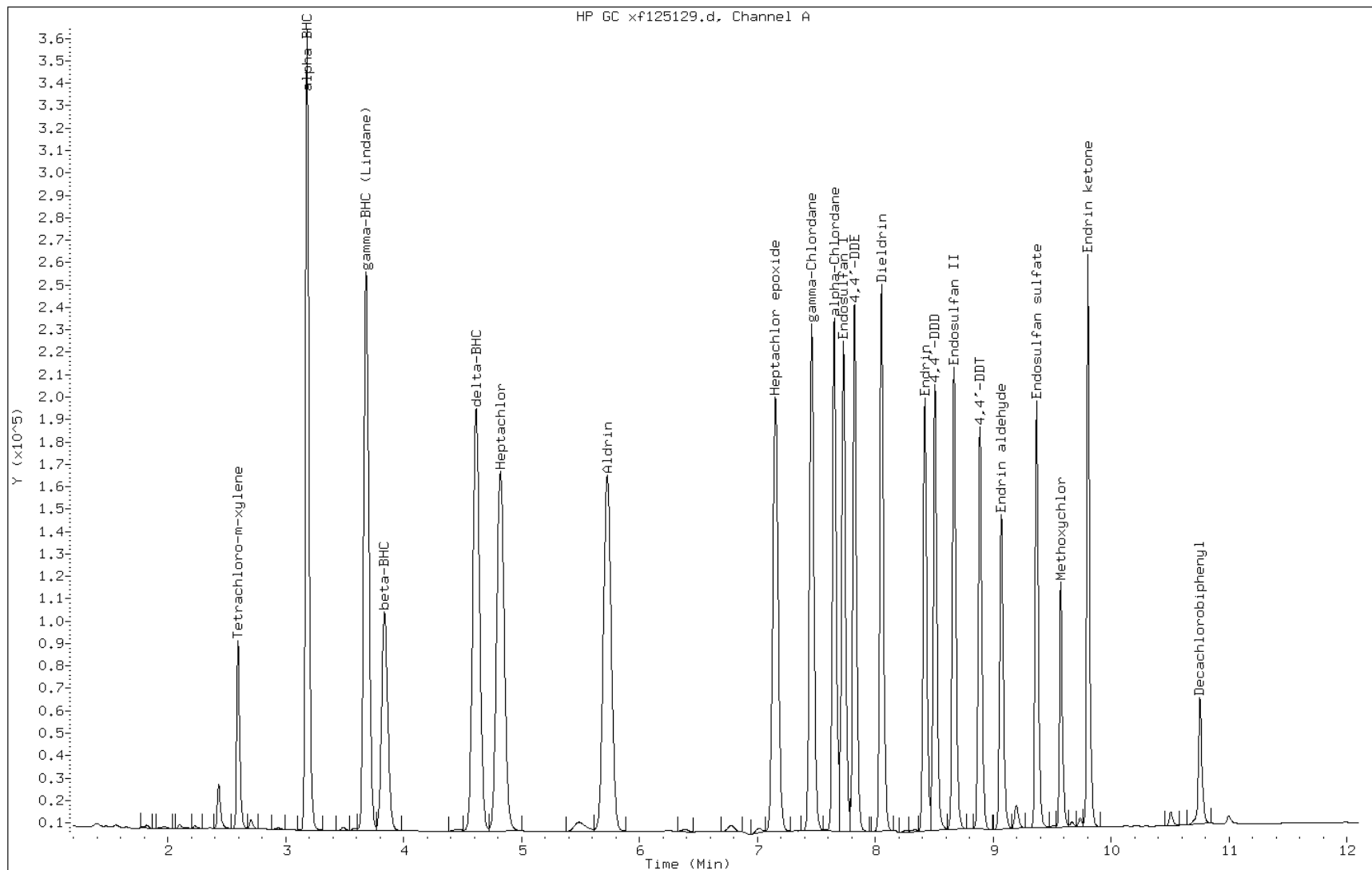
Date: 06-OCT-2011 13:33

Client ID:

Instrument: PESTGC1.i

Sample Info: lcs 460-88124/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88124/2-A
 Matrix: Solid Lab File ID: xr125129.d
 Analysis Method: 8081A Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:38
 Sample wt/vol: 15.00(g) Date Analyzed: 10/06/2011 13:33
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88872 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	115		6.7	1.2
319-85-7	beta-BHC	119		6.7	0.91
319-86-8	delta-BHC	117		6.7	1.0
58-89-9	gamma-BHC (Lindane)	115		6.7	0.78
76-44-8	Heptachlor	113		6.7	0.96
309-00-2	Aldrin	117		6.7	1.5
1024-57-3	Heptachlor epoxide	125		6.7	1.4
959-98-8	Endosulfan I	124		6.7	1.4
60-57-1	Dieldrin	126		6.7	1.3
72-55-9	4,4'-DDE	123		6.7	1.3
72-20-8	Endrin	123		6.7	0.94
33213-65-9	Endosulfan II	122		6.7	1.0
72-54-8	4,4'-DDD	129		6.7	0.80
1031-07-8	Endosulfan sulfate	102		6.7	0.86
50-29-3	4,4'-DDT	109		6.7	0.84
72-43-5	Methoxychlor	98.6		6.7	0.75
53494-70-5	Endrin ketone	107		6.7	0.99
7421-93-4	Endrin aldehyde	100		6.7	1.7
5103-71-9	alpha-Chlordane	98.0		6.7	1.4
5103-74-2	gamma-Chlordane	115		6.7	1.4
8001-35-2	Toxaphene	67	U	67	14

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		53-150
877-09-8	Tetrachloro-m-xylene	101		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125129.d
Lab Smp Id: lcs 460-88124/2-
Inj Date : 06-OCT-2011 13:33
Operator :
Smp Info : lcs 460-88124/2-
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie Quant Type: ESTD
Cal Date : 05-OCT-2011 09:25 Cal File: xr125059.d
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i

Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene									
1.930	1.927	0.003		295426	50.4666	34	80.00-	120.00	100.00
CAS #: 877-09-8									
2 alpha-BHC									
2.317	2.313	0.004		1353278	172.563	120	80.00-	120.00	100.00
CAS #: 319-84-6									
5 gamma-BHC (Lindane)									
2.540	2.537	0.003		1120777	172.031	110	80.00-	120.00	100.00
CAS #: 58-89-9									
3 beta-BHC									
2.600	2.600	0.000		666362	178.969	120	80.00-	120.00	100.00
CAS #: 319-85-7									
4 delta-BHC									
2.730	2.727	0.003		1217867	175.001	120	80.00-	120.00	100.00
CAS #: 319-86-8									

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
2.897	2.893	0.004	1206490	169.848	110	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
3.163	3.163	0.000	1184524	175.181	120	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
4.033	4.027	0.006	1320695	187.781	120	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
4.327	4.320	0.007	1245553	172.973	120	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
4.630	4.633	-0.003	1019754	146.995	98	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
4.843	4.840	0.003	1152903	185.220	120	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
4.950	4.947	0.003	1257909	186.372	120	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
5.547	5.543	0.004	1275216	189.368	130	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
6.137	6.133	0.004	1071480	184.744	120	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
6.330	6.330	0.000	1029552	193.510	130	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
6.670	6.667	0.003	1093963	183.195	120	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
6.977	6.977	0.000	921763	164.127	110	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.437	7.437	0.000	691928	150.304	100	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.693	7.693	0.000	422165	147.954	99	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
7.940	7.937	0.003	717431	153.346	100	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.250	8.250	0.000	866676	161.038	110	80.00-	120.00	100.00

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3				
9.383	9.380	0.003	242667	54.0341	36 80.00- 120.00	100.00	

Data File: xr125129.d

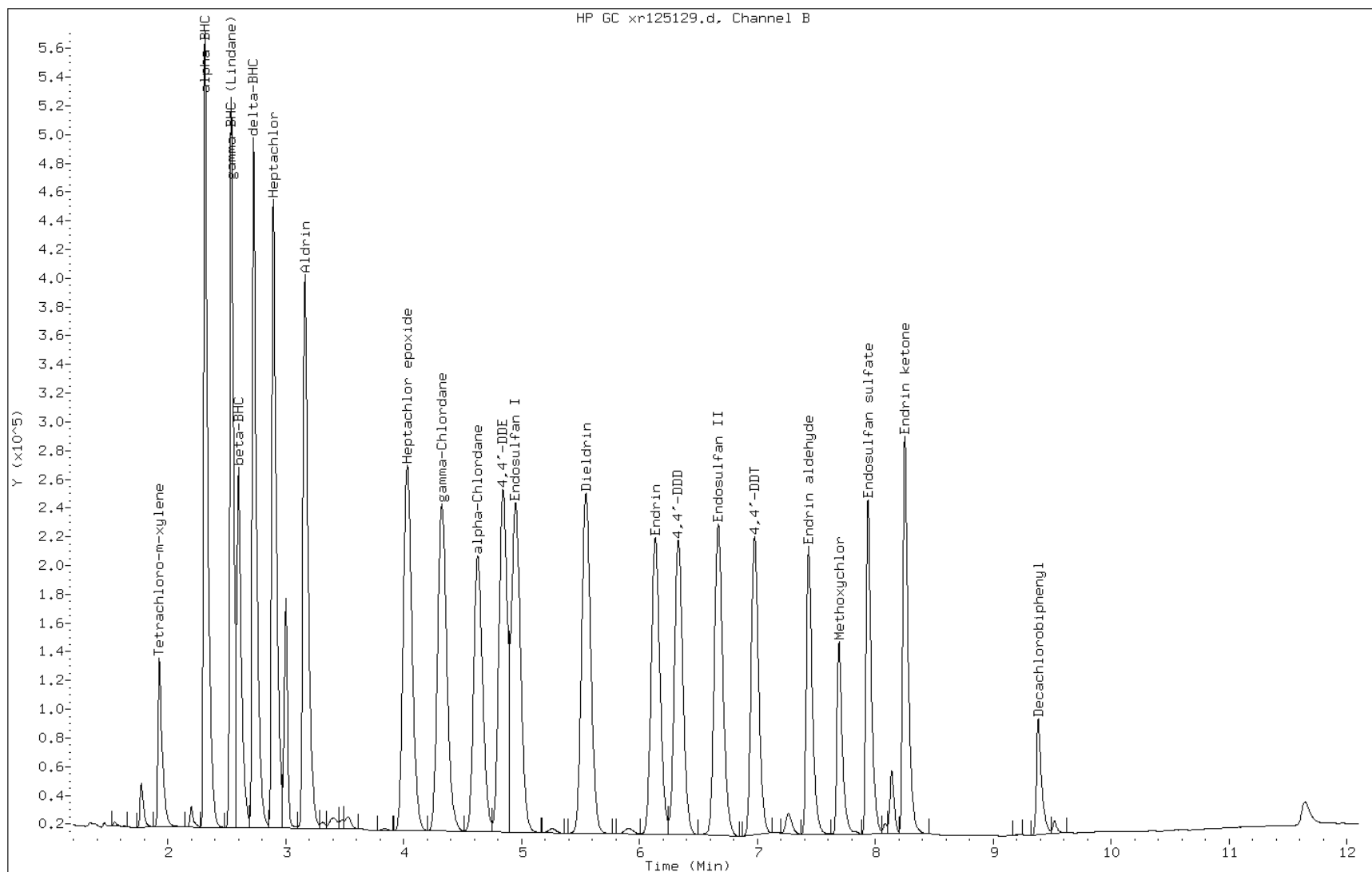
Date: 06-OCT-2011 13:33

Client ID:

Instrument: PESTGC1.i

Sample Info: lcs 460-88124/2-

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-092111-MM-043 MS</u>	Lab Sample ID: <u>460-31552-5 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WF693660.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/21/2011 11:20</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/27/2011 05:25</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>09/27/2011 09:27</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53(mm)</u>
% Moisture: <u>13.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87399</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	162		7.7	1.4
319-85-7	beta-BHC	96.9		7.7	1.0
319-86-8	delta-BHC	117		7.7	1.2
58-89-9	gamma-BHC (Lindane)	160		7.7	0.90
76-44-8	Heptachlor	94.1		7.7	1.1
309-00-2	Aldrin	155		7.7	1.7
1024-57-3	Heptachlor epoxide	152		7.7	1.6
959-98-8	Endosulfan I	153		7.7	1.6
60-57-1	Dieldrin	155		7.7	1.5
72-55-9	4,4'-DDE	156		7.7	1.5
72-20-8	Endrin	151		7.7	1.1
33213-65-9	Endosulfan II	144		7.7	1.2
72-54-8	4,4'-DDD	147		7.7	0.92
1031-07-8	Endosulfan sulfate	129		7.7	0.99
50-29-3	4,4'-DDT	120		7.7	0.97
72-43-5	Methoxychlor	100		7.7	0.86
53494-70-5	Endrin ketone	134		7.7	1.1
7421-93-4	Endrin aldehyde	46.1		7.7	1.9
5103-71-9	alpha-Chlordane	152		7.7	1.6
5103-74-2	gamma-Chlordane	153		7.7	1.6
8001-35-2	Toxaphene	77	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	119		53-150
877-09-8	Tetrachloro-m-xylene	108		40-150

Data File: WF693660.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693660.D
Lab Smp Id: 460-31552-D-5-D
Inj Date : 27-SEP-2011 09:27
Operator :
Smp Info : 460-31552-D-5-D
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WF693652.D
QC Sample: MS
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 28 Tetrachloro-m-xylene									
CAS #: 877-09-8									
2.643	2.607	0.036	170746	53.8758	36	80.00-	120.00	100.00	

2 alpha-BHC									
CAS #: 319-84-6									
3.950	3.903	0.047	900537	211.503	140	80.00-	120.00	100.00	

5 gamma-BHC (Lindane)									
CAS #: 58-89-9									
4.727	4.677	0.050	816245	209.205	140	80.00-	120.00	100.00	

3 beta-BHC									
CAS #: 319-85-7									
4.890	4.837	0.053	233146	126.290	84	80.00-	120.00	100.00	

4 delta-BHC									
CAS #: 319-86-8									
5.543	5.490	0.053	562445	152.322	100	80.00-	120.00	100.00	

Data File: WF693660.D
Report Date: 27-Sep-2011 10:51

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO
			ON-COL					
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor					CAS #: 76-44-8		
5.717	5.667	0.050	359371	122.700	82	80.00- 120.00	100.00	

1	Aldrin					CAS #: 309-00-2		
6.330	6.300	0.030	711600	201.444	130	80.00- 120.00	100.00	

18	Heptachlor epoxide					CAS #: 1024-57-3		
6.957	6.937	0.020	606406	197.899	130	80.00- 120.00	100.00	

65	gamma-Chlordane					CAS #: 5103-74-2		
7.150	7.133	0.017	641805	199.689	130	80.00- 120.00	100.00	

66	alpha-Chlordane					CAS #: 5103-71-9		
7.300	7.287	0.013	598880	198.262	130	80.00- 120.00	100.00	

11	Endosulfan I					CAS #: 959-98-8		
7.373	7.357	0.016	583835	199.026	130	80.00- 120.00	100.00	

8	4,4'-DDE					CAS #: 72-55-9		
7.447	7.433	0.014	610384	203.250	140	80.00- 120.00	100.00	

10	Dieldrin					CAS #: 60-57-1		
7.667	7.650	0.017	624140	202.253	130	80.00- 120.00	100.00	

14	Endrin					CAS #: 72-20-8		
8.010	7.993	0.017	488211	196.532	130	80.00- 120.00	100.00	

7	4,4'-DDD					CAS #: 72-54-8		
8.080	8.067	0.013	462318	191.223	130	80.00- 120.00	100.00	

12	Endosulfan II					CAS #: 33213-65-9		
8.230	8.217	0.013	499233	187.404	120	80.00- 120.00	100.00	

9	4,4'-DDT					CAS #: 50-29-3		
8.390	8.383	0.007	319766	156.355	100	80.00- 120.00	100.00	

15	Endrin aldehyde					CAS #: 7421-93-4		
8.517	8.507	0.010	122136	60.1083	40	80.00- 120.00	100.00(R)	

13	Endosulfan sulfate					CAS #: 1031-07-8		
8.713	8.707	0.006	372367	168.476	110	80.00- 120.00	100.00	

19	Methoxychlor					CAS #: 72-43-5		
8.877	8.873	0.004	126253	130.430	87	80.00- 120.00	100.00	

16	Endrin ketone					CAS #: 53494-70-5		
9.100	9.093	0.007	440222	174.530	120	80.00- 120.00	100.00	

Data File: WF693660.D
Report Date: 27-Sep-2011 10:51

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.097	10.093	0.004		122455	59.3527	40	80.00- 120.00	100.00	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693660.D

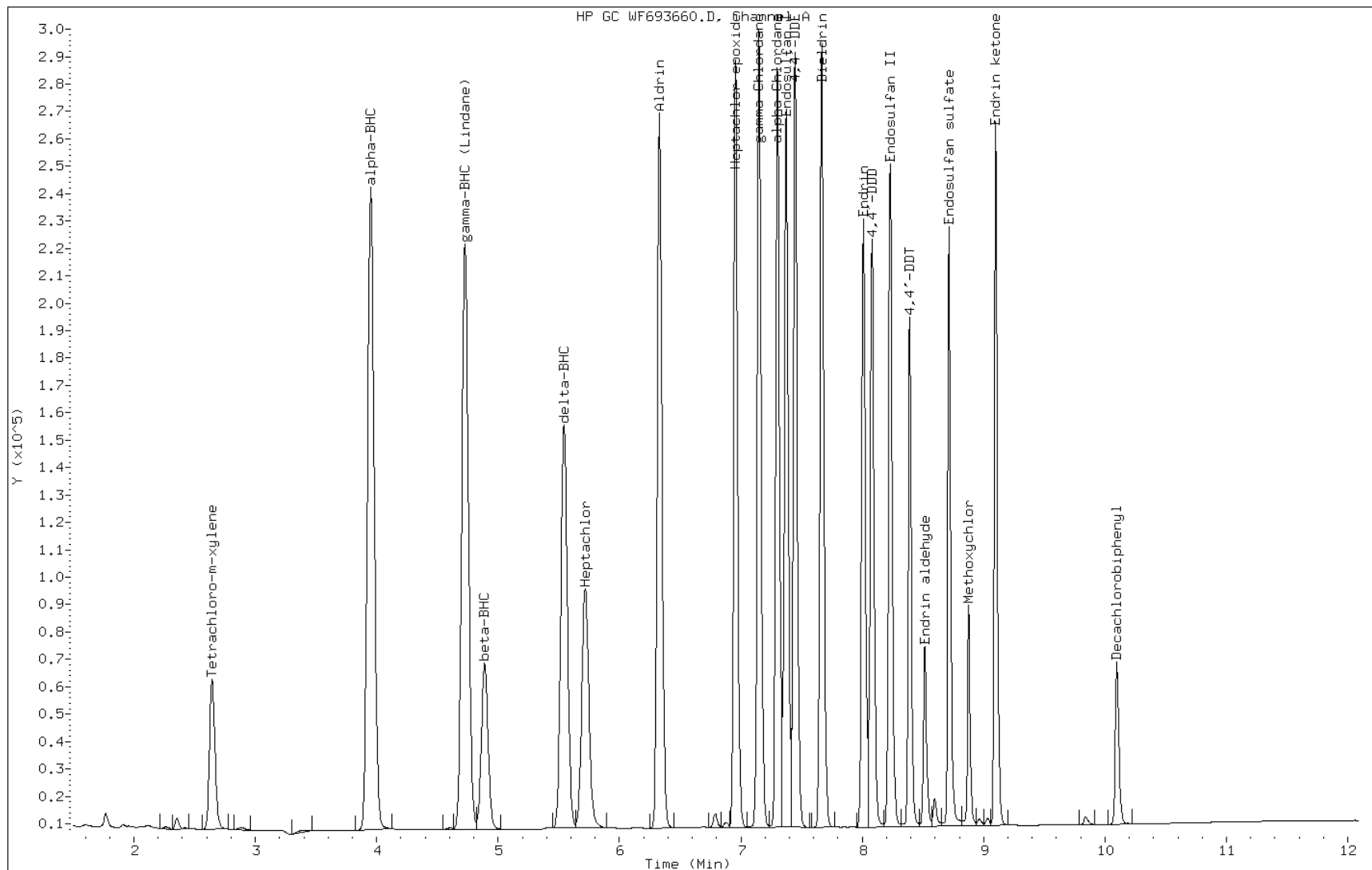
Date: 27-SEP-2011 09:27

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31552-D-5-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-092111-MM-043 MS</u>	Lab Sample ID: <u>460-31552-5 MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WR693660.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/21/2011 11:20</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/27/2011 05:25</u>
Sample wt/vol: <u>15.04(g)</u>	Date Analyzed: <u>09/27/2011 09:27</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>13.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87399</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	161		7.7	1.4
319-85-7	beta-BHC	98.8		7.7	1.0
319-86-8	delta-BHC	114		7.7	1.2
58-89-9	gamma-BHC (Lindane)	161		7.7	0.90
76-44-8	Heptachlor	105		7.7	1.1
309-00-2	Aldrin	164		7.7	1.7
1024-57-3	Heptachlor epoxide	156		7.7	1.6
959-98-8	Endosulfan I	156		7.7	1.6
60-57-1	Dieldrin	159		7.7	1.5
72-55-9	4,4'-DDE	158		7.7	1.5
72-20-8	Endrin	154		7.7	1.1
33213-65-9	Endosulfan II	148		7.7	1.2
72-54-8	4,4'-DDD	152		7.7	0.92
1031-07-8	Endosulfan sulfate	134		7.7	0.99
50-29-3	4,4'-DDT	126		7.7	0.97
72-43-5	Methoxychlor	91.6		7.7	0.86
53494-70-5	Endrin ketone	139		7.7	1.1
7421-93-4	Endrin aldehyde	47.7		7.7	1.9
5103-71-9	alpha-Chlordane	156		7.7	1.6
5103-74-2	gamma-Chlordane	152		7.7	1.6
8001-35-2	Toxaphene	77	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		53-150
877-09-8	Tetrachloro-m-xylene	106		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693660.D
Lab Smp Id: 460-31552-D-5-D
Inj Date : 27-SEP-2011 09:27
Operator : Inst ID: PESTGC4.i
Smp Info : 460-31552-D-5-D
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WR693652.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
\$ 28	Tetrachloro-m-xylene				CAS #:		877-09-8		
2.077	2.077	0.000		139657	53.0185	35	80.00-	120.00	100.00

2	alpha-BHC				CAS #:		319-84-6		
2.763	2.760	0.003		794531	209.323	140	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:		58-89-9		
3.383	3.377	0.006		752272	209.416	140	80.00-	120.00	100.00

3	beta-BHC				CAS #:		319-85-7		
3.553	3.547	0.006		217179	128.816	86	80.00-	120.00	100.00

4	delta-BHC				CAS #:		319-86-8		
3.913	3.903	0.010		513706	148.632	99	80.00-	120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		TARGET RANGE	RATIO
			ON-COL	FINAL		
==	=====	=====	RESPONSE (ug/L)	(ug/kg)	=====	=====
17 Heptachlor					CAS #: 76-44-8	
4.330	4.320	0.010	466751 136.239	91	80.00- 120.00	100.00

1 Aldrin					CAS #: 309-00-2	
4.930	4.917	0.013	727631 213.124	140	80.00- 120.00	100.00

18 Heptachlor epoxide					CAS #: 1024-57-3	
6.140	6.127	0.013	647531 203.207	140	80.00- 120.00	100.00

65 gamma-Chlordane					CAS #: 5103-74-2	
6.313	6.303	0.010	629636 197.842	130	80.00- 120.00	100.00

66 alpha-Chlordane					CAS #: 5103-71-9	
6.473	6.463	0.010	582869 202.707	140	80.00- 120.00	100.00

8 4,4'-DDE					CAS #: 72-55-9	
6.543	6.537	0.006	581913 205.776	140	80.00- 120.00	100.00

11 Endosulfan I					CAS #: 959-98-8	
6.623	6.613	0.010	560007 203.799	140	80.00- 120.00	100.00

10 Dieldrin					CAS #: 60-57-1	
6.857	6.850	0.007	591704 207.248	140	80.00- 120.00	100.00

14 Endrin					CAS #: 72-20-8	
7.083	7.080	0.003	469338 200.087	130	80.00- 120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8	
7.127	7.123	0.004	493408 197.717	130	80.00- 120.00	100.00

12 Endosulfan II					CAS #: 33213-65-9	
7.307	7.303	0.004	498433 192.698	130	80.00- 120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3	
7.410	7.407	0.003	407066 164.488	110	80.00- 120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4	
7.737	7.733	0.004	134593 62.2320	41	80.00- 120.00	100.00(R)

19 Methoxychlor					CAS #: 72-43-5	
7.900	7.897	0.003	149785 119.407	80	80.00- 120.00	100.00

13 Endosulfan sulfate					CAS #: 1031-07-8	
8.200	8.197	0.003	404885 174.538	120	80.00- 120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5	
8.447	8.443	0.004	464474 181.670	120	80.00- 120.00	100.00

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.133	9.133	0.000		144465	61.2809	41	80.00- 120.00	100.00	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR693660.D

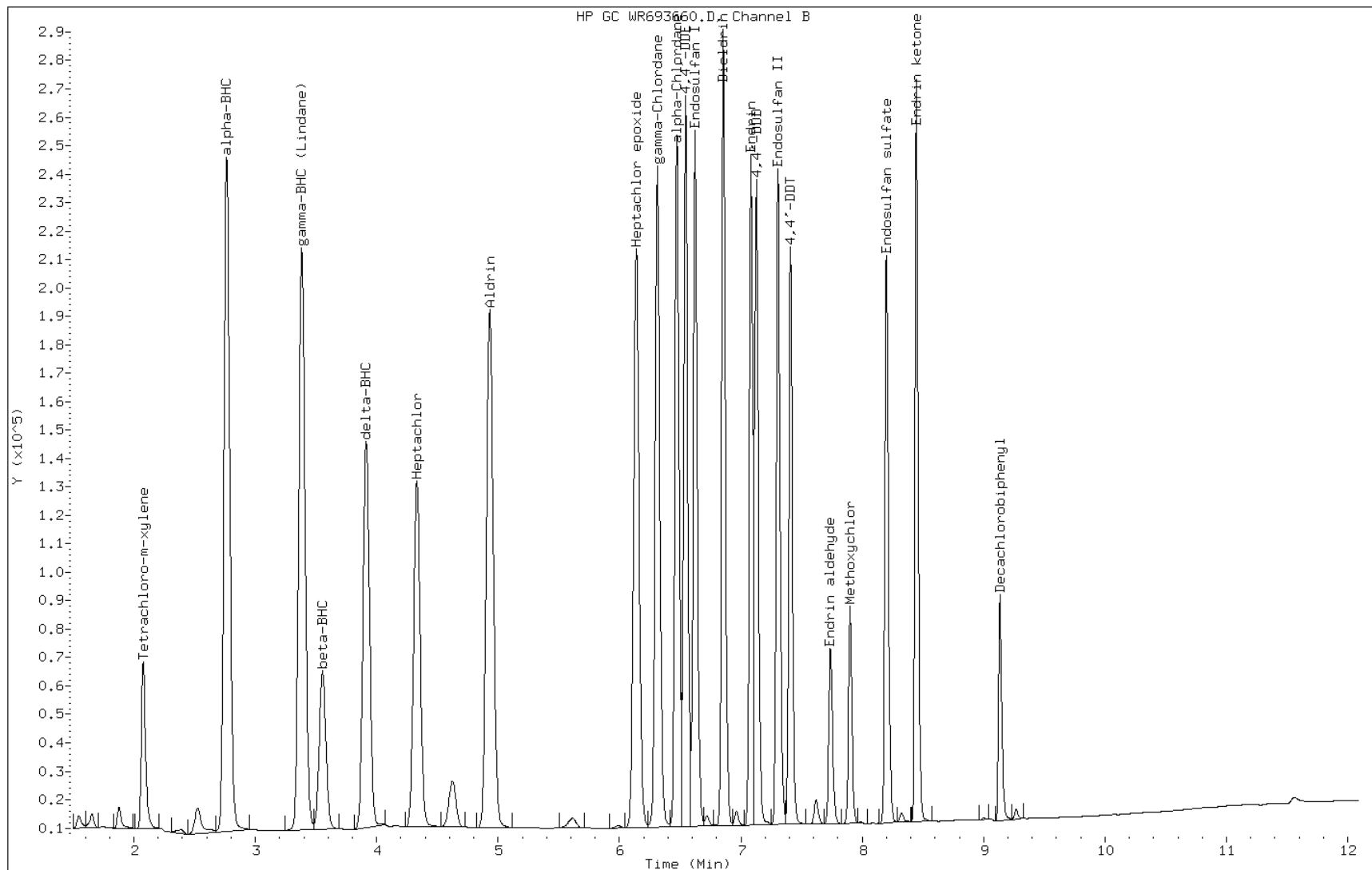
Date: 27-SEP-2011 09:27

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31552-D-5-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-D MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xf125130.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/26/2011 15:25</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/04/2011 04:38</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/06/2011 13:46</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53(mm)</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88872</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	118		7.6	1.4
319-85-7	beta-BHC	114		7.6	1.0
319-86-8	delta-BHC	122		7.6	1.2
58-89-9	gamma-BHC (Lindane)	120		7.6	0.88
76-44-8	Heptachlor	117		7.6	1.1
309-00-2	Aldrin	120		7.6	1.7
1024-57-3	Heptachlor epoxide	116		7.6	1.5
959-98-8	Endosulfan I	113		7.6	1.6
60-57-1	Dieldrin	114		7.6	1.5
72-55-9	4,4'-DDE	114		7.6	1.5
72-20-8	Endrin	113		7.6	1.1
33213-65-9	Endosulfan II	110		7.6	1.1
72-54-8	4,4'-DDD	116		7.6	0.90
1031-07-8	Endosulfan sulfate	106		7.6	0.97
50-29-3	4,4'-DDT	104		7.6	0.95
72-43-5	Methoxychlor	102		7.6	0.85
53494-70-5	Endrin ketone	117		7.6	1.1
7421-93-4	Endrin aldehyde	95.7		7.6	1.9
5103-71-9	alpha-Chlordane	111		7.6	1.6
5103-74-2	gamma-Chlordane	114		7.6	1.5
8001-35-2	Toxaphene	76	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		53-150
877-09-8	Tetrachloro-m-xylene	77		40-150

Data File: xf125130.d
Report Date: 10-Oct-2011 09:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125130.d
Lab Smp Id: 460-31736-c-18-d
Inj Date : 06-OCT-2011 13:46
Operator :
Smp Info : 460-31736-c-18-d
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 10-Oct-2011 09:40 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: MS
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
\$ 28	Tetrachloro-m-xylene				CAS #:		877-09-8		
2.597	2.593	0.004		118837	38.5411	26	80.00-	120.00	100.00

2	alpha-BHC				CAS #:		319-84-6		
3.183	3.180	0.003		661999	156.392	100	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:		58-89-9		
3.683	3.683	0.000		681921	159.793	110	80.00-	120.00	100.00

3	beta-BHC				CAS #:		319-85-7		
3.840	3.837	0.003		321646	151.972	100	80.00-	120.00	100.00

4	delta-BHC				CAS #:		319-86-8		
4.617	4.617	0.000		704495	162.835	110	80.00-	120.00	100.00

Data File: xf125130.d
Report Date: 10-Oct-2011 09:41

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL (ug/kg)	FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor						CAS #: 76-44-8		
4.820	4.823	-0.003	672469	155.838	100	80.00-	120.00	100.00	
1	Aldrin						CAS #: 309-00-2		
5.727	5.730	-0.003	684380	159.174	110	80.00-	120.00	100.00	
18	Heptachlor epoxide						CAS #: 1024-57-3		
7.153	7.157	-0.004	582564	154.429	100	80.00-	120.00	100.00	
65	gamma-Chlordane						CAS #: 5103-74-2		
7.460	7.463	-0.003	546531	151.878	100	80.00-	120.00	100.00	
66	alpha-Chlordane						CAS #: 5103-71-9		
7.653	7.653	0.000	484199	148.291	99	80.00-	120.00	100.00	
8	4,4'-DDE						CAS #: 72-55-9		
7.823	7.827	-0.004	469517	151.756	100	80.00-	120.00	100.00	
11	Endosulfan I						CAS #: 959-98-8		
7.733	7.733	0.000	467890	149.834	100	80.00-	120.00	100.00	
10	Dieldrin						CAS #: 60-57-1		
8.053	8.057	-0.004	490429	151.006	100	80.00-	120.00	100.00	
14	Endrin						CAS #: 72-20-8		
8.420	8.423	-0.003	400307	149.807	100	80.00-	120.00	100.00	
7	4,4'-DDD						CAS #: 72-54-8		
8.507	8.510	-0.003	408100	153.901	100	80.00-	120.00	100.00	
12	Endosulfan II						CAS #: 33213-65-9		
8.667	8.670	-0.003	413077	146.414	98	80.00-	120.00	100.00	
9	4,4'-DDT						CAS #: 50-29-3		
8.887	8.890	-0.003	350150	137.771	92	80.00-	120.00	100.00	
15	Endrin aldehyde						CAS #: 7421-93-4		
9.070	9.070	0.000	287524	127.349	85	80.00-	120.00	100.00	
19	Methoxychlor						CAS #: 72-43-5		
9.573	9.573	0.000	168409	136.097	91	80.00-	120.00	100.00	
13	Endosulfan sulfate						CAS #: 1031-07-8		
9.370	9.370	0.000	324137	141.478	94	80.00-	120.00	100.00	
16	Endrin ketone						CAS #: 53494-70-5		
9.803	9.807	-0.004	383846	155.102	100	80.00-	120.00	100.00	

Data File: xf125130.d
Report Date: 10-Oct-2011 09:41

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl									
CAS #: 2051-24-3									
10.753	10.753	0.000		125963	60.8731	40	80.00- 120.00	100.00	

Data File: xf125130.d

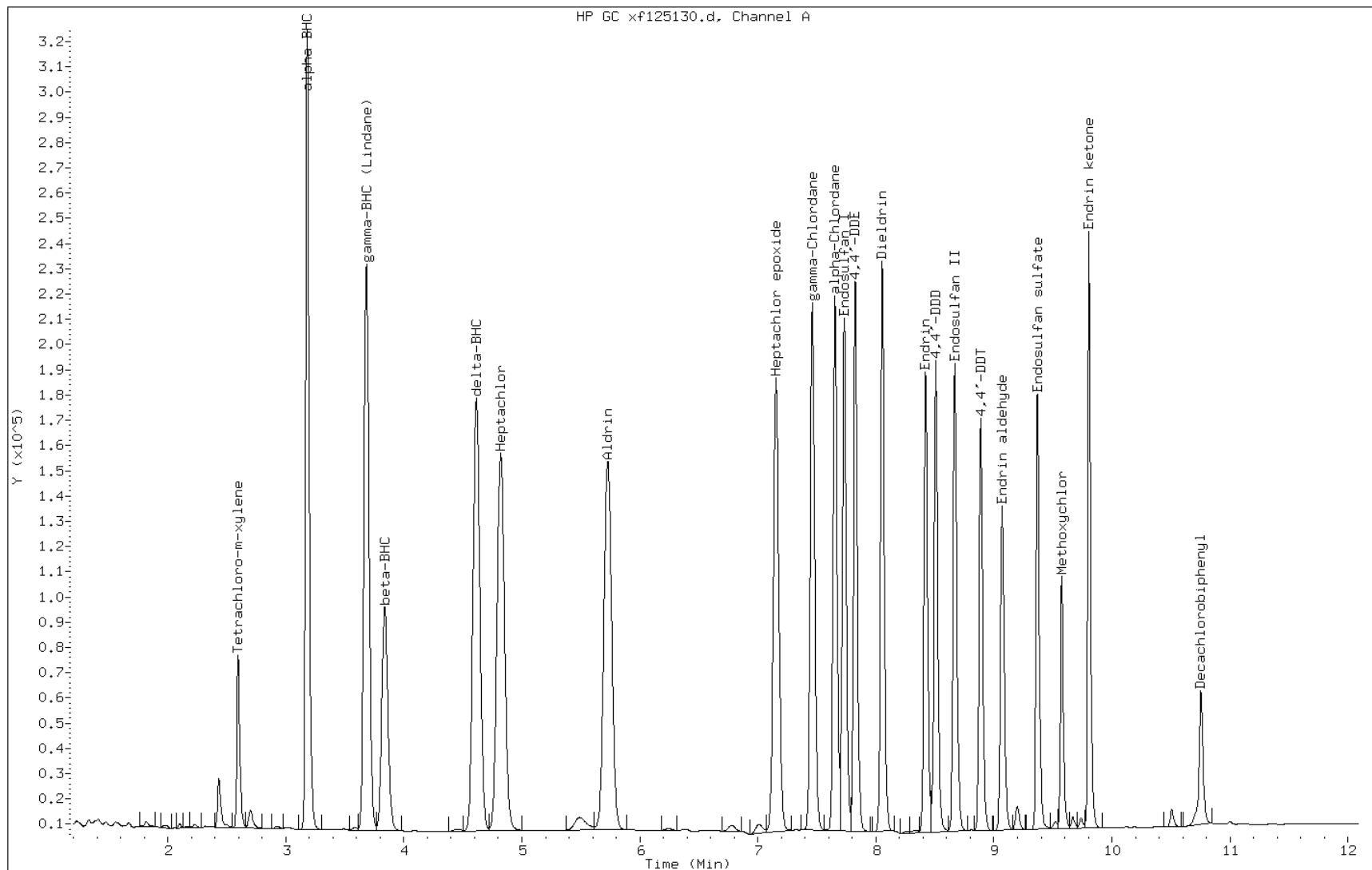
Date: 06-OCT-2011 13:46

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-31736-c-18-d

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-D MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xr125130.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/26/2011 15:25</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/04/2011 04:38</u>
Sample wt/vol: <u>15.02(g)</u>	Date Analyzed: <u>10/06/2011 13:46</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88872</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	114		7.6	1.4
319-85-7	beta-BHC	116		7.6	1.0
319-86-8	delta-BHC	116		7.6	1.2
58-89-9	gamma-BHC (Lindane)	116		7.6	0.88
76-44-8	Heptachlor	113		7.6	1.1
309-00-2	Aldrin	120		7.6	1.7
1024-57-3	Heptachlor epoxide	128		7.6	1.5
959-98-8	Endosulfan I	127		7.6	1.6
60-57-1	Dieldrin	133		7.6	1.5
72-55-9	4,4'-DDE	129		7.6	1.5
72-20-8	Endrin	128		7.6	1.1
33213-65-9	Endosulfan II	127		7.6	1.1
72-54-8	4,4'-DDD	135		7.6	0.90
1031-07-8	Endosulfan sulfate	106		7.6	0.97
50-29-3	4,4'-DDT	114		7.6	0.95
72-43-5	Methoxychlor	106		7.6	0.85
53494-70-5	Endrin ketone	118		7.6	1.1
7421-93-4	Endrin aldehyde	105		7.6	1.9
5103-71-9	alpha-Chlordane	101		7.6	1.6
5103-74-2	gamma-Chlordane	117		7.6	1.5
8001-35-2	Toxaphene	76	U	76	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	95		53-150
877-09-8	Tetrachloro-m-xylene	85		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125130.d
Lab Smp Id: 460-31736-c-18-d
Inj Date : 06-OCT-2011 13:46
Operator :
Smp Info : 460-31736-c-18-d
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
QC Sample: MS
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
RT	EXP RT	DLT RT	ON-COL	FINAL		TARGET RANGE	RATIO	
==	=====	=====	RESPONSE (ug/L)	(ug/kg)		=====	=====	
\$ 28	Tetrachloro-m-xylene				CAS #:	877-09-8		
1.930	1.927	0.003	249392	42.6028	28	80.00-	120.00	100.00

2	alpha-BHC				CAS #:	319-84-6		
2.317	2.313	0.004	1187200	151.386	100	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:	58-89-9		
2.537	2.537	0.000	1002561	153.886	100	80.00-	120.00	100.00

3	beta-BHC				CAS #:	319-85-7		
2.600	2.600	0.000	573350	153.988	100	80.00-	120.00	100.00

4	delta-BHC				CAS #:	319-86-8		
2.727	2.727	0.000	1076279	154.655	100	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
2.897	2.893	0.004	1065788	150.040	100	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
3.163	3.163	0.000	1075973	159.127	110	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
4.030	4.027	0.003	1194919	169.898	110	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
4.323	4.320	0.003	1119384	155.452	100	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
4.627	4.633	-0.006	932647	134.439	90	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
4.840	4.840	0.000	1068698	171.692	110	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
4.950	4.947	0.003	1137094	168.472	110	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
5.543	5.543	0.000	1186934	176.258	120	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
6.133	6.133	0.000	985609	169.938	110	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
6.330	6.330	0.000	956328	179.747	120	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
6.667	6.667	0.000	1010816	169.271	110	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
6.977	6.977	0.000	853186	151.917	100	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.437	7.437	0.000	644953	140.100	93	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.693	7.693	0.000	401812	140.821	94	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
7.940	7.937	0.003	660366	141.149	94	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.250	8.250	0.000	848124	157.591	100	80.00-	120.00	100.00

Data File: xr125130.d
Report Date: 10-Oct-2011 09:41

Page 3

		CONCENTRATIONS									
		ON-COL		FINAL							
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO					
==	=====	=====	=====	=====	=====	=====					
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3						
9.383	9.380	0.003	213289	47.4925	32 80.00- 120.00	100.00					

Data File: xr125130.d

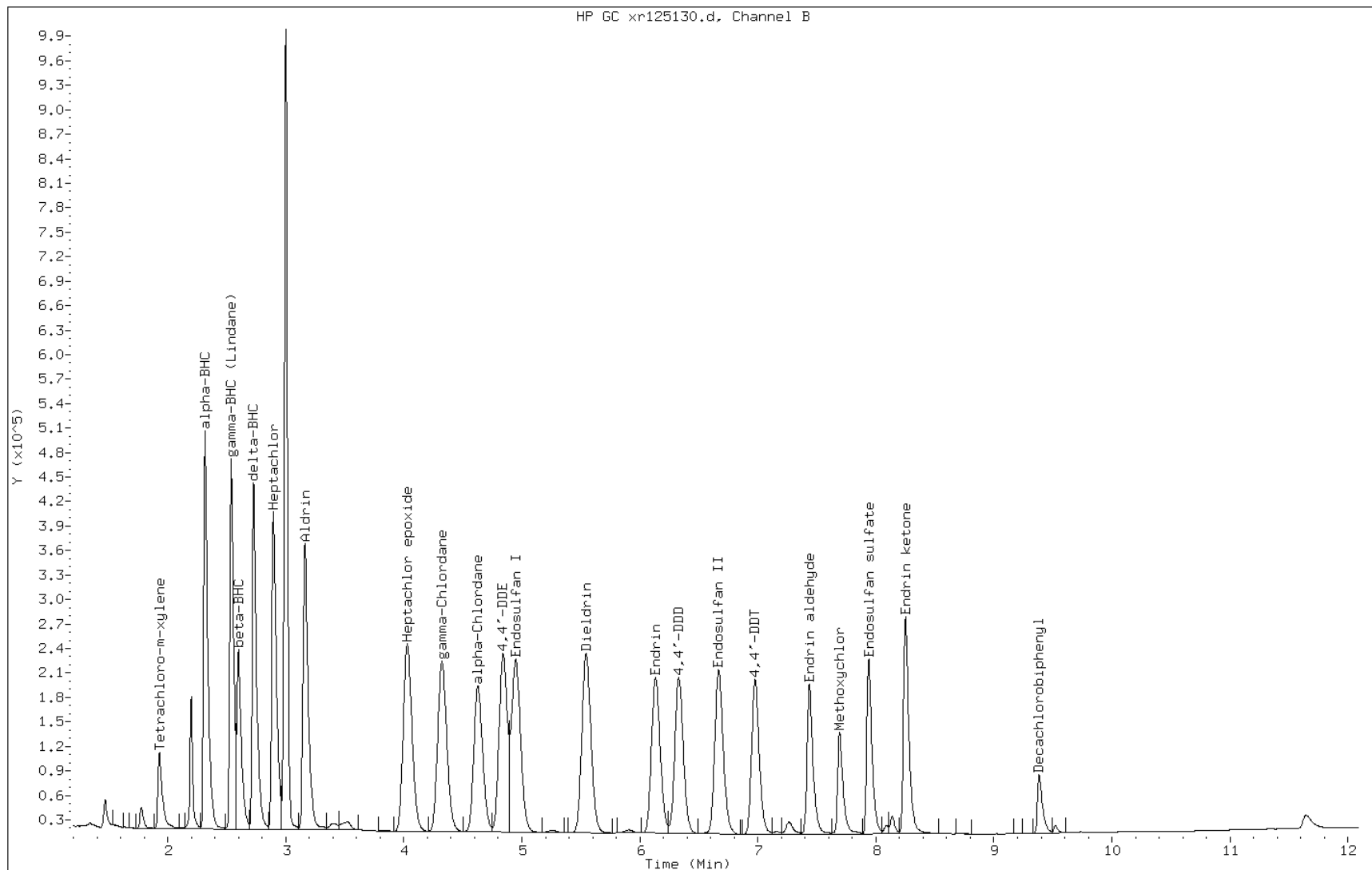
Date: 06-OCT-2011 13:46

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-31736-c-18-d

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: <u>SO-17338-092111-MM-043</u>	Lab Sample ID: <u>460-31552-5 MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>WF693661.D</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/21/2011 11:20</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>09/27/2011 05:25</u>
Sample wt/vol: <u>15.00(g)</u>	Date Analyzed: <u>09/27/2011 09:44</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53(mm)</u>
% Moisture: <u>13.3</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>87399</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	147		7.7	1.4
319-85-7	beta-BHC	99.8		7.7	1.1
319-86-8	delta-BHC	115		7.7	1.2
58-89-9	gamma-BHC (Lindane)	146		7.7	0.90
76-44-8	Heptachlor	104		7.7	1.1
309-00-2	Aldrin	141		7.7	1.7
1024-57-3	Heptachlor epoxide	138		7.7	1.6
959-98-8	Endosulfan I	138		7.7	1.6
60-57-1	Dieldrin	140		7.7	1.5
72-55-9	4,4'-DDE	141		7.7	1.5
72-20-8	Endrin	136		7.7	1.1
33213-65-9	Endosulfan II	131		7.7	1.2
72-54-8	4,4'-DDD	136		7.7	0.92
1031-07-8	Endosulfan sulfate	119		7.7	0.99
50-29-3	4,4'-DDT	117		7.7	0.97
72-43-5	Methoxychlor	101		7.7	0.87
53494-70-5	Endrin ketone	124		7.7	1.1
7421-93-4	Endrin aldehyde	49.1		7.7	1.9
5103-71-9	alpha-Chlordane	139		7.7	1.6
5103-74-2	gamma-Chlordane	139		7.7	1.6
8001-35-2	Toxaphene	77	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	106		53-150
877-09-8	Tetrachloro-m-xylene	99		40-150

Data File: WF693661.D
Report Date: 27-Sep-2011 10:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/WF693661.D
Lab Smp Id: 460-31552-D-5-E
Inj Date : 27-SEP-2011 09:44
Operator : Inst ID: PESTGC4.i
Smp Info : 460-31552-D-5-E
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Sep11/09-27-11aical/27sep11b.b/08Wf8081.m
Meth Date : 27-Sep-2011 10:51 ferdie Quant Type: ESTD
Cal Date : 27-SEP-2011 06:48 Cal File: WF693652.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
RT	EXP RT	DLT RT	RESPONSE	ON-COL	FINAL	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene				CAS #:	877-09-8		
2.610	2.607	0.003	157566	49.7171	33	80.00-	120.00	100.00

2	alpha-BHC				CAS #:	319-84-6		
3.907	3.903	0.004	813362	191.029	130	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:	58-89-9		
4.680	4.677	0.003	738181	189.197	130	80.00-	120.00	100.00

3	beta-BHC				CAS #:	319-85-7		
4.840	4.837	0.003	239562	129.766	86	80.00-	120.00	100.00

4	delta-BHC				CAS #:	319-86-8		
5.493	5.490	0.003	549758	148.886	99	80.00-	120.00	100.00

Data File: WF693661.D
Report Date: 27-Sep-2011 10:51

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE	TARGET RANGE	RATIO
			ON-COL	FINAL			
==	=====	=====	(ug/L)	(ug/kg)	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8		
5.670	5.667	0.003	397416	135.690	90	80.00- 120.00	100.00
1	Aldrin				CAS #: 309-00-2		
6.303	6.300	0.003	646577	183.037	120	80.00- 120.00	100.00
18	Heptachlor epoxide				CAS #: 1024-57-3		
6.940	6.937	0.003	550034	179.503	120	80.00- 120.00	100.00
65	gamma-Chlordane				CAS #: 5103-74-2		
7.133	7.133	0.000	582311	181.178	120	80.00- 120.00	100.00
66	alpha-Chlordane				CAS #: 5103-71-9		
7.287	7.287	0.000	544336	180.205	120	80.00- 120.00	100.00
11	Endosulfan I				CAS #: 959-98-8		
7.360	7.357	0.003	526821	179.590	120	80.00- 120.00	100.00
8	4,4'-DDE				CAS #: 72-55-9		
7.433	7.433	0.000	551424	183.617	120	80.00- 120.00	100.00
10	Dieldrin				CAS #: 60-57-1		
7.653	7.650	0.003	563134	182.484	120	80.00- 120.00	100.00
14	Endrin				CAS #: 72-20-8		
7.997	7.993	0.004	439033	176.735	120	80.00- 120.00	100.00
7	4,4'-DDD				CAS #: 72-54-8		
8.070	8.067	0.003	426841	176.549	120	80.00- 120.00	100.00
12	Endosulfan II				CAS #: 33213-65-9		
8.220	8.217	0.003	454627	170.660	110	80.00- 120.00	100.00
9	4,4'-DDT				CAS #: 50-29-3		
8.383	8.383	0.000	312360	152.734	100	80.00- 120.00	100.00
15	Endrin aldehyde				CAS #: 7421-93-4		
8.510	8.507	0.003	129686	63.8240	42	80.00- 120.00	100.00(R)
13	Endosulfan sulfate				CAS #: 1031-07-8		
8.710	8.707	0.003	341882	154.684	100	80.00- 120.00	100.00
19	Methoxychlor				CAS #: 72-43-5		
8.873	8.873	0.000	126699	130.891	87	80.00- 120.00	100.00
16	Endrin ketone				CAS #: 53494-70-5		
9.093	9.093	0.000	405682	160.837	110	80.00- 120.00	100.00

Data File: WF693661.D
Report Date: 27-Sep-2011 10:51

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.093	10.093	0.000		109443	53.0459	35	80.00- 120.00	100.00	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF693661.D

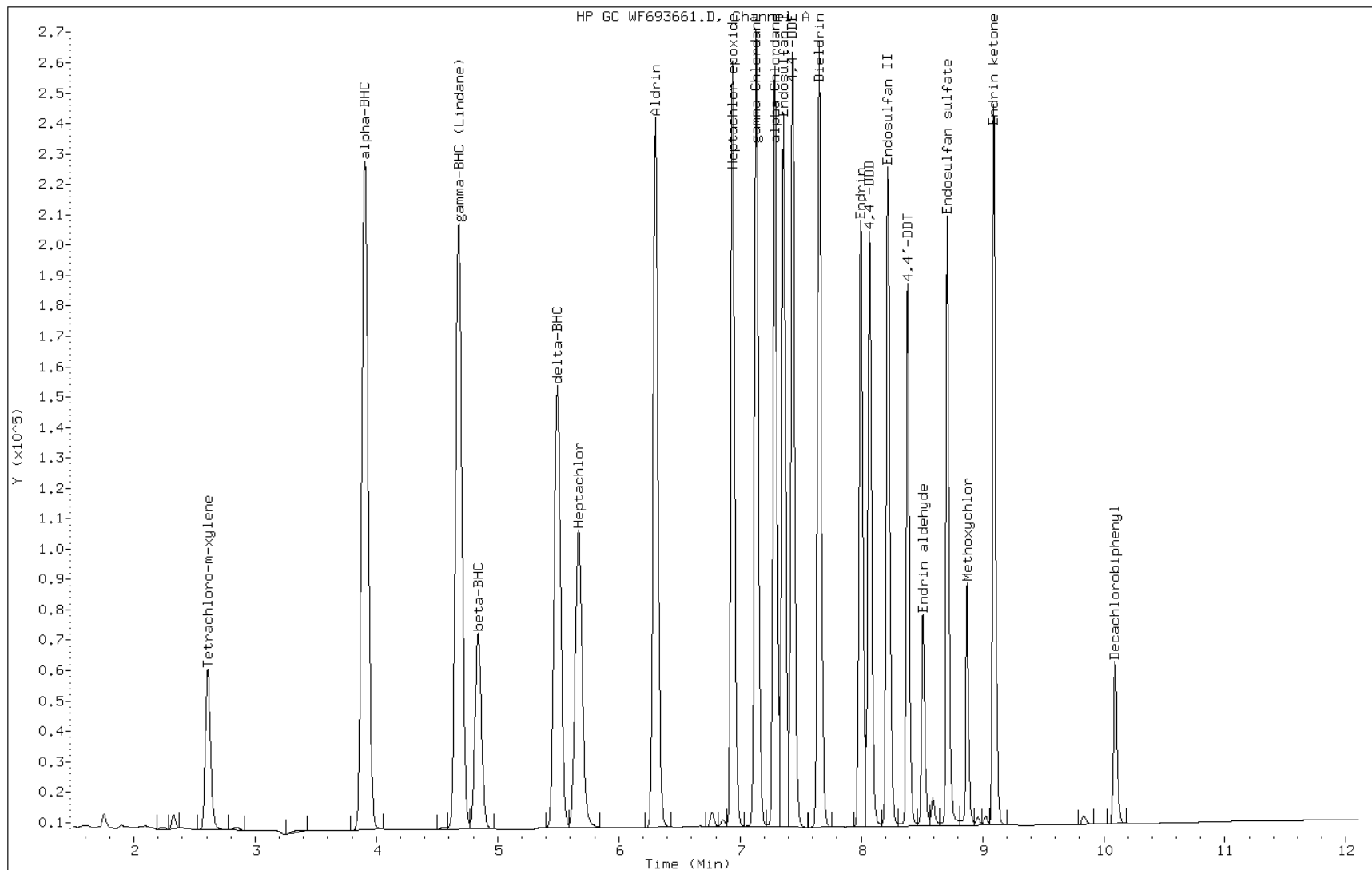
Date: 27-SEP-2011 09:44

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31552-D-5-E

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5 MSD

Matrix: Solid Lab File ID: WR693661.D

Analysis Method: 8081A Date Collected: 09/21/2011 11:20

Extraction Method: 3541 Date Extracted: 09/27/2011 05:25

Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 09:44

Con. Extract Vol.: 10(mL) Dilution Factor: 1

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

% Moisture: 13.3 GPC Cleanup: (Y/N) N

Analysis Batch No.: 87399 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	<i>alpha-BHC</i>	147		7.7	1.4
319-85-7	<i>beta-BHC</i>	102		7.7	1.1
319-86-8	<i>delta-BHC</i>	113		7.7	1.2
58-89-9	<i>gamma-BHC (Lindane)</i>	147		7.7	0.90
76-44-8	Heptachlor	108		7.7	1.1
309-00-2	Aldrin	147		7.7	1.7
1024-57-3	Heptachlor epoxide	142		7.7	1.6
959-98-8	Endosulfan I	142		7.7	1.6
60-57-1	Dieldrin	145		7.7	1.5
72-55-9	4,4'-DDE	145		7.7	1.5
72-20-8	Endrin	140		7.7	1.1
33213-65-9	Endosulfan II	135		7.7	1.2
72-54-8	4,4'-DDD	138		7.7	0.92
1031-07-8	Endosulfan sulfate	123		7.7	0.99
50-29-3	4,4'-DDT	120		7.7	0.97
72-43-5	<i>Methoxychlor</i>	92.1		7.7	0.87
53494-70-5	Endrin ketone	129		7.7	1.1
7421-93-4	Endrin aldehyde	51.2		7.7	1.9
5103-71-9	<i>alpha-Chlordane</i>	141		7.7	1.6
5103-74-2	<i>gamma-Chlordane</i>	139		7.7	1.6
8001-35-2	Toxaphene	77	U	77	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		53-150
877-09-8	Tetrachloro-m-xylene	98		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/WR693661.D
Lab Smp Id: 460-31552-D-5-E
Inj Date : 27-SEP-2011 09:44
Operator :
Smp Info : 460-31552-D-5-E
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b/08Wr8081.m
Meth Date : 27-Sep-2011 10:50 ferdie
Cal Date : 27-SEP-2011 06:48
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC4.i
Quant Type: ESTD
Cal File: WR693652.D
QC Sample: MSD
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
RT	EXP RT	DLT RT	ON-COL	FINAL		TARGET RANGE	RATIO	
==	=====	=====	RESPONSE (ug/L)	(ug/kg)		=====	=====	
\$ 28	Tetrachloro-m-xylene				CAS #:	877-09-8		
2.080	2.077	0.003	128514	48.7882	32	80.00-	120.00	100.00

2	alpha-BHC				CAS #:	319-84-6		
2.760	2.760	0.000	723165	190.521	130	80.00-	120.00	100.00

5	gamma-BHC (Lindane)				CAS #:	58-89-9		
3.380	3.377	0.003	685770	190.903	130	80.00-	120.00	100.00

3	beta-BHC				CAS #:	319-85-7		
3.547	3.547	0.000	224449	133.128	89	80.00-	120.00	100.00

4	delta-BHC				CAS #:	319-86-8		
3.903	3.903	0.000	505878	146.367	98	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
17 Heptachlor						CAS #:	76-44-8	
4.320	4.320	0.000	481511	140.547	94	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
4.920	4.917	0.003	652878	191.229	130	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
6.127	6.127	0.000	589785	185.085	120	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
6.303	6.303	0.000	574014	180.365	120	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
6.463	6.463	0.000	527132	183.324	120	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
6.537	6.537	0.000	532975	188.470	120	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
6.613	6.613	0.000	507924	184.845	120	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
6.850	6.850	0.000	538018	188.444	120	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
7.080	7.080	0.000	428079	182.497	120	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
7.127	7.123	0.004	448552	179.743	120	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
7.303	7.303	0.000	453719	175.411	120	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
7.407	7.407	0.000	387341	156.517	100	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.733	7.733	0.000	143900	66.5353	44	80.00-	120.00	100.00(R)

19 Methoxychlor						CAS #:	72-43-5	
7.897	7.897	0.000	150160	119.706	80	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
8.197	8.197	0.000	371800	160.276	110	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.443	8.443	0.000	427205	167.093	110	80.00-	120.00	100.00

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET RANGE		RATIO	
==	=====	=====		=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.133	9.133	0.000		132426	56.1741	37	80.00- 120.00	100.00	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR693661.D

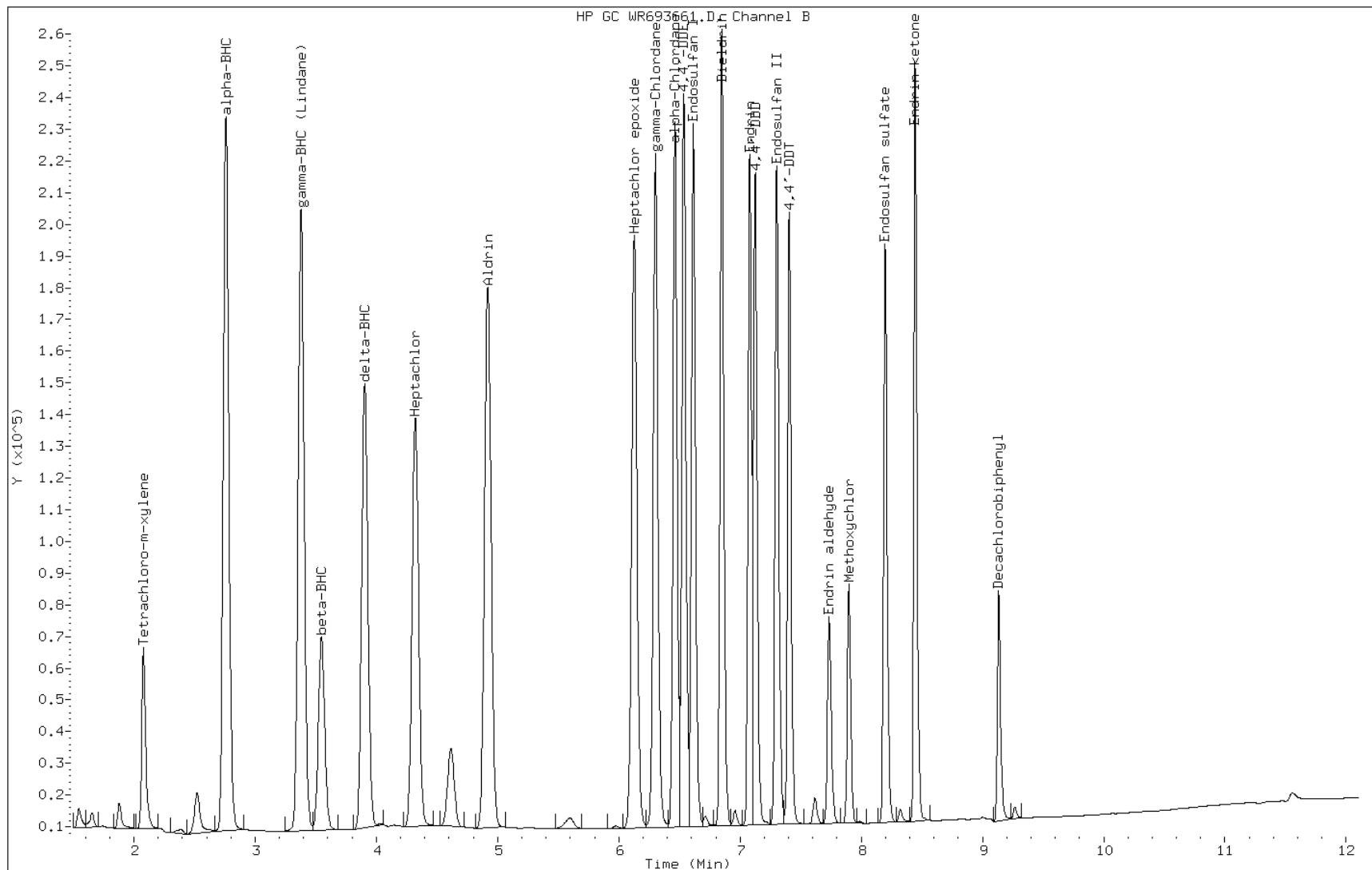
Date: 27-SEP-2011 09:44

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-31552-D-5-E

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-E MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xf125131.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/26/2011 15:25</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/04/2011 04:38</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/06/2011 14:00</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-2</u> ID: <u>0.53(mm)</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88872</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	107		7.5	1.4
319-85-7	beta-BHC	105		7.5	1.0
319-86-8	delta-BHC	111		7.5	1.1
58-89-9	gamma-BHC (Lindane)	110		7.5	0.88
76-44-8	Heptachlor	108		7.5	1.1
309-00-2	Aldrin	111		7.5	1.7
1024-57-3	Heptachlor epoxide	106		7.5	1.5
959-98-8	Endosulfan I	106		7.5	1.6
60-57-1	Dieldrin	105		7.5	1.5
72-55-9	4,4'-DDE	107		7.5	1.5
72-20-8	Endrin	105		7.5	1.1
33213-65-9	Endosulfan II	103		7.5	1.1
72-54-8	4,4'-DDD	107		7.5	0.90
1031-07-8	Endosulfan sulfate	94.4		7.5	0.97
50-29-3	4,4'-DDT	95.2		7.5	0.95
72-43-5	Methoxychlor	97.7		7.5	0.84
53494-70-5	Endrin ketone	106		7.5	1.1
7421-93-4	Endrin aldehyde	87.5		7.5	1.9
5103-71-9	alpha-Chlordane	103		7.5	1.6
5103-74-2	gamma-Chlordane	106		7.5	1.5
8001-35-2	Toxaphene	75	U	75	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		53-150
877-09-8	Tetrachloro-m-xylene	71		40-150

Data File: xf125131.d
Report Date: 10-Oct-2011 09:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/xf125131.d
Lab Smp Id: 460-31736-c-18-e
Inj Date : 06-OCT-2011 14:00
Operator :
Smp Info : 460-31736-c-18-e
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/front/Oct11/10-06-11/06oct11b.b/09Xf8081.m
Meth Date : 10-Oct-2011 09:40 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xf125059.d
QC Sample: MSD
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

				CONCENTRATIONS					
RT	EXP RT	DLT RT	RT	RESPONSE	ON-COL (ug/L)	FINAL (ug/kg)	TARGET RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 28	Tetrachloro-m-xylene					CAS #:	877-09-8		
2.597	2.593	0.004		108906	35.3203	24	80.00- 120.00	100.00	

2	alpha-BHC					CAS #:	319-84-6		
3.180	3.180	0.000		605064	142.942	95	80.00- 120.00	100.00	

5	gamma-BHC (Lindane)					CAS #:	58-89-9		
3.683	3.683	0.000		623136	146.018	97	80.00- 120.00	100.00	

3	beta-BHC					CAS #:	319-85-7		
3.837	3.837	0.000		296236	139.967	93	80.00- 120.00	100.00	

4	delta-BHC					CAS #:	319-86-8		
4.613	4.617	-0.004		639947	147.915	99	80.00- 120.00	100.00	

Data File: xf125131.d
Report Date: 10-Oct-2011 09:41

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE (ug/L)	ON-COL FINAL (ug/kg)	TARGET RANGE	RATIO
17	Heptachlor					CAS #: 76-44-8		
4.820	4.823	-0.003	620236	143.734	96	80.00- 120.00	100.00	
1	Aldrin					CAS #: 309-00-2		
5.727	5.730	-0.003	635962	147.913	99	80.00- 120.00	100.00	
18	Heptachlor epoxide					CAS #: 1024-57-3		
7.153	7.157	-0.004	532549	141.171	94	80.00- 120.00	100.00	
65	gamma-Chlordane					CAS #: 5103-74-2		
7.460	7.463	-0.003	508858	141.409	94	80.00- 120.00	100.00	
66	alpha-Chlordane					CAS #: 5103-71-9		
7.650	7.653	-0.003	449689	137.722	92	80.00- 120.00	100.00	
8	4,4'-DDE					CAS #: 72-55-9		
7.823	7.827	-0.004	439892	142.180	95	80.00- 120.00	100.00	
11	Endosulfan I					CAS #: 959-98-8		
7.730	7.733	-0.003	440725	141.135	94	80.00- 120.00	100.00	
10	Dieldrin					CAS #: 60-57-1		
8.053	8.057	-0.004	455227	140.167	93	80.00- 120.00	100.00	
14	Endrin					CAS #: 72-20-8		
8.420	8.423	-0.003	374154	140.019	93	80.00- 120.00	100.00	
7	4,4'-DDD					CAS #: 72-54-8		
8.507	8.510	-0.003	377599	142.399	95	80.00- 120.00	100.00	
12	Endosulfan II					CAS #: 33213-65-9		
8.667	8.670	-0.003	386762	137.087	91	80.00- 120.00	100.00	
9	4,4'-DDT					CAS #: 50-29-3		
8.887	8.890	-0.003	322581	126.923	85	80.00- 120.00	100.00	
15	Endrin aldehyde					CAS #: 7421-93-4		
9.070	9.070	0.000	263144	116.551	78	80.00- 120.00	100.00	
19	Methoxychlor					CAS #: 72-43-5		
9.573	9.573	0.000	161080	130.174	87	80.00- 120.00	100.00	
13	Endosulfan sulfate					CAS #: 1031-07-8		
9.367	9.370	-0.003	288251	125.815	84	80.00- 120.00	100.00	
16	Endrin ketone					CAS #: 53494-70-5		
9.803	9.807	-0.004	348810	140.945	94	80.00- 120.00	100.00	

Data File: xf125131.d
 Report Date: 10-Oct-2011 09:41

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE		RATIO
==	=====	=====		=====	=====	=====	=====		=====
\$ 30 Decachlorobiphenyl				CAS #: 2051-24-3					
10.753	10.753	0.000		113932	55.0590	37	80.00- 120.00		100.00

Data File: xf125131.d

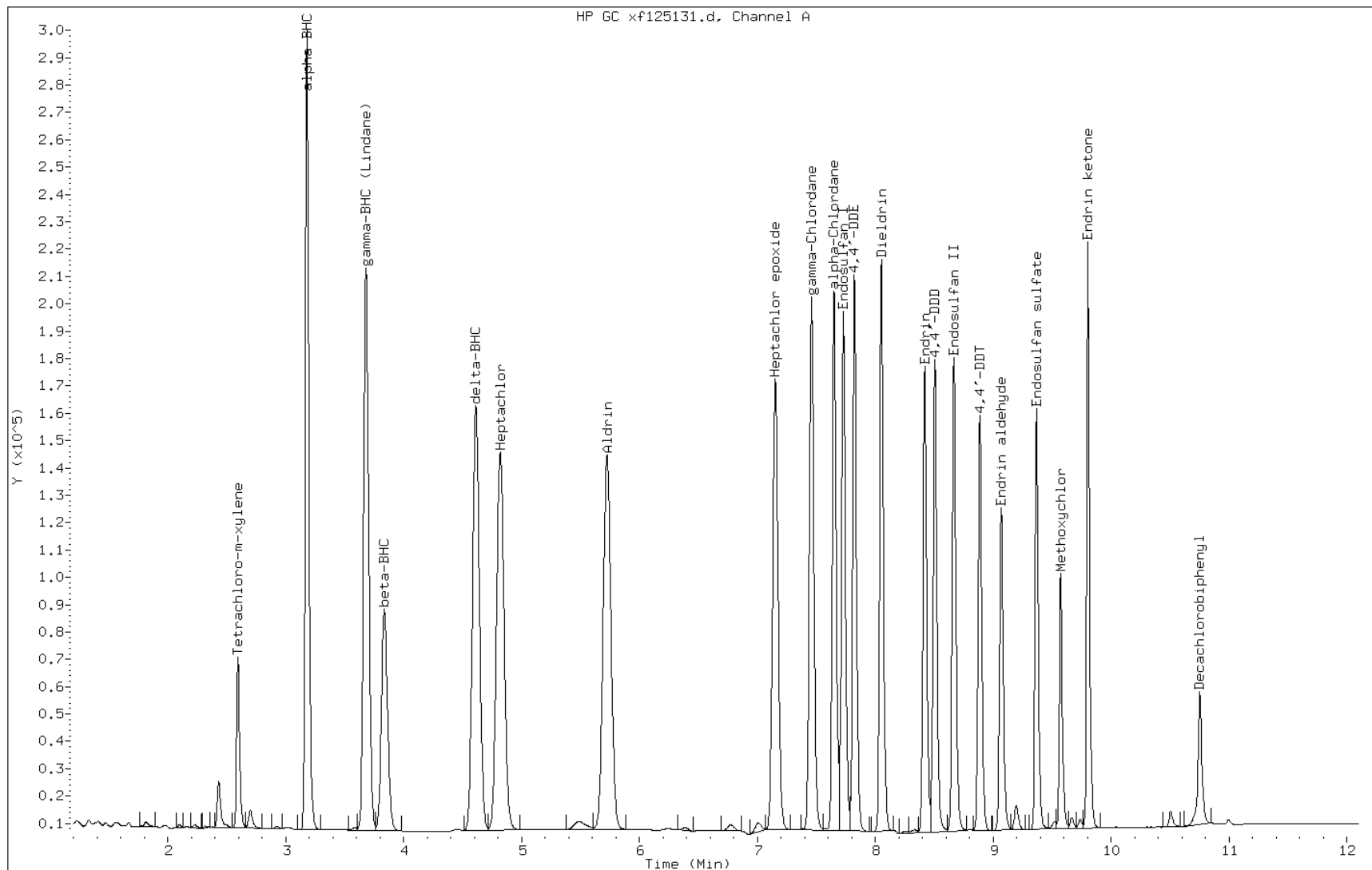
Date: 06-OCT-2011 14:00

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-31736-c-18-e

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-31552-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-31736-C-18-E MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>xr125131.d</u>
Analysis Method: <u>8081A</u>	Date Collected: <u>09/26/2011 15:25</u>
Extraction Method: <u>3541</u>	Date Extracted: <u>10/04/2011 04:38</u>
Sample wt/vol: <u>15.05(g)</u>	Date Analyzed: <u>10/06/2011 14:00</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1(uL)</u>	GC Column: <u>CLP-1</u> ID: <u>0.53(mm)</u>
% Moisture: <u>11.4</u>	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>88872</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	106		7.5	1.4
319-85-7	beta-BHC	108		7.5	1.0
319-86-8	delta-BHC	108		7.5	1.1
58-89-9	gamma-BHC (Lindane)	107		7.5	0.88
76-44-8	Heptachlor	105		7.5	1.1
309-00-2	Aldrin	111		7.5	1.7
1024-57-3	Heptachlor epoxide	118		7.5	1.5
959-98-8	Endosulfan I	117		7.5	1.6
60-57-1	Dieldrin	122		7.5	1.5
72-55-9	4,4'-DDE	119		7.5	1.5
72-20-8	Endrin	119		7.5	1.1
33213-65-9	Endosulfan II	118		7.5	1.1
72-54-8	4,4'-DDD	124		7.5	0.90
1031-07-8	Endosulfan sulfate	96.5		7.5	0.97
50-29-3	4,4'-DDT	109		7.5	0.95
72-43-5	Methoxychlor	97.1		7.5	0.84
53494-70-5	Endrin ketone	106		7.5	1.1
7421-93-4	Endrin aldehyde	96.0		7.5	1.9
5103-71-9	alpha-Chlordane	93.7		7.5	1.6
5103-74-2	gamma-Chlordane	108		7.5	1.5
8001-35-2	Toxaphene	75	U	75	16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		53-150
877-09-8	Tetrachloro-m-xylene	80		40-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/xr125131.d
Lab Smp Id: 460-31736-c-18-e
Inj Date : 06-OCT-2011 14:00
Operator :
Smp Info : 460-31736-c-18-e
Misc Info :
Comment :
Method : /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b/09Xr8081.m
Meth Date : 07-Oct-2011 12:15 ferdie
Cal Date : 05-OCT-2011 09:25
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC1.i
Quant Type: ESTD
Cal File: xr125059.d
QC Sample: MSD
Compound Sublist: Allpest.sub
Sample Matrix: SOIL

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (uL)(1000 low, 2
Ws	15.00000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET RANGE		RATIO	
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene									
1.930	1.927	0.003	233277	39.8499	26	80.00-	120.00	100.00	
CAS #: 877-09-8									
2 alpha-BHC									
2.317	2.313	0.004	1107234	141.189	94	80.00-	120.00	100.00	
CAS #: 319-84-6									
5 gamma-BHC (Lindane)									
2.537	2.537	0.000	931426	142.967	95	80.00-	120.00	100.00	
CAS #: 58-89-9									
3 beta-BHC									
2.600	2.600	0.000	536625	144.125	96	80.00-	120.00	100.00	
CAS #: 319-85-7									
4 delta-BHC									
2.730	2.727	0.003	1003799	144.240	96	80.00-	120.00	100.00	
CAS #: 319-86-8									

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
17 Heptachlor						CAS #:	76-44-8	
2.897	2.893	0.004	997946	140.489	94	80.00-	120.00	100.00

1 Aldrin						CAS #:	309-00-2	
3.163	3.163	0.000	996043	147.306	98	80.00-	120.00	100.00

18 Heptachlor epoxide						CAS #:	1024-57-3	
4.030	4.027	0.003	1101542	156.621	100	80.00-	120.00	100.00

65 gamma-Chlordane						CAS #:	5103-74-2	
4.323	4.320	0.003	1039184	144.314	96	80.00-	120.00	100.00

66 alpha-Chlordane						CAS #:	5103-71-9	
4.630	4.633	-0.003	865964	124.827	83	80.00-	120.00	100.00

8 4,4'-DDE						CAS #:	72-55-9	
4.843	4.840	0.003	985007	158.246	100	80.00-	120.00	100.00

11 Endosulfan I						CAS #:	959-98-8	
4.950	4.947	0.003	1051966	155.859	100	80.00-	120.00	100.00

10 Dieldrin						CAS #:	60-57-1	
5.543	5.543	0.000	1095967	162.750	110	80.00-	120.00	100.00

14 Endrin						CAS #:	72-20-8	
6.133	6.133	0.000	919775	158.587	100	80.00-	120.00	100.00

7 4,4'-DDD						CAS #:	72-54-8	
6.330	6.330	0.000	879060	165.224	110	80.00-	120.00	100.00

12 Endosulfan II						CAS #:	33213-65-9	
6.667	6.667	0.000	935317	156.628	100	80.00-	120.00	100.00

9 4,4'-DDT						CAS #:	50-29-3	
6.977	6.977	0.000	812801	144.726	96	80.00-	120.00	100.00

15 Endrin aldehyde						CAS #:	7421-93-4	
7.437	7.437	0.000	588884	127.920	85	80.00-	120.00	100.00

19 Methoxychlor						CAS #:	72-43-5	
7.693	7.693	0.000	369089	129.352	86	80.00-	120.00	100.00

13 Endosulfan sulfate						CAS #:	1031-07-8	
7.940	7.937	0.003	601778	128.626	86	80.00-	120.00	100.00

16 Endrin ketone						CAS #:	53494-70-5	
8.250	8.250	0.000	756991	140.657	94	80.00-	120.00	100.00

Data File: xr125131.d
Report Date: 10-Oct-2011 09:41

Page 3

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl									
CAS #: 2051-24-3									
9.383	9.380	0.003		204425	45.5188	30	80.00- 120.00	100.00	

Data File: xr125131.d

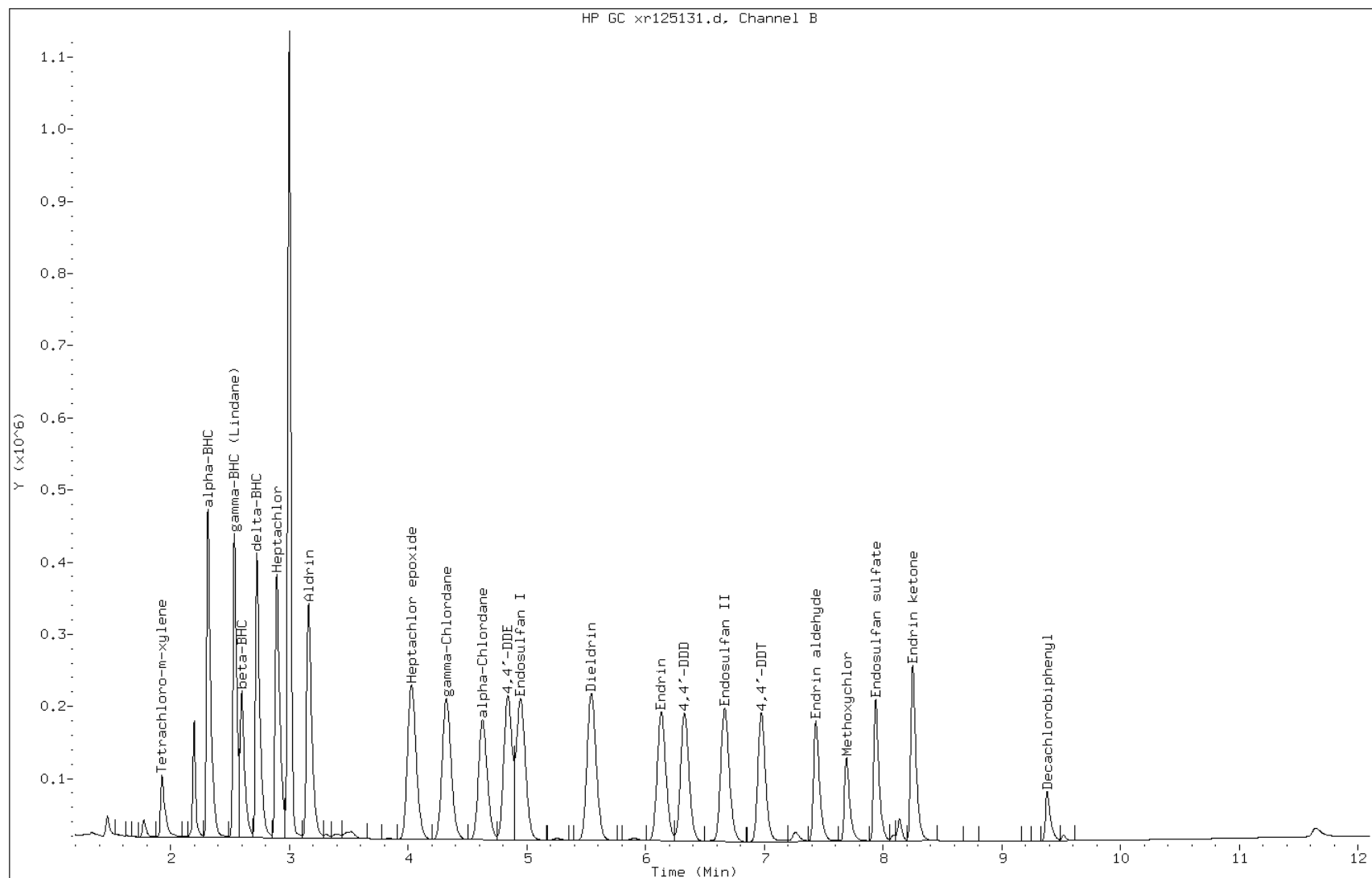
Date: 06-OCT-2011 14:00

Client ID:

Instrument: PESTGC1.i

Sample Info: 460-31736-c-18-e

Operator:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC1 Start Date: 10/05/2011 07:06Analysis Batch Number: 88313 End Date: 10/05/2011 09:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/05/2011 07:06	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2011 07:06	1		CLP-1 0.53 (mm)
PIBLK 460-88313/2		10/05/2011 07:20	1		CLP-2 0.53 (mm)
PIBLK 460-88313/2		10/05/2011 07:20	1		CLP-1 0.53 (mm)
RESC 460-88313/3		10/05/2011 07:34	1		CLP-2 0.53 (mm)
RESC 460-88313/3		10/05/2011 07:34	1		CLP-1 0.53 (mm)
PEM 460-88313/4		10/05/2011 07:48	1		CLP-2 0.53 (mm)
PEM 460-88313/4		10/05/2011 07:48	1		CLP-1 0.53 (mm)
IC 460-88313/5		10/05/2011 08:02	1	xf125053.d	CLP-2 0.53 (mm)
IC 460-88313/5		10/05/2011 08:02	1	xr125053.d	CLP-1 0.53 (mm)
IC 460-88313/6		10/05/2011 08:16	1	xf125054.d	CLP-2 0.53 (mm)
IC 460-88313/6		10/05/2011 08:16	1	xr125054.d	CLP-1 0.53 (mm)
IC 460-88313/7		10/05/2011 08:29	1	xf125055.d	CLP-2 0.53 (mm)
IC 460-88313/7		10/05/2011 08:29	1	xr125055.d	CLP-1 0.53 (mm)
IC 460-88313/8		10/05/2011 08:43	1	xf125056.d	CLP-2 0.53 (mm)
IC 460-88313/8		10/05/2011 08:43	1	xr125056.d	CLP-1 0.53 (mm)
IC 460-88313/9		10/05/2011 08:57	1	xf125057.d	CLP-2 0.53 (mm)
IC 460-88313/9		10/05/2011 08:57	1	xr125057.d	CLP-1 0.53 (mm)
IC 460-88313/10		10/05/2011 09:11	1		CLP-2 0.53 (mm)
IC 460-88313/10		10/05/2011 09:11	1		CLP-1 0.53 (mm)
IC 460-88313/11		10/05/2011 09:25	1	xf125059.d	CLP-2 0.53 (mm)
IC 460-88313/11		10/05/2011 09:25	1	xr125059.d	CLP-1 0.53 (mm)
ICV 460-88313/12		10/05/2011 09:38	1		CLP-2 0.53 (mm)
ICV 460-88313/12		10/05/2011 09:38	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC1Start Date: 10/06/2011 10:07Analysis Batch Number: 88872End Date: 10/06/2011 17:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-88872/1		10/06/2011 10:07	1	xf125117.d	CLP-2 0.53 (mm)
PIBLK 460-88872/1		10/06/2011 10:07	1	xr125117.d	CLP-1 0.53 (mm)
CCVRT 460-88872/2		10/06/2011 10:33	1	xf125118.d	CLP-2 0.53 (mm)
CCVRT 460-88872/2		10/06/2011 10:33	1	xr125118.d	CLP-1 0.53 (mm)
PEM 460-88872/3		10/06/2011 10:47	1	xf125119.d	CLP-2 0.53 (mm)
PEM 460-88872/3		10/06/2011 10:47	1	xr125119.d	CLP-1 0.53 (mm)
RESC 460-88872/4		10/06/2011 11:29	1	xf125120.d	CLP-2 0.53 (mm)
RESC 460-88872/4		10/06/2011 11:29	1	xr125120.d	CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 11:42	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 11:42	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 11:56	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 11:56	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 12:10	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 12:10	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 12:24	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 12:24	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 12:37	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 12:37	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 12:51	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 12:51	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 13:05	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 13:05	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 13:19	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 13:19	1		CLP-1 0.53 (mm)
LCS 460-88124/2-A		10/06/2011 13:33	1	xf125129.d	CLP-2 0.53 (mm)
LCS 460-88124/2-A		10/06/2011 13:33	1	xr125129.d	CLP-1 0.53 (mm)
460-31736-C-18-D MS		10/06/2011 13:46	1	xf125130.d	CLP-2 0.53 (mm)
460-31736-C-18-D MS		10/06/2011 13:46	1	xr125130.d	CLP-1 0.53 (mm)
460-31736-C-18-E MSD		10/06/2011 14:00	1	xf125131.d	CLP-2 0.53 (mm)
460-31736-C-18-E MSD		10/06/2011 14:00	1	xr125131.d	CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 14:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 14:14	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 14:28	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 14:28	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 14:41	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 14:41	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 14:55	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 14:55	1		CLP-1 0.53 (mm)
460-31552-4	SO-17338-092111-MM-04 2	10/06/2011 15:09	1	xf125136.d	CLP-2 0.53 (mm)
460-31552-4	SO-17338-092111-MM-04 2	10/06/2011 15:09	1	xr125136.d	CLP-1 0.53 (mm)
MB 460-88124/1-A		10/06/2011 15:23	1	xf125137.d	CLP-2 0.53 (mm)
MB 460-88124/1-A		10/06/2011 15:23	1	xr125137.d	CLP-1 0.53 (mm)
PIBLK 460-88872/22		10/06/2011 15:36	1	xf125138.d	CLP-2 0.53 (mm)
PIBLK 460-88872/22		10/06/2011 15:36	1	xr125138.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC1 Start Date: 10/06/2011 10:07Analysis Batch Number: 88872 End Date: 10/06/2011 17:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-88872/23		10/06/2011 15:50	1	xf125139.d	CLP-2 0.53 (mm)
CCV 460-88872/23		10/06/2011 15:50	1	xr125139.d	CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 16:04	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 16:04	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 16:18	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 16:18	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 16:31	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 16:31	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 16:45	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 16:45	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 16:59	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 16:59	1		CLP-1 0.53 (mm)
ZZZZZ		10/06/2011 17:13	1		CLP-2 0.53 (mm)
ZZZZZ		10/06/2011 17:13	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/27/2011 04:29Analysis Batch Number: 87376 End Date: 09/27/2011 07:02

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-87376/1		09/27/2011 04:29	1		CLP-2 0.53 (mm)
RINSE 460-87376/1		09/27/2011 04:29	1		CLP-1 0.53 (mm)
PIBLK 460-87376/2		09/27/2011 04:43	1		CLP-2 0.53 (mm)
PIBLK 460-87376/2		09/27/2011 04:43	1		CLP-1 0.53 (mm)
RESC 460-87376/3		09/27/2011 04:57	1		CLP-2 0.53 (mm)
RESC 460-87376/3		09/27/2011 04:57	1		CLP-1 0.53 (mm)
PEM 460-87376/4		09/27/2011 05:11	1		CLP-2 0.53 (mm)
PEM 460-87376/4		09/27/2011 05:11	1		CLP-1 0.53 (mm)
IC 460-87376/5		09/27/2011 05:25	1	WF693646.D	CLP-2 0.53 (mm)
IC 460-87376/5		09/27/2011 05:25	1	WR693646.D	CLP-1 0.53 (mm)
IC 460-87376/6		09/27/2011 05:39	1	WF693647.D	CLP-2 0.53 (mm)
IC 460-87376/6		09/27/2011 05:39	1	WR693647.D	CLP-1 0.53 (mm)
IC 460-87376/7		09/27/2011 05:53	1	WF693648.D	CLP-2 0.53 (mm)
IC 460-87376/7		09/27/2011 05:53	1	WR693648.D	CLP-1 0.53 (mm)
IC 460-87376/8		09/27/2011 06:07	1	WF693649.D	CLP-2 0.53 (mm)
IC 460-87376/8		09/27/2011 06:07	1	WR693649.D	CLP-1 0.53 (mm)
IC 460-87376/9		09/27/2011 06:20	1	WF693650.D	CLP-2 0.53 (mm)
IC 460-87376/9		09/27/2011 06:20	1	WR693650.D	CLP-1 0.53 (mm)
IC 460-87376/10		09/27/2011 06:34	1		CLP-2 0.53 (mm)
IC 460-87376/10		09/27/2011 06:34	1		CLP-1 0.53 (mm)
IC 460-87376/11		09/27/2011 06:48	1	WF693652.D	CLP-2 0.53 (mm)
IC 460-87376/11		09/27/2011 06:48	1	WR693652.D	CLP-1 0.53 (mm)
ICV 460-87376/12		09/27/2011 07:02	1		CLP-2 0.53 (mm)
ICV 460-87376/12		09/27/2011 07:02	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 09/27/2011 07:16Analysis Batch Number: 87399 End Date: 09/27/2011 10:39

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-87399/1		09/27/2011 07:16	1	WF693654.D	CLP-2 0.53 (mm)
PIBLK 460-87399/1		09/27/2011 07:16	1	WR693654.D	CLP-1 0.53 (mm)
CCVRT 460-87399/2		09/27/2011 07:30	1	WF693655.D	CLP-2 0.53 (mm)
CCVRT 460-87399/2		09/27/2011 07:30	1	WR693655.D	CLP-1 0.53 (mm)
PEM 460-87399/3		09/27/2011 07:44	1	WF693656.D	CLP-2 0.53 (mm)
PEM 460-87399/3		09/27/2011 07:44	1	WR693656.D	CLP-1 0.53 (mm)
RESC 460-87399/4		09/27/2011 07:58	1	WF693657.D	CLP-2 0.53 (mm)
RESC 460-87399/4		09/27/2011 07:58	1	WR693657.D	CLP-1 0.53 (mm)
ZZZZZ		09/27/2011 09:00	1		CLP-2 0.53 (mm)
ZZZZZ		09/27/2011 09:00	1		CLP-1 0.53 (mm)
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 09:13	1	WF693659.D	CLP-2 0.53 (mm)
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 09:13	1	WR693659.D	CLP-1 0.53 (mm)
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 09:27	1	WF693660.D	CLP-2 0.53 (mm)
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 09:27	1	WR693660.D	CLP-1 0.53 (mm)
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 09:44	1	WF693661.D	CLP-2 0.53 (mm)
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 09:44	1	WR693661.D	CLP-1 0.53 (mm)
LCS 460-87369/2-A		09/27/2011 09:58	1	WF693662.D	CLP-2 0.53 (mm)
LCS 460-87369/2-A		09/27/2011 09:58	1	WR693662.D	CLP-1 0.53 (mm)
MB 460-87369/1-A		09/27/2011 10:11	1	WF693663.D	CLP-2 0.53 (mm)
MB 460-87369/1-A		09/27/2011 10:11	1	WR693663.D	CLP-1 0.53 (mm)
PIBLK 460-87399/11		09/27/2011 10:25	1	WF693664.D	CLP-2 0.53 (mm)
PIBLK 460-87399/11		09/27/2011 10:25	1	WR693664.D	CLP-1 0.53 (mm)
CCV 460-87399/12		09/27/2011 10:39	1	WF693665.D	CLP-2 0.53 (mm)
CCV 460-87399/12		09/27/2011 10:39	1	WR693665.D	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/808IT/rear/Sep11/09-27-11aical/27sep11a.b

Date Generated: 09/27/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
09/27/11	0429 WR693642	1	HEXANE	27sep11a	NA	15	10	1	SAMPLE	NA	87376
09/27/11	0443 WR693643	2	SGPIBLK_00008	27sep11a		15	10	1	SAMPLE		NA
09/27/11	0457 WR693644	3	SGRESCI_00008	27sep11a		15	10	1	SAMPLE		S
09/27/11	0511 WR693645	4	SGDDT/EI_00015	27sep11a		15	10	1	SAMPLE		S
09/27/11	0525 WR693646	5	SGPESTL3_00009	NA		0	0	1	CALIB_3		S
09/27/11	0539 WR693647	6	SGPESTL1_00011			0	0	1	CALIB_1		S
09/27/11	0553 WR693648	7	SGPESTL2_00008			0	0	1	CALIB_2		S
09/27/11	0607 WR693649	8	SGPESTL4_00008			0	0	1	CALIB_4		S
09/27/11	0620 WR693650	9	SGPESTL5_00008			0	0	1	CALIB_5		S
09/27/11	0634 WR693651	10	SGCHLOL3_00007			0	0	1	CALIB_3		S
09/27/11	0648 WR693652	11	SGTOXL3_00010			0	0	1	CALIB_3		S
09/27/11	0702 WR693653	12	SGPTICV_00012			0	0	1	CCALIB_3		S

Signed: *[Signature]* Read and Understood by: *[Signature]*
Date: 09/27/11 Date: 9/27/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/8081T/rear/Sep11/09-27-11aical/27sep11b.b

Date Generated: 09/27/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
09/27/11	0716 WR693654	13	SGPIBLK_00008	27sep11b	NA	15	10	1	SAMPLE	NA	87399
09/27/11	0730 WR693655	14	SGPESTL3_00009	NA	1	0	0	1	CCALIB_3	NA	87399
09/27/11	0744 WR693656	15	SGDDT/Ei_00015	27sep11b	1	15	10	1	SAMPLE	NA	87399
09/27/11	0758 WR693657	16	SGRESCI_00008	27sep11b	1	15	10	1	SAMPLE	NA	87399
09/27/11	0900 WR693658	17	460-31605-A-6-E	460-87369	09/27/11	15	0	10	1	SAMPLE	87399
09/27/11	0913 WR693659	18	460-31552-D-5-F	460-87369	09/27/11	15	10	1	SAMPLE	NA	87399
09/27/11	0927 WR693660	19	460-31552-D-5-D	27sep11b	NA	15	10	1	MS	NA	87399
09/27/11	0944 WR693661	20	460-31552-D-5-E	27sep11b	1	15	10	1	MSD	NA	87399
09/27/11	0958 WR693662	21	LCS 460-87369/2-	NA	1	15	10	1	BS	NA	87399
09/27/11	1011 WR693663	22	MB 460-87369/1-A	27sep11b	1	15	10	1	SAMPLE	NA	87399
09/27/11	1025 WR693664	23	P1BLK_00008	27sep11b	1	15	10	1	SAMPLE	NA	87399
09/27/11	1039 WR693665	24	PESTL3_00009	NA	1	0	0	1	CCALIB_3	NA	87399

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Signed: Ray Read and Understood by: Ray
Date: 09/27/11 Date: 09/27/11

10/28/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGCI.i
Analytical Batch: /chem/PESTGCI.i/8081T/rear/Oct11/10-05-11aical/05oct11a.b

Date Generated: 10/05/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/05/11 0706	xr125049	1	HEXANE	05oct11a	MA	15	10	1	SAMPLE	NA	88313
10/05/11 0720	xr125050	2	SGPIBLK_00007	05oct11a		15	10	1	SAMPLE		
10/05/11 0734	xr125051	3	SGRESCI_00008	05oct11a		15	10	1	SAMPLE		
10/05/11 0748	xr125052	4	SGDDT/EI_00015	05oct11a		15	10	1	SAMPLE		
10/05/11 0802	xr125053	5	SGPESTL3_00010	NA		0	0	1	CALIB_3		
10/05/11 0816	xr125054	6	SGPESTL1_00012			0	0	1	CALIB_1		
10/05/11 0829	xr125055	7	SGPESTL2_00009			0	0	1	CALIB_2		
10/05/11 0843	xr125056	8	SGPESTL4_00009			0	0	1	CALIB_4		
10/05/11 0857	xr125057	9	SGPESTL5_00009			0	0	1	CALIB_5		
10/05/11 0911	xr125058	10	SGCHORL3_00007			0	0	1	CALIB_3		
10/05/11 0925	xr125059	11	SGTOX13_00010			0	0	1	CALIB_3		
10/05/11 0938	xr125060	12	SGPTICV_00015			0	0	1	CCALIB_3		

Signed:  Read and Understood by: 
Date: 10/05/11 Date: 10-5-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i
Analytical Batch: /chem1/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b

Date Generated: 10/07/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	FAC	SampleType	LOT	COMMENTS
10/06/11 1007	xr125117	18	SGFIBLK_00008	06oct11b	11	15	10	1		SAMPLE	NA	88872
10/06/11 1033	xr125118	19	SGPESTL3_00010	NA	11	0	0	1		CCALIB_3	NA	
10/06/11 1047	xr125119	20	SGDDT/EI_00015	06oct11b	11	15	10	1		SAMPLE		
10/06/11 1129	xr125120	21	SGRESCI_00008	06oct11b	11	15	10	1		SAMPLE		
10/06/11 1142	xr125121	22	460-31957-C-2-D	460-88462	10/06/11	15.0	10	1		SAMPLE		
10/06/11 1156	xr125122	23	460-31957-C-3-D	460-88462	10/06/11	15	10	1		SAMPLE		
10/06/11 1210	xr125123	24	460-31957-C-4-D	460-88462	10/06/11	15.1	10	1		SAMPLE		
10/06/11 1224	xr125124	25	460-31957-C-5-D	460-88462	10/06/11	15	10	1		SAMPLE		
10/06/11 1237	xr125125	26	460-31957-C-6-C	460-88462	10/06/11	15	10	1		SAMPLE		
10/06/11 1251	xr125126	27	460-31957-C-7-D	460-88462	10/06/11	15	10	1		SAMPLE		
10/06/11 1305	xr125127	28	460-31957-C-8-C	460-88462	10/06/11	15	10	1		SAMPLE		
10/06/11 1319	xr125128	29	460-31957-C-9-C	460-88462	10/06/11	15	10	1		SAMPLE		
10/06/11 1333	xr125129	30	lcs 460-88124/2-	NA		15	10	1		BS		
10/06/11 1346	xr125130	31	460-31736-C-18-d	06oct11b		15	10	1		MS		

Page 1 of 1
10/28/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC1.i
Analytical Batch: /chemi/PESTGC1.i/8081T/rear/Oct11/10-06-11/06oct11b.b

Date Generated: 10/07/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV IW	DIL FAC	SampleType	LOT	COMMENTS
10/06/11 1400	xr125131		460-31736-c-18-e	06oct11b		15	10	1	MSD	1A	G
10/06/11 1414	xr125132	32	460-31736-c-17-b	06oct11b		15	10	1	SAMPLE		G
10/06/11 1428	xr125133	33	460-31736-c-18-f	06oct11b		15	10	1	SAMPLE		G
10/06/11 1441	xr125134	34	460-31736-c-27-b	06oct11b		15	10	1	SAMPLE		G
10/06/11 1455	xr125135	35	460-31736-c-28-b	06oct11b		15	10	1	SAMPLE		G
10/06/11 1509	xr125136	36	460-31552-d-4-c	06oct11b		15	10	1	SAMPLE		G
10/06/11 1523	xr125137	37	mb 460-88124/1-a	06oct11b		15	10	1	SAMPLE		G
10/06/11 1536	xr125138	38	SGPIBLK_00008	06oct11b		15	10	1	SAMPLE		G
10/06/11 1550	xr125139	39	SGPESTL3_00010	06oct11b		0	0	1	CCALIB_3		confirm
10/06/11 1604	xr125140	40	SGDDT/EI_00015	06oct11b		15	10	1	SAMPLE		an
10/06/11 1618	xr125141	41	MICRO PEST BLANK	06oct11b		15	10	1	SAMPLE		Microwave Pest
10/06/11 1631	xr125142	42	MICRO PEST LCS 1	06oct11b		15	10	1	BS		
10/06/11 1645	xr125143	43	MICRO PEST LCS 2	06oct11b		15	10	1	BS		
10/06/11 1659	xr125144	44	MICRO PEST LCS 3	06oct11b		15	10	1	BS		

7/9 10/07/11
Signature 10/11/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGCL1.i
Analytical Batch: /chem1/PESTGCL1.i/8081T/rear/Oct11/10-06-11/06oct11b.b

Date Generated: 10/07/2011
Page 3

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/IW	FV	DIL	SampleType	LOT	COMMENTS
10/06/11 1713	xr125145	96	MICRO PEST LCS 4	1A	11	15	10	1	BS	1A	Microsome Pest

Signature: [Signature] Read and Understood by: [Signature]
Date: 10/07/11 Date: 10/10/11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87369 Batch Start Date: 09/27/11 05:25 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 09/27/11 08:36

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PESTSP 00008	OPPSTPCBSU 00018	
MB 460-87369/1		3541, 8081A		15.00 g	10 mL	1		50 uL	
LCS 460-87369/2		3541, 8081A		15.00 g	10 mL	2	100 uL	50 uL	
460-31552-D-5 MS	SO-17338-092111-MM-043	3541, 8081A	T	15.04 g	10 mL	3	100 uL	50 uL	
460-31552-D-5 MSD	SO-17338-092111-MM-043	3541, 8081A	T	15.00 g	10 mL	4	100 uL	50 uL	
460-31552-D-5	SO-17338-092111-MM-043	3541, 8081A	T	15.00 g	10 mL	74		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	8:36am
Florisil Lot #	k22551
Vendor lot number	j44e39
Na2SO4 Lot Number	j51636
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	5:25am

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 88124 Batch Start Date: 10/04/11 04:38 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 10/04/11 10:31

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_PESTSP 00008	OPPSTPCBSU 00018	
MB 460-88124/1		3541, 8081A		15.00 g	10 mL	73		50 uL	
LCS 460-88124/2		3541, 8081A		15.00 g	10 mL	74	100 uL	50 uL	
460-31736-C-18 MS		3541, 8081A	T	15.02 g	10 mL	75	100 uL	50 uL	
460-31736-C-18 MSD		3541, 8081A	T	15.05 g	10 mL	76	100 uL	50 uL	
460-31552-D-4	SO-17338-092111- MM-042	3541, 8081A	T	15.00 g	10 mL	73		50 uL	

Batch Notes	
Balance ID	30
Batch Comment	pest-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	9:46am
Florisil Lot #	k22551
Vendor lot number	j44e39
Na2SO4 Lot Number	k04600
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	4:38am

Basis	Basis Description
T	Total/NA

Method 8082 - Delaware

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

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
SO-17338-092111-MM-042	460-31552-4	84	91
SO-17338-092111-MM-043	460-31552-5	102	104
	MB 460-87367/1-A	117	120
	MB 460-88122/1-A	114	112
	LCS 460-87367/2-A	133	132
	LCS 460-88122/2-A	113	111
SO-17338-092111-MM-043 MS	460-31552-5 MS	83	81
	460-31736-C-18-A MS	124	120
SO-17338-092111-MM-043 MSD	460-31552-5 MSD	80	77
	460-31736-C-18-B MSD	121	115

DCB = DCB Decachlorobiphenyl

QC LIMITS
30-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: of178029.d
Lab ID: LCS 460-87367/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	391	117	60-144	
PCB-1260	333	377	113	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: or178029.d
Lab ID: LCS 460-87367/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	394	118	60-144	
PCB-1260	333	375	113	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465113.d
Lab ID: LCS 460-88122/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	343	103	60-144	
PCB-1260	333	325	98	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465113.d
Lab ID: LCS 460-88122/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
PCB-1016	333	340	102	60-144	
PCB-1260	333	323	97	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: of178033.d
Lab ID: 460-31552-5 MS Client ID: SO-17338-092111-MM-043 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	384	77 U	283	74	60-144	
PCB-1260	384	77 U	271	71	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: or178033.d
Lab ID: 460-31552-5 MS Client ID: SO-17338-092111-MM-043 MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	384	77 U	280	73	60-144	
PCB-1260	384	77 U	286	75	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465114.d
Lab ID: 460-31736-C-18-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	376	76 U	442	118	60-144	
PCB-1260	376	76 U	431	115	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465114.d
Lab ID: 460-31736-C-18-A MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
PCB-1016	376	76 U	422	112	60-144	
PCB-1260	376	76 U	418	111	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: of178034.d
Lab ID: 460-31552-5 MSD Client ID: SO-17338-092111-MM-043 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	385	275	72	3	30	60-144	
PCB-1260	385	262	68	9	30	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: or178034.d
Lab ID: 460-31552-5 MSD Client ID: SO-17338-092111-MM-043 MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	385	272	71	3	30	60-144	
PCB-1260	385	257	67	5	30	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vf465115.d
Lab ID: 460-31736-C-18-B MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	376	437	116	1	30	60-144	
PCB-1260	376	414	110	4	30	63-143	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: vr465115.d
Lab ID: 460-31736-C-18-B MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	376	417	111	1	30	60-144	
PCB-1260	376	408	108	2	30	63-143	

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: MB 460-87367/1-A
Matrix: Solid Date Extracted: 09/27/2011 05:09
Lab File ID: (1) or178028.d Lab File ID: (2) of178028.d
Date Analyzed: (1) 09/27/2011 10:13 Date Analyzed: (2) 09/27/2011 10:13
Instrument ID: (1) PESTGC7 Instrument ID: (2) PESTGC7
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-87367/2-A	09/27/2011 10:29	09/27/2011 10:29
SO-17338-092111-MM-043	460-31552-5	09/27/2011 10:46	09/27/2011 10:46
SO-17338-092111-MM-043 MS	460-31552-5 MS	09/27/2011 11:35	09/27/2011 11:35
SO-17338-092111-MM-043 MSD	460-31552-5 MSD	09/27/2011 11:52	09/27/2011 11:52

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Lab Sample ID: MB 460-88122/1-A
Matrix: Solid Date Extracted: 10/04/2011 04:15
Lab File ID: (1) vr465112.d Lab File ID: (2) vf465112.d
Date Analyzed: (1) 10/04/2011 20:32 Date Analyzed: (2) 10/04/2011 20:32
Instrument ID: (1) PESTGC9 Instrument ID: (2) PESTGC9
GC Column: (1) CLP-1 ID: 0.53(mm) GC Column: (2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-88122/2-A	10/04/2011 20:48	10/04/2011 20:48
	460-31736-C-18-A MS	10/04/2011 21:04	10/04/2011 21:04
	460-31736-C-18-B MSD	10/04/2011 21:20	10/04/2011 21:20
SO-17338-092111-MM-042	460-31552-4	10/05/2011 00:46	10/05/2011 00:46

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-87420/4 Date Analyzed: 09/27/2011 08:22
 Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): of178027.d Heated Purge: (Y/N) N
 Calibration ID: 12349

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.59		
UPPER LIMIT				10.69		
LOWER LIMIT				10.49		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-87420/4		09/27/2011 08:22	of178027.d	10.59		
MB 460-87367/1-A		09/27/2011 10:13	of178028.d	10.60		
LCS 460-87367/2-A		09/27/2011 10:29	of178029.d	10.59		
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 10:46	of178030.d	10.59		
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 11:35	of178033.d	10.59		
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 11:52	of178034.d	10.59		
PIBLK 460-87420/12		09/27/2011 12:08	of178035.d	10.59		
CCV 460-87420/13		09/27/2011 12:24	of178036.d	10.59		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-87420/4 Date Analyzed: 09/27/2011 08:22
 Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): or178027.d Heated Purge: (Y/N) N
 Calibration ID: 12348

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.45		
UPPER LIMIT				9.55		
LOWER LIMIT				9.35		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-87420/3		09/27/2011 08:06	or178026.d	9.45		
CCVRT 460-87420/4		09/27/2011 08:22	or178027.d	9.45		
MB 460-87367/1-A		09/27/2011 10:13	or178028.d	9.46		
LCS 460-87367/2-A		09/27/2011 10:29	or178029.d	9.45		
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 10:46	or178030.d	9.45		
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 11:35	or178033.d	9.45		
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 11:52	or178034.d	9.45		
PIBLK 460-87420/12		09/27/2011 12:08	or178035.d	9.45		
CCV 460-87420/13		09/27/2011 12:24	or178036.d	9.45		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-88374/2 Date Analyzed: 10/04/2011 20:16
 Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): vf465111.d Heated Purge: (Y/N) N
 Calibration ID: 12475

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				11.55		
UPPER LIMIT				11.65		
LOWER LIMIT				11.45		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-88374/2		10/04/2011 20:16	vf465111.d	11.55		
MB 460-88122/1-A		10/04/2011 20:32	vf465112.d	11.55		
LCS 460-88122/2-A		10/04/2011 20:48	vf465113.d	11.55		
460-31736-C-18-A MS		10/04/2011 21:04	vf465114.d	11.55		
460-31736-C-18-B MSD		10/04/2011 21:20	vf465115.d	11.55		
460-31552-4	SO-17338-092111-MM-04 2	10/05/2011 00:46	vf465128.d	11.54		
CCV 460-88374/21		10/05/2011 01:17	vf465130.d	11.55		

DCB = DCB Decachlorobiphenyl

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

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Sample No.: CCVRT 460-88374/2 Date Analyzed: 10/04/2011 20:16
 Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): vr465111.d Heated Purge: (Y/N) N
 Calibration ID: 12467

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.63		
UPPER LIMIT				10.73		
LOWER LIMIT				10.53		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-88374/2		10/04/2011 20:16	vr465111.d	10.63		
MB 460-88122/1-A		10/04/2011 20:32	vr465112.d	10.63		
LCS 460-88122/2-A		10/04/2011 20:48	vr465113.d	10.64		
460-31736-C-18-A MS		10/04/2011 21:04	vr465114.d	10.63		
460-31736-C-18-B MSD		10/04/2011 21:20	vr465115.d	10.63		
460-31552-4	SO-17338-092111-MM-04 2	10/05/2011 00:46	vr465128.d	10.63		
CCV 460-88374/21		10/05/2011 01:17	vr465130.d	10.63		

DCB = DCB Decachlorobiphenyl

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

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 MS Lab Sample ID: 460-31552-5 MS
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/27/2011 11:35 Date Analyzed (2): 09/27/2011 11:35
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.37	2.30	2.44	260	280	1.0
		2	2.70	2.63	2.77	281		
		3	2.89	2.82	2.96	287		
		4	3.16	3.09	3.23	287		
		5	3.30	3.23	3.37	286		
		6	3.36	3.29	3.43	278		
		7	3.51	3.44	3.58	285		
		8	3.74	3.67	3.81	277		
	2	1	2.98	2.91	3.05	263	283	
		2	3.44	3.37	3.51	274		
		3	3.72	3.65	3.79	267		
		4	3.98	3.91	4.05	278		
		5	4.14	4.07	4.21	283		
		6	4.44	4.37	4.51	285		
		7	5.26	5.19	5.33	288		
		8	5.51	5.44	5.58	325		
PCB-1260	1	1	5.17	5.10	5.24	278	286	5.4
		2	5.51	5.44	5.58	273		
		3	5.86	5.79	5.93	267		
		4	6.01	5.93	6.07	273		
		5	6.33	6.26	6.40	411		
		6	7.30	7.23	7.37	260		
		7	7.46	7.39	7.53	263		
		8	8.68	8.61	8.75	266		
	2	1	6.39	6.32	6.46	266	271	
		2	6.72	6.66	6.80	267		
		3	7.36	7.29	7.43	275		
		4	7.56	7.49	7.63	277		
		5	7.67	7.60	7.74	276		
		7	9.39	9.32	9.46	267		
		8	10.07	10.00	10.14	271		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5 MSD
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/27/2011 11:52 Date Analyzed (2): 09/27/2011 11:52
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.37	2.30	2.44	257	272	1.3
		2	2.70	2.63	2.77	269		
		3	2.89	2.82	2.96	269		
		4	3.16	3.09	3.23	281		
		5	3.30	3.23	3.37	279		
		6	3.36	3.29	3.43	264		
		7	3.51	3.44	3.58	290		
		8	3.74	3.67	3.81	268		
	2	1	2.98	2.91	3.05	263	275	
		2	3.44	3.37	3.51	266		
		3	3.72	3.65	3.79	261		
		4	3.98	3.91	4.05	273		
		5	4.15	4.07	4.21	276		
		6	4.44	4.37	4.51	277		
		7	5.26	5.19	5.33	280		
		8	5.51	5.44	5.58	306		
PCB-1260	1	1	5.17	5.10	5.24	267	257	1.7
		2	5.51	5.44	5.58	261		
		3	5.86	5.79	5.93	254		
		4	6.01	5.93	6.07	263		
		5	6.33	6.26	6.40	263		
		6	7.30	7.23	7.37	245		
		7	7.46	7.39	7.53	247		
		8	8.68	8.61	8.75	259		
	2	1	6.39	6.32	6.46	258	262	
		2	6.73	6.66	6.80	258		
		3	7.36	7.29	7.43	266		
		4	7.56	7.49	7.63	268		
		5	7.67	7.60	7.74	272		
		7	9.39	9.32	9.46	255		
		8	10.07	10.00	10.14	256		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87367/2-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 09/27/2011 10:29 Date Analyzed (2): 09/27/2011 10:29
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.37	2.30	2.44	368	394	0.6
		2	2.70	2.63	2.77	389		
		3	2.89	2.82	2.96	401		
		4	3.16	3.09	3.23	409		
		5	3.30	3.23	3.37	395		
		6	3.36	3.29	3.43	405		
		7	3.52	3.44	3.58	387		
		8	3.74	3.67	3.81	395		
	2	1	2.98	2.91	3.05	389	391	
		2	3.44	3.37	3.51	389		
		3	3.72	3.65	3.79	388		
		4	3.98	3.91	4.05	398		
		5	4.15	4.07	4.21	401		
		6	4.45	4.37	4.51	392		
		7	5.26	5.19	5.33	381		
		8	5.51	5.44	5.58	393		
PCB-1260	1	1	5.17	5.10	5.24	388	375	0.4
		2	5.51	5.44	5.58	380		
		3	5.86	5.79	5.93	378		
		4	6.01	5.93	6.07	385		
		5	6.33	6.26	6.40	378		
		6	7.30	7.23	7.37	379		
		7	7.47	7.39	7.53	379		
		8	8.69	8.61	8.75	337		
	2	1	6.40	6.32	6.46	373	377	
		2	6.73	6.66	6.80	371		
		3	7.37	7.29	7.43	390		
		4	7.56	7.49	7.63	388		
		5	7.67	7.60	7.74	383		
		6	8.22	8.14	8.28	351		
		7	9.40	9.32	9.46	380		
		8	10.07	10.00	10.14	379		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88122/2-A
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/04/2011 20:48 Date Analyzed (2): 10/04/2011 20:48
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.10	2.03	2.17	338	340	0.9
		2	2.54	2.47	2.61	331		
		3	2.79	2.72	2.86	350		
		4	3.15	3.07	3.21	337		
		5	3.36	3.28	3.42	351		
		6	3.70	3.63	3.77	336		
		7	4.06	3.99	4.13	335		
		8	4.21	4.13	4.27	339		
	2	1	2.98	2.90	3.04	350	343	
		2	3.66	3.59	3.73	345		
		3	4.10	4.03	4.17	343		
		4	4.51	4.43	4.57	341		
		5	4.75	4.68	4.82	350		
		6	5.19	5.11	5.25	354		
		7	5.57	5.50	5.64	357		
		8	5.78	5.71	5.85	304		
PCB-1260	1	1	6.09	6.02	6.16	337	323	0.6
		2	6.54	6.47	6.61	328		
		3	6.99	6.91	7.05	330		
		4	7.18	7.11	7.25	327		
		5	7.62	7.55	7.69	336		
		7	9.14	9.06	9.20	281		
	2	1	7.49	7.41	7.55	327	325	
		2	7.80	7.72	7.86	335		
		3	8.27	8.19	8.33	334		
		4	9.39	9.31	9.45	328		
		5	9.51	9.43	9.57	317		
		6	9.95	9.87	10.01	334		
		7	10.64	10.57	10.71	330		
		8	11.11	11.04	11.18	296		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-A MS
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/04/2011 21:04 Date Analyzed (2): 10/04/2011 21:04
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.10	2.03	2.17	413	422	4.6
		2	2.54	2.47	2.61	415		
		3	2.79	2.72	2.86	375		
		4	3.15	3.07	3.21	436		
		5	3.35	3.28	3.42	448		
		6	3.70	3.63	3.77	419		
		7	4.06	3.99	4.13	432		
		8	4.21	4.13	4.27	441		
	2	1	2.97	2.90	3.04	431	442	
		2	3.66	3.59	3.73	447		
		3	4.10	4.03	4.17	440		
		4	4.50	4.43	4.57	444		
		5	4.75	4.68	4.82	452		
		6	5.18	5.11	5.25	446		
		7	5.57	5.50	5.64	467		
		8	5.78	5.71	5.85	409		
PCB-1260	1	1	6.09	6.02	6.16	414	418	3.1
		2	6.54	6.47	6.61	424		
		3	6.98	6.91	7.05	427		
		4	7.18	7.11	7.25	431		
		5	7.62	7.55	7.69	445		
		7	9.14	9.06	9.20	363		
	2	1	7.48	7.41	7.55	428	431	
		2	7.80	7.72	7.86	437		
		3	8.27	8.19	8.33	437		
		4	9.39	9.31	9.45	430		
		5	9.50	9.43	9.57	428		
		6	9.95	9.87	10.01	441		
		7	10.64	10.57	10.71	457		
		8	11.11	11.04	11.18	387		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-B MSD
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 10/04/2011 21:20 Date Analyzed (2): 10/04/2011 21:20
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.10	2.03	2.17	435	417	4.7
		2	2.54	2.47	2.61	403		
		3	2.79	2.72	2.86	365		
		4	3.15	3.07	3.21	424		
		5	3.35	3.28	3.42	433		
		6	3.70	3.63	3.77	422		
		7	4.06	3.99	4.13	418		
		8	4.21	4.13	4.27	435		
	2	1	2.97	2.90	3.04	459	437	
		2	3.66	3.59	3.73	436		
		3	4.10	4.03	4.17	429		
		4	4.50	4.43	4.57	432		
		5	4.75	4.68	4.82	439		
		6	5.18	5.11	5.25	428		
		7	5.57	5.50	5.64	473		
		8	5.78	5.71	5.85	398		
PCB-1260	1	1	6.09	6.02	6.16	424	408	1.3
		2	6.54	6.47	6.61	412		
		3	6.98	6.91	7.05	421		
		4	7.18	7.11	7.25	408		
		5	7.62	7.55	7.69	432		
		7	9.13	9.06	9.20	352		
	2	1	7.48	7.41	7.55	412	414	
		2	7.80	7.72	7.86	417		
		3	8.26	8.19	8.33	422		
		4	9.38	9.31	9.45	418		
		5	9.50	9.43	9.57	422		
		6	9.95	9.87	10.01	428		
		7	10.64	10.57	10.71	418		
		8	11.11	11.04	11.18	372		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
Matrix: Solid Lab File ID: vf465128.d
Analysis Method: 8082 Date Collected: 09/21/2011 11:05
Extraction Method: 3541 Date Extracted: 10/04/2011 10:57
Sample wt/vol: 15.00(g) Date Analyzed: 10/05/2011 00:46
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 12.5 GPC Cleanup: (Y/N) N
Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	91		30-150

Data File: vf465128.d
Report Date: 05-Oct-2011 12:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/vf465128.d
Lab Smp Id: 460-31552-D-4-D Client Smp ID: SO-17338-092111-MM-
Inj Date : 05-OCT-2011 00:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-31552-D-4-D
Misc Info : 460-31552-D-4-D
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/08Vf8082.m
Meth Date : 05-Oct-2011 12:35 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
Als bottle: 53
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
11.541	11.551	-0.010	4256122	45.2670	34 80.00- 120.00	100.00

Data File: vf465128.d

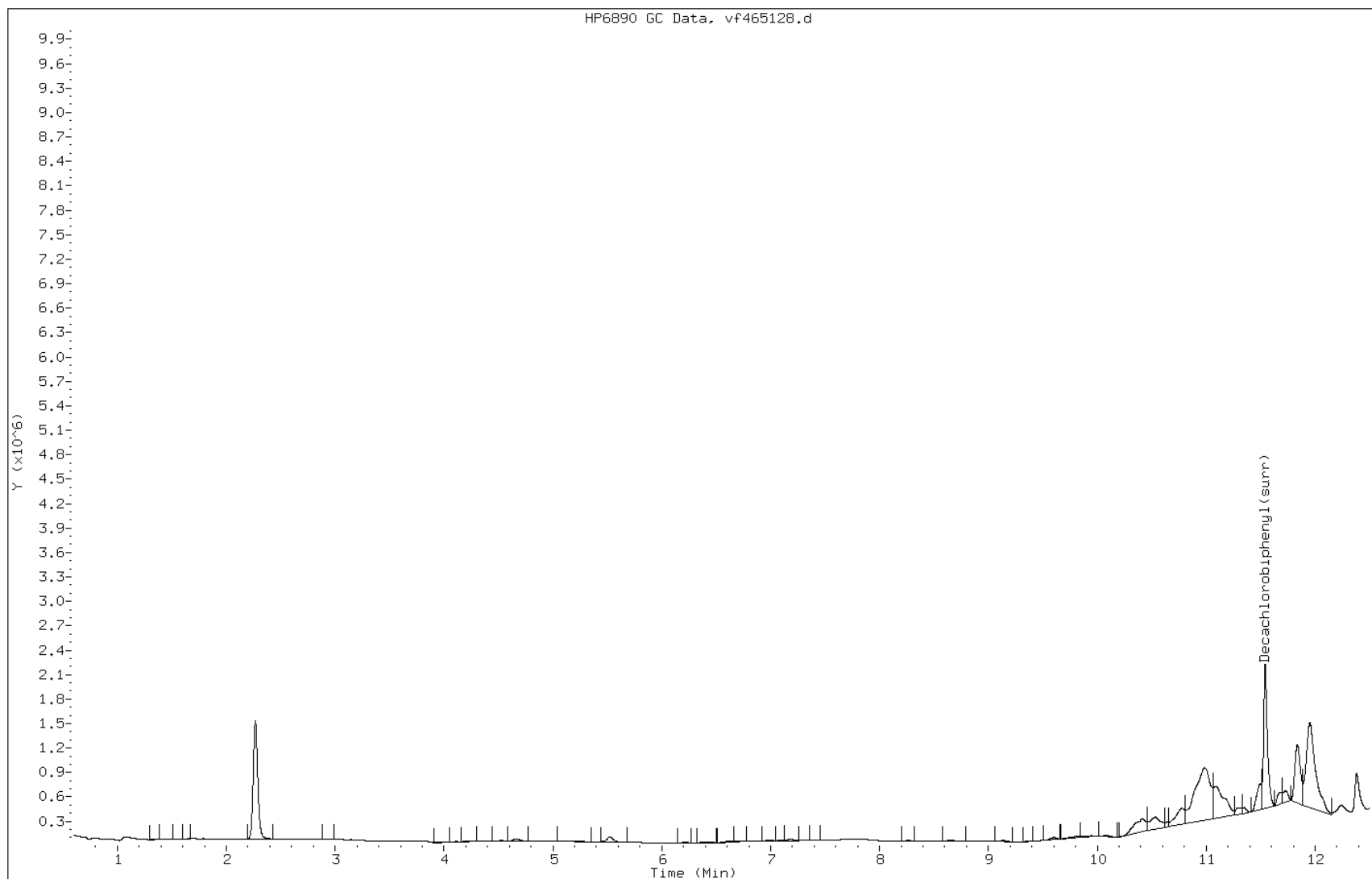
Date: 05-OCT-2011 00:46

Client ID: S0-17338-092111-MM-

Instrument: PESTGC9.i

Sample Info: 460-31552-D-4-D

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-042 Lab Sample ID: 460-31552-4
 Matrix: Solid Lab File ID: vr465128.d
 Analysis Method: 8082 Date Collected: 09/21/2011 11:05
 Extraction Method: 3541 Date Extracted: 10/04/2011 10:57
 Sample wt/vol: 15.00(g) Date Analyzed: 10/05/2011 00:46
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 12.5 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	77	U	77	15
11104-28-2	PCB-1221	77	U	77	23
11141-16-5	PCB-1232	77	U	77	43
53469-21-9	PCB-1242	77	U	77	15
12672-29-6	PCB-1248	77	U	77	20
11097-69-1	PCB-1254	77	U	77	26
11096-82-5	PCB-1260	77	U	77	8.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/vr465128.d
Lab Smp Id: 460-31552-D-4-D Client Smp ID: SO-17338-092111-MM-
Inj Date : 05-OCT-2011 00:46
Operator : 615 Inst ID: PESTGC9.i
Smp Info : 460-31552-D-4-D
Misc Info : 460-31552-D-4-D
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/08Vr8082.m
Meth Date : 05-Oct-2011 12:31 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 53
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.00000	Weight of sample extracted (g)
M	12.50000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.633	10.634	-0.001	6291825	42.2087	32 80.00- 120.00	100.00(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465128.d

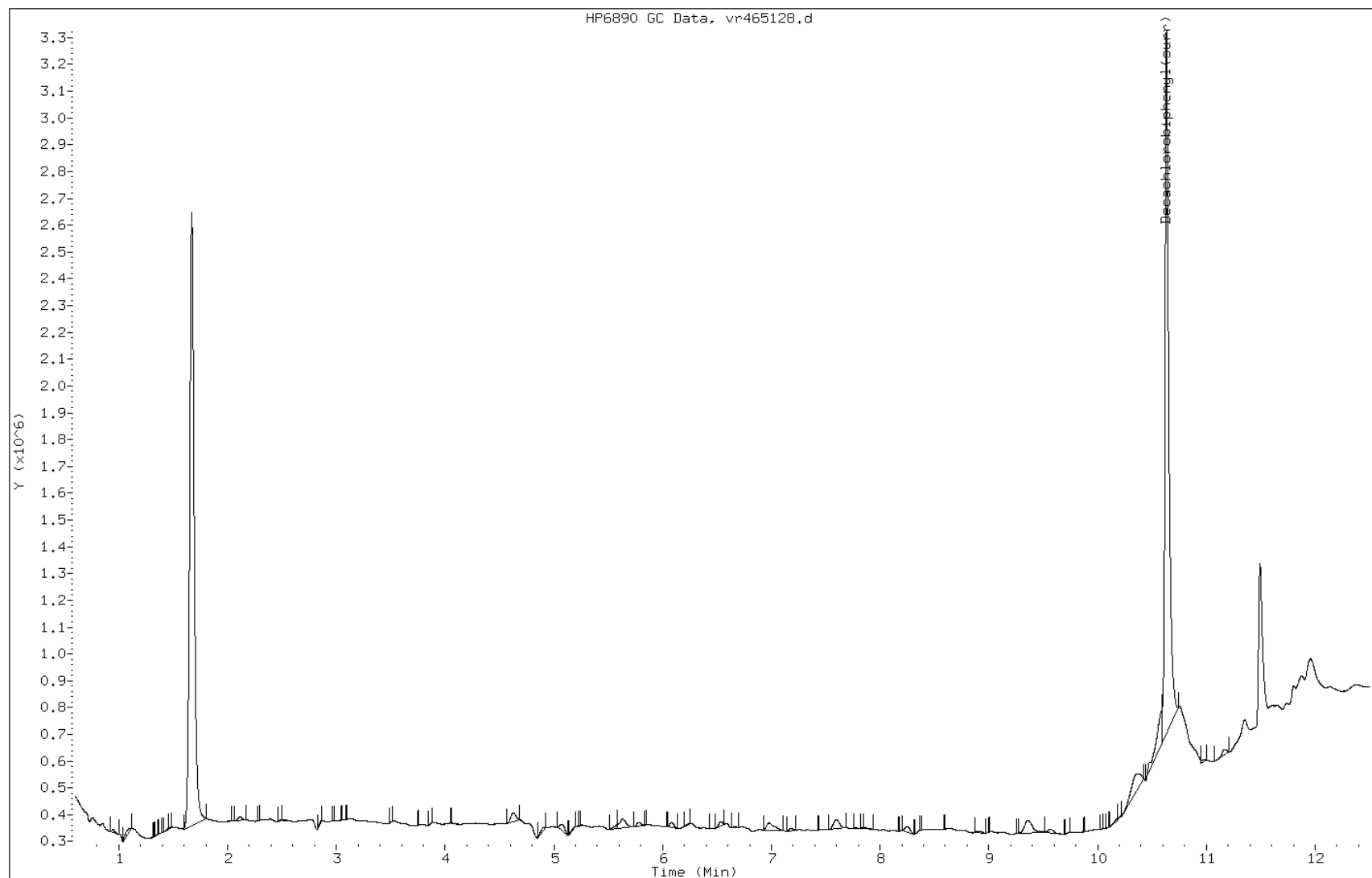
Date: 05-OCT-2011 00:46

Client ID: S0-17338-092111-MM-

Instrument: PESTGC9.i

Sample Info: 460-31552-D-4-D

Operator: 615



Manual Integration Report

Data File: vr465128.d
Inj. Date and Time: 05-OCT-2011 00:46
Instrument ID: PESTGC9.i
Client ID: S0-17338-092111-MM-
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/05/2011

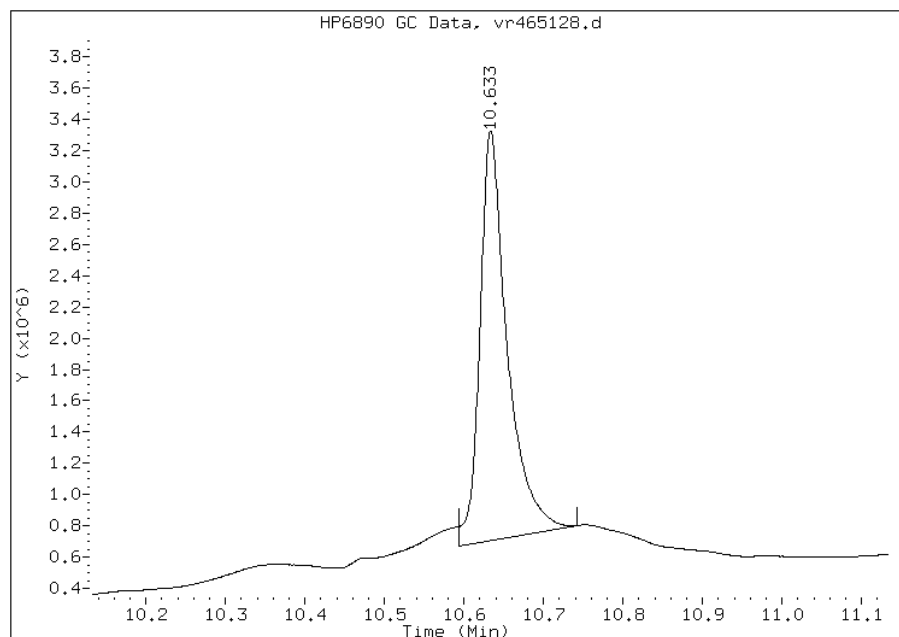
Processing Integration Results

Not Detected

Expected RT: 10.63

Manual Integration Results

RT: 10.63
Response: 6291825
Amount: 42.21
Conc: 32.16



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5
Matrix: Solid Lab File ID: of178030.d
Analysis Method: 8082 Date Collected: 09/21/2011 11:20
Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
Sample wt/vol: 15.04(g) Date Analyzed: 09/27/2011 10:46
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: 13.3 GPC Cleanup: (Y/N) N
Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	104		30-150

Data File: of178030.d
Report Date: 27-Sep-2011 12:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178030.d
Lab Smp Id: 460-31552-D-5-C Client Smp ID: SO-17338-092111-MM-
Inj Date : 27-SEP-2011 10:46
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31552-D-5-C
Misc Info : 460-31552-D-5-C
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
Meth Date : 27-Sep-2011 12:21 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: of177939.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.588	10.588	0.000	186149	52.1534	35 80.00- 120.00	100.00

Data File: of178030.d

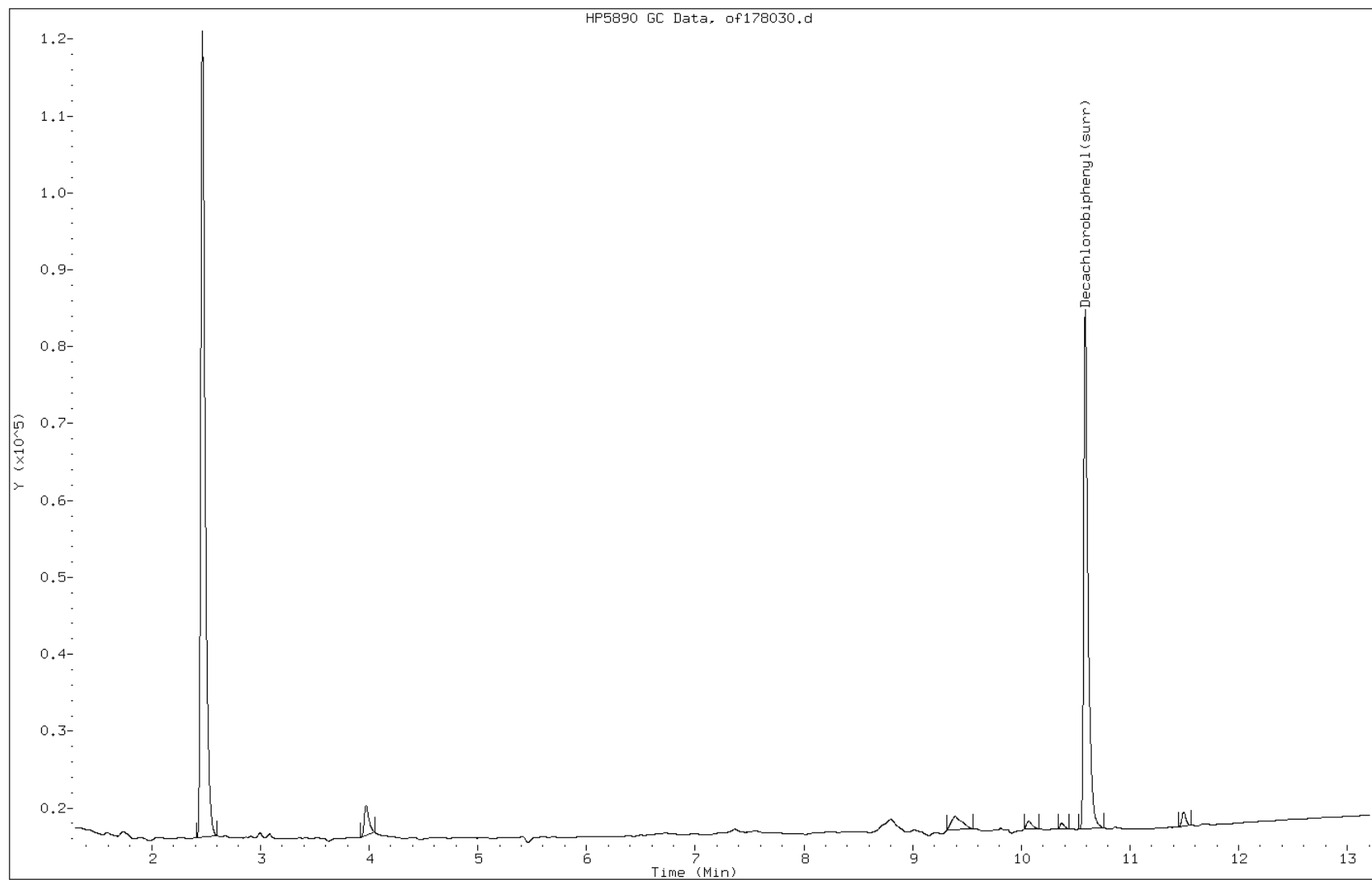
Date: 27-SEP-2011 10:46

Client ID: S0-17338-092111-MM-

Instrument: PESTGC7.i

Sample Info: 460-31552-D-5-C

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5
 Matrix: Solid Lab File ID: or178030.d
 Analysis Method: 8082 Date Collected: 09/21/2011 11:20
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.04(g) Date Analyzed: 09/27/2011 10:46
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	77	U	77	15
11104-28-2	PCB-1221	77	U	77	23
11141-16-5	PCB-1232	77	U	77	44
53469-21-9	PCB-1242	77	U	77	15
12672-29-6	PCB-1248	77	U	77	20
11097-69-1	PCB-1254	77	U	77	26
11096-82-5	PCB-1260	77	U	77	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	102		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178030.d
Lab Smp Id: 460-31552-D-5-C Client Smp ID: SO-17338-092111-MM-
Inj Date : 27-SEP-2011 10:46
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31552-D-5-C
Misc Info : 460-31552-D-5-C
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 12:17 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: or177939.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.04000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.452	9.452	0.000	153990	50.9059	34 80.00- 120.00	100.00

Data File: or178030.d

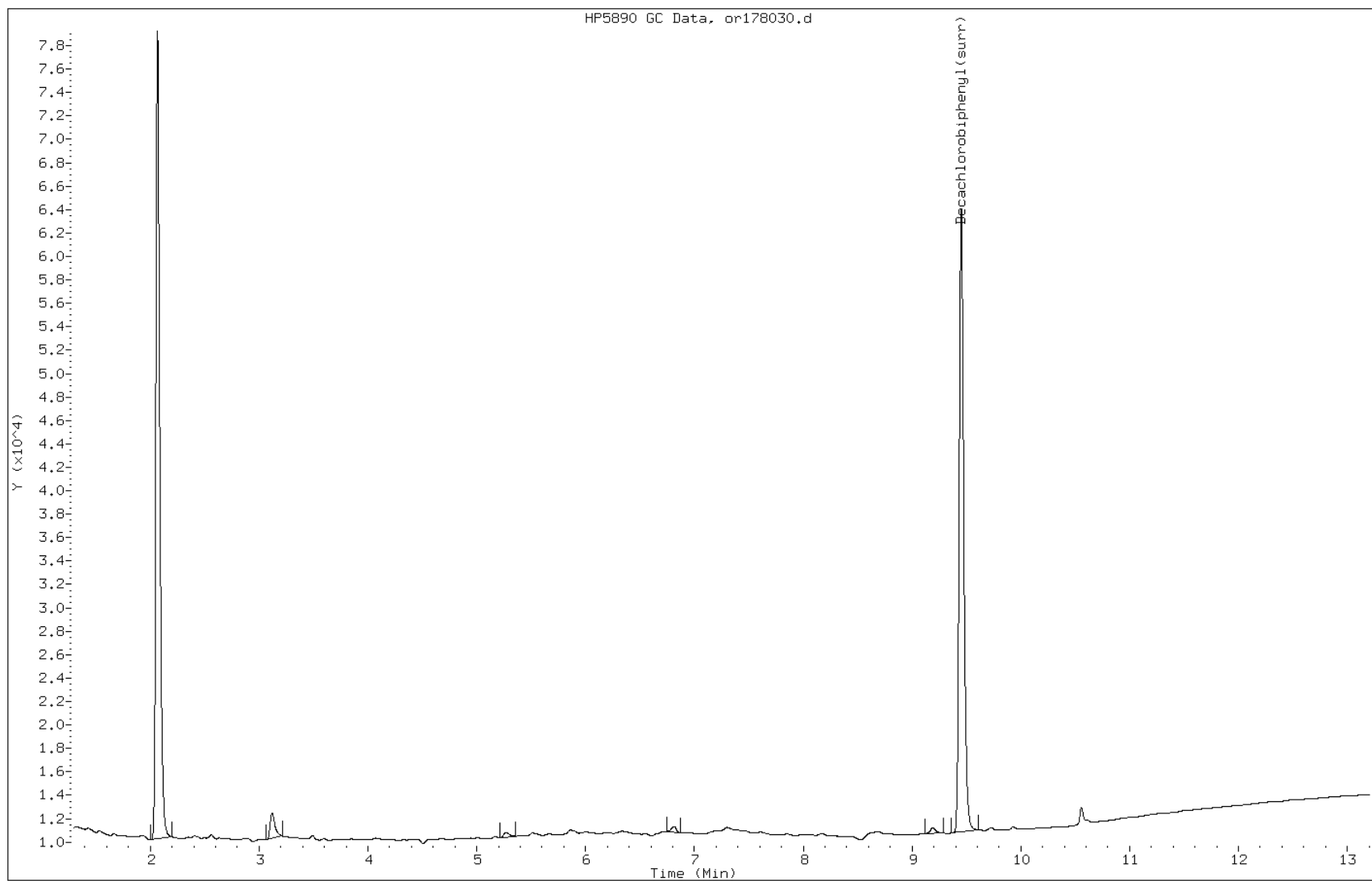
Date: 27-SEP-2011 10:46

Client ID: S0-17338-092111-MM-

Instrument: PESTGC7.i

Sample Info: 460-31552-D-5-C

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/6	of177928.d
Level 2	IC 460-87132/7	of177929.d
Level 3	IC 460-87132/8	of177930.d
Level 4	IC 460-87132/9	of177931.d
Level 5	IC 460-87132/10	of177932.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.975	2.973	2.973	2.975	2.970						2.903 - 3.043	2.973
PCB-1016 Peak 2	3.438	3.437	3.437	3.438	3.435						3.367 - 3.507	3.437
PCB-1016 Peak 3	3.718	3.717	3.717	3.718	3.713						3.647 - 3.787	3.717
PCB-1016 Peak 4	3.973	3.973	3.972	3.973	3.970						3.902 - 4.042	3.972
PCB-1016 Peak 5	4.140	4.140	4.138	4.140	4.137						4.068 - 4.208	4.139
PCB-1016 Peak 6	4.440	4.438	4.438	4.438	4.435						4.368 - 4.508	4.438
PCB-1016 Peak 7	5.257	5.255	5.255	5.257	5.253						5.185 - 5.325	5.255
PCB-1016 Peak 8	5.503	5.503	5.502	5.503	5.500						5.432 - 5.572	5.502
PCB-1260 Peak 1	6.388	6.387	6.387	6.387	6.383						6.317 - 6.457	6.386
PCB-1260 Peak 2	6.720	6.718	6.718	6.718	6.717						6.648 - 6.788	6.718
PCB-1260 Peak 3	7.358	7.357	7.357	7.357	7.353						7.287 - 7.427	7.356
PCB-1260 Peak 4	7.550	7.550	7.548	7.550	7.547						7.478 - 7.618	7.549
PCB-1260 Peak 5	7.663	7.662	7.662	7.662	7.660						7.592 - 7.732	7.662
PCB-1260 Peak 6	8.205	8.205	8.203	8.205	8.202						8.133 - 8.273	8.204
PCB-1260 Peak 7	9.390	9.388	9.388	9.388	9.387						9.318 - 9.458	9.388
PCB-1260 Peak 8	10.065	10.065	10.063	10.065	10.063						9.993 - 10.133	10.064
DCB Decachlorobiphenyl	10.585	10.585	10.583	10.585	10.583						10.483 - 10.683	10.584

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/6	of177928.d
Level 2	IC 460-87132/7	of177929.d
Level 3	IC 460-87132/8	of177930.d
Level 4	IC 460-87132/9	of177931.d
Level 5	IC 460-87132/10	of177932.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	107.10 112.16	136.77	124.38	120.44	Ave		120.167507				9.6		20.0			
PCB-1016 Peak 2	302.11 238.02	307.66	272.24	257.79	Ave		275.563667				10.7		20.0			
PCB-1016 Peak 3	121.80 116.15	138.40	129.51	121.80	Ave		125.533013				6.9		20.0			
PCB-1016 Peak 4	510.37 458.19	560.90	508.12	482.80	Ave		504.073747				7.6		20.0			
PCB-1016 Peak 5	207.08 194.81	237.19	214.94	200.38	Ave		210.879520				7.8		20.0			
PCB-1016 Peak 6	142.24 116.37	149.34	130.49	121.28	Ave		131.944480				10.5		20.0			
PCB-1016 Peak 7	122.69 113.53	131.86	128.67	127.85	Ave		124.918960				5.7		20.0			
PCB-1016 Peak 8	118.92 100.71	123.37	118.81	107.71	Ave		113.903347				8.2		20.0			
PCB-1260 Peak 1	348.10 300.36	365.47	349.64	319.41	Ave		336.595587				7.8		20.0			
PCB-1260 Peak 2	399.48 336.88	412.70	392.46	359.55	Ave		380.213613				8.2		20.0			
PCB-1260 Peak 3	480.25 481.29	596.51	561.28	522.27	Ave		528.319053				9.6		20.0			
PCB-1260 Peak 4	230.71 225.14	272.43	259.77	240.23	Ave		245.656013				8.1		20.0			
PCB-1260 Peak 5	120.30 137.91	157.06	153.99	143.12	Ave		142.476840				10.3		20.0			
PCB-1260 Peak 6	401.88 277.21	319.53	315.85	293.47	Ave		321.588640				14.9		20.0			
PCB-1260 Peak 7	377.62 343.00	398.43	383.99	352.88	Ave		371.182707				6.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12349

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	113.26 119.68	123.45	124.36	126.72	Ave		121.494533				4.3		20.0			
DCB Decachlorobiphenyl	3360.2 3388.1	3931.5	3643.4	3523.0	Ave		3569.25933				6.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12349

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/6	of177928.d
Level 2	IC 460-87132/7	of177929.d
Level 3	IC 460-87132/8	of177930.d
Level 4	IC 460-87132/9	of177931.d
Level 5	IC 460-87132/10	of177932.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	10710	68383	124377	180656	280393	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	30211	153831	272241	386681	595045	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	12180	69202	129512	182704	290366	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	51037	280450	508117	724193	1145466	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	20708	118597	214940	300564	487019	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	14224	74671	130488	181923	290926	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	12269	65929	128668	191775	283822	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	11892	61684	118807	161570	251771	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	34810	182737	349637	479108	750904	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	39948	206348	392457	539329	842206	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	48025	298255	561279	783406	1203214	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	23071	136214	259765	360349	562861	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	12030	78532	153987	214686	344773	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	40188	159767	315848	440211	693018	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	37762	199213	383993	529313	857498	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	11326	61726	124362	190084	299190	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	84005	196574	364344	528457	677626	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: of177928.d
Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177928.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 23-SEP-2011 09:19
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
Meth Date : 23-Sep-2011 14:06 shanthi
Cal Date : 23-SEP-2011 09:19
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177928.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.975	2.973	0.002	10710	100.000	89	80.00-	120.00	100.00(M)	
3.438	3.437	0.001	30211	100.000	110	225.67-	338.50	282.08	
3.718	3.717	0.001	12180	100.000	97	90.98-	136.47	113.73	
3.973	3.972	0.001	51037	100.000	100	381.23-	571.84	476.54	
4.140	4.138	0.002	20708	100.000	98	154.68-	232.02	193.35	
4.440	4.438	0.002	14224	100.000	110	106.25-	159.37	132.81	
5.257	5.255	0.002	12269	100.000	98	91.65-	137.47	114.56	
5.503	5.502	0.001	11892	100.000	100	88.83-	133.24	111.04	
Average of Peak Amounts =					101				

27 Aroclor-1260					CAS #: 11096-82-5				
6.388	6.387	0.001	34810	100.000	100	80.00-	120.00	100.00(M)	

Data File: of177928.d
 Report Date: 23-Sep-2011 14:06

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO		
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)									
6.720	6.718	0.002	39948	100.000	100	91.81-	137.71	114.76	
7.358	7.357	0.001	48025	100.000	91	110.37-	165.56	137.96	
7.550	7.548	0.002	23071	100.000	94	53.02-	79.53	66.28	
7.663	7.662	0.001	12030	100.000	84	27.65-	41.47	34.56	
8.205	8.203	0.002	40188	100.000	120	92.36-	138.54	115.45	
9.390	9.388	0.002	37762	100.000	100	86.78-	130.18	108.48	
10.065	10.063	0.002	11326	100.000	93	26.03-	39.04	32.54	
Average of Peak Amounts =					99.7				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
10.585	10.583	0.002	84005	25.0000	24	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of177928.d

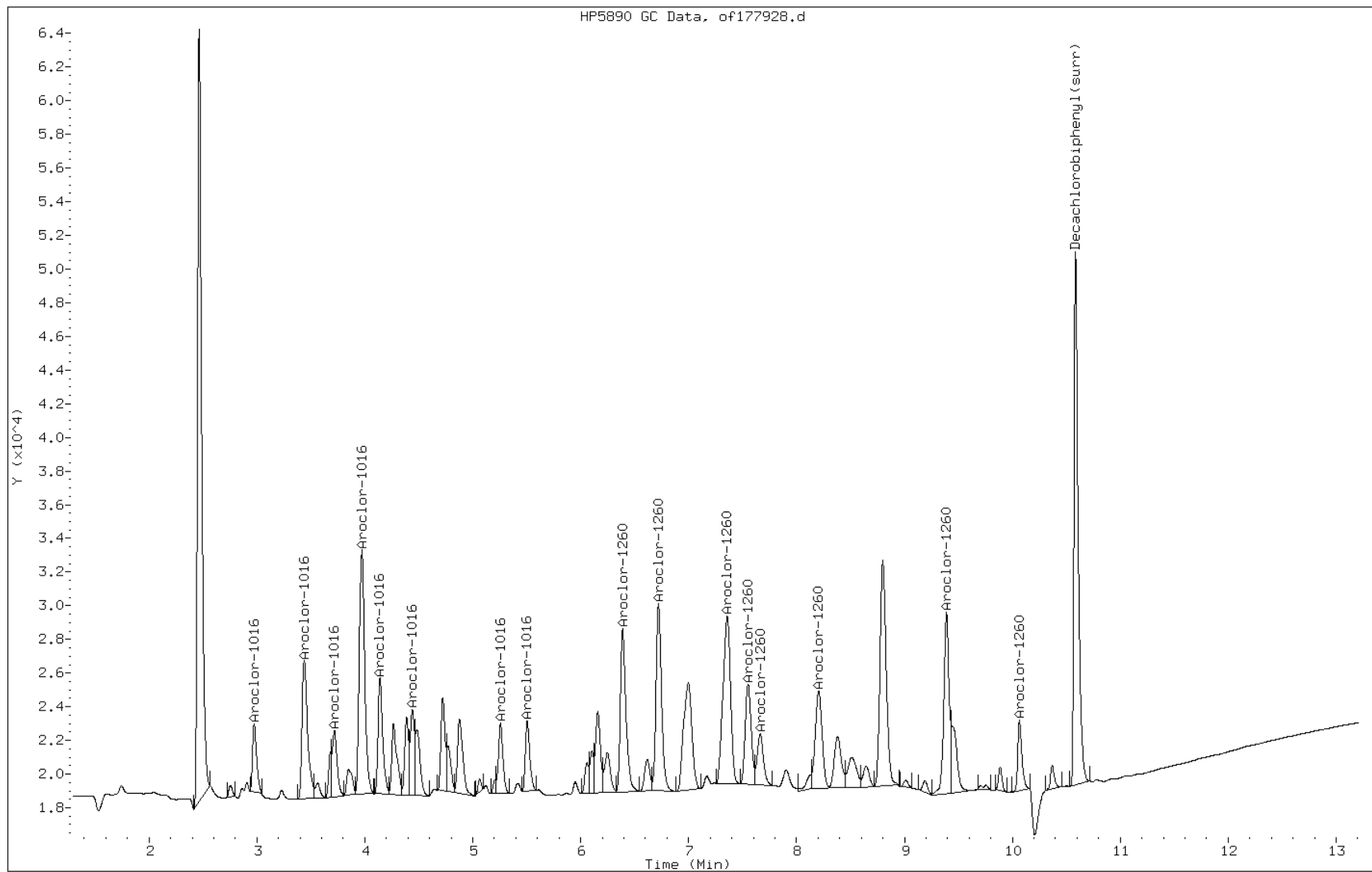
Date: 23-SEP-2011 09:19

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Data File: of177929.d
Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177929.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 23-SEP-2011 09:35
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
Meth Date : 23-Sep-2011 14:06 shanthi
Cal Date : 23-SEP-2011 09:35
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177929.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.973	2.973	0.000	68383 500.000	570	80.00- 120.00	100.00
3.437	3.437	0.000	153831 500.000	560	179.96- 269.95	224.96
3.717	3.717	0.000	69202 500.000	550	80.96- 121.44	101.20
3.973	3.972	0.001	280450 500.000	560	328.09- 492.14	410.12
4.140	4.138	0.002	118597 500.000	560	138.74- 208.12	173.43
4.438	4.438	0.000	74671 500.000	560	87.36- 131.03	109.20
5.255	5.255	0.000	65929 500.000	530	77.13- 115.69	96.41
5.503	5.502	0.001	61684 500.000	540	72.16- 108.24	90.20
Average of Peak Amounts =			554			
27 Aroclor-1260			CAS #: 11096-82-5			
6.387	6.387	0.000	182737 500.000	540	80.00- 120.00	100.00(M)

Data File: of177929.d
 Report Date: 23-Sep-2011 14:06

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.718	6.718	0.000	206348	500.000	540	90.34-	135.50	112.92	
7.357	7.357	0.000	298255	500.000	560	130.57-	195.86	163.22	
7.550	7.548	0.002	136214	500.000	550	59.63-	89.45	74.54	
7.662	7.662	0.000	78532	500.000	550	34.38-	51.57	42.98	
8.205	8.203	0.002	159767	500.000	500	69.94-	104.92	87.43	
9.388	9.388	0.000	199213	500.000	540	87.21-	130.82	109.02	
10.065	10.063	0.002	61726	500.000	510	27.02-	40.53	33.78	
Average of Peak Amounts =					537				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.585	10.583	0.002	196574	50.0000	55	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of177929.d

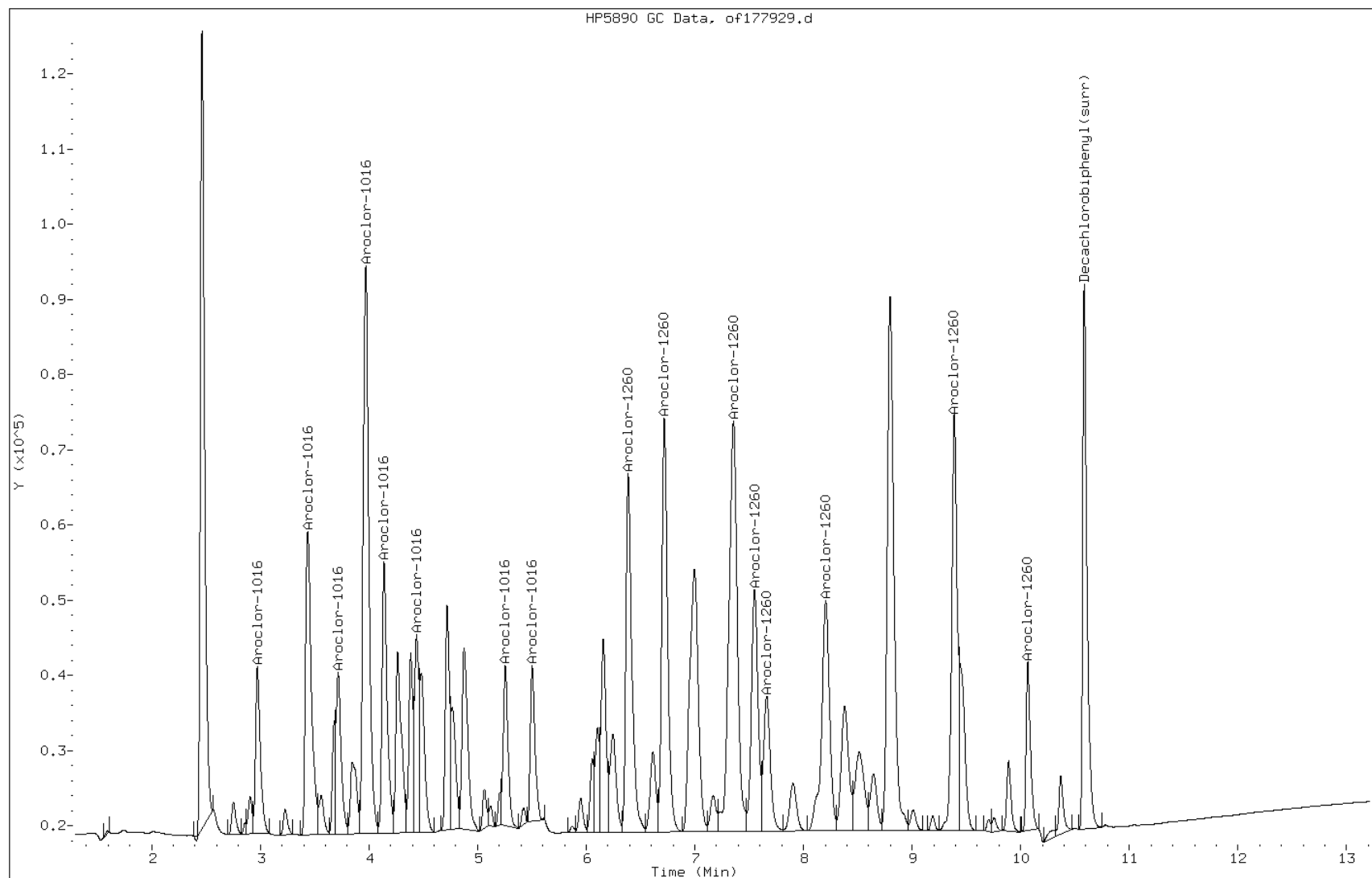
Date: 23-SEP-2011 09:35

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Data File: of177930.d
Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177930.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 23-SEP-2011 09:52
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
Meth Date : 23-Sep-2011 14:06 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177939.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.973	2.973	0.000	124377 1000.00	1000	80.00- 120.00	100.00
3.437	3.437	0.000	272241 1000.00	990	175.11- 262.66	218.88
3.717	3.717	0.000	129512 1000.00	1000	83.30- 124.95	104.13
3.972	3.972	0.000	508117 1000.00	1000	326.82- 490.24	408.53
4.138	4.138	0.000	214940 1000.00	1000	138.25- 207.38	172.81
4.438	4.438	0.000	130488 1000.00	990	83.93- 125.90	104.91
5.255	5.255	0.000	128668 1000.00	1000	82.76- 124.14	103.45
5.502	5.502	0.000	118807 1000.00	1000	76.42- 114.63	95.52
Average of Peak Amounts =				1.02e+03		
27 Aroclor-1260				CAS #: 11096-82-5		
6.387	6.387	0.000	349637 1000.00	1000	80.00- 120.00	100.00(M)

Data File: of177930.d
 Report Date: 23-Sep-2011 14:06

			AMOUNTS					
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.718	6.718	0.000	392457	1000.00	1000	89.80-	134.70	112.25
7.357	7.357	0.000	561279	1000.00	1100	128.43-	192.64	160.53
7.548	7.548	0.000	259765	1000.00	1000	59.44-	89.15	74.30
7.662	7.662	0.000	153987	1000.00	1100	35.23-	52.85	44.04
8.203	8.203	0.000	315848	1000.00	980	72.27-	108.40	90.34
9.388	9.388	0.000	383993	1000.00	1000	87.86-	131.79	109.83
10.063	10.063	0.000	124362	1000.00	1000	28.46-	42.68	35.57
Average of Peak Amounts =					1.04e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.583	10.583	0.000	364344	100.000	100	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of177930.d

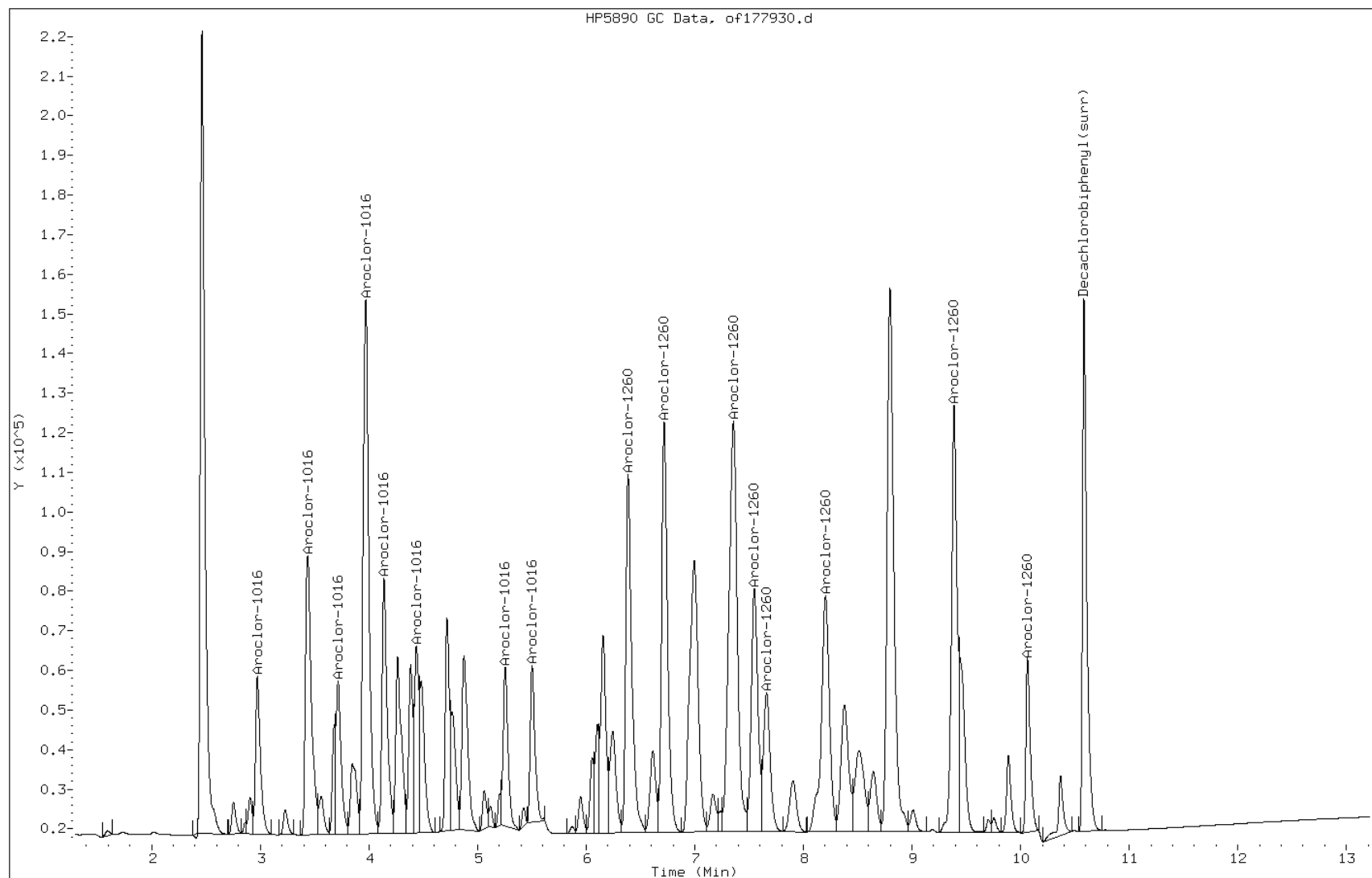
Date: 23-SEP-2011 09:52

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L3_00013

Operator: 615



Data File: of177931.d
Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177931.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 23-SEP-2011 10:08
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
Meth Date : 23-Sep-2011 14:06 shanthi
Cal Date : 23-SEP-2011 10:08
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177931.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.975	2.973	0.002	180656	1500.00	1500	80.00-	120.00	100.00
3.438	3.437	0.001	386681	1500.00	1400	171.23-	256.85	214.04
3.718	3.717	0.001	182704	1500.00	1400	80.91-	121.36	101.13
3.973	3.972	0.001	724193	1500.00	1400	320.69-	481.04	400.87
4.140	4.138	0.002	300564	1500.00	1400	133.10-	199.65	166.37
4.438	4.438	0.000	181923	1500.00	1400	80.56-	120.84	100.70
5.257	5.255	0.002	191775	1500.00	1500	84.92-	127.39	106.15
5.503	5.502	0.001	161570	1500.00	1400	71.55-	107.32	89.44
Average of Peak Amounts =					1.44e+03			

27 Aroclor-1260					CAS #: 11096-82-5			
6.387	6.387	0.000	479108	1500.00	1400	80.00-	120.00	100.00(M)

Data File: of177931.d
 Report Date: 23-Sep-2011 14:06

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.718	6.718	0.000	539329	1500.00	1400	90.06-	135.08	112.57	
7.357	7.357	0.000	783406	1500.00	1500	130.81-	196.22	163.51	
7.550	7.548	0.002	360349	1500.00	1500	60.17-	90.25	75.21	
7.662	7.662	0.000	214686	1500.00	1500	35.85-	53.77	44.81	
8.205	8.203	0.002	440211	1500.00	1400	73.51-	110.26	91.88	
9.388	9.388	0.000	529313	1500.00	1400	88.38-	132.57	110.48	
10.065	10.063	0.002	190084	1500.00	1600	31.74-	47.61	39.67	
Average of Peak Amounts =					1.46e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.585	10.583	0.002	528457	150.000	150	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of177931.d

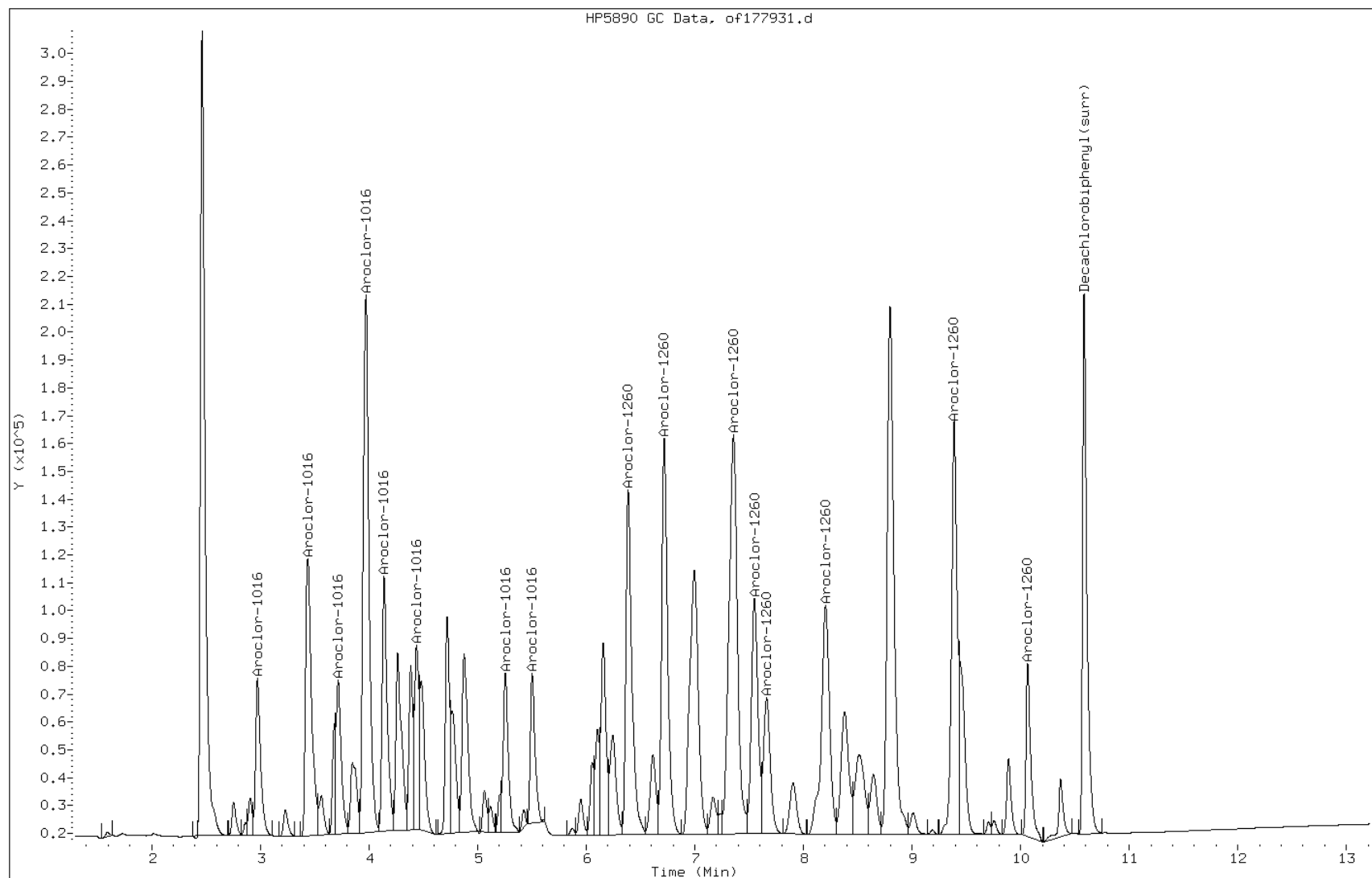
Date: 23-SEP-2011 10:08

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L4_00010

Operator: 615



Data File: of177932.d
 Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177932.d
 Lab Smp Id: IC-SG1660L5_00010
 Inj Date : 23-SEP-2011 10:24
 Operator : 615
 Smp Info : IC-SG1660L5_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
 Meth Date : 23-Sep-2011 14:06 shanthi
 Cal Date : 23-SEP-2011 10:24
 Als bottle: 10
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3
 Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of177932.d
 Calibration Sample, Level: 5
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.970	2.973	-0.003		280393	2500.00	2300	80.00-	120.00	100.00
3.435	3.437	-0.002		595045	2500.00	2200	169.77-	254.66	212.22
3.713	3.717	-0.004		290366	2500.00	2300	82.85-	124.27	103.56
3.970	3.972	-0.002		1145466	2500.00	2300	326.82-	490.23	408.52
4.137	4.138	-0.001		487019	2500.00	2300	138.95-	208.43	173.69
4.435	4.438	-0.003		290926	2500.00	2200	83.01-	124.51	103.76
5.253	5.255	-0.002		283822	2500.00	2300	80.98-	121.47	101.22
5.500	5.502	-0.002		251771	2500.00	2200	71.83-	107.75	89.79
Average of Peak Amounts =					2.26e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.383	6.387	-0.004		750904	2500.00	2200	80.00-	120.00	100.00(M)

Data File: of177932.d
 Report Date: 23-Sep-2011 14:06

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.717	6.718	-0.001	842206	2500.00	2200	89.73-	134.59	112.16	
7.353	7.357	-0.004	1203214	2500.00	2300	128.19-	192.28	160.24	
7.547	7.548	-0.001	562861	2500.00	2300	59.97-	89.95	74.96	
7.660	7.662	-0.002	344773	2500.00	2400	36.73-	55.10	45.91	
8.202	8.203	-0.001	693018	2500.00	2200	73.83-	110.75	92.29	
9.387	9.388	-0.001	857498	2500.00	2300	91.36-	137.03	114.20	
10.063	10.063	0.000	299190	2500.00	2500	31.88-	47.81	39.84	
Average of Peak Amounts =					2.3e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.583	10.583	0.000	677626	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of177932.d

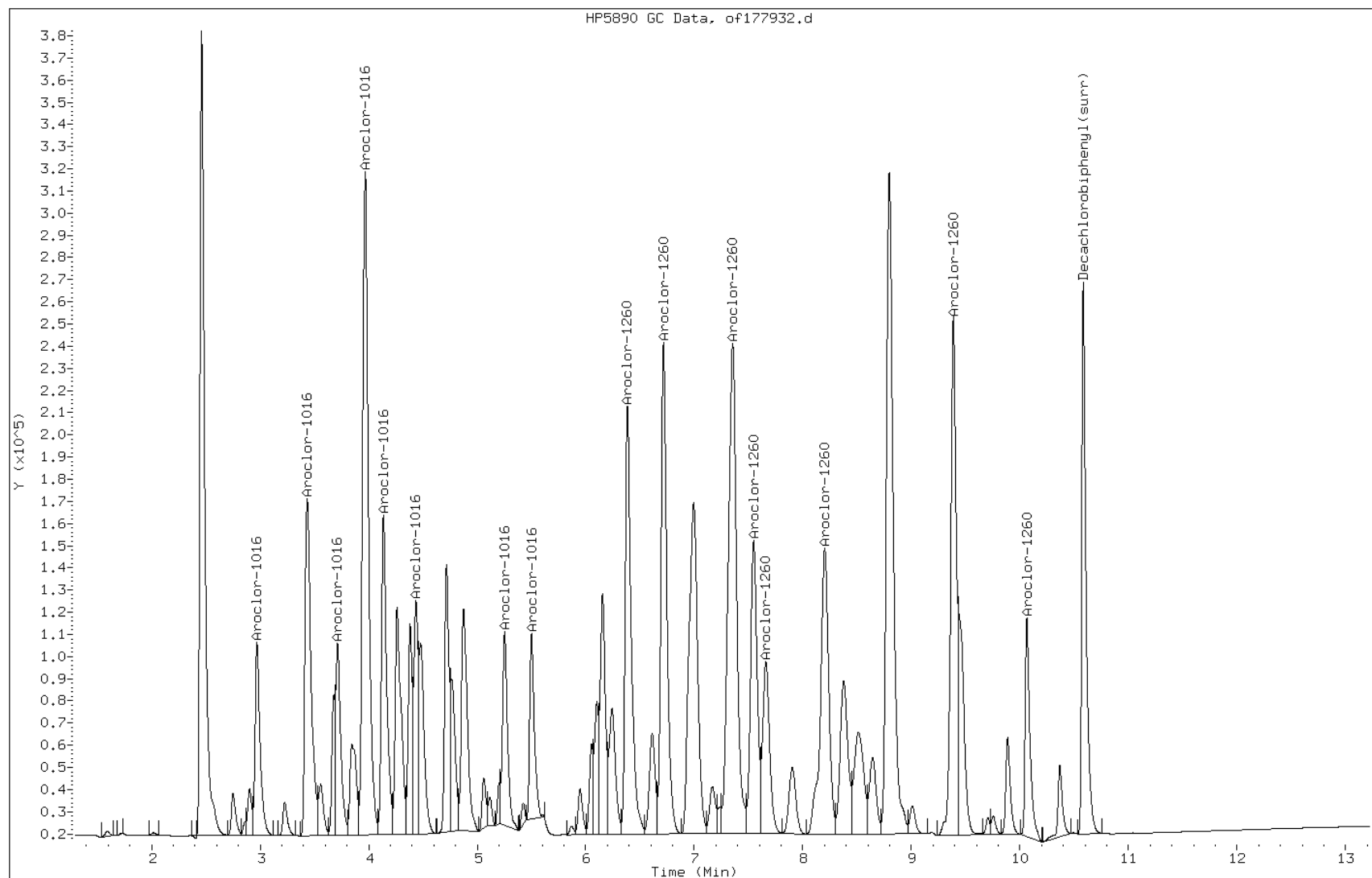
Date: 23-SEP-2011 10:24

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L5_00010

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/6	or177928.d
Level 2	IC 460-87132/7	or177929.d
Level 3	IC 460-87132/8	or177930.d
Level 4	IC 460-87132/9	or177931.d
Level 5	IC 460-87132/10	or177932.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.370	2.370	2.368	2.370	2.368						2.298 - 2.438	2.369
PCB-1016 Peak 2	2.700	2.700	2.698	2.700	2.698						2.628 - 2.768	2.699
PCB-1016 Peak 3	2.895	2.893	2.893	2.893	2.892						2.823 - 2.963	2.893
PCB-1016 Peak 4	3.158	3.157	3.157	3.158	3.157						3.087 - 3.227	3.157
PCB-1016 Peak 5	3.303	3.302	3.302	3.302	3.300						3.232 - 3.372	3.302
PCB-1016 Peak 6	3.365	3.365	3.365	3.365	3.365						3.295 - 3.435	3.365
PCB-1016 Peak 7	3.517	3.517	3.517	3.518	3.517						3.447 - 3.587	3.517
PCB-1016 Peak 8	3.747	3.745	3.743	3.745	3.743						3.673 - 3.813	3.745
PCB-1260 Peak 1	5.175	5.173	5.172	5.173	5.172						5.102 - 5.242	5.173
PCB-1260 Peak 2	5.518	5.517	5.517	5.517	5.517						5.447 - 5.587	5.517
PCB-1260 Peak 3	5.865	5.863	5.863	5.863	5.863						5.793 - 5.933	5.864
PCB-1260 Peak 4	6.013	6.012	6.010	6.012	6.010						5.940 - 6.080	6.011
PCB-1260 Peak 5	6.342	6.342	6.340	6.340	6.340						6.270 - 6.410	6.341
PCB-1260 Peak 6	7.308	7.308	7.307	7.308	7.307						7.237 - 7.377	7.308
PCB-1260 Peak 7	7.473	7.473	7.472	7.472	7.470						7.402 - 7.542	7.472
PCB-1260 Peak 8	8.692	8.692	8.690	8.690	8.690						8.620 - 8.760	8.691
DCB Decachlorobiphenyl	9.460	9.460	9.458	9.460	9.458						9.358 - 9.558	9.459

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/6	or177928.d
Level 2	IC 460-87132/7	or177929.d
Level 3	IC 460-87132/8	or177930.d
Level 4	IC 460-87132/9	or177931.d
Level 5	IC 460-87132/10	or177932.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	104.67 81.257	103.72	92.567	88.432	Ave		94.1291600				10.7		20.0			
PCB-1016 Peak 2	175.55 133.62	175.93	153.71	145.50	Ave		156.862827				11.9		20.0			
PCB-1016 Peak 3	98.410 99.330	120.36	109.28	105.26	Ave		106.527053				8.4		20.0			
PCB-1016 Peak 4	321.44 295.03	355.22	323.80	313.34	Ave		321.767800				6.8		20.0			
PCB-1016 Peak 5	127.83 113.77	140.34	125.73	121.88	Ave		125.909133				7.7		20.0			
PCB-1016 Peak 6	70.980 83.991	92.982	89.464	87.453	Ave		84.9740267				10.0		20.0			
PCB-1016 Peak 7	169.61 128.39	166.34	144.58	136.27	Ave		149.038547				12.2		20.0			
PCB-1016 Peak 8	137.13 117.47	145.53	131.70	126.05	Ave		131.574520				8.1		20.0			
PCB-1260 Peak 1	195.04 162.64	196.92	191.88	167.41	Ave		182.777707				9.0		20.0			
PCB-1260 Peak 2	364.74 291.47	359.29	344.83	307.86	Ave		333.636240				9.7		20.0			
PCB-1260 Peak 3	319.53 288.46	340.77	332.73	300.59	Ave		316.415693				6.9		20.0			
PCB-1260 Peak 4	160.19 132.91	158.32	153.87	137.40	Ave		148.536520				8.4		20.0			
PCB-1260 Peak 5	167.59 146.59	174.44	169.31	152.22	Ave		162.029120				7.4		20.0			
PCB-1260 Peak 6	172.53 188.70	218.13	214.37	199.48	Ave		198.643827				9.4		20.0			
PCB-1260 Peak 7	89.580 96.237	105.43	106.16	99.533	Ave		99.3874267				6.9		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12348

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	89.830 90.486	102.11	106.00	93.820	Ave		96.4494800				7.5		20.0			
DCB Decachlorobiphenyl	2919.0 2780.9	3385.5	3120.1	2919.4	Ave		3024.99033				7.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 09:19 Calibration End Date: 09/23/2011 10:24 Calibration ID: 12348

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/6	or177928.d
Level 2	IC 460-87132/7	or177929.d
Level 3	IC 460-87132/8	or177930.d
Level 4	IC 460-87132/9	or177931.d
Level 5	IC 460-87132/10	or177932.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	10467	51860	92567	132648	203142	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	17555	87963	153714	218255	334052	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	9841	60179	109281	157885	248324	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	32144	177610	323801	470016	737585	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	12783	70170	125725	182818	284430	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	7098	46491	89464	131180	209977	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	16961	83172	144579	204398	320986	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	13713	72766	131695	189075	293664	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	19504	98461	191878	251114	406598	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	36474	179645	344828	461787	728663	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	31953	170384	332725	450886	721162	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	16019	79158	153871	206097	332269	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	16759	87218	169308	228330	366479	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	17253	109067	214369	299225	471757	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	8958	52716	106155	149300	240592	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	8983	51056	105999	140730	226216	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	72976	169275	312012	437911	556177	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177928.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 23-SEP-2011 09:19
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.370	2.368	0.002	10467 100.000	110 80.00- 120.00	100.00(M)	
2.700	2.698	0.002	17555 100.000	110 131.55- 197.33	167.72	
2.895	2.893	0.002	9841 100.000	92 97.79- 146.69	94.02	
3.158	3.157	0.001	32144 100.000	100 290.47- 435.71	307.10	
3.303	3.302	0.001	12783 100.000	100 112.01- 168.02	122.13	
3.365	3.365	0.000	7098 100.000	84 82.69- 124.04	67.81	
3.517	3.517	0.000	16961 100.000	110 126.41- 189.61	162.04	
3.747	3.743	0.004	13713 100.000	100 115.65- 173.47	131.01	
Average of Peak Amounts =			102			
27 Aroclor-1260			CAS #: 11096-82-5			
5.175	5.172	0.003	19504 100.000	110 80.00- 120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.518	5.517	0.001	36474	100.000	110	143.37-	215.05	187.01	
5.865	5.863	0.002	31953	100.000	100	141.89-	212.84	163.83	
6.013	6.010	0.003	16019	100.000	110	65.38-	98.06	82.13	
6.342	6.340	0.002	16759	100.000	100	72.11-	108.16	85.93	
7.308	7.307	0.001	17253	100.000	87	92.82-	139.23	88.46	
7.473	7.472	0.001	8958	100.000	90	47.34-	71.01	45.93	
8.692	8.690	0.002	8983	100.000	93	44.51-	66.76	46.06	
Average of Peak Amounts =					99.8				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.460	9.458	0.002	72976	25.0000	24	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: or177928.d
Inj. Date and Time: 23-SEP-2011 09:19
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/23/2011

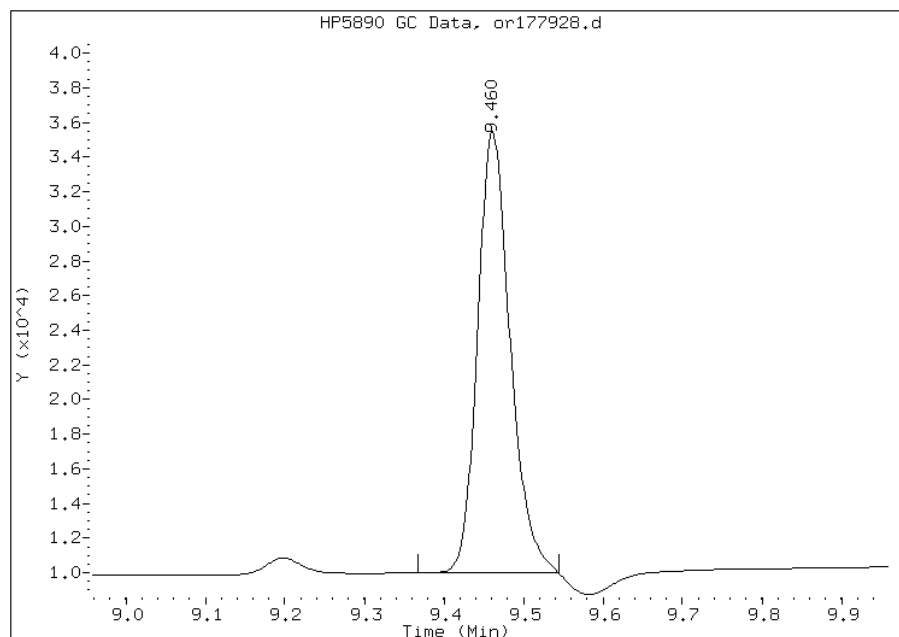
Processing Integration Results

Not Detected

Expected RT: 9.46

Manual Integration Results

RT: 9.46
Response: 72976
Amount: 24.12
Conc: 24.12



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177929.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 23-SEP-2011 09:35
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.370	2.368	0.002	51860 500.000	550 80.00- 120.00	100.00(M)	
2.700	2.698	0.002	87963 500.000	560 131.55- 197.33	169.62	
2.893	2.893	0.000	60179 500.000	560 97.79- 146.69	116.04	
3.157	3.157	0.000	177610 500.000	550 290.47- 435.71	342.48	
3.302	3.302	0.000	70170 500.000	560 112.01- 168.02	135.31	
3.365	3.365	0.000	46491 500.000	550 82.69- 124.04	89.65	
3.517	3.517	0.000	83172 500.000	560 126.41- 189.61	160.38	
3.745	3.743	0.002	72766 500.000	550 115.65- 173.47	140.31	
Average of Peak Amounts =			556			
27 Aroclor-1260			CAS #: 11096-82-5			
5.173	5.172	0.001	98461 500.000	540 80.00- 120.00	100.00	

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.517	5.517	0.000	179645	500.000	540	143.37-	215.05	182.45	
5.863	5.863	0.000	170384	500.000	540	141.89-	212.84	173.05	
6.012	6.010	0.002	79158	500.000	530	65.38-	98.06	80.40	
6.342	6.340	0.002	87218	500.000	540	72.11-	108.16	88.58	
7.308	7.307	0.001	109067	500.000	550	92.82-	139.23	110.77	
7.473	7.472	0.001	52716	500.000	530	47.34-	71.01	53.54	
8.692	8.690	0.002	51056	500.000	530	44.51-	66.76	51.85	
Average of Peak Amounts =					537				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.460	9.458	0.002	169275	50.0000	56	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177929.d

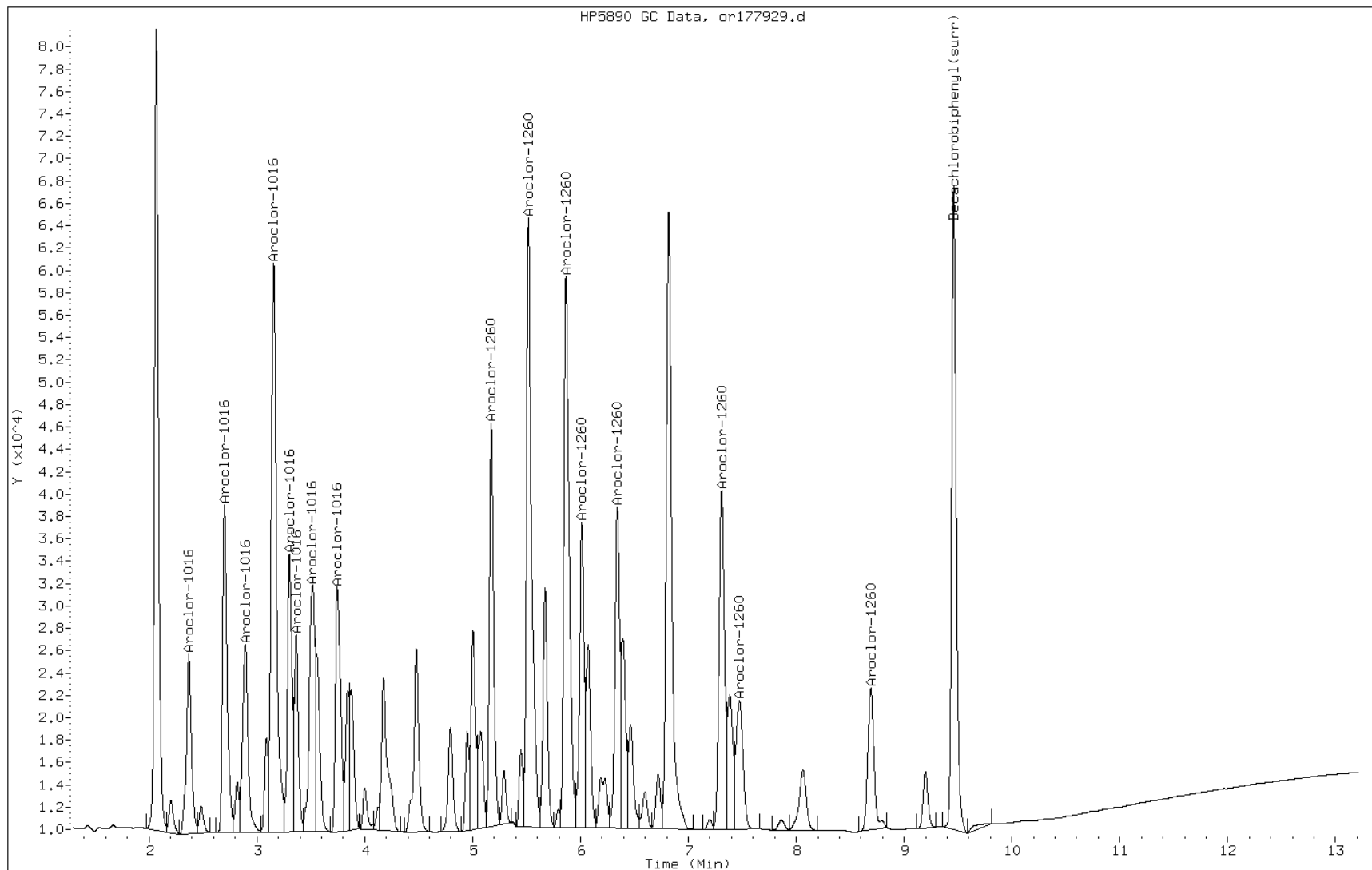
Date: 23-SEP-2011 09:35

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L2_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177930.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 23-SEP-2011 09:52
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.368	2.368	0.000	92567 1000.00	980 80.00- 120.00	100.00(M)	
2.698	2.698	0.000	153714 1000.00	980 131.55- 197.33	166.06	
2.893	2.893	0.000	109281 1000.00	1000 97.79- 146.69	118.06	
3.157	3.157	0.000	323801 1000.00	1000 290.47- 435.71	349.80	
3.302	3.302	0.000	125725 1000.00	1000 112.01- 168.02	135.82	
3.365	3.365	0.000	89464 1000.00	1000 82.69- 124.04	96.65	
3.517	3.517	0.000	144579 1000.00	970 126.41- 189.61	156.19	
3.743	3.743	0.000	131695 1000.00	1000 115.65- 173.47	142.27	
Average of Peak Amounts =			1e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
5.172	5.172	0.000	191878 1000.00	1000 80.00- 120.00	100.00	

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO		
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)									
5.517	5.517	0.000	344828	1000.00	1000	143.37-	215.05	179.71	
5.863	5.863	0.000	332725	1000.00	1000	141.89-	212.84	173.40	
6.010	6.010	0.000	153871	1000.00	1000	65.38-	98.06	80.19	
6.340	6.340	0.000	169308	1000.00	1000	72.11-	108.16	88.24	
7.307	7.307	0.000	214369	1000.00	1100	92.82-	139.23	111.72	
7.472	7.472	0.000	106155	1000.00	1100	47.34-	71.01	55.32	
8.690	8.690	0.000	105999	1000.00	1100	44.51-	66.76	55.24	
Average of Peak Amounts =					1.06e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.458	9.458	0.000	312012	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177930.d

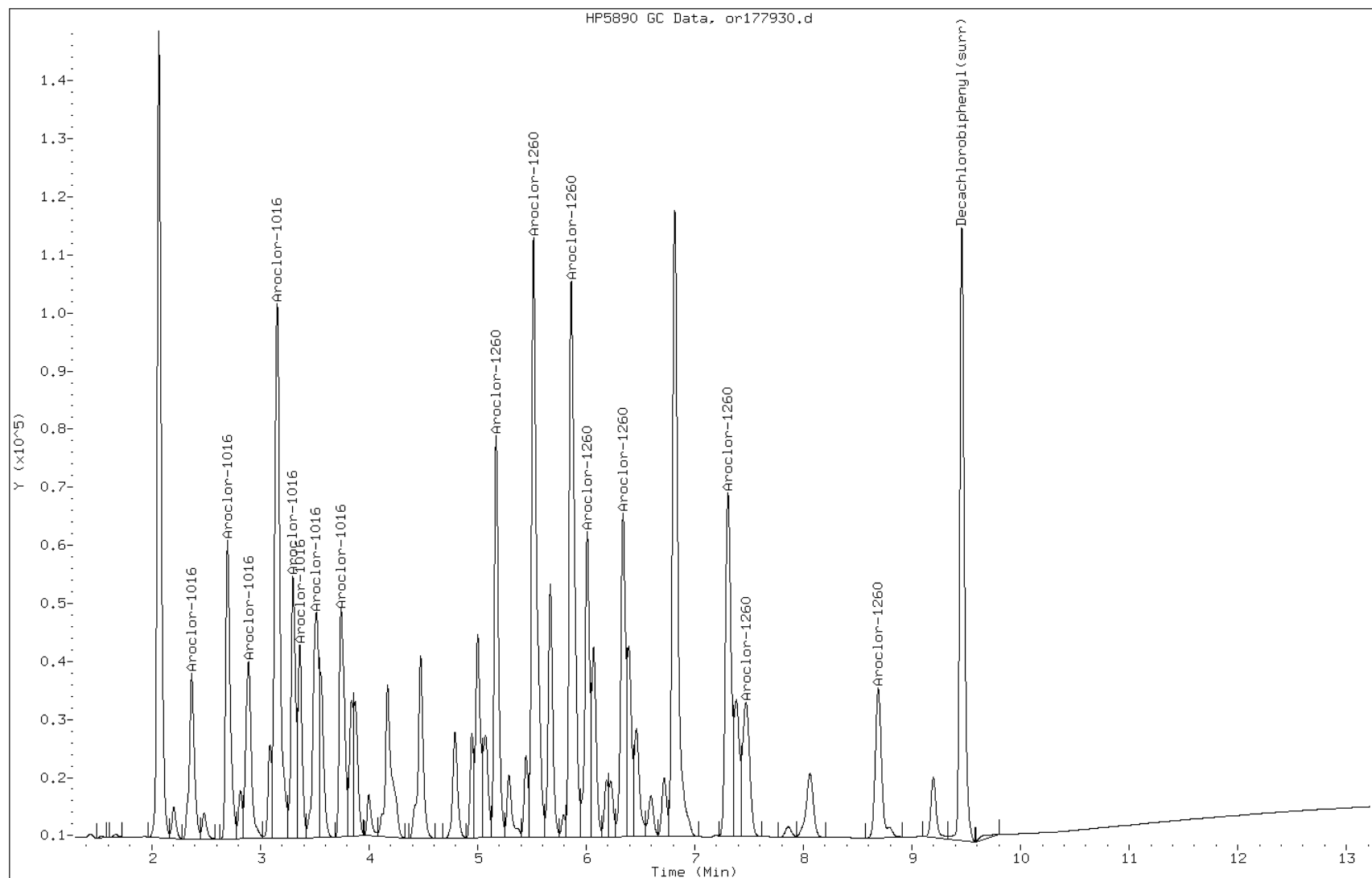
Date: 23-SEP-2011 09:52

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L3_00013

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177931.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 23-SEP-2011 10:08
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.370	2.368	0.002	132648 1500.00	1400	80.00- 120.00	100.00(M)
2.700	2.698	0.002	218255 1500.00	1400	131.55- 197.33	164.54
2.893	2.893	0.000	157885 1500.00	1500	97.79- 146.69	119.03
3.158	3.157	0.001	470016 1500.00	1500	290.47- 435.71	354.33
3.302	3.302	0.000	182818 1500.00	1400	112.01- 168.02	137.82
3.365	3.365	0.000	131180 1500.00	1500	82.69- 124.04	98.89
3.518	3.517	0.001	204398 1500.00	1400	126.41- 189.61	154.09
3.745	3.743	0.002	189075 1500.00	1400	115.65- 173.47	142.54
Average of Peak Amounts =			1.44e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
5.173	5.172	0.001	251114 1500.00	1400	80.00- 120.00	100.00

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.517	5.517	0.000	461787	1500.00	1400	143.37-	215.05	183.90	
5.863	5.863	0.000	450886	1500.00	1400	141.89-	212.84	179.55	
6.012	6.010	0.002	206097	1500.00	1400	65.38-	98.06	82.07	
6.340	6.340	0.000	228330	1500.00	1400	72.11-	108.16	90.93	
7.308	7.307	0.001	299225	1500.00	1500	92.82-	139.23	119.16	
7.472	7.472	0.000	149300	1500.00	1500	47.34-	71.01	59.46	
8.690	8.690	0.000	140730	1500.00	1400	44.51-	66.76	56.04	
Average of Peak Amounts =					1.43e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.460	9.458	0.002	437911	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177931.d

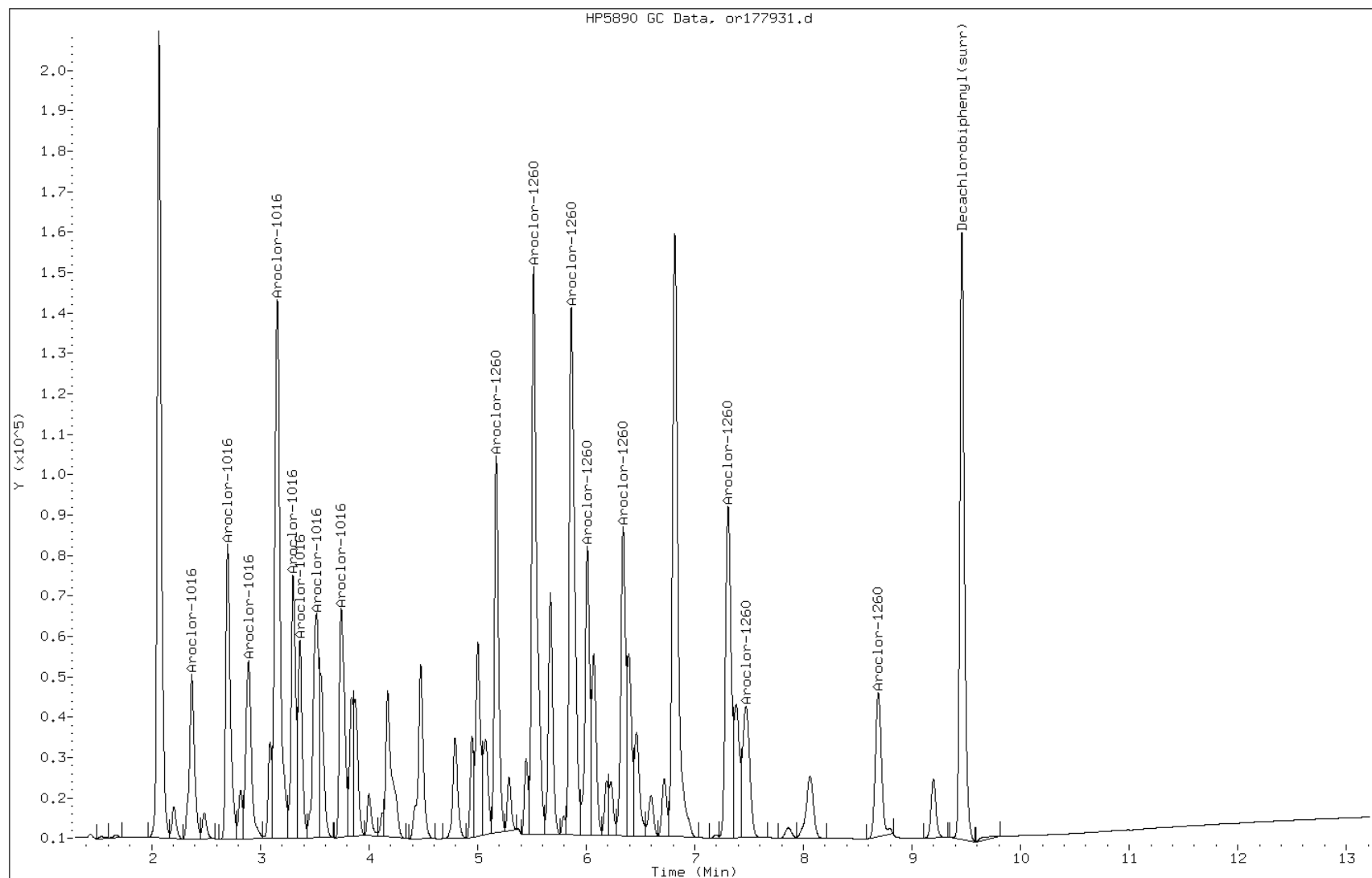
Date: 23-SEP-2011 10:08

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177932.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 23-SEP-2011 10:24
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	CAL - AMT		ON - COL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE	(ug/L)	(ug/L)		=====		=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.368	2.368	0.000	203142	2500.00	2200	80.00-	120.00	100.00(M)	
2.698	2.698	0.000	334052	2500.00	2100	131.55-	197.33	164.44	
2.892	2.893	-0.001	248324	2500.00	2300	97.79-	146.69	122.24	
3.157	3.157	0.000	737585	2500.00	2300	290.47-	435.71	363.09	
3.300	3.302	-0.002	284430	2500.00	2200	112.01-	168.02	140.02	
3.365	3.365	0.000	209977	2500.00	2500	82.69-	124.04	103.36	
3.517	3.517	0.000	320986	2500.00	2200	126.41-	189.61	158.01	
3.743	3.743	0.000	293664	2500.00	2200	115.65-	173.47	144.56	
Average of Peak Amounts =					2.25e+03				
27 Aroclor-1260					CAS #: 11096-82-5				
5.172	5.172	0.000	406598	2500.00	2200	80.00-	120.00	100.00	

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO		
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)									
5.517	5.517	0.000	728663	2500.00	2200	143.37-	215.05	179.21	
5.863	5.863	0.000	721162	2500.00	2300	141.89-	212.84	177.36	
6.010	6.010	0.000	332269	2500.00	2200	65.38-	98.06	81.72	
6.340	6.340	0.000	366479	2500.00	2300	72.11-	108.16	90.13	
7.307	7.307	0.000	471757	2500.00	2400	92.82-	139.23	116.03	
7.470	7.472	-0.002	240592	2500.00	2400	47.34-	71.01	59.17	
8.690	8.690	0.000	226216	2500.00	2300	44.51-	66.76	55.64	
Average of Peak Amounts =					2.29e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.458	9.458	0.000	556177	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or177932.d

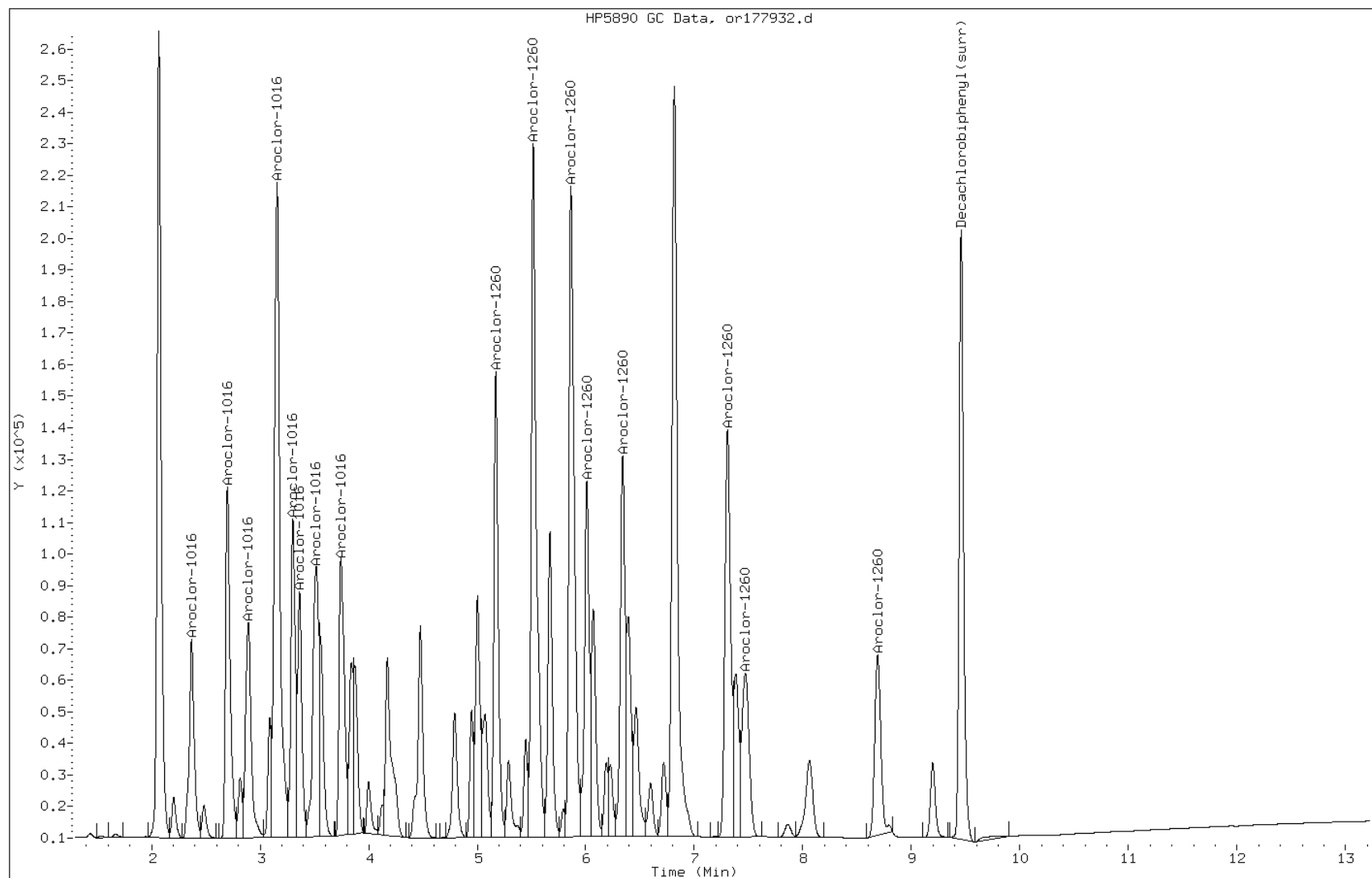
Date: 23-SEP-2011 10:24

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L5_00010

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:41 Calibration End Date: 09/23/2011 10:41 Calibration ID: 12350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/11	of177933.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.015										1.945 - 2.085	2.015
PCB-1221 Peak 2	2.357										2.287 - 2.427	2.357
PCB-1221 Peak 3	2.753										2.683 - 2.823	2.753
PCB-1221 Peak 4	2.905										2.835 - 2.975	2.905
PCB-1221 Peak 5	2.973										2.903 - 3.043	2.973
PCB-1221 Peak 6	3.427										3.357 - 3.497	3.427
PCB-1221 Peak 7	3.498										3.428 - 3.568	3.498
PCB-1221 Peak 8	3.973										3.903 - 4.043	3.973

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:41 Calibration End Date: 09/23/2011 10:41 Calibration ID: 12350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/11	of177933.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	59.092				Ave		59.0920000						20.0			
PCB-1221 Peak 2	17.686				Ave		17.6860000						20.0			
PCB-1221 Peak 3	75.611				Ave		75.6110000						20.0			
PCB-1221 Peak 4	46.115				Ave		46.1150000						20.0			
PCB-1221 Peak 5	185.22				Ave		185.224000						20.0			
PCB-1221 Peak 6	32.988				Ave		32.9880000						20.0			
PCB-1221 Peak 7	38.137				Ave		38.1370000						20.0			
PCB-1221 Peak 8	32.450				Ave		32.4500000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:41 Calibration End Date: 09/23/2011 10:41 Calibration ID: 12350

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/11	of177933.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	59092					1000				
PCB-1221 Peak 2	Ave	17686					1000				
PCB-1221 Peak 3	Ave	75611					1000				
PCB-1221 Peak 4	Ave	46115					1000				
PCB-1221 Peak 5	Ave	185224					1000				
PCB-1221 Peak 6	Ave	32988					1000				
PCB-1221 Peak 7	Ave	38137					1000				
PCB-1221 Peak 8	Ave	32450					1000				

Curve Type Legend:

Ave = Average

Data File: of177933.d
 Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177933.d
 Lab Smp Id: IC-SG1221L3_00012
 Inj Date : 23-SEP-2011 10:41
 Operator : 615
 Smp Info : IC-SG1221L3_00012
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
 Meth Date : 23-Sep-2011 14:06 shanthi
 Cal Date : 23-SEP-2011 12:19
 Als bottle: 11
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3
 Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of177939.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12210.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====
22 Aroclor-1221			CAS #: 11104-28-2					
2.015	2.015	0.000	59092	1000.00	1000	80.00- 120.00	100.00(M)	
2.357	2.357	0.000	17686	1000.00	1000	23.94- 35.92	29.93	
2.753	2.753	0.000	75611	1000.00	1000	102.36- 153.55	127.95	
2.905	2.905	0.000	46115	1000.00	1000	62.43- 93.65	78.04	
2.973	2.973	0.000	185224	1000.00	1000	250.76- 376.14	313.45	
3.427	3.427	0.000	32988	1000.00	1000	44.66- 66.99	55.82	
3.498	3.498	0.000	38137	1000.00	1000	51.63- 77.45	64.54	
3.973	3.973	0.000	32450	1000.00	1000	43.93- 65.90	54.91	
Average of Peak Amounts =			1e+03					

Data File: of177933.d
Report Date: 23-Sep-2011 14:06

QC Flag Legend

M - Compound response manually integrated.

Data File: of177933.d

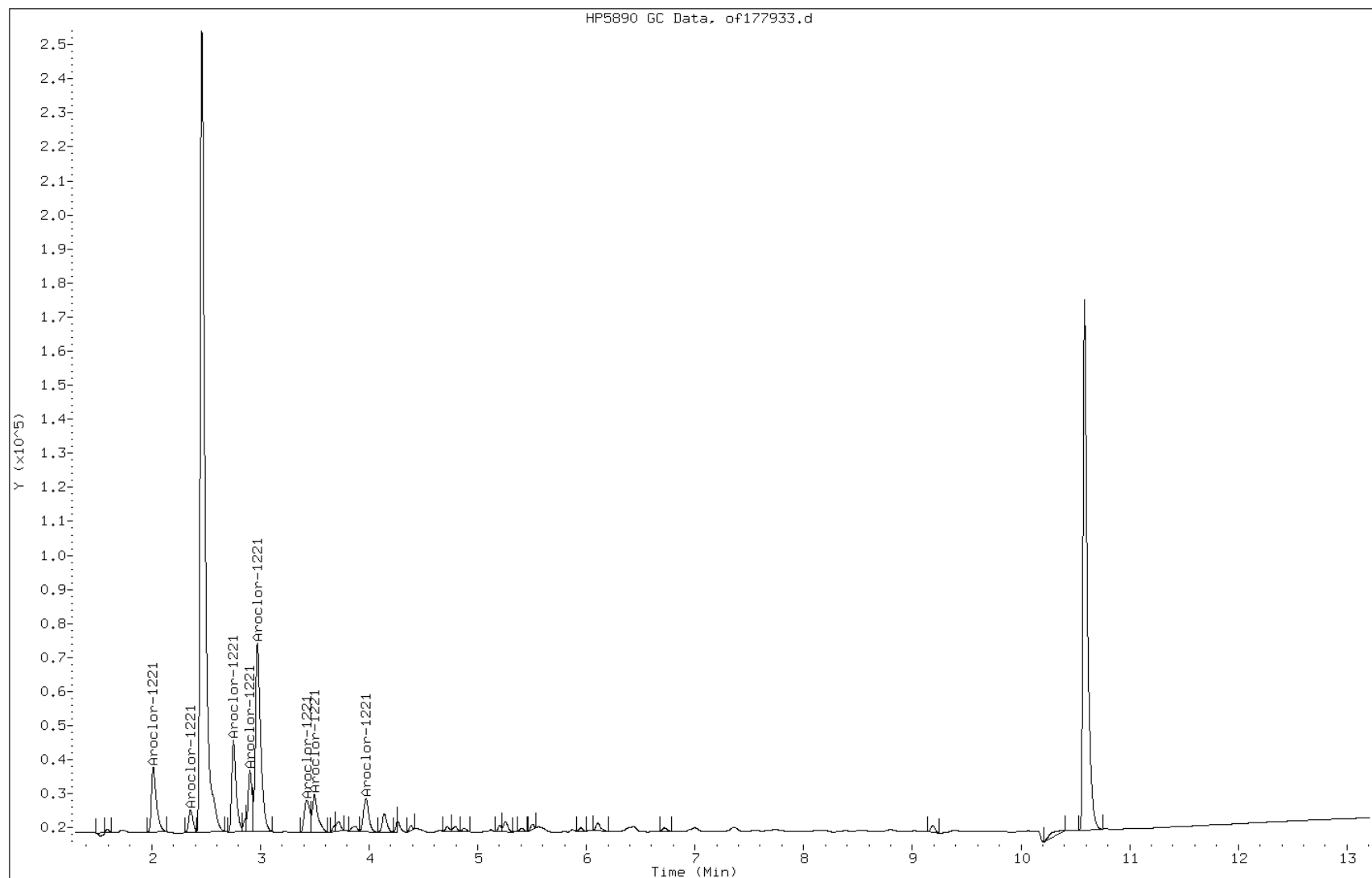
Date: 23-SEP-2011 10:41

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1221L3_00012

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:41 Calibration End Date: 09/23/2011 10:41 Calibration ID: 12357

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/11	or177933.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.668										1.598 - 1.738	1.668
PCB-1221 Peak 2	1.952										1.882 - 2.022	1.952
PCB-1221 Peak 3	2.203										2.133 - 2.273	2.203
PCB-1221 Peak 4	2.367										2.297 - 2.437	2.367
PCB-1221 Peak 5	2.702										2.632 - 2.772	2.702
PCB-1221 Peak 6	2.820										2.750 - 2.890	2.820
PCB-1221 Peak 7	3.158										3.088 - 3.228	3.158
PCB-1221 Peak 8	3.302										3.232 - 3.372	3.302

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:41 Calibration End Date: 09/23/2011 10:41 Calibration ID: 12357

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/11	or177933.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	39.637				Ave		39.6370000						20.0			
PCB-1221 Peak 2	13.691				Ave		13.6910000						20.0			
PCB-1221 Peak 3	46.195				Ave		46.1950000						20.0			
PCB-1221 Peak 4	142.58				Ave		142.583000						20.0			
PCB-1221 Peak 5	12.391				Ave		12.3910000						20.0			
PCB-1221 Peak 6	21.056				Ave		21.0560000						20.0			
PCB-1221 Peak 7	19.744				Ave		19.7440000						20.0			
PCB-1221 Peak 8	8.8400				Ave		8.84000000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:41 Calibration End Date: 09/23/2011 10:41 Calibration ID: 12357

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/11	or177933.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	39637					1000				
PCB-1221 Peak 2	Ave	13691					1000				
PCB-1221 Peak 3	Ave	46195					1000				
PCB-1221 Peak 4	Ave	142583					1000				
PCB-1221 Peak 5	Ave	12391					1000				
PCB-1221 Peak 6	Ave	21056					1000				
PCB-1221 Peak 7	Ave	19744					1000				
PCB-1221 Peak 8	Ave	8840					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177933.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 23-SEP-2011 10:41
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 3
Compound Sublist: AR12210.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE (ug/L)		(ug/L)	TARGET RANGE		RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
22 Aroclor-1221					CAS #: 11104-28-2				
1.668	1.668	0.000	39637	1000.00	1000	80.00-	120.00	100.00(M)	
1.952	1.952	0.000	13691	1000.00	1000	27.63-	41.45	34.54	
2.203	2.203	0.000	46195	1000.00	1000	93.24-	139.85	116.55	
2.367	2.367	0.000	142583	1000.00	1000	287.78-	431.67	359.72	
2.702	2.702	0.000	12391	1000.00	1000	25.01-	37.51	31.26	
2.820	2.820	0.000	21056	1000.00	1000	42.50-	63.75	53.12	
3.158	3.158	0.000	19744	1000.00	1000	39.85-	59.77	49.81	
3.302	3.302	0.000	8840	1000.00	1000	17.84-	26.76	22.30	
Average of Peak Amounts =					1e+03				

Data File: or177933.d
Report Date: 23-Sep-2011 14:06

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or177933.d

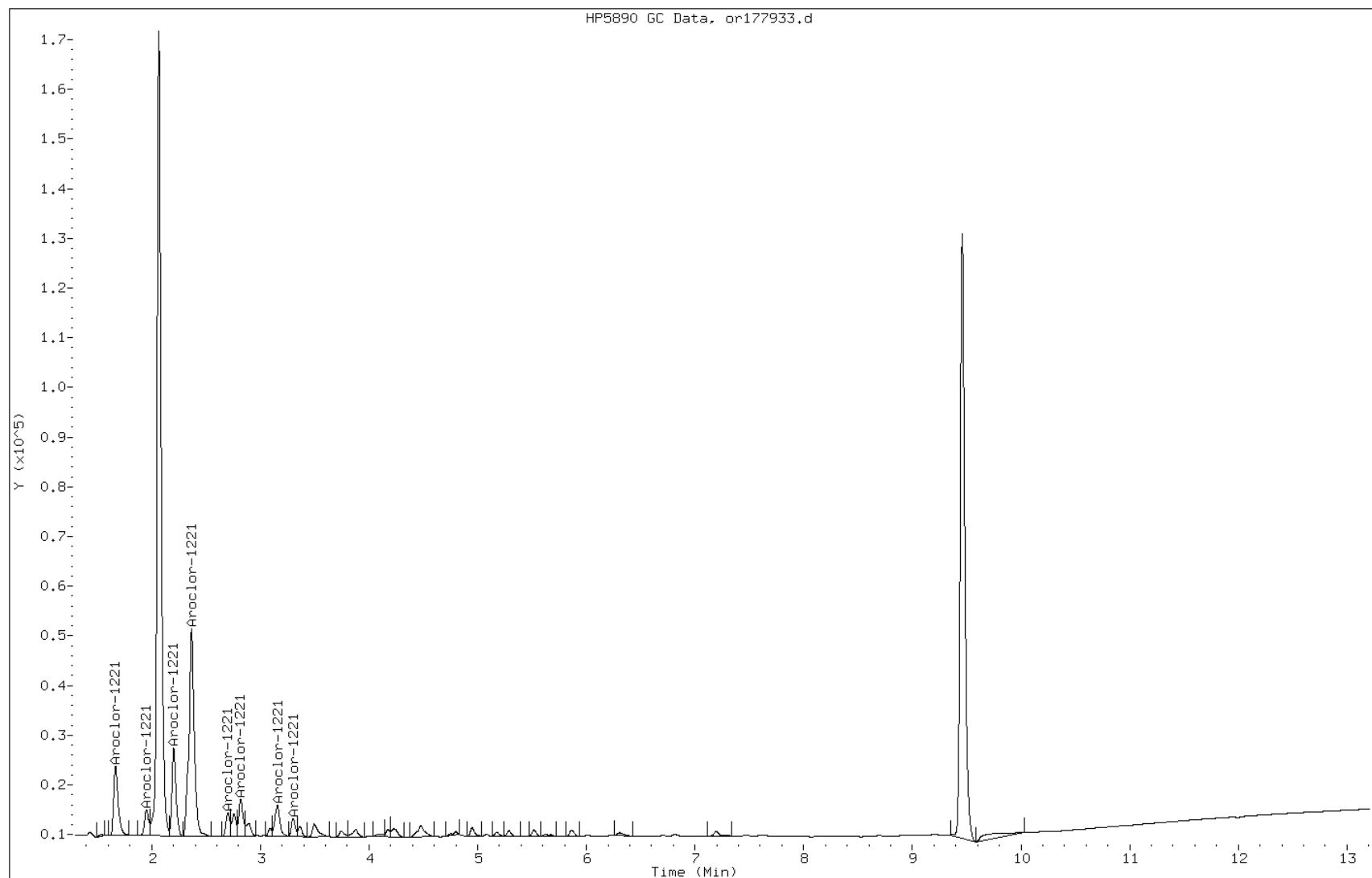
Date: 23-SEP-2011 10:41

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1221L3_00012

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:57 Calibration End Date: 09/23/2011 10:57 Calibration ID: 12351

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/12	of177934.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.973										2.903 - 3.043	2.973
PCB-1232 Peak 2	3.437										3.367 - 3.507	3.437
PCB-1232 Peak 3	3.718										3.648 - 3.788	3.718
PCB-1232 Peak 4	4.140										4.070 - 4.210	4.140
PCB-1232 Peak 5	4.265										4.195 - 4.335	4.265
PCB-1232 Peak 6	4.438										4.368 - 4.508	4.438
PCB-1232 Peak 7	4.720										4.650 - 4.790	4.720
PCB-1232 Peak 8	4.877										4.807 - 4.947	4.877

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:57 Calibration End Date: 09/23/2011 10:57 Calibration ID: 12351

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/12	of177934.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	128.42				Ave		128.423000						20.0			
PCB-1232 Peak 2	142.10				Ave		142.101000						20.0			
PCB-1232 Peak 3	58.025				Ave		58.0250000						20.0			
PCB-1232 Peak 4	97.615				Ave		97.6150000						20.0			
PCB-1232 Peak 5	71.771				Ave		71.7710000						20.0			
PCB-1232 Peak 6	64.825				Ave		64.8250000						20.0			
PCB-1232 Peak 7	74.524				Ave		74.5240000						20.0			
PCB-1232 Peak 8	78.256				Ave		78.2560000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:57 Calibration End Date: 09/23/2011 10:57 Calibration ID: 12351

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/12	of177934.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	128423					1000				
PCB-1232 Peak 2	Ave	142101					1000				
PCB-1232 Peak 3	Ave	58025					1000				
PCB-1232 Peak 4	Ave	97615					1000				
PCB-1232 Peak 5	Ave	71771					1000				
PCB-1232 Peak 6	Ave	64825					1000				
PCB-1232 Peak 7	Ave	74524					1000				
PCB-1232 Peak 8	Ave	78256					1000				

Curve Type Legend:

Ave = Average

Data File: of177934.d
Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177934.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 23-SEP-2011 10:57
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
Meth Date : 23-Sep-2011 14:06 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177939.d
Calibration Sample, Level: 3
Compound Sublist: AR12320.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

		AMOUNTS							
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
23 Aroclor-1232			CAS #: 11141-16-5						
2.973	2.973	0.000	128423 1000.00	1000	80.00- 120.00	100.00(M)			
3.437	3.437	0.000	142101 1000.00	1000	88.52- 132.78	110.65			
3.718	3.718	0.000	58025 1000.00	1000	36.15- 54.22	45.18			
4.140	4.140	0.000	97615 1000.00	1000	60.81- 91.21	76.01			
4.265	4.265	0.000	71771 1000.00	1000	44.71- 67.06	55.89			
4.438	4.438	0.000	64825 1000.00	1000	40.38- 60.57	50.48			
4.720	4.720	0.000	74524 1000.00	1000	46.42- 69.64	58.03			
4.877	4.877	0.000	78256 1000.00	1000	48.75- 73.12	60.94			
Average of Peak Amounts =			1e+03						

Data File: of177934.d
Report Date: 23-Sep-2011 14:06

QC Flag Legend

M - Compound response manually integrated.

Data File: of177934.d

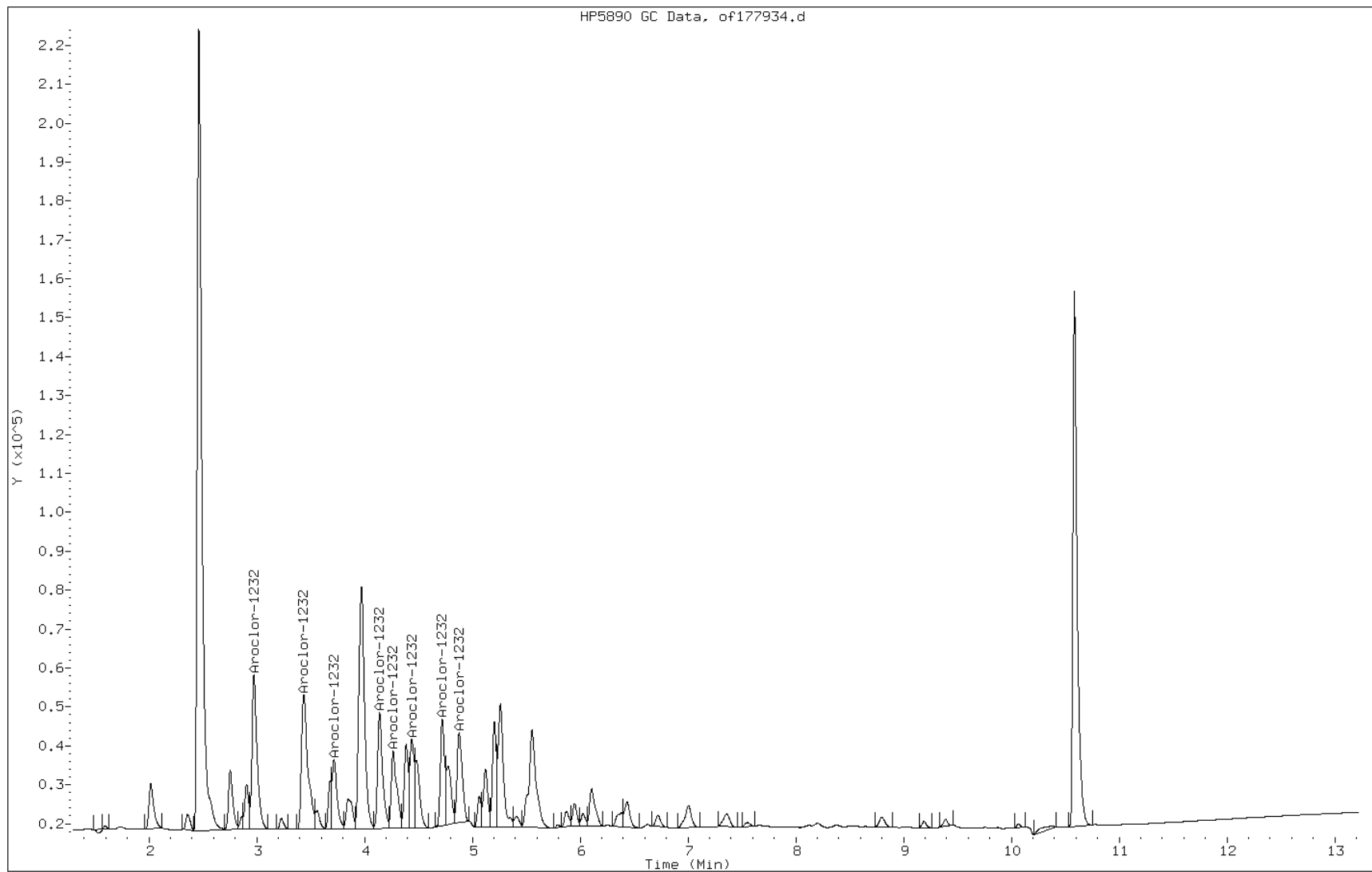
Date: 23-SEP-2011 10:57

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1232L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:57 Calibration End Date: 09/23/2011 10:57 Calibration ID: 12358

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/12	or177934.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.368										2.298 - 2.438	2.368
PCB-1232 Peak 2	2.698										2.628 - 2.768	2.698
PCB-1232 Peak 3	2.893										2.823 - 2.963	2.893
PCB-1232 Peak 4	3.157										3.087 - 3.227	3.157
PCB-1232 Peak 5	3.302										3.232 - 3.372	3.302
PCB-1232 Peak 6	3.365										3.295 - 3.435	3.365
PCB-1232 Peak 7	3.745										3.675 - 3.815	3.745
PCB-1232 Peak 8	4.122										4.052 - 4.192	4.122

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:57 Calibration End Date: 09/23/2011 10:57 Calibration ID: 12358

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/12	or177934.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	98.356				Ave		98.3560000						20.0			
PCB-1232 Peak 2	77.676				Ave		77.6760000						20.0			
PCB-1232 Peak 3	50.764				Ave		50.7640000						20.0			
PCB-1232 Peak 4	146.60				Ave		146.599000						20.0			
PCB-1232 Peak 5	58.259				Ave		58.2590000						20.0			
PCB-1232 Peak 6	37.752				Ave		37.7520000						20.0			
PCB-1232 Peak 7	67.316				Ave		67.3160000						20.0			
PCB-1232 Peak 8	28.819				Ave		28.8190000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 10:57 Calibration End Date: 09/23/2011 10:57 Calibration ID: 12358

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/12	or177934.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	98356					1000				
PCB-1232 Peak 2	Ave	77676					1000				
PCB-1232 Peak 3	Ave	50764					1000				
PCB-1232 Peak 4	Ave	146599					1000				
PCB-1232 Peak 5	Ave	58259					1000				
PCB-1232 Peak 6	Ave	37752					1000				
PCB-1232 Peak 7	Ave	67316					1000				
PCB-1232 Peak 8	Ave	28819					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177934.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 23-SEP-2011 10:57
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: or177939.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

			AMOUNTS					
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE		RATIO	
==	=====	=====	=====	=====	=====		=====	
23 Aroclor-1232			CAS #: 11141-16-5					
2.368	2.368	0.000	98356 1000.00	1000	80.00- 120.00		100.00(M)	
2.698	2.698	0.000	77676 1000.00	1000	63.18- 94.77		78.97	
2.893	2.893	0.000	50764 1000.00	1000	41.29- 61.94		51.61	
3.157	3.157	0.000	146599 1000.00	1000	119.24- 178.86		149.05	
3.302	3.302	0.000	58259 1000.00	1000	47.39- 71.08		59.23	
3.365	3.365	0.000	37752 1000.00	1000	30.71- 46.06		38.38	
3.745	3.745	0.000	67316 1000.00	1000	54.75- 82.13		68.44	
4.122	4.122	0.000	28819 1000.00	1000	23.44- 35.16		29.30	
Average of Peak Amounts =			1e+03					

Data File: or177934.d
Report Date: 23-Sep-2011 14:06

Page 2

QC Flag Legend

M - Compound response manually integrated.

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:13 Calibration End Date: 09/23/2011 11:13 Calibration ID: 12352

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/13	of177935.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.972										2.902 - 3.042	2.972
PCB-1242 Peak 2	3.435										3.365 - 3.505	3.435
PCB-1242 Peak 3	3.715										3.645 - 3.785	3.715
PCB-1242 Peak 4	3.970										3.900 - 4.040	3.970
PCB-1242 Peak 5	4.137										4.067 - 4.207	4.137
PCB-1242 Peak 6	4.437										4.367 - 4.507	4.437
PCB-1242 Peak 7	4.875										4.805 - 4.945	4.875
PCB-1242 Peak 8	5.258										5.188 - 5.328	5.258

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:13 Calibration End Date: 09/23/2011 11:13 Calibration ID: 12352

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/13	of177935.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	115.19				Ave		115.192000						20.0			
PCB-1242 Peak 2	235.81				Ave		235.811000						20.0			
PCB-1242 Peak 3	112.05				Ave		112.052000						20.0			
PCB-1242 Peak 4	438.14				Ave		438.135000						20.0			
PCB-1242 Peak 5	185.45				Ave		185.449000						20.0			
PCB-1242 Peak 6	114.27				Ave		114.266000						20.0			
PCB-1242 Peak 7	162.76				Ave		162.761000						20.0			
PCB-1242 Peak 8	197.44				Ave		197.444000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:13 Calibration End Date: 09/23/2011 11:13 Calibration ID: 12352

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/13	of177935.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	115192					1000				
PCB-1242 Peak 2	Ave	235811					1000				
PCB-1242 Peak 3	Ave	112052					1000				
PCB-1242 Peak 4	Ave	438135					1000				
PCB-1242 Peak 5	Ave	185449					1000				
PCB-1242 Peak 6	Ave	114266					1000				
PCB-1242 Peak 7	Ave	162761					1000				
PCB-1242 Peak 8	Ave	197444					1000				

Curve Type Legend:

Ave = Average

Data File: of177935.d
 Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177935.d
 Lab Smp Id: IC-SG1242L3_00011
 Inj Date : 23-SEP-2011 11:13
 Operator : 615
 Smp Info : IC-SG1242L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
 Meth Date : 23-Sep-2011 14:06 shanthi
 Cal Date : 23-SEP-2011 12:19
 Als bottle: 13
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of177939.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12420.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

		AMOUNTS							
		CAL - AMT		ON - COL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
24 Aroclor-1242					CAS #: 53469-21-9				
2.972	2.972	0.000	115192	1000.00	1000	80.00-	120.00	100.00(M)	
3.435	3.435	0.000	235811	1000.00	1000	163.77-	245.65	204.71	
3.715	3.715	0.000	112052	1000.00	1000	77.82-	116.73	97.27	
3.970	3.970	0.000	438135	1000.00	1000	304.28-	456.42	380.35	
4.137	4.137	0.000	185449	1000.00	1000	128.79-	193.19	160.99	
4.437	4.437	0.000	114266	1000.00	1000	79.36-	119.04	99.20	
4.875	4.875	0.000	162761	1000.00	1000	113.04-	169.55	141.30	
5.258	5.258	0.000	197444	1000.00	1000	137.12-	205.69	171.40	
Average of Peak Amounts =					1e+03				

Data File: of177935.d
Report Date: 23-Sep-2011 14:06

QC Flag Legend

M - Compound response manually integrated.

Data File: of177935.d

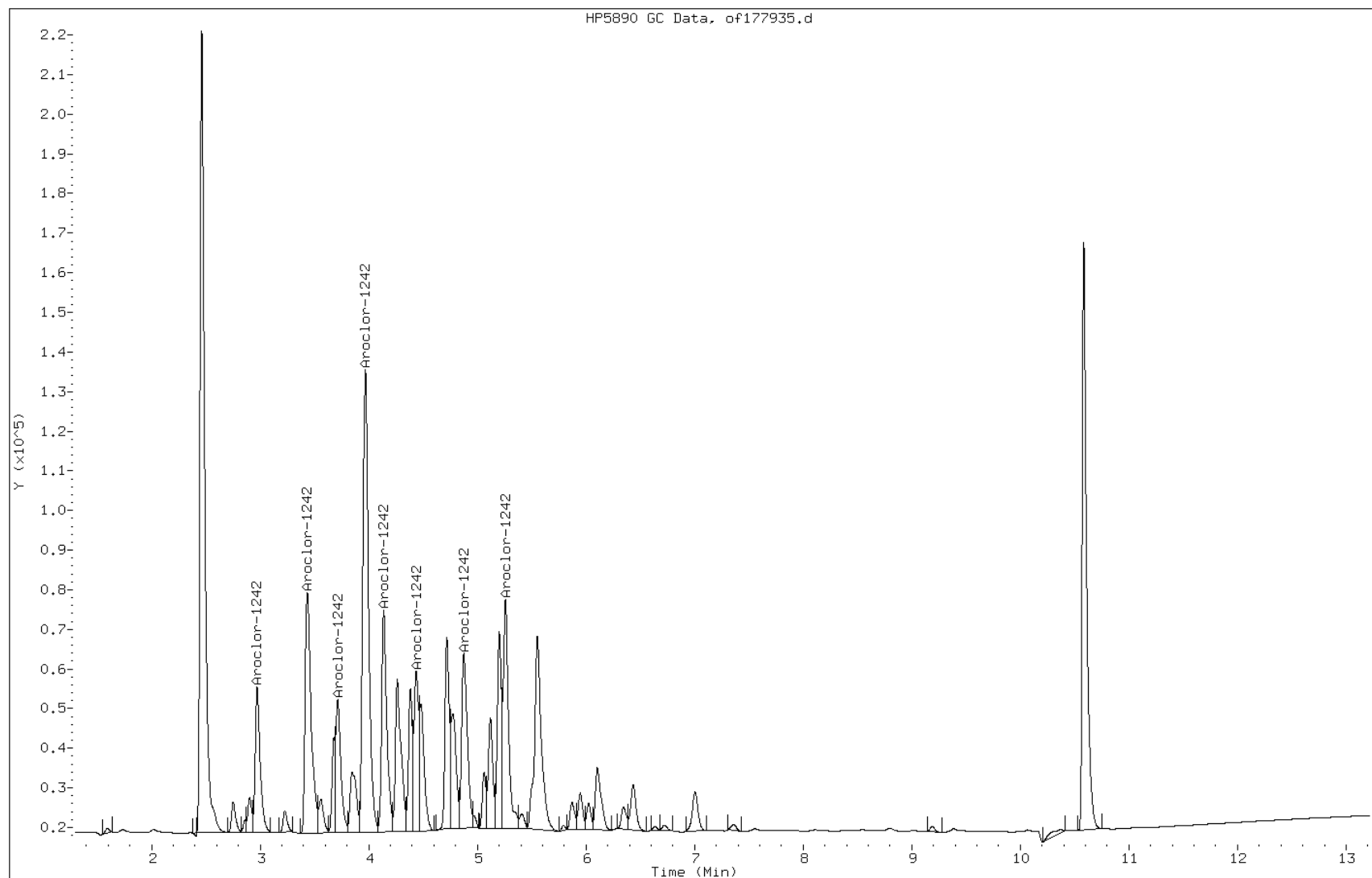
Date: 23-SEP-2011 11:13

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1242L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:13 Calibration End Date: 09/23/2011 11:13 Calibration ID: 12359

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/13	or177935.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.370										2.300 - 2.440	2.370
PCB-1242 Peak 2	2.700										2.630 - 2.770	2.700
PCB-1242 Peak 3	2.893										2.823 - 2.963	2.893
PCB-1242 Peak 4	3.158										3.088 - 3.228	3.158
PCB-1242 Peak 5	3.302										3.232 - 3.372	3.302
PCB-1242 Peak 6	3.518										3.448 - 3.588	3.518
PCB-1242 Peak 7	3.745										3.675 - 3.815	3.745
PCB-1242 Peak 8	4.478										4.408 - 4.548	4.478

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:13 Calibration End Date: 09/23/2011 11:13 Calibration ID: 12359

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/13	or177935.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	87.425				Ave		87.4250000						20.0			
PCB-1242 Peak 2	133.40				Ave		133.3990000						20.0			
PCB-1242 Peak 3	95.463				Ave		95.4630000						20.0			
PCB-1242 Peak 4	280.86				Ave		280.8630000						20.0			
PCB-1242 Peak 5	109.82				Ave		109.8180000						20.0			
PCB-1242 Peak 6	124.57				Ave		124.5670000						20.0			
PCB-1242 Peak 7	119.40				Ave		119.3990000						20.0			
PCB-1242 Peak 8	96.807				Ave		96.8070000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:13 Calibration End Date: 09/23/2011 11:13 Calibration ID: 12359

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/13	or177935.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	87425					1000				
PCB-1242 Peak 2	Ave	133399					1000				
PCB-1242 Peak 3	Ave	95463					1000				
PCB-1242 Peak 4	Ave	280863					1000				
PCB-1242 Peak 5	Ave	109818					1000				
PCB-1242 Peak 6	Ave	124567					1000				
PCB-1242 Peak 7	Ave	119399					1000				
PCB-1242 Peak 8	Ave	96807					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177935.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 23-SEP-2011 11:13
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 3
Compound Sublist: AR12420.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
24 Aroclor-1242			CAS #: 53469-21-9			
2.370	2.370	0.000	87425 1000.00	1000	80.00- 120.00	100.00(M)
2.700	2.700	0.000	133399 1000.00	1000	122.07- 183.10	152.59
2.893	2.893	0.000	95463 1000.00	1000	87.36- 131.03	109.19
3.158	3.158	0.000	280863 1000.00	1000	257.01- 385.51	321.26
3.302	3.302	0.000	109818 1000.00	1000	100.49- 150.74	125.61
3.518	3.518	0.000	124567 1000.00	1000	113.99- 170.98	142.48
3.745	3.745	0.000	119399 1000.00	1000	109.26- 163.89	136.57
4.478	4.478	0.000	96807 1000.00	1000	88.59- 132.88	110.73
Average of Peak Amounts =			1e+03			

Data File: or177935.d
Report Date: 23-Sep-2011 14:06

Page 2

QC Flag Legend

M - Compound response manually integrated.

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:30 Calibration End Date: 09/23/2011 11:30 Calibration ID: 12353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/14	of177936.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.435										3.365 - 3.505	3.435
PCB-1248 Peak 2	3.972										3.902 - 4.042	3.972
PCB-1248 Peak 3	4.138										4.068 - 4.208	4.138
PCB-1248 Peak 4	4.438										4.368 - 4.508	4.438
PCB-1248 Peak 5	4.720										4.650 - 4.790	4.720
PCB-1248 Peak 6	4.877										4.807 - 4.947	4.877
PCB-1248 Peak 7	5.122										5.052 - 5.192	5.122
PCB-1248 Peak 8	5.260										5.190 - 5.330	5.260

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:30 Calibration End Date: 09/23/2011 11:30 Calibration ID: 12353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/14	of177936.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	114.38				Ave		114.375000						20.0			
PCB-1248 Peak 2	277.41				Ave		277.407000						20.0			
PCB-1248 Peak 3	109.38				Ave		109.376000						20.0			
PCB-1248 Peak 4	168.01				Ave		168.013000						20.0			
PCB-1248 Peak 5	205.89				Ave		205.892000						20.0			
PCB-1248 Peak 6	256.59				Ave		256.592000						20.0			
PCB-1248 Peak 7	138.26				Ave		138.262000						20.0			
PCB-1248 Peak 8	326.24				Ave		326.237000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:30 Calibration End Date: 09/23/2011 11:30 Calibration ID: 12353

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/14	of177936.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	114375					1000				
PCB-1248 Peak 2	Ave	277407					1000				
PCB-1248 Peak 3	Ave	109376					1000				
PCB-1248 Peak 4	Ave	168013					1000				
PCB-1248 Peak 5	Ave	205892					1000				
PCB-1248 Peak 6	Ave	256592					1000				
PCB-1248 Peak 7	Ave	138262					1000				
PCB-1248 Peak 8	Ave	326237					1000				

Curve Type Legend:

Ave = Average

Data File: of177936.d
 Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177936.d
 Lab Smp Id: IC-SG1248L3_00011
 Inj Date : 23-SEP-2011 11:30
 Operator : 615
 Smp Info : IC-SG1248L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
 Meth Date : 23-Sep-2011 14:06 shanthi
 Cal Date : 23-SEP-2011 12:19
 Als bottle: 14
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of177939.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12480.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	RATIO
			RESPONSE	(ug/L)		
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
3.435	3.435	0.000	114375	1000.00	1000 80.00- 120.00	100.00(M)
3.972	3.972	0.000	277407	1000.00	1000 194.03- 291.05	242.54
4.138	4.138	0.000	109376	1000.00	1000 76.50- 114.76	95.63
4.438	4.438	0.000	168013	1000.00	1000 117.52- 176.28	146.90
4.720	4.720	0.000	205892	1000.00	1000 144.01- 216.02	180.01
4.877	4.877	0.000	256592	1000.00	1000 179.47- 269.21	224.34
5.122	5.122	0.000	138262	1000.00	1000 96.71- 145.06	120.88
5.260	5.260	0.000	326237	1000.00	1000 228.19- 342.28	285.23
Average of Peak Amounts =			1e+03			

Data File: of177936.d
Report Date: 23-Sep-2011 14:06

QC Flag Legend

M - Compound response manually integrated.

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:30 Calibration End Date: 09/23/2011 11:30 Calibration ID: 12360

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/14	or177936.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.698										2.628 - 2.768	2.698
PCB-1248 Peak 2	3.155										3.085 - 3.225	3.155
PCB-1248 Peak 3	3.307										3.237 - 3.377	3.307
PCB-1248 Peak 4	3.513										3.443 - 3.583	3.513
PCB-1248 Peak 5	3.743										3.673 - 3.813	3.743
PCB-1248 Peak 6	3.838										3.768 - 3.908	3.838
PCB-1248 Peak 7	4.122										4.052 - 4.192	4.122
PCB-1248 Peak 8	4.477										4.407 - 4.547	4.477

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:30 Calibration End Date: 09/23/2011 11:30 Calibration ID: 12360

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/14	or177936.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	67.448				Ave		67.4480000						20.0			
PCB-1248 Peak 2	166.86				Ave		166.864000						20.0			
PCB-1248 Peak 3	67.443				Ave		67.4430000						20.0			
PCB-1248 Peak 4	195.41				Ave		195.412000						20.0			
PCB-1248 Peak 5	174.90				Ave		174.902000						20.0			
PCB-1248 Peak 6	97.827				Ave		97.8270000						20.0			
PCB-1248 Peak 7	87.240				Ave		87.2400000						20.0			
PCB-1248 Peak 8	146.84				Ave		146.842000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:30 Calibration End Date: 09/23/2011 11:30 Calibration ID: 12360

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/14	or177936.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	67448					1000				
PCB-1248 Peak 2	Ave	166864					1000				
PCB-1248 Peak 3	Ave	67443					1000				
PCB-1248 Peak 4	Ave	195412					1000				
PCB-1248 Peak 5	Ave	174902					1000				
PCB-1248 Peak 6	Ave	97827					1000				
PCB-1248 Peak 7	Ave	87240					1000				
PCB-1248 Peak 8	Ave	146842					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177936.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 23-SEP-2011 11:30
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Calibration Sample, Level: 3
Compound Sublist: AR12480.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
2.698	2.698	0.000	67448 1000.00	1000	80.00- 120.00	100.00(M)
3.155	3.155	0.000	166864 1000.00	1000	197.92- 296.88	247.40
3.307	3.307	0.000	67443 1000.00	1000	79.99- 119.99	99.99
3.513	3.513	0.000	195412 1000.00	1000	231.78- 347.67	289.72
3.743	3.743	0.000	174902 1000.00	1000	207.45- 311.18	259.31
3.838	3.838	0.000	97827 1000.00	1000	116.03- 174.05	145.04
4.122	4.122	0.000	87240 1000.00	1000	103.48- 155.21	129.34
4.477	4.477	0.000	146842 1000.00	1000	174.17- 261.25	217.71
Average of Peak Amounts =			1e+03			

Data File: or177936.d
Report Date: 23-Sep-2011 14:06

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or177936.d

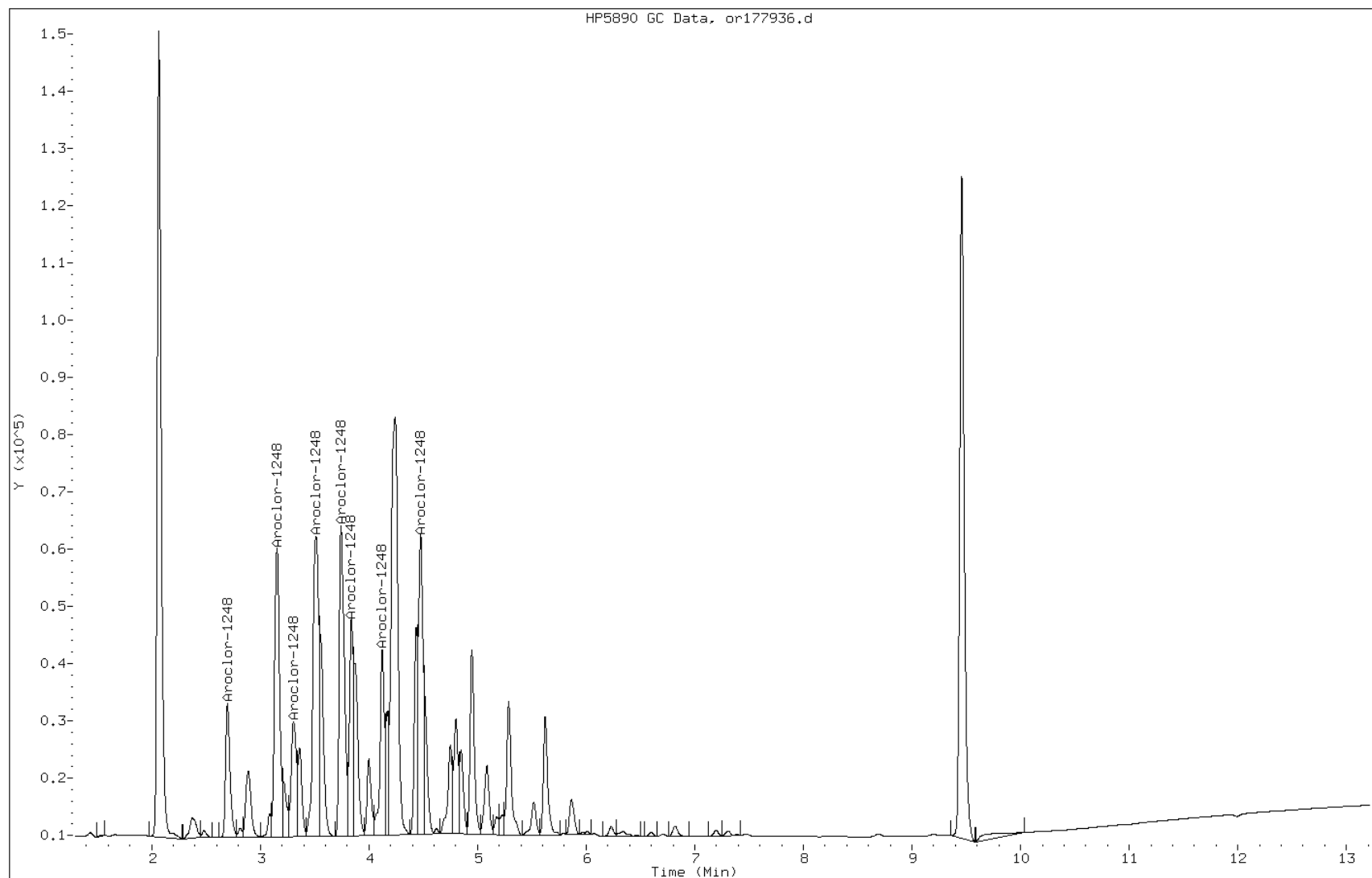
Date: 23-SEP-2011 11:30

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1248L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:46 Calibration End Date: 09/23/2011 11:46 Calibration ID: 12354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/15	of177937.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.387										4.317 - 4.457	4.387
PCB-1254 Peak 2	5.255										5.185 - 5.325	5.255
PCB-1254 Peak 3	5.503										5.433 - 5.573	5.503
PCB-1254 Peak 4	5.950										5.880 - 6.020	5.950
PCB-1254 Peak 5	6.107										6.037 - 6.177	6.107
PCB-1254 Peak 6	7.002										6.932 - 7.072	7.002
PCB-1254 Peak 7	7.362										7.292 - 7.432	7.362
PCB-1254 Peak 8	8.122										8.052 - 8.192	8.122

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:46 Calibration End Date: 09/23/2011 11:46 Calibration ID: 12354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/15	of177937.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	192.38				Ave		192.382000						20.0			
PCB-1254 Peak 2	283.84				Ave		283.835000						20.0			
PCB-1254 Peak 3	288.83				Ave		288.829000						20.0			
PCB-1254 Peak 4	205.15				Ave		205.154000						20.0			
PCB-1254 Peak 5	466.74				Ave		466.738000						20.0			
PCB-1254 Peak 6	351.76				Ave		351.759000						20.0			
PCB-1254 Peak 7	447.02				Ave		447.024000						20.0			
PCB-1254 Peak 8	102.55				Ave		102.547000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:46 Calibration End Date: 09/23/2011 11:46 Calibration ID: 12354

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/15	of177937.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	192382					1000				
PCB-1254 Peak 2	Ave	283835					1000				
PCB-1254 Peak 3	Ave	288829					1000				
PCB-1254 Peak 4	Ave	205154					1000				
PCB-1254 Peak 5	Ave	466738					1000				
PCB-1254 Peak 6	Ave	351759					1000				
PCB-1254 Peak 7	Ave	447024					1000				
PCB-1254 Peak 8	Ave	102547					1000				

Curve Type Legend:

Ave = Average

Data File: of177937.d
Report Date: 23-Sep-2011 14:06

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/of177937.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 23-SEP-2011 11:46
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-23-11aical/23sep11a.b/080f8082.m
Meth Date : 23-Sep-2011 14:06 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177939.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
4.387	4.387	0.000	192382 1000.00	1000	80.00- 120.00	100.00(M)
5.255	5.255	0.000	283835 1000.00	1000	118.03- 177.04	147.54
5.503	5.503	0.000	288829 1000.00	1000	120.11- 180.16	150.13
5.950	5.950	0.000	205154 1000.00	1000	85.31- 127.97	106.64
6.107	6.107	0.000	466738 1000.00	1000	194.09- 291.13	242.61
7.002	7.002	0.000	351759 1000.00	1000	146.28- 219.41	182.84
7.362	7.362	0.000	447024 1000.00	1000	185.89- 278.84	232.36
8.122	8.122	0.000	102547 1000.00	1000	42.64- 63.96	53.30
Average of Peak Amounts =			1e+03			

Data File: of177937.d
Report Date: 23-Sep-2011 14:06

QC Flag Legend

M - Compound response manually integrated.

Data File: of177937.d

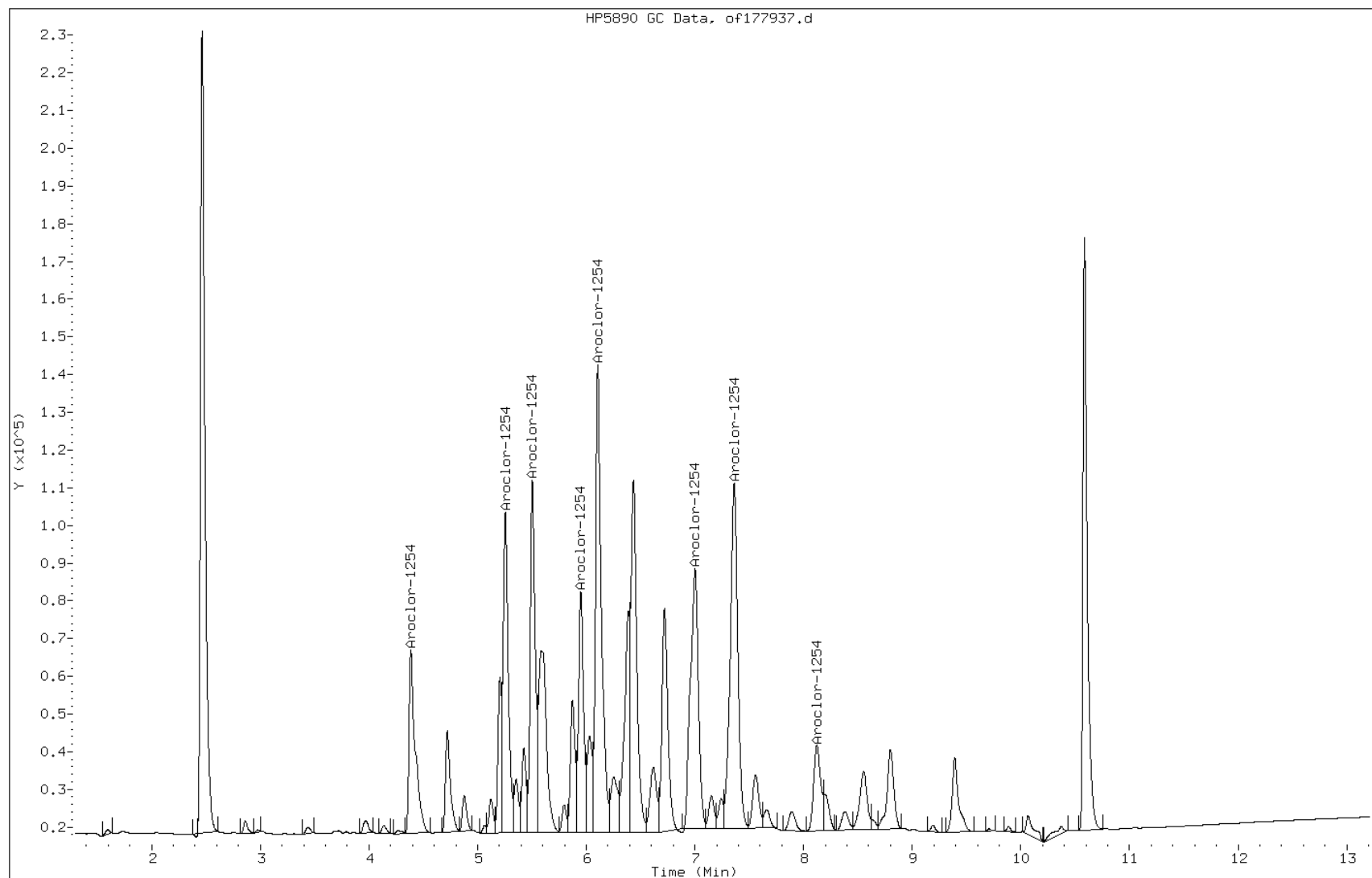
Date: 23-SEP-2011 11:46

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1254L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:46 Calibration End Date: 09/23/2011 11:46 Calibration ID: 12361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/15	or177937.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.172										4.102 - 4.242	4.172
PCB-1254 Peak 2	4.220										4.150 - 4.290	4.220
PCB-1254 Peak 3	4.475										4.405 - 4.545	4.475
PCB-1254 Peak 4	4.800										4.730 - 4.870	4.800
PCB-1254 Peak 5	4.948										4.878 - 5.018	4.948
PCB-1254 Peak 6	5.173										5.103 - 5.243	5.173
PCB-1254 Peak 7	5.287										5.217 - 5.357	5.287
PCB-1254 Peak 8	5.517										5.447 - 5.587	5.517

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:46 Calibration End Date: 09/23/2011 11:46 Calibration ID: 12361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/15	or177937.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	145.82				Ave		145.816000						20.0			
PCB-1254 Peak 2	125.23				Ave		125.226000						20.0			
PCB-1254 Peak 3	210.20				Ave		210.198000						20.0			
PCB-1254 Peak 4	169.30				Ave		169.301000						20.0			
PCB-1254 Peak 5	278.54				Ave		278.543000						20.0			
PCB-1254 Peak 6	132.48				Ave		132.476000						20.0			
PCB-1254 Peak 7	199.35				Ave		199.354000						20.0			
PCB-1254 Peak 8	203.74				Ave		203.743000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87132

SDG No.: _____

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

Calibration Start Date: 09/23/2011 11:46 Calibration End Date: 09/23/2011 11:46 Calibration ID: 12361

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87132/15	or177937.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	145816					1000				
PCB-1254 Peak 2	Ave	125226					1000				
PCB-1254 Peak 3	Ave	210198					1000				
PCB-1254 Peak 4	Ave	169301					1000				
PCB-1254 Peak 5	Ave	278543					1000				
PCB-1254 Peak 6	Ave	132476					1000				
PCB-1254 Peak 7	Ave	199354					1000				
PCB-1254 Peak 8	Ave	203743					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/or177937.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 23-SEP-2011 11:46
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11aical/23sep11a.b/080r8082.m
Meth Date : 23-Sep-2011 14:05 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: or177939.d
Als bottle: 15 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12540.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
4.172	4.172	0.000	145816 1000.00	1000	80.00- 120.00	100.00(M)
4.220	4.220	0.000	125226 1000.00	1000	68.70- 103.06	85.88
4.475	4.475	0.000	210198 1000.00	1000	115.32- 172.98	144.15
4.800	4.800	0.000	169301 1000.00	1000	92.88- 139.33	116.11
4.948	4.948	0.000	278543 1000.00	1000	152.82- 229.23	191.02
5.173	5.173	0.000	132476 1000.00	1000	72.68- 109.02	90.85
5.287	5.287	0.000	199354 1000.00	1000	109.37- 164.06	136.72
5.517	5.517	0.000	203743 1000.00	1000	111.78- 167.67	139.73
Average of Peak Amounts =			1e+03			

Data File: or177937.d
Report Date: 23-Sep-2011 14:07

Page 2

QC Flag Legend

M - Compound response manually integrated.

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vf464913.d
Level 2	IC 460-87766/7	vf464914.d
Level 3	IC 460-87766/8	vf464915.d
Level 4	IC 460-87766/9	vf464916.d
Level 5	IC 460-87766/10	vf464917.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.968	2.966	2.965	2.963	2.967						2.895 - 3.035	2.966
PCB-1016 Peak 2	3.656	3.652	3.652	3.649	3.655						3.582 - 3.722	3.653
PCB-1016 Peak 3	4.101	4.097	4.097	4.094	4.098						4.027 - 4.167	4.097
PCB-1016 Peak 4	4.501	4.499	4.497	4.495	4.499						4.427 - 4.567	4.498
PCB-1016 Peak 5	4.746	4.744	4.742	4.741	4.744						4.672 - 4.812	4.744
PCB-1016 Peak 6	5.183	5.181	5.179	5.179	5.182						5.109 - 5.249	5.181
PCB-1016 Peak 7	5.571	5.569	5.567	5.567	5.570						5.497 - 5.637	5.569
PCB-1016 Peak 8	5.781	5.779	5.778	5.778	5.780						5.708 - 5.848	5.779
PCB-1260 Peak 1	7.487	7.487	7.484	7.484	7.485						7.414 - 7.554	7.486
PCB-1260 Peak 2	7.804	7.801	7.798	7.799	7.800						7.728 - 7.868	7.801
PCB-1260 Peak 3	8.274	8.272	8.267	8.267	8.267						8.197 - 8.337	8.269
PCB-1260 Peak 4	9.391	9.391	9.386	9.388	9.388						9.316 - 9.456	9.389
PCB-1260 Peak 5	9.511	9.510	9.506	9.507	9.507						9.436 - 9.576	9.508
PCB-1260 Peak 6	9.952	9.951	9.948	9.949	9.950						9.878 - 10.018	9.950
PCB-1260 Peak 7	10.648	10.648	10.647	10.645	10.645						10.577 - 10.717	10.647
PCB-1260 Peak 8	11.116	11.116	11.118	11.114	11.114						11.048 - 11.188	11.116
DCB Decachlorobiphenyl	11.551	11.549	11.554	11.548	11.545						11.454 - 11.654	11.549

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vf464913.d
Level 2	IC 460-87766/7	vf464914.d
Level 3	IC 460-87766/8	vf464915.d
Level 4	IC 460-87766/9	vf464916.d
Level 5	IC 460-87766/10	vf464917.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	2538.0 2183.2	2640.6	2436.3	2428.9	Ave		2445.38841				7.0		20.0			
PCB-1016 Peak 2	4575.9 4760.6	5765.1	5269.0	5108.4	Ave		5095.79155				9.1		20.0			
PCB-1016 Peak 3	2015.6 2116.0	2493.4	2314.6	2253.6	Ave		2238.62841				8.2		20.0			
PCB-1016 Peak 4	10497 9092.1	11191	10001	9776.9	Ave		10111.6956				7.8		20.0			
PCB-1016 Peak 5	4312.3 4236.8	5263.5	4691.5	4561.1	Ave		4613.03639				8.8		20.0			
PCB-1016 Peak 6	3011.0 2456.2	3151.2	2746.8	2659.5	Ave		2804.95456				9.9		20.0			
PCB-1016 Peak 7	3563.1 2869.2	3602.1	3228.3	3214.2	Ave		3295.35624				9.1		20.0			
PCB-1016 Peak 8	3665.6 3145.3	3664.3	3280.1	3398.0	Ave		3430.64316				6.8		20.0			
PCB-1260 Peak 1	3942.7 3371.9	3949.7	3904.1	3595.3	Ave		3752.73553				6.9		20.0			
PCB-1260 Peak 2	8119.6 6716.3	7989.1	7699.4	7150.5	Ave		7534.95217				7.8		20.0			
PCB-1260 Peak 3	9388.0 8164.0	9276.0	9268.1	8668.5	Ave		8952.90855				5.8		20.0			
PCB-1260 Peak 4	6452.1 5919.6	7071.1	6803.4	6325.9	Ave		6514.44595				6.8		20.0			
PCB-1260 Peak 5	3309.1 3317.8	3822.4	3724.9	3499.2	Ave		3534.67944				6.6		20.0			
PCB-1260 Peak 6	5499.9 5485.1	6236.4	6159.1	5826.7	Ave		5841.43645				6.1		20.0			
PCB-1260 Peak 7	7211.1 6685.0	7799.7	7708.7	7248.2	Ave		7330.54127				6.1		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	3302.2 2894.4	3246.7	3253.1	2970.3	Ave		3133.32176				6.0		20.0			
DCB Decachlorobiphenyl	95172 84171	106040	94418	90312	Ave		94022.5470				8.5		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12475

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vf464913.d
Level 2	IC 460-87766/7	vf464914.d
Level 3	IC 460-87766/8	vf464915.d
Level 4	IC 460-87766/9	vf464916.d
Level 5	IC 460-87766/10	vf464917.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	253802	1320281	2436325	3643306	5457911	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	457590	2882559	5268996	7662560	11901426	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	201560	1246712	2314551	3380425	5289876	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1049718	5595732	10000889	14665308	22730183	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	431225	2631742	4691489	6841685	10592089	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	301102	1575613	2746808	3989229	6140582	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	356309	1801050	3228284	4821231	7172883	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	366556	1832152	3280083	5096946	7863262	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	394273	1974852	3904093	5392915	8429685	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	811962	3994525	7699351	10725679	16790718	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	938801	4638010	9268093	13002701	20409881	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	645213	3535538	6803444	9488921	14799081	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	330913	1911206	3724916	5248758	8294418	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	549989	3118215	6159056	8740078	13712719	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	721107	3899851	7708745	10872314	16712450	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	330215	1623331	3253106	4455405	7236052	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	2379304	5301997	9441793	13546740	16834221	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: vf464913.d
Report Date: 29-Sep-2011 15:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464913.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 29-SEP-2011 12:19
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:51 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 12:19 Cal File: vf464913.d
Als bottle: 6 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.968	2.965	0.003	253802	100.000	100	80.00-	120.00	100.00(M)
3.656	3.652	0.004	457590	100.000	90	144.24-	216.35	180.29
4.101	4.097	0.004	201560	100.000	90	63.53-	95.30	79.42
4.501	4.497	0.004	1049718	100.000	100	330.88-	496.32	413.60
4.746	4.742	0.004	431225	100.000	93	135.92-	203.89	169.91
5.183	5.179	0.004	301102	100.000	110	94.91-	142.36	118.64
5.571	5.567	0.004	356309	100.000	110	112.31-	168.47	140.39
5.781	5.778	0.003	366556	100.000	110	115.54-	173.31	144.43
Average of Peak Amounts =					100			

27 Aroclor-1260					CAS #: 11096-82-5				
7.487	7.484	0.003	394273	100.000	100	80.00- 120.00	100.00(M)		

Data File: vf464913.d
 Report Date: 29-Sep-2011 15:51

AMOUNTS								
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.804	7.798	0.006	811962	100.000	110	164.75-	247.13	205.94
8.274	8.267	0.007	938801	100.000	100	190.49-	285.73	238.11
9.391	9.386	0.005	645213	100.000	99	130.92-	196.38	163.65
9.511	9.506	0.005	330913	100.000	94	67.14-	100.72	83.93
9.952	9.948	0.004	549989	100.000	94	111.60-	167.39	139.49
10.648	10.647	0.001	721107	100.000	98	146.32-	219.47	182.90
11.116	11.118	-0.002	330215	100.000	100	67.00-	100.50	83.75
Average of Peak Amounts =					101			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.551	11.554	-0.003	2379304	25.0000	25	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464913.d

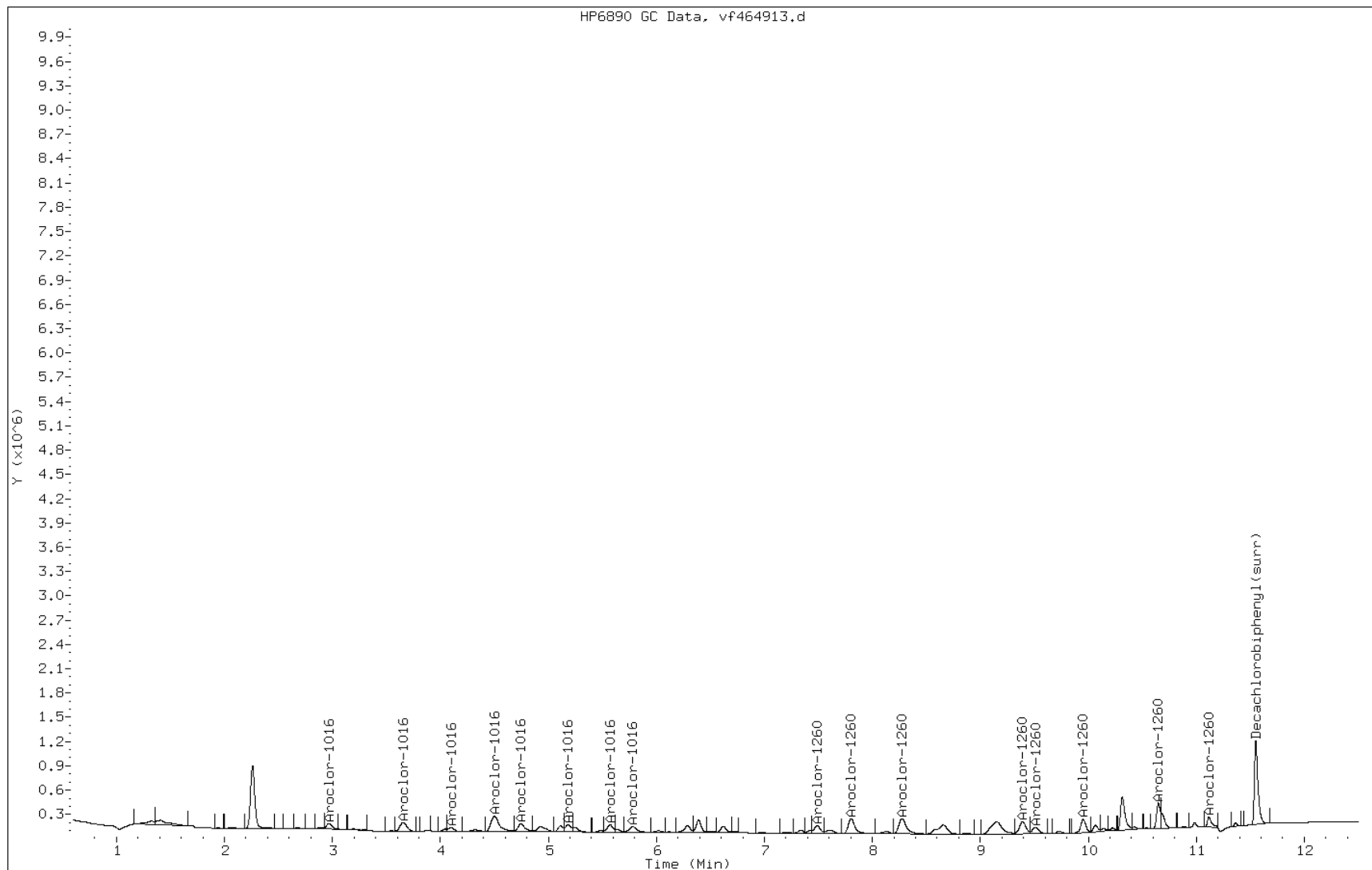
Date: 29-SEP-2011 12:19

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Data File: vf464914.d
 Report Date: 29-Sep-2011 15:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464914.d
 Lab Smp Id: IC-SG1660L2_00010
 Inj Date : 29-SEP-2011 12:34
 Operator : 615
 Smp Info : IC-SG1660L2_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:51 shanthi
 Cal Date : 29-SEP-2011 12:34
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464914.d
 Calibration Sample, Level: 2
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	CAL - AMT		ON - COL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE	(ug/L)	(ug/L)		=====		=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.966	2.965	0.001	1320281	500.000	540	80.00-	120.00	100.00(M)	
3.652	3.652	0.000	2882559	500.000	560	174.66-	262.00	218.33	
4.097	4.097	0.000	1246712	500.000	560	75.54-	113.31	94.43	
4.499	4.497	0.002	5595732	500.000	550	339.06-	508.59	423.83	
4.744	4.742	0.002	2631742	500.000	570	159.47-	239.20	199.33	
5.181	5.179	0.002	1575613	500.000	560	95.47-	143.21	119.34	
5.569	5.567	0.002	1801050	500.000	550	109.13-	163.70	136.41	
5.779	5.778	0.001	1832152	500.000	530	111.02-	166.52	138.77	
Average of Peak Amounts =					554				
27 Aroclor-1260					CAS #: 11096-82-5				
7.487	7.484	0.003	1974852	500.000	530	80.00-	120.00	100.00(M)	

Data File: vf464914.d
 Report Date: 29-Sep-2011 15:51

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)									
7.801	7.798	0.003	3994525	500.000	530	161.82- 242.72	202.27		
8.272	8.267	0.005	4638010	500.000	520	187.88- 281.82	234.85		
9.391	9.386	0.005	3535538	500.000	540	143.22- 214.83	179.03		
9.510	9.506	0.004	1911206	500.000	540	77.42- 116.13	96.78		
9.951	9.948	0.003	3118215	500.000	530	126.32- 189.48	157.90		
10.648	10.647	0.001	3899851	500.000	530	157.98- 236.97	197.48		
11.116	11.118	-0.002	1623331	500.000	520	65.76- 98.64	82.20		
Average of Peak Amounts =					530				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.549	11.554	-0.005	5301997	50.0000	56	80.00- 120.00	100.00		

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464914.d

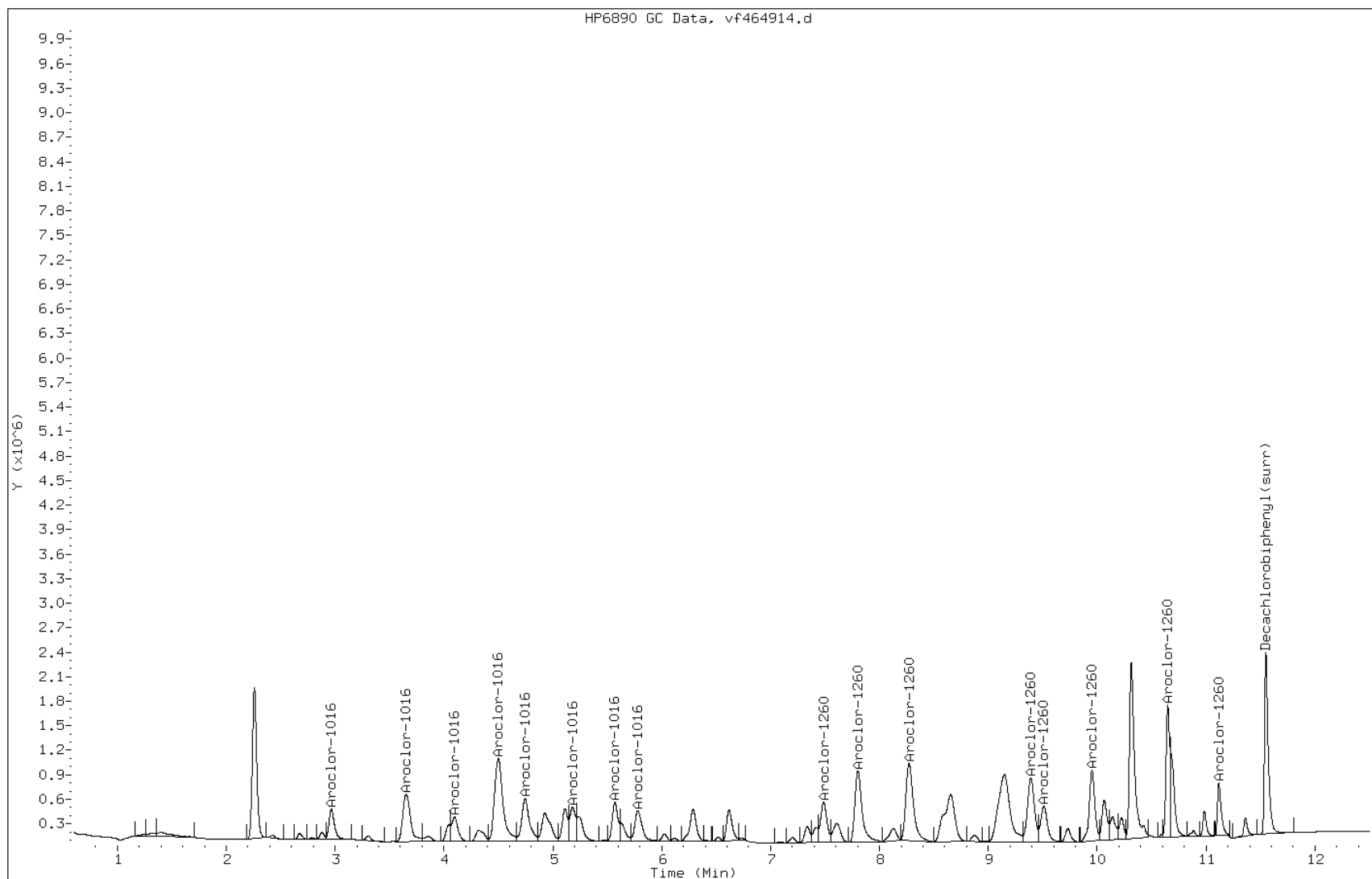
Date: 29-SEP-2011 12:34

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Data File: vf464915.d
Report Date: 29-Sep-2011 15:51

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464915.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 29-SEP-2011 12:50
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:51 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS								
			CAL -AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.965	2.965	0.000	2436325	1000.00	1000	80.00-	120.00	100.00(M)
3.652	3.652	0.000	5268996	1000.00	1000	173.01-	259.52	216.27
4.097	4.097	0.000	2314551	1000.00	1000	76.00-	114.00	95.00
4.497	4.497	0.000	10000889	1000.00	990	328.39-	492.59	410.49
4.742	4.742	0.000	4691489	1000.00	1000	154.05-	231.08	192.56
5.179	5.179	0.000	2746808	1000.00	980	90.20-	135.29	112.74
5.567	5.567	0.000	3228284	1000.00	980	106.01-	159.01	132.51
5.778	5.778	0.000	3280083	1000.00	960	107.71-	161.56	134.63
Average of Peak Amounts =					998			

27 Aroclor-1260					CAS #: 11096-82-5			
7.484	7.484	0.000	3904093	1000.00	1000	80.00-	120.00	100.00(M)

Data File: vf464915.d
 Report Date: 29-Sep-2011 15:51

AMOUNTS								
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
7.798	7.798	0.000	7699351	1000.00	1000	157.77-	236.65	197.21
8.267	8.267	0.000	9268093	1000.00	1000	189.92-	284.87	237.39
9.386	9.386	0.000	6803444	1000.00	1000	139.41-	209.12	174.26
9.506	9.506	0.000	3724916	1000.00	1000	76.33-	114.49	95.41
9.948	9.948	0.000	6159056	1000.00	1000	126.21-	189.31	157.76
10.647	10.647	0.000	7708745	1000.00	1000	157.96-	236.94	197.45
11.118	11.118	0.000	3253106	1000.00	1000	66.66-	99.99	83.33
Average of Peak Amounts =					1.04e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.554	11.554	0.000	9441793	100.000	100	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464915.d

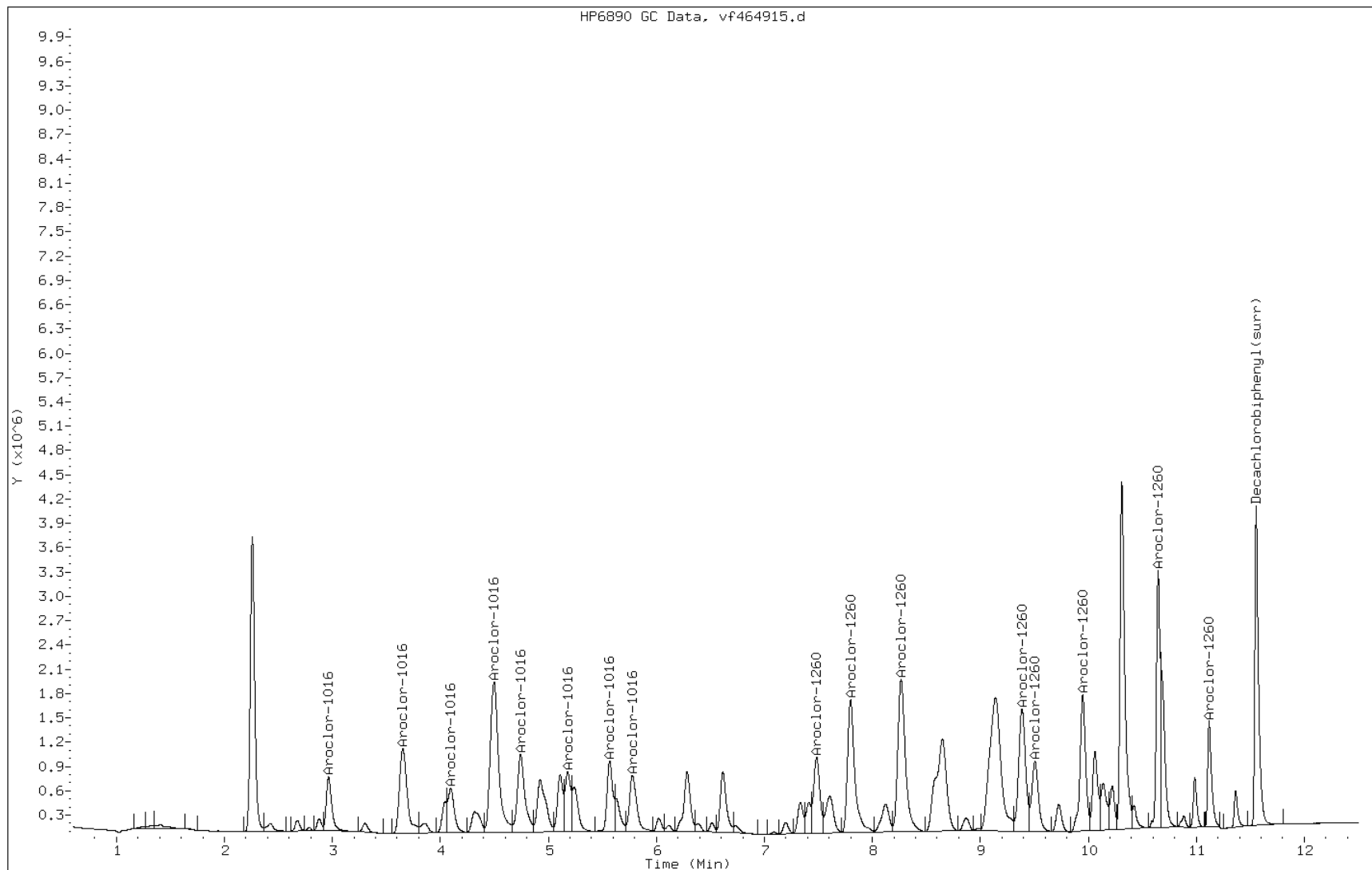
Date: 29-SEP-2011 12:50

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L3_00013

Operator: 615



Data File: vf464916.d
Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464916.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 29-SEP-2011 13:06
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:52 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 13:06 Cal File: vf464916.d
Als bottle: 9 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR16600S.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	CAL - AMT	ON - COL	RESPONSE (ug/L)		TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.963	2.965	-0.002	3643306	1500.00	1500	80.00- 120.00	100.00(M)		
3.649	3.652	-0.003	7662560	1500.00	1500	168.26- 252.38	210.32		
4.094	4.097	-0.003	3380425	1500.00	1500	74.23- 111.34	92.78		
4.495	4.497	-0.002	14665308	1500.00	1400	322.02- 483.03	402.53		
4.741	4.742	-0.001	6841685	1500.00	1500	150.23- 225.35	187.79		
5.178	5.179	-0.001	3989229	1500.00	1400	87.60- 131.39	109.49		
5.567	5.567	0.000	4821231	1500.00	1500	105.86- 158.80	132.33		
5.778	5.778	0.000	5096946	1500.00	1500	111.92- 167.88	139.90		
Average of Peak Amounts =					1.48e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.484	7.484	0.000	5392915	1500.00	1400	80.00- 120.00	100.00(M)		

Data File: vf464916.d
 Report Date: 29-Sep-2011 15:52

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.799	7.798	0.001	10725679	1500.00	1400	159.11-	238.66	198.88	
8.267	8.267	0.000	13002701	1500.00	1400	192.89-	289.33	241.11	
9.388	9.386	0.002	9488921	1500.00	1400	140.76-	211.14	175.95	
9.507	9.506	0.001	5248758	1500.00	1500	77.86-	116.79	97.33	
9.949	9.948	0.001	8740078	1500.00	1500	129.65-	194.48	162.07	
10.645	10.647	-0.002	10872314	1500.00	1500	161.28-	241.92	201.60	
11.114	11.118	-0.004	4455405	1500.00	1400	66.09-	99.14	82.62	
Average of Peak Amounts =					1.46e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.548	11.554	-0.006	13546740	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464916.d

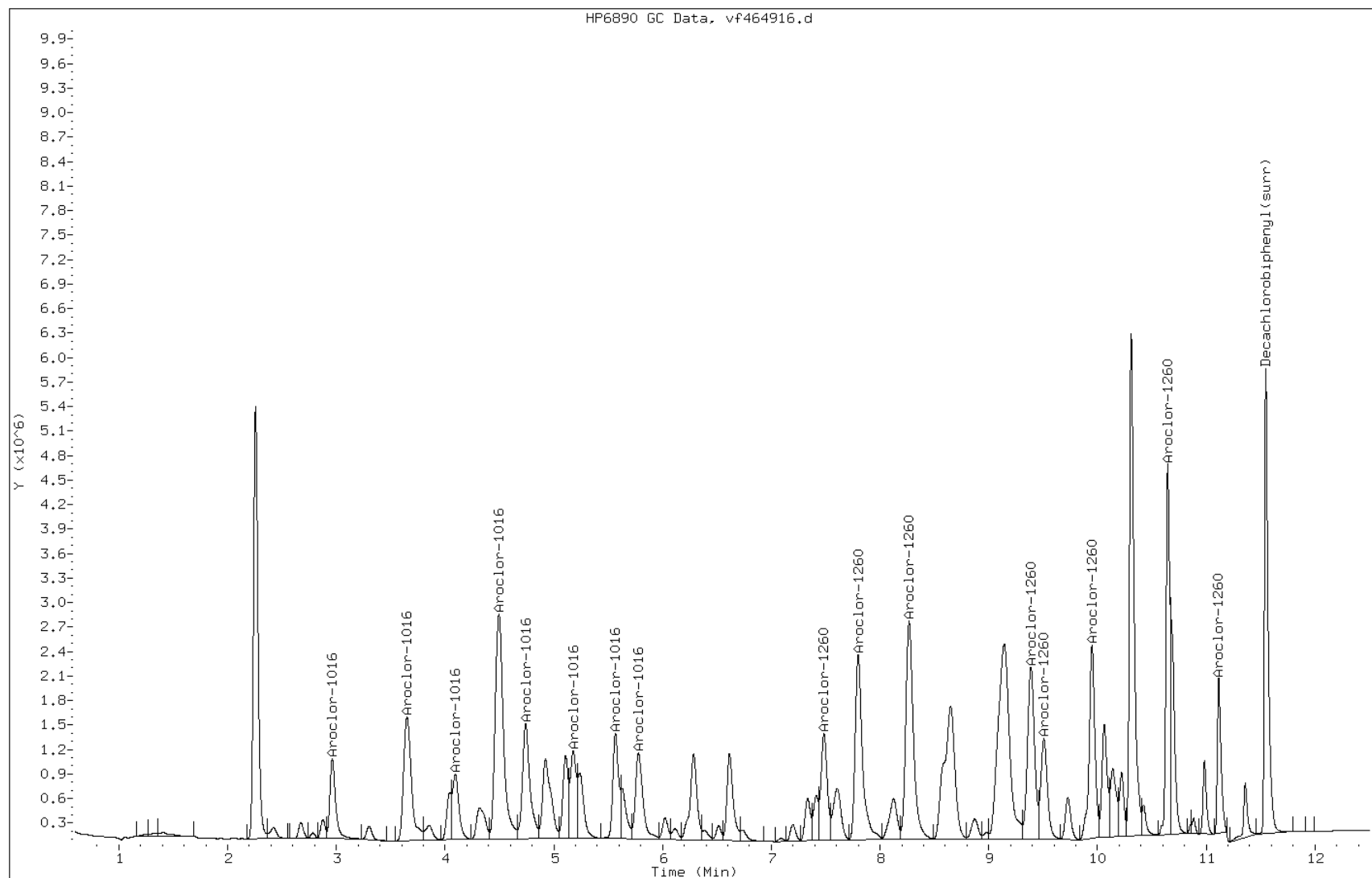
Date: 29-SEP-2011 13:06

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L4_00010

Operator: 615



Data File: vf464917.d
 Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464917.d
 Lab Smp Id: IC-SG1660L5_00010
 Inj Date : 29-SEP-2011 13:21
 Operator : 615
 Smp Info : IC-SG1660L5_00010
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:52 shanthi
 Cal Date : 29-SEP-2011 13:21
 Als bottle: 10
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464917.d
 Calibration Sample, Level: 5
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.967	2.965	0.002	5457911	2500.00	2200	80.00-	120.00	100.00(M)	
3.655	3.652	0.003	11901426	2500.00	2300	174.45-	261.67	218.06	
4.098	4.097	0.001	5289876	2500.00	2400	77.54-	116.31	96.92	
4.499	4.497	0.002	22730183	2500.00	2200	333.17-	499.76	416.46	
4.744	4.742	0.002	10592089	2500.00	2300	155.25-	232.88	194.07	
5.182	5.179	0.003	6140582	2500.00	2200	90.01-	135.01	112.51	
5.570	5.567	0.003	7172883	2500.00	2200	105.14-	157.71	131.42	
5.780	5.778	0.002	7863262	2500.00	2300	115.26-	172.89	144.07	
Average of Peak Amounts =					2.27e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.485	7.484	0.001	8429685	2500.00	2200	80.00-	120.00	100.00(M)	

Data File: vf464917.d
 Report Date: 29-Sep-2011 15:52

AMOUNTS								
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.800	7.798	0.002	16790718	2500.00	2200	159.35-	239.02	199.19
8.267	8.267	0.000	20409881	2500.00	2300	193.70-	290.54	242.12
9.388	9.386	0.002	14799081	2500.00	2300	140.45-	210.67	175.56
9.507	9.506	0.001	8294418	2500.00	2300	78.72-	118.07	98.40
9.950	9.948	0.002	13712719	2500.00	2300	130.14-	195.21	162.67
10.645	10.647	-0.002	16712450	2500.00	2300	158.61-	237.91	198.26
11.114	11.118	-0.004	7236052	2500.00	2300	68.67-	103.01	85.84
Average of Peak Amounts =					2.29e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.545	11.554	-0.009	16834221	200.000	180	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464917.d

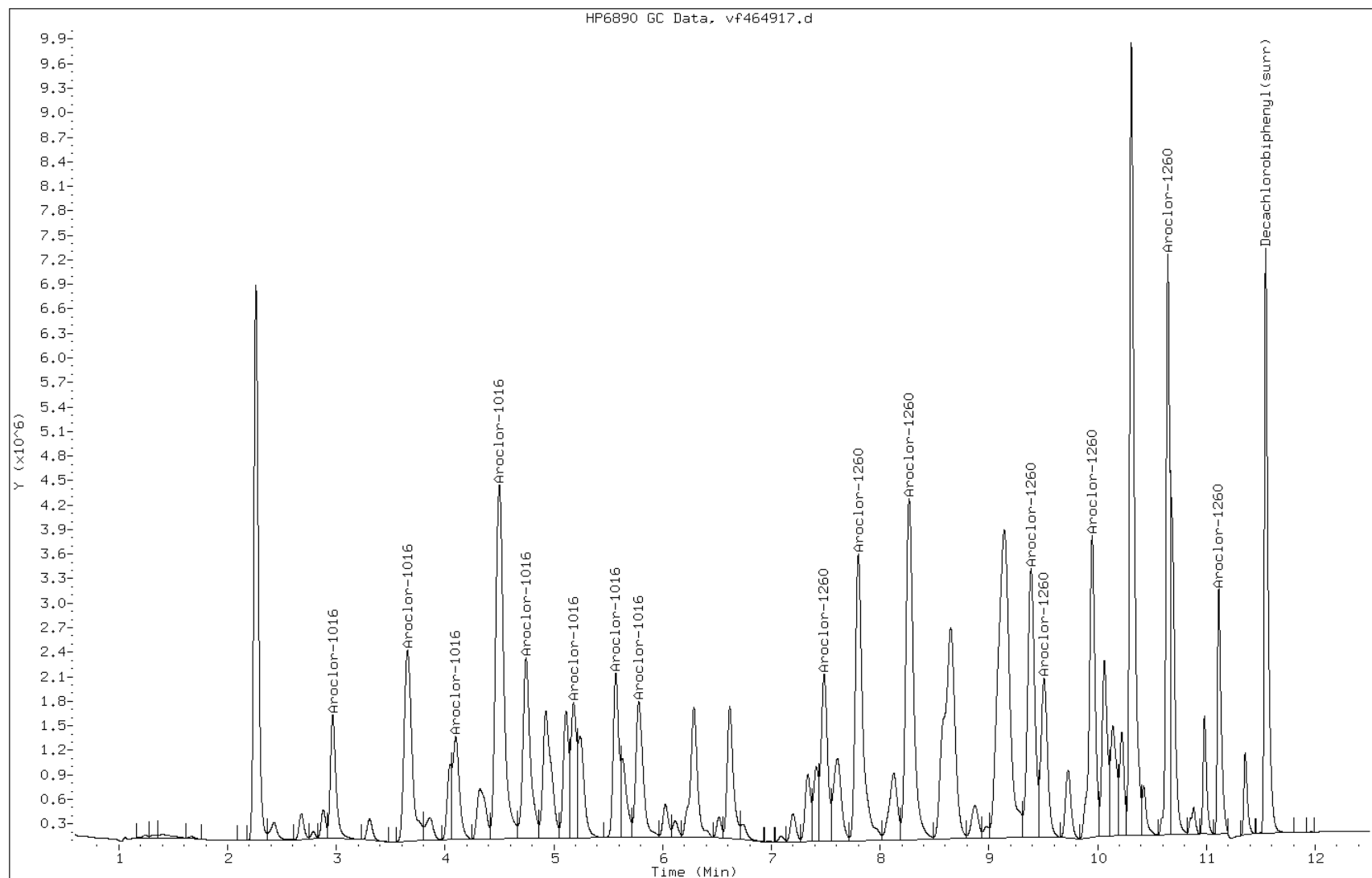
Date: 29-SEP-2011 13:21

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L5_00010

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vr464913.d
Level 2	IC 460-87766/7	vr464914.d
Level 3	IC 460-87766/8	vr464915.d
Level 4	IC 460-87766/9	vr464916.d
Level 5	IC 460-87766/10	vr464917.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.097	2.096	2.095	2.094	2.095						2.025 - 2.165	2.096
PCB-1016 Peak 2	2.536	2.534	2.534	2.534	2.535						2.464 - 2.604	2.535
PCB-1016 Peak 3	2.788	2.786	2.785	2.784	2.785						2.715 - 2.855	2.786
PCB-1016 Peak 4	3.148	3.143	3.142	3.139	3.142						3.072 - 3.212	3.143
PCB-1016 Peak 5	3.352	3.347	3.345	3.342	3.345						3.275 - 3.415	3.346
PCB-1016 Peak 6	3.696	3.696	3.696	3.694	3.698						3.626 - 3.766	3.696
PCB-1016 Peak 7	4.059	4.055	4.054	4.054	4.056						3.984 - 4.124	4.056
PCB-1016 Peak 8	4.214	4.206	4.202	4.202	4.205						4.132 - 4.272	4.206
PCB-1260 Peak 1	6.094	6.091	6.089	6.089	6.090						6.019 - 6.159	6.091
PCB-1260 Peak 2	6.551	6.546	6.543	6.543	6.542						6.473 - 6.613	6.545
PCB-1260 Peak 3	7.000	6.992	6.988	6.989	6.987						6.918 - 7.058	6.991
PCB-1260 Peak 4	7.190	7.187	7.185	7.186	7.185						7.115 - 7.255	7.187
PCB-1260 Peak 5	7.628	7.626	7.623	7.624	7.624						7.553 - 7.693	7.625
PCB-1260 Peak 6	8.940	8.935	8.928	8.928	8.925						8.858 - 8.998	8.931
PCB-1260 Peak 7	9.151	9.148	9.145	9.146	9.145						9.075 - 9.215	9.147
PCB-1260 Peak 8	10.184	10.181	10.179	10.179	10.178						10.109 - 10.249	10.180
DCB Decachlorobiphenyl	10.638	10.637	10.637	10.637	10.636						10.537 - 10.737	10.637

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vr464913.d
Level 2	IC 460-87766/7	vr464914.d
Level 3	IC 460-87766/8	vr464915.d
Level 4	IC 460-87766/9	vr464916.d
Level 5	IC 460-87766/10	vr464917.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1016 Peak 1	4262.0 3386.4	4322.1	4079.1	3951.2	Ave		4000.17047				9.3		20.0			
PCB-1016 Peak 2	7657.9 6760.0	8234.3	7547.5	7387.8	Ave		7517.51035				7.1		20.0			
PCB-1016 Peak 3	4122.8 4860.6	5487.3	5423.2	5571.4	Ave		5093.05936				12.0		20.0			
PCB-1016 Peak 4	14993 14249	17077	15832	15675	Ave		15565.1410				6.8		20.0			
PCB-1016 Peak 5	5221.0 5774.6	6877.9	6408.7	6419.9	Ave		6140.43536				10.5		20.0			
PCB-1016 Peak 6	6952.9 6441.5	7448.9	7130.5	6617.8	Ave		6918.33145				5.8		20.0			
PCB-1016 Peak 7	5816.3 5782.2	6511.3	6170.7	6127.7	Ave		6081.62184				4.9		20.0			
PCB-1016 Peak 8	2429.6 2998.1	3223.6	2976.1	2979.2	Ave		2921.31181				10.1		20.0			
PCB-1260 Peak 1	10624 8781.9	11002	9976.4	9644.9	Ave		10005.7368				8.7		20.0			
PCB-1260 Peak 2	20213 16201	19821	19217	17866	Ave		18663.5302				8.8		20.0			
PCB-1260 Peak 3	16321 14810	16911	17442	16435	Ave		16383.8043				6.0		20.0			
PCB-1260 Peak 4	9708.1 8337.3	10323	10132	9349.9	Ave		9570.06953				8.2		20.0			
PCB-1260 Peak 5	7707.7 7295.8	8271.7	8614.6	8226.1	Ave		8023.17341				6.5		20.0			
PCB-1260 Peak 6	6957.9 9148.9	8361.3	9212.5	9421.0	Ave		8620.33703				11.7		20.0			
PCB-1260 Peak 7	5662.4 6786.1	7884.6	7850.2	7388.8	Ave		7114.43532				13.0		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
PCB-1260 Peak 8	4247.6 5292.4	5552.1	5551.2	5410.6	Ave		5210.77188				10.5		20.0			
DCB Decachlorobiphenyl	150864 134526	165782	151164	142988	Ave		149064.544				7.8		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 12:19 Calibration End Date: 09/29/2011 13:21 Calibration ID: 12467

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/6	vr464913.d
Level 2	IC 460-87766/7	vr464914.d
Level 3	IC 460-87766/8	vr464915.d
Level 4	IC 460-87766/9	vr464916.d
Level 5	IC 460-87766/10	vr464917.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	Ave	426201	2161074	4079085	5926763	8466085	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	765790	4117174	7547518	11081657	16900036	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	412282	2743645	5423204	8357121	12151422	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1499250	8538681	15832256	23511879	35622503	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	522104	3438948	6408680	9629883	14436597	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	695285	3724452	7130543	9926740	16103834	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	581630	3255658	6170652	9191496	14455443	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	242958	1611778	2976068	4468834	7495331	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	1062376	5500895	9976383	14467317	21954682	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	2021348	9910339	19216631	26799494	40501332	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	1632138	8455392	17442154	24652031	37025040	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	970812	5161327	10132385	14024872	20843185	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	770766	4135859	8614616	12339136	18239456	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	695787	4180662	9212549	14131571	22872237	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	566239	3942323	7850239	11083269	16965139	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	424755	2776044	5551213	8115948	13230941	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	3771602	8289087	15116355	21448134	26905158	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464913.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 29-SEP-2011 12:19
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 6
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 1
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.097	2.095	0.002	426201 100.000	110 80.00- 120.00	100.00(M)	
2.536	2.534	0.002	765790 100.000	100 159.70- 239.54	179.68	
2.788	2.785	0.003	412282 100.000	81 114.82- 172.24	96.73	
3.148	3.142	0.006	1499250 100.000	96 336.61- 504.92	351.77	
3.352	3.345	0.007	522104 100.000	85 136.42- 204.63	122.50	
3.696	3.696	0.000	695285 100.000	100 152.17- 228.26	163.14	
4.059	4.054	0.005	581630 100.000	96 136.60- 204.89	136.47	
4.214	4.202	0.012	242958 100.000	83 70.83- 106.24	57.01	
Average of Peak Amounts =			93.8			
27 Aroclor-1260			CAS #: 11096-82-5			
6.094	6.089	0.005	1062376 100.000	110 80.00- 120.00	100.00(M)	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.551	6.543	0.008	2021348	100.000	110	147.58-	221.37	190.27	
7.000	6.988	0.012	1632138	100.000	100	134.91-	202.37	153.63	
7.190	7.185	0.005	970812	100.000	100	75.95-	113.92	91.38	
7.628	7.623	0.005	770766	100.000	96	66.46-	99.69	72.55	
8.940	8.928	0.012	695787	100.000	81	83.34-	125.02	65.49	
9.151	9.145	0.006	566239	100.000	80	61.82-	92.73	53.30	
10.184	10.179	0.005	424755	100.000	82	48.21-	72.32	39.98	
Average of Peak Amounts =					94.2				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.638	10.637	0.001	3771602	25.0000	25	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464913.d

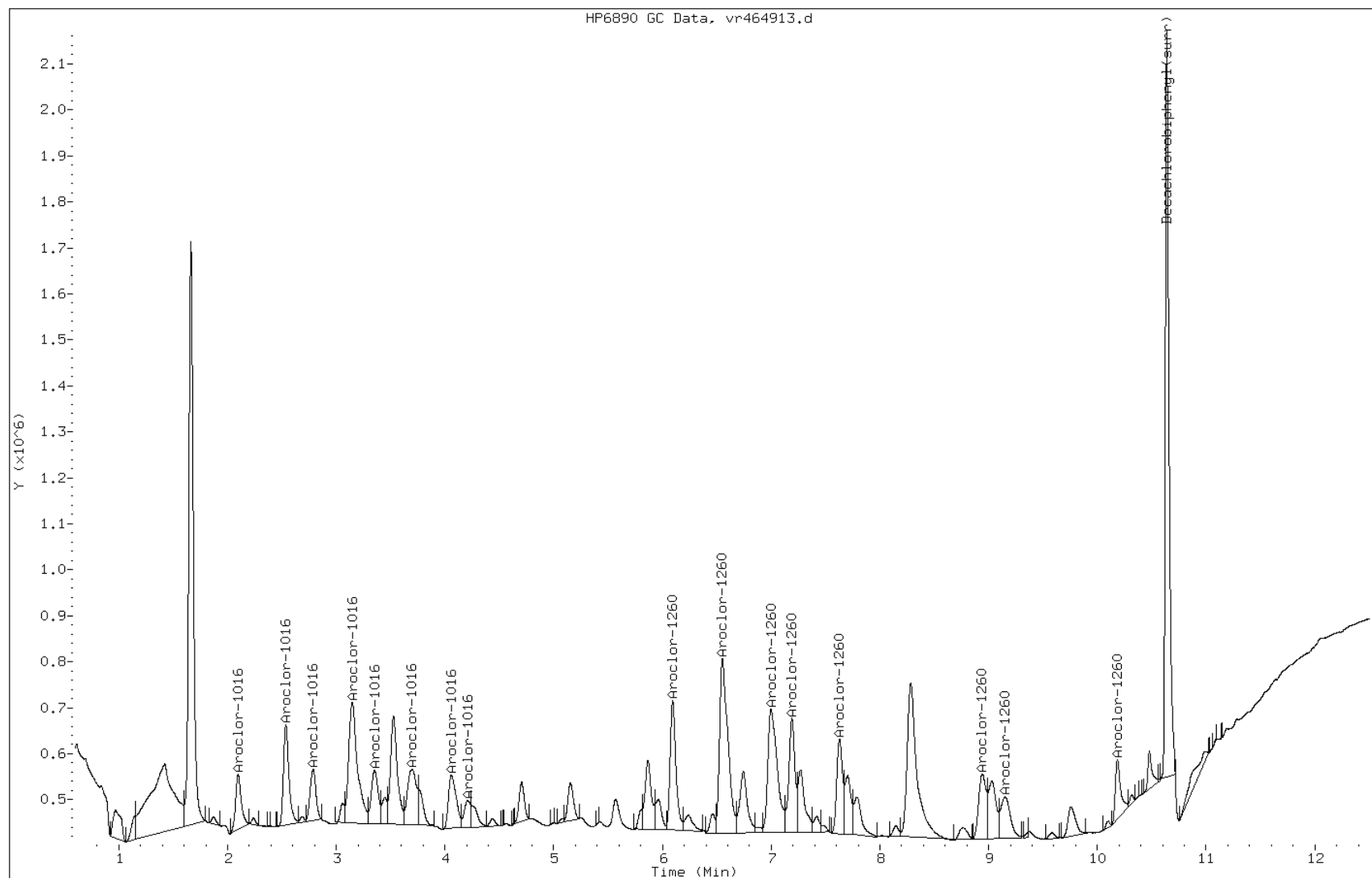
Date: 29-SEP-2011 12:19

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Manual Integration Report

Data File: vr464913.d
Inj. Date and Time: 29-SEP-2011 12:19
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/29/2011

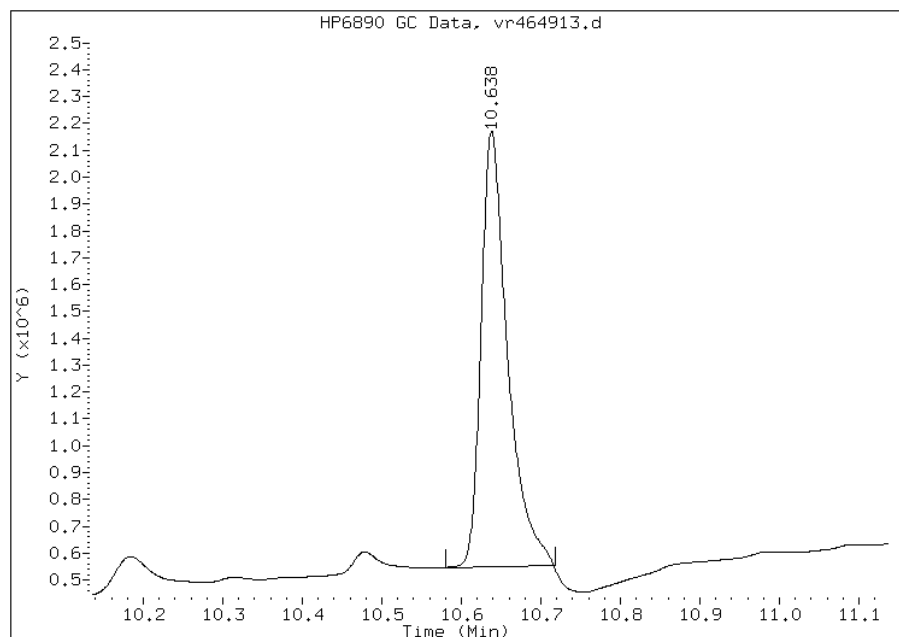
Processing Integration Results

Not Detected

Expected RT: 10.64

Manual Integration Results

RT: 10.64
Response: 3771602
Amount: 25.30
Conc: 25.30



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464914.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 29-SEP-2011 12:34
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 7
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 2
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.096	2.095	0.001	2161074	500.000	540	80.00-	120.00	100.00(M)	
2.534	2.534	0.000	4117174	500.000	550	159.70-	239.54	190.52	
2.786	2.785	0.001	2743645	500.000	540	114.82-	172.24	126.96	
3.143	3.142	0.001	8538681	500.000	550	336.61-	504.92	395.11	
3.347	3.345	0.002	3438948	500.000	560	136.42-	204.63	159.13	
3.696	3.696	0.000	3724452	500.000	540	152.17-	228.26	172.34	
4.055	4.054	0.001	3255658	500.000	540	136.60-	204.89	150.65	
4.206	4.202	0.004	1611778	500.000	550	70.83-	106.24	74.58	
Average of Peak Amounts =					545				

27 Aroclor-1260					CAS #: 11096-82-5				
6.091	6.089	0.002	5500895	500.000	550	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.546	6.543	0.003	9910339	500.000	530	147.58-	221.37	180.16	
6.992	6.988	0.004	8455392	500.000	520	134.91-	202.37	153.71	
7.187	7.185	0.002	5161327	500.000	540	75.95-	113.92	93.83	
7.626	7.623	0.003	4135859	500.000	520	66.46-	99.69	75.19	
8.935	8.928	0.007	4180662	500.000	480	83.34-	125.02	76.00	
9.148	9.145	0.003	3942323	500.000	550	61.82-	92.73	71.67	
10.181	10.179	0.002	2776044	500.000	530	48.21-	72.32	50.47	
Average of Peak Amounts =					528				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.637	10.637	0.000	8289087	50.0000	56	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: vr464914.d
Inj. Date and Time: 29-SEP-2011 12:34
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/29/2011

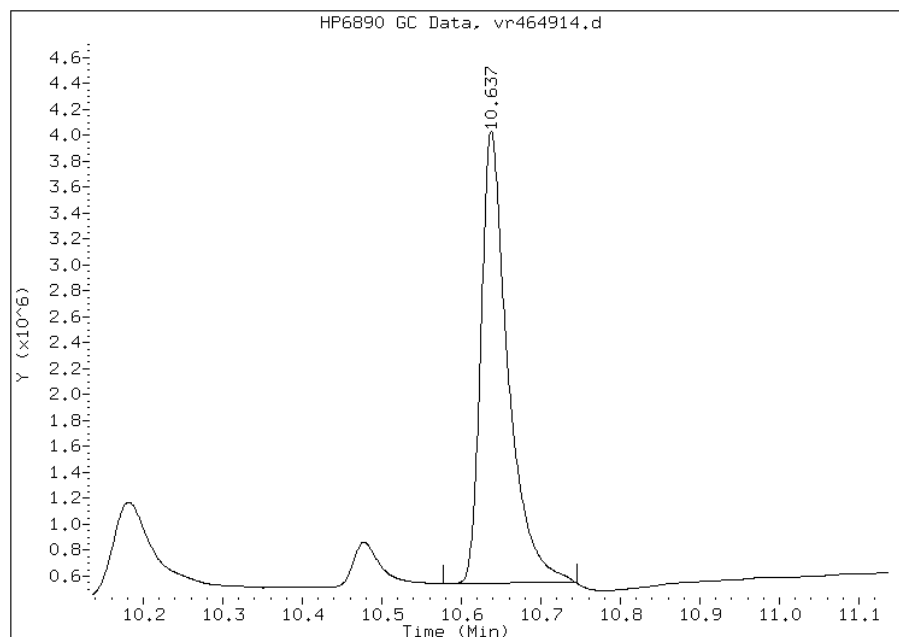
Processing Integration Results

Not Detected

Expected RT: 10.64

Manual Integration Results

RT: 10.64
Response: 8289087
Amount: 55.61
Conc: 55.61



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464915.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 29-SEP-2011 12:50
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 3
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	RESPONSE	CAL - AMT (ug/L)	ON - COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.095	2.095	0.000	4079085	1000.00	1000	80.00-	120.00	100.00(M)	
2.534	2.534	0.000	7547518	1000.00	1000	159.70-	239.54	185.03	
2.785	2.785	0.000	5423204	1000.00	1100	114.82-	172.24	132.95	
3.142	3.142	0.000	15832256	1000.00	1000	336.61-	504.92	388.13	
3.345	3.345	0.000	6408680	1000.00	1000	136.42-	204.63	157.11	
3.696	3.696	0.000	7130543	1000.00	1000	152.17-	228.26	174.81	
4.054	4.054	0.000	6170652	1000.00	1000	136.60-	204.89	151.28	
4.202	4.202	0.000	2976068	1000.00	1000	70.83-	106.24	72.96	
Average of Peak Amounts =					1.03e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.089	0.000	9976383	1000.00	1000	80.00-	120.00	100.00	

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.543	6.543	0.000	19216631	1000.00	1000	147.58-	221.37	192.62	
6.988	6.988	0.000	17442154	1000.00	1100	134.91-	202.37	174.83	
7.185	7.185	0.000	10132385	1000.00	1000	75.95-	113.92	101.56	
7.623	7.623	0.000	8614616	1000.00	1100	66.46-	99.69	86.35	
8.928	8.928	0.000	9212549	1000.00	1100	83.34-	125.02	92.34	
9.145	9.145	0.000	7850239	1000.00	1100	61.82-	92.73	78.69	
10.179	10.179	0.000	5551213	1000.00	1100	48.21-	72.32	55.64	
Average of Peak Amounts =					1.06e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.637	10.637	0.000	15116355	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464915.d

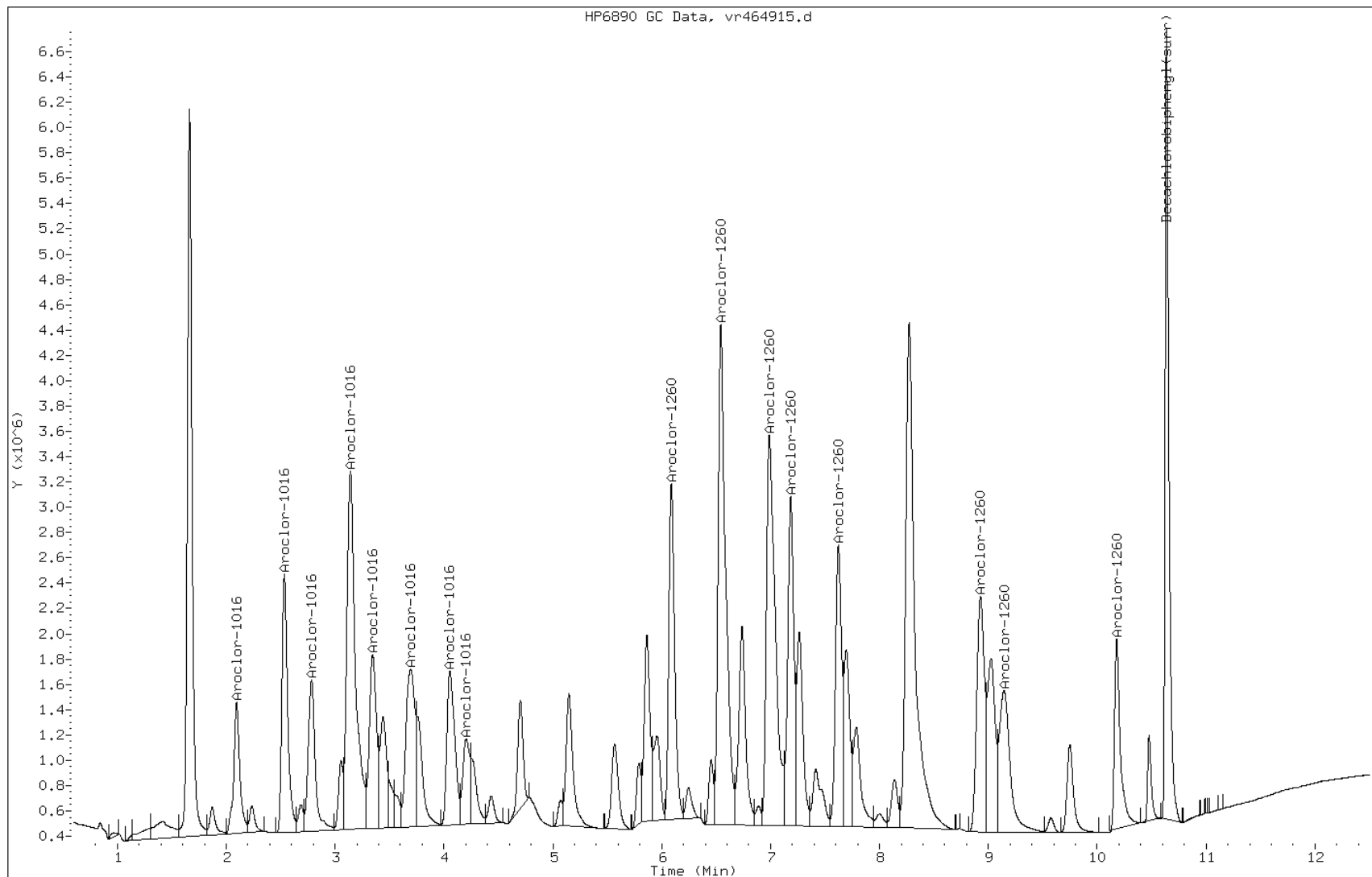
Date: 29-SEP-2011 12:50

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L3_00013

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464916.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 29-SEP-2011 13:06
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 4
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	RESPONSE	CAL -AMT (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.094	2.095	-0.001	5926763	1500.00	1500	80.00-	120.00	100.00(M)	
2.534	2.534	0.000	11081657	1500.00	1500	159.70-	239.54	186.98	
2.784	2.785	-0.001	8357121	1500.00	1600	114.82-	172.24	141.01	
3.139	3.142	-0.003	23511879	1500.00	1500	336.61-	504.92	396.71	
3.342	3.345	-0.003	9629883	1500.00	1600	136.42-	204.63	162.48	
3.694	3.696	-0.002	9926740	1500.00	1400	152.17-	228.26	167.49	
4.053	4.054	-0.001	9191496	1500.00	1500	136.60-	204.89	155.08	
4.202	4.202	0.000	4468834	1500.00	1500	70.83-	106.24	75.40	
Average of Peak Amounts =					1.52e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.089	6.089	0.000	14467317	1500.00	1400	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.543	6.543	0.000	26799494	1500.00	1400	147.58-	221.37	185.24	
6.989	6.988	0.001	24652031	1500.00	1500	134.91-	202.37	170.40	
7.186	7.185	0.001	14024872	1500.00	1500	75.95-	113.92	96.94	
7.624	7.623	0.001	12339136	1500.00	1500	66.46-	99.69	85.29	
8.928	8.928	0.000	14131571	1500.00	1600	83.34-	125.02	97.68	
9.146	9.145	0.001	11083269	1500.00	1600	61.82-	92.73	76.61	
10.178	10.179	-0.001	8115948	1500.00	1600	48.21-	72.32	56.10	
Average of Peak Amounts =					1.52e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.637	10.637	0.000	21448134	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464916.d

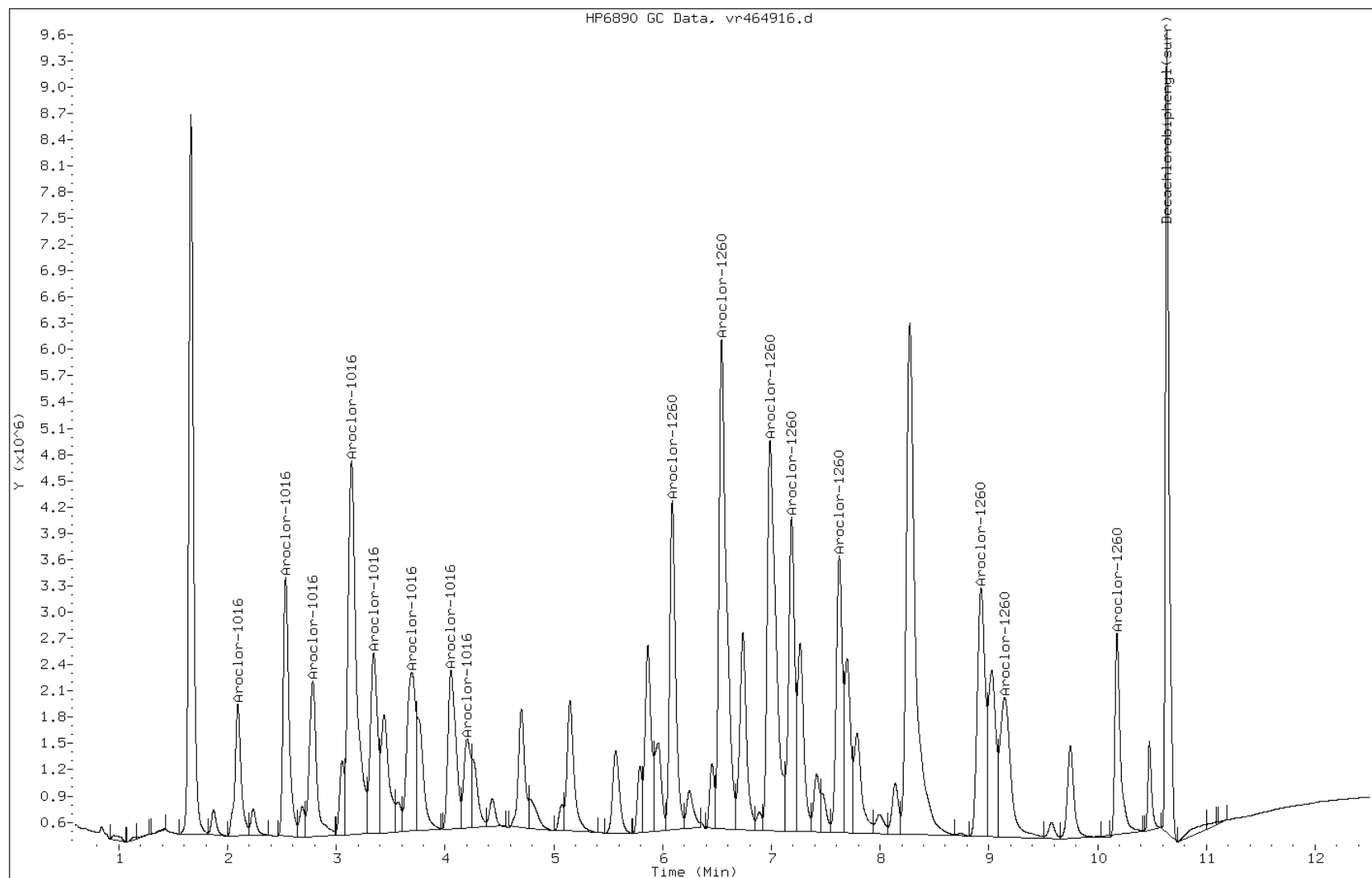
Date: 29-SEP-2011 13:06

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464917.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 29-SEP-2011 13:21
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 5
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.095	2.095	0.000	8466085	2500.00	2100	80.00-	120.00	100.00(M)	
2.535	2.534	0.001	16900036	2500.00	2200	159.70-	239.54	199.62	
2.785	2.785	0.000	12151422	2500.00	2400	114.82-	172.24	143.53	
3.142	3.142	0.000	35622503	2500.00	2300	336.61-	504.92	420.77	
3.345	3.345	0.000	14436597	2500.00	2400	136.42-	204.63	170.52	
3.698	3.696	0.002	16103834	2500.00	2300	152.17-	228.26	190.22	
4.056	4.054	0.002	14455443	2500.00	2400	136.60-	204.89	170.75	
4.205	4.202	0.003	7495331	2500.00	2600	70.83-	106.24	88.53	
Average of Peak Amounts =					2.33e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.090	6.089	0.001	21954682	2500.00	2200	80.00-	120.00	100.00	

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.542	6.543	-0.001	40501332	2500.00	2200	147.58-	221.37	184.48	
6.987	6.988	-0.001	37025040	2500.00	2200	134.91-	202.37	168.64	
7.185	7.185	0.000	20843185	2500.00	2200	75.95-	113.92	94.94	
7.624	7.623	0.001	18239456	2500.00	2300	66.46-	99.69	83.08	
8.925	8.928	-0.003	22872237	2500.00	2600	83.34-	125.02	104.18	
9.145	9.145	0.000	16965139	2500.00	2400	61.82-	92.73	77.27	
10.178	10.179	-0.001	13230941	2500.00	2500	48.21-	72.32	60.26	
Average of Peak Amounts =					2.33e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.636	10.637	-0.001	26905158	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464917.d

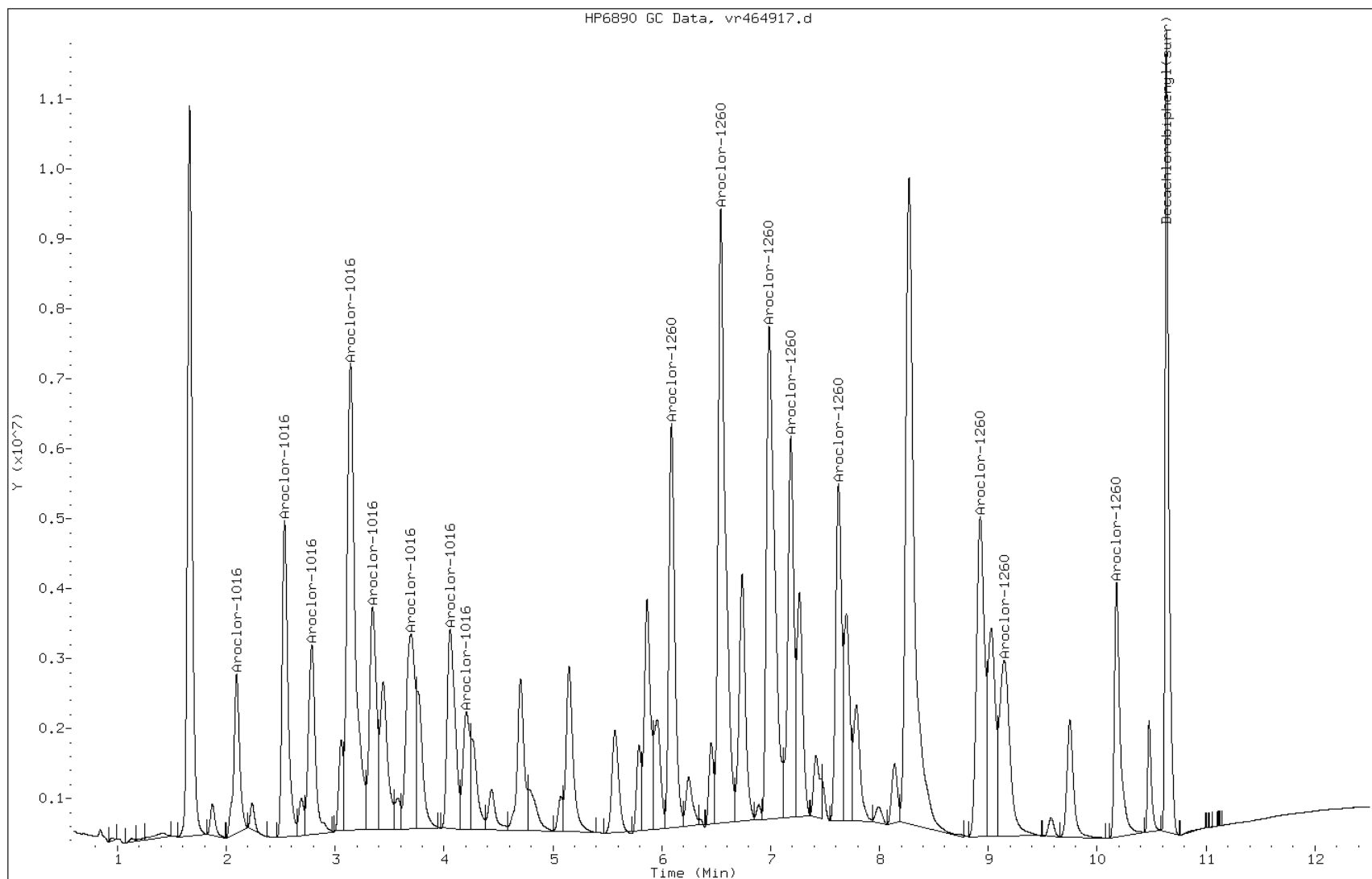
Date: 29-SEP-2011 13:21

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L5_00010

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vf464918.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.665										1.595 - 1.735	1.665
PCB-1221 Peak 2	2.137										2.067 - 2.207	2.137
PCB-1221 Peak 3	2.675										2.605 - 2.745	2.675
PCB-1221 Peak 4	2.876										2.806 - 2.946	2.876
PCB-1221 Peak 5	2.965										2.895 - 3.035	2.965
PCB-1221 Peak 6	3.645										3.575 - 3.715	3.645
PCB-1221 Peak 7	3.761										3.691 - 3.831	3.761
PCB-1221 Peak 8	4.500										4.430 - 4.570	4.500

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vf464918.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	1207.0				Ave		1207.02500						20.0			
PCB-1221 Peak 2	281.16				Ave		281.162000						20.0			
PCB-1221 Peak 3	1451.2				Ave		1451.18300						20.0			
PCB-1221 Peak 4	980.70				Ave		980.695000						20.0			
PCB-1221 Peak 5	3852.2				Ave		3852.16000						20.0			
PCB-1221 Peak 6	613.97				Ave		613.965000						20.0			
PCB-1221 Peak 7	725.27				Ave		725.266000						20.0			
PCB-1221 Peak 8	639.53				Ave		639.534000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12476

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vf464918.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1207025					1000				
PCB-1221 Peak 2	Ave	281162					1000				
PCB-1221 Peak 3	Ave	1451183					1000				
PCB-1221 Peak 4	Ave	980695					1000				
PCB-1221 Peak 5	Ave	3852160					1000				
PCB-1221 Peak 6	Ave	613965					1000				
PCB-1221 Peak 7	Ave	725266					1000				
PCB-1221 Peak 8	Ave	639534					1000				

Curve Type Legend:

Ave = Average

Data File: vf464918.d
 Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464918.d
 Lab Smp Id: IC-SG1221L3_00012
 Inj Date : 29-SEP-2011 13:37
 Operator : 615
 Smp Info : IC-SG1221L3_00012
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:52 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 11
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12210.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE		RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
22 Aroclor-1221					CAS #: 11104-28-2				
1.665	1.665	0.000	1207025	1000.00	1000	80.00-	120.00		100.00
2.137	2.137	0.000	281162	1000.00	1000	18.64-	27.95		23.29
2.675	2.675	0.000	1451183	1000.00	1000	96.18-	144.27		120.23
2.876	2.876	0.000	980695	1000.00	1000	65.00-	97.50		81.25
2.965	2.965	0.000	3852160	1000.00	1000	255.32-	382.97		319.15
3.645	3.645	0.000	613965	1000.00	1000	40.69-	61.04		50.87
3.761	3.761	0.000	725266	1000.00	1000	48.07-	72.10		60.09
4.500	4.500	0.000	639534	1000.00	1000	42.39-	63.58		52.98
Average of Peak Amounts =					1e+03				

Data File: vf464918.d

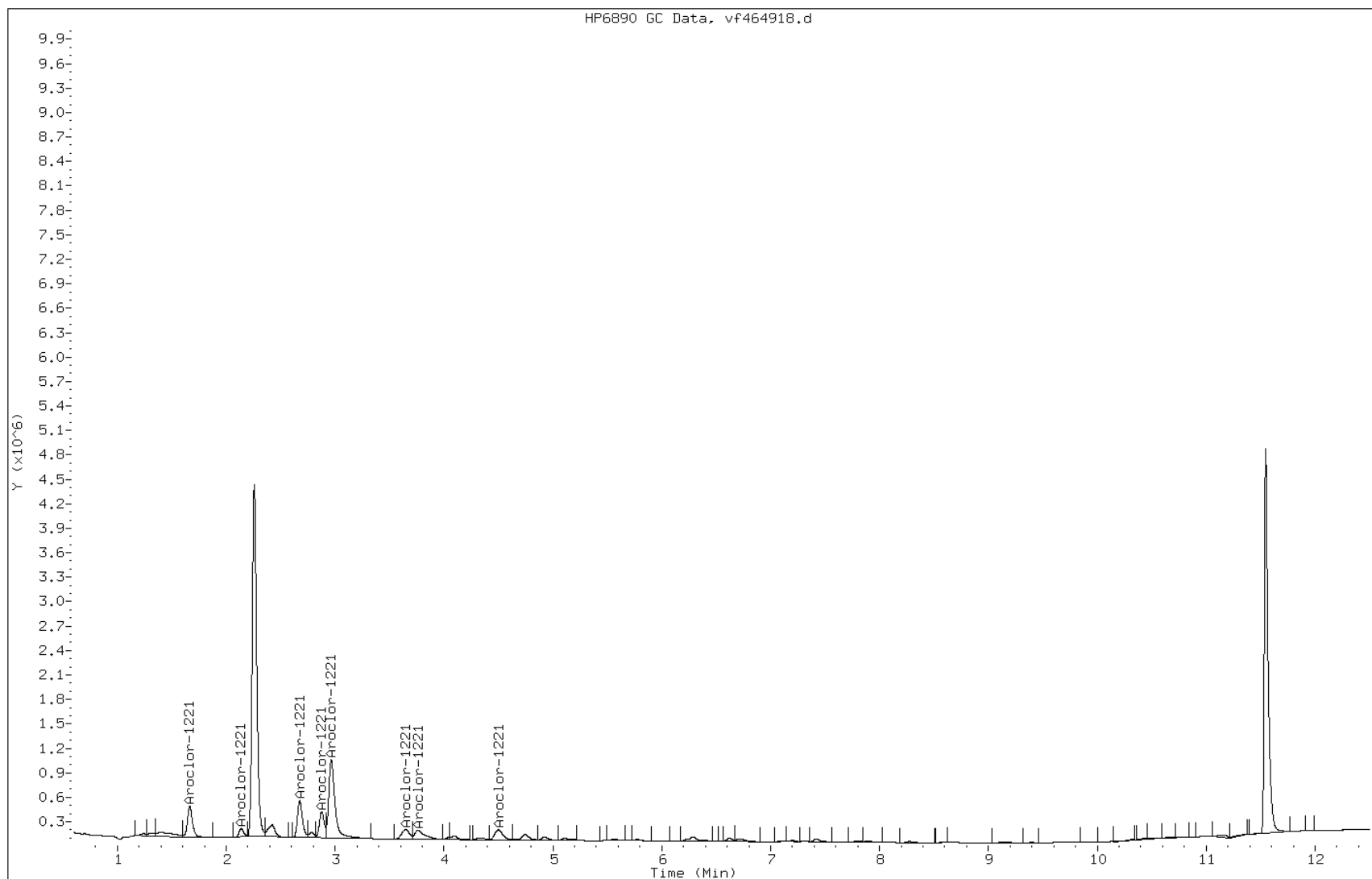
Date: 29-SEP-2011 13:37

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1221L3_00012

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vr464918.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.124										1.054 - 1.194	1.124
PCB-1221 Peak 2	1.525										1.455 - 1.595	1.525
PCB-1221 Peak 3	1.871										1.801 - 1.941	1.871
PCB-1221 Peak 4	2.093										2.023 - 2.163	2.093
PCB-1221 Peak 5	2.535										2.465 - 2.605	2.535
PCB-1221 Peak 6	2.780										2.710 - 2.850	2.780
PCB-1221 Peak 7	3.146										3.076 - 3.216	3.146
PCB-1221 Peak 8	3.344										3.274 - 3.414	3.344

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vr464918.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1221 Peak 1	1953.6				Ave		1953.58100						20.0			
PCB-1221 Peak 2	714.29				Ave		714.287000						20.0			
PCB-1221 Peak 3	2409.2				Ave		2409.22500						20.0			
PCB-1221 Peak 4	6801.0				Ave		6800.96400						20.0			
PCB-1221 Peak 5	496.66				Ave		496.656000						20.0			
PCB-1221 Peak 6	543.68				Ave		543.682000						20.0			
PCB-1221 Peak 7	912.80				Ave		912.798000						20.0			
PCB-1221 Peak 8	300.53				Ave		300.529000						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:37 Calibration End Date: 09/29/2011 13:37 Calibration ID: 12468

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/11	vr464918.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	1953581					1000				
PCB-1221 Peak 2	Ave	714287					1000				
PCB-1221 Peak 3	Ave	2409225					1000				
PCB-1221 Peak 4	Ave	6800964					1000				
PCB-1221 Peak 5	Ave	496656					1000				
PCB-1221 Peak 6	Ave	543682					1000				
PCB-1221 Peak 7	Ave	912798					1000				
PCB-1221 Peak 8	Ave	300529					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464918.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 29-SEP-2011 13:37
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 3
Compound Sublist: AR12210.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
22 Aroclor-1221			CAS #: 11104-28-2			
1.124	1.124	0.000	1953581	1000.00	1000 80.00- 120.00	100.00
1.525	1.525	0.000	714287	1000.00	1000 29.25- 43.88	36.56
1.871	1.871	0.000	2409225	1000.00	1000 98.66- 147.99	123.32
2.093	2.093	0.000	6800964	1000.00	1000 278.50- 417.75	348.13
2.535	2.535	0.000	496656	1000.00	1000 20.34- 30.51	25.42
2.780	2.780	0.000	543682	1000.00	1000 22.26- 33.40	27.83
3.146	3.146	0.000	912798	1000.00	1000 37.38- 56.07	46.72
3.344	3.344	0.000	300529	1000.00	1000 12.31- 18.46	15.38
Average of Peak Amounts =			1e+03			

Data File: vr464918.d

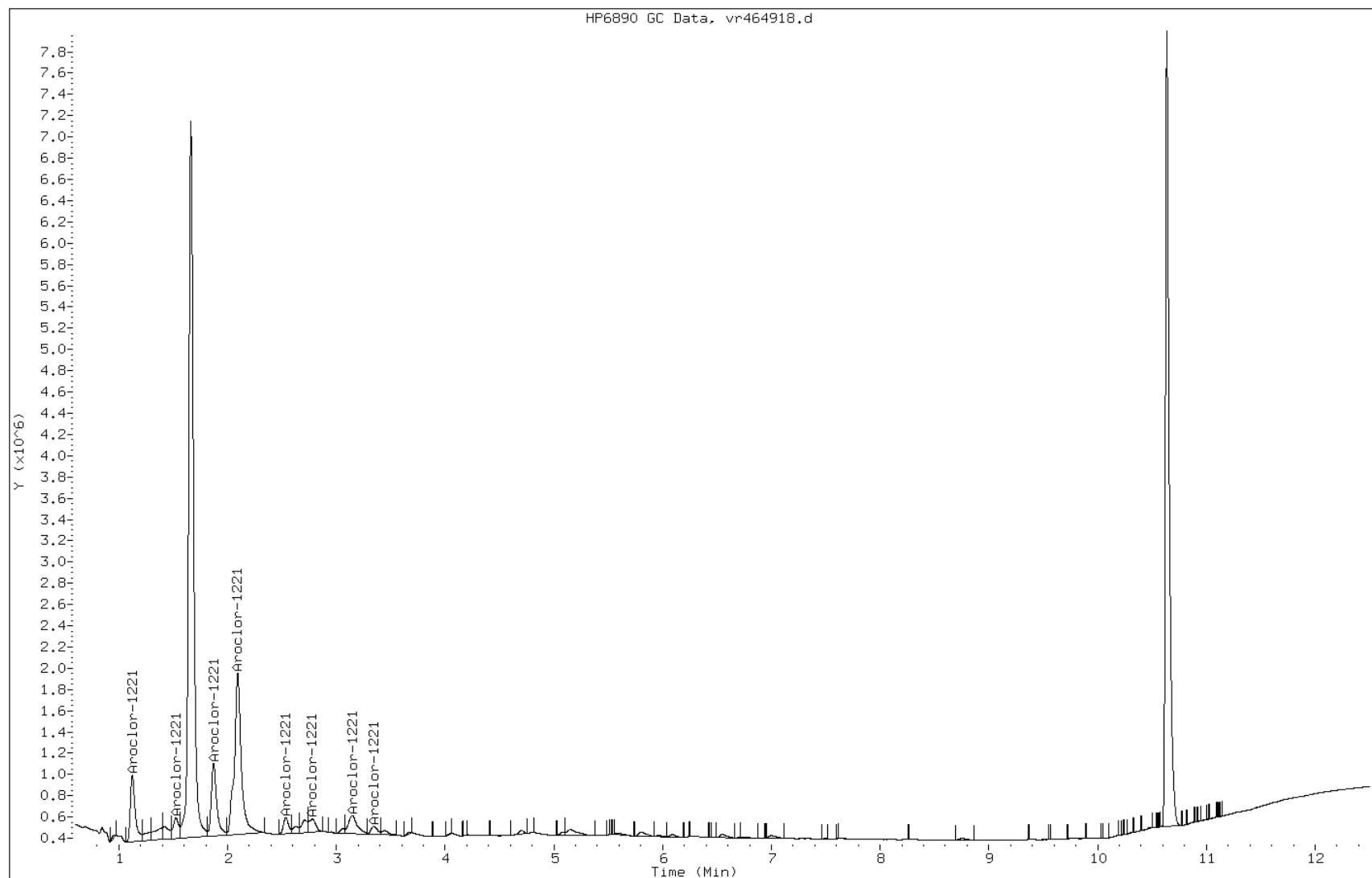
Date: 29-SEP-2011 13:37

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1221L3_00012

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vf464919.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.964										2.894 - 3.034	2.964
PCB-1232 Peak 2	3.649										3.579 - 3.719	3.649
PCB-1232 Peak 3	4.095										4.025 - 4.165	4.095
PCB-1232 Peak 4	4.498										4.428 - 4.568	4.498
PCB-1232 Peak 5	4.742										4.672 - 4.812	4.742
PCB-1232 Peak 6	4.924										4.854 - 4.994	4.924
PCB-1232 Peak 7	5.569										5.499 - 5.639	5.569
PCB-1232 Peak 8	5.779										5.709 - 5.849	5.779

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vf464919.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	2487.6				Ave		2487.57100						20.0			
PCB-1232 Peak 2	2341.8				Ave		2341.82700						20.0			
PCB-1232 Peak 3	1072.3				Ave		1072.25100						20.0			
PCB-1232 Peak 4	4676.0				Ave		4675.99100						20.0			
PCB-1232 Peak 5	2185.4				Ave		2185.37000						20.0			
PCB-1232 Peak 6	1612.9				Ave		1612.90200						20.0			
PCB-1232 Peak 7	1683.7				Ave		1683.69600						20.0			
PCB-1232 Peak 8	1866.0				Ave		1865.99400						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12477

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vf464919.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	2487571					1000				
PCB-1232 Peak 2	Ave	2341827					1000				
PCB-1232 Peak 3	Ave	1072251					1000				
PCB-1232 Peak 4	Ave	4675991					1000				
PCB-1232 Peak 5	Ave	2185370					1000				
PCB-1232 Peak 6	Ave	1612902					1000				
PCB-1232 Peak 7	Ave	1683696					1000				
PCB-1232 Peak 8	Ave	1865994					1000				

Curve Type Legend:

Ave = Average

Data File: vf464919.d
 Report Date: 29-Sep-2011 15:52

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464919.d
 Lab Smp Id: IC-SG1232L3_00011
 Inj Date : 29-SEP-2011 13:53
 Operator : 615
 Smp Info : IC-SG1232L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:52 shanthi Quant Type: ESTD
 Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
 Als bottle: 12 Calibration Sample, Level: 3
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AR12320.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	CAL - AMT		ON - COL		TARGET RANGE	RATIO
			RESPONSE	(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	=====
23 Aroclor-1232			CAS #: 11141-16-5					
2.964	2.964	0.000	2487571	1000.00	1000	80.00- 120.00	100.00(M)	
3.649	3.649	0.000	2341827	1000.00	1000	75.31- 112.97	94.14	
4.095	4.095	0.000	1072251	1000.00	1000	34.48- 51.73	43.10	
4.498	4.498	0.000	4675991	1000.00	1000	150.38- 225.57	187.97	
4.742	4.742	0.000	2185370	1000.00	1000	70.28- 105.42	87.85	
4.924	4.924	0.000	1612902	1000.00	1000	51.87- 77.81	64.84	
5.569	5.569	0.000	1683696	1000.00	1000	54.15- 81.22	67.68	
5.779	5.779	0.000	1865994	1000.00	1000	60.01- 90.02	75.01	
Average of Peak Amounts =			1e+03					

Data File: vf464919.d
Report Date: 29-Sep-2011 15:52

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464919.d

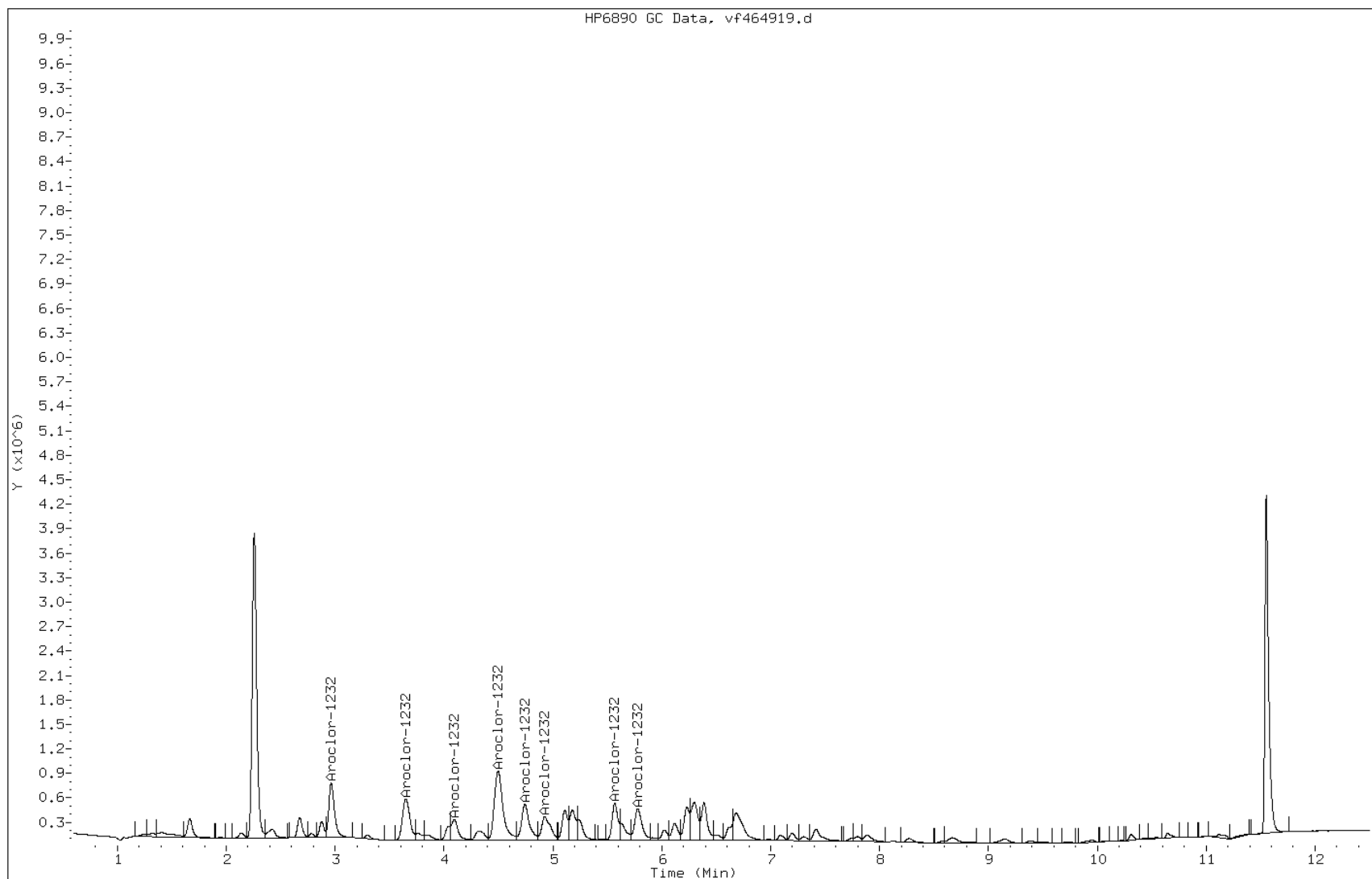
Date: 29-SEP-2011 13:53

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1232L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vr464919.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.094										2.024 - 2.164	2.094
PCB-1232 Peak 2	2.534										2.464 - 2.604	2.534
PCB-1232 Peak 3	2.784										2.714 - 2.854	2.784
PCB-1232 Peak 4	3.142										3.072 - 3.212	3.142
PCB-1232 Peak 5	3.347										3.277 - 3.417	3.347
PCB-1232 Peak 6	3.691										3.621 - 3.761	3.691
PCB-1232 Peak 7	4.054										3.984 - 4.124	4.054
PCB-1232 Peak 8	4.205										4.135 - 4.275	4.205

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vr464919.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1232 Peak 1	4518.5				Ave		4518.50800						20.0			
PCB-1232 Peak 2	3491.8				Ave		3491.78000						20.0			
PCB-1232 Peak 3	2354.6				Ave		2354.59700						20.0			
PCB-1232 Peak 4	7091.1				Ave		7091.09700						20.0			
PCB-1232 Peak 5	2784.3				Ave		2784.28100						20.0			
PCB-1232 Peak 6	3170.7				Ave		3170.70300						20.0			
PCB-1232 Peak 7	2917.6				Ave		2917.55300						20.0			
PCB-1232 Peak 8	1398.1				Ave		1398.10500						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 13:53 Calibration End Date: 09/29/2011 13:53 Calibration ID: 12469

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/12	vr464919.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	4518508					1000				
PCB-1232 Peak 2	Ave	3491780					1000				
PCB-1232 Peak 3	Ave	2354597					1000				
PCB-1232 Peak 4	Ave	7091097					1000				
PCB-1232 Peak 5	Ave	2784281					1000				
PCB-1232 Peak 6	Ave	3170703					1000				
PCB-1232 Peak 7	Ave	2917553					1000				
PCB-1232 Peak 8	Ave	1398105					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464919.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 29-SEP-2011 13:53
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi Quant Type: ESTD
Cal Date : 29-SEP-2011 15:10 Cal File: vr464924.d
Als bottle: 12 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR12320.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS								
RT	EXP RT	DLT RT	CAL - AMT		ON - COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====
23 Aroclor-1232			CAS #: 11141-16-5					
2.094	2.094	0.000	4518508	1000.00	1000	80.00- 120.00	100.00(M)	
2.534	2.534	0.000	3491780	1000.00	1000	61.82- 92.73	77.28	
2.784	2.784	0.000	2354597	1000.00	1000	41.69- 62.53	52.11	
3.142	3.142	0.000	7091097	1000.00	1000	125.55- 188.32	156.93	
3.347	3.347	0.000	2784281	1000.00	1000	49.30- 73.94	61.62	
3.691	3.691	0.000	3170703	1000.00	1000	56.14- 84.21	70.17	
4.054	4.054	0.000	2917553	1000.00	1000	51.66- 77.48	64.57	
4.205	4.205	0.000	1398105	1000.00	1000	24.75- 37.13	30.94	
Average of Peak Amounts =			1e+03					

Data File: vr464919.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464919.d

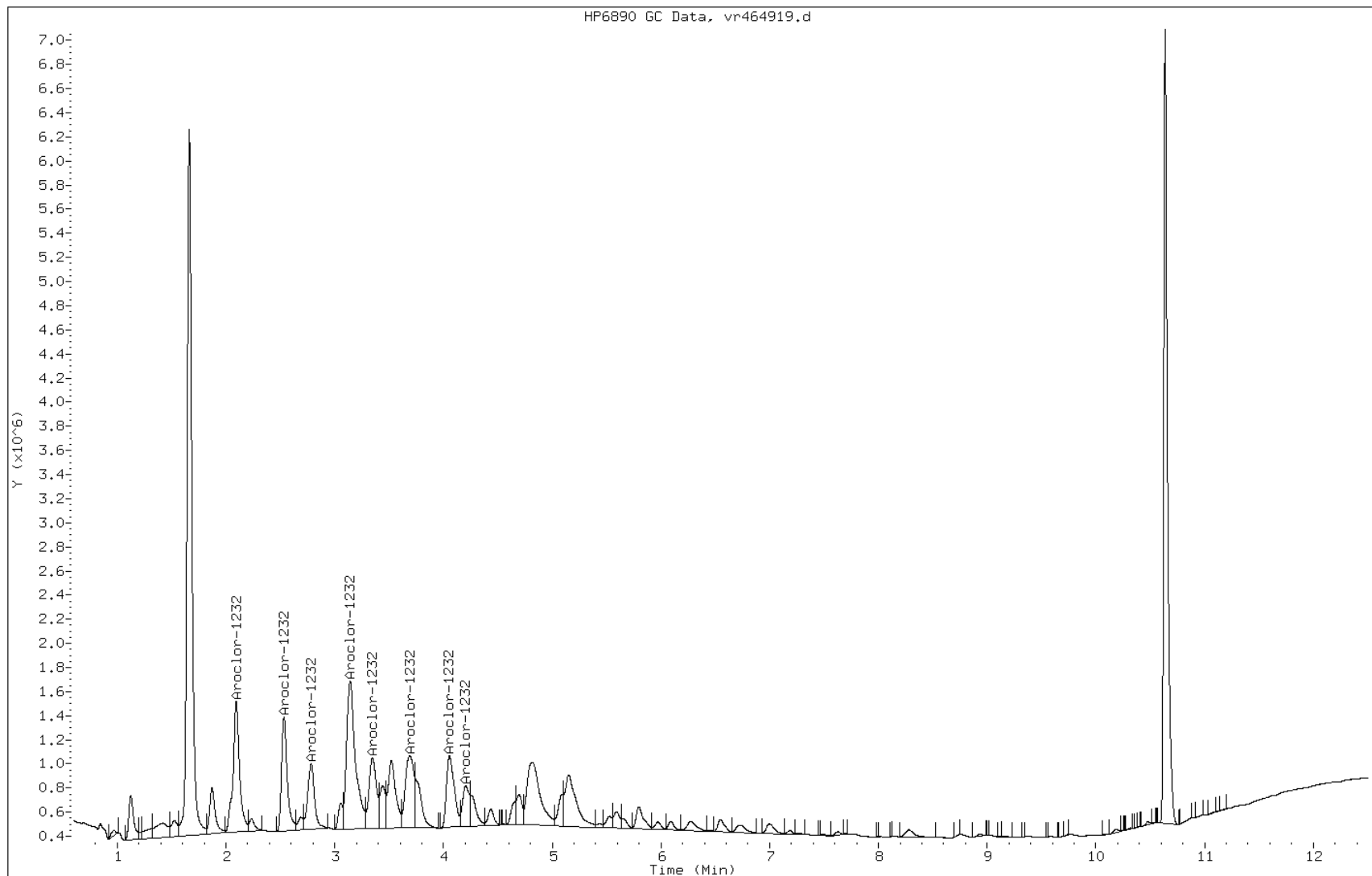
Date: 29-SEP-2011 13:53

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1232L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vf464920.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.964										2.894 - 3.034	2.964
PCB-1242 Peak 2	3.650										3.580 - 3.720	3.650
PCB-1242 Peak 3	4.096										4.026 - 4.166	4.096
PCB-1242 Peak 4	4.499										4.429 - 4.569	4.499
PCB-1242 Peak 5	4.744										4.674 - 4.814	4.744
PCB-1242 Peak 6	4.925										4.855 - 4.995	4.925
PCB-1242 Peak 7	5.779										5.709 - 5.849	5.779
PCB-1242 Peak 8	6.300										6.230 - 6.370	6.300

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vf464920.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	2330.3				Ave		2330.25500						20.0			
PCB-1242 Peak 2	4508.7				Ave		4508.70600						20.0			
PCB-1242 Peak 3	1967.0				Ave		1966.95300						20.0			
PCB-1242 Peak 4	8624.7				Ave		8624.71400						20.0			
PCB-1242 Peak 5	4026.6				Ave		4026.62400						20.0			
PCB-1242 Peak 6	3010.6				Ave		3010.59100						20.0			
PCB-1242 Peak 7	3368.9				Ave		3368.93400						20.0			
PCB-1242 Peak 8	3648.5				Ave		3648.45200						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12478

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vf464920.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	2330255					1000				
PCB-1242 Peak 2	Ave	4508706					1000				
PCB-1242 Peak 3	Ave	1966953					1000				
PCB-1242 Peak 4	Ave	8624714					1000				
PCB-1242 Peak 5	Ave	4026624					1000				
PCB-1242 Peak 6	Ave	3010591					1000				
PCB-1242 Peak 7	Ave	3368934					1000				
PCB-1242 Peak 8	Ave	3648452					1000				

Curve Type Legend:

Ave = Average

Data File: vf464920.d
Report Date: 29-Sep-2011 15:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464920.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 29-SEP-2011 14:08
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:53 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.d
Calibration Sample, Level: 3
Compound Sublist: AR12420.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE		RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
24 Aroclor-1242					CAS #: 53469-21-9				
2.964	2.964	0.000	2330255	1000.00	1000	80.00-	120.00	100.00(M)	
3.650	3.650	0.000	4508706	1000.00	1000	154.79-	232.18	193.49	
4.096	4.096	0.000	1966953	1000.00	1000	67.53-	101.29	84.41	
4.499	4.499	0.000	8624714	1000.00	1000	296.10-	444.14	370.12	
4.744	4.744	0.000	4026624	1000.00	1000	138.24-	207.36	172.80	
4.925	4.925	0.000	3010591	1000.00	1000	103.36-	155.03	129.20	
5.779	5.779	0.000	3368934	1000.00	1000	115.66-	173.49	144.57	
6.300	6.300	0.000	3648452	1000.00	1000	125.26-	187.88	156.57	
Average of Peak Amounts =					1e+03				

Data File: vf464920.d
Report Date: 29-Sep-2011 15:53

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464920.d

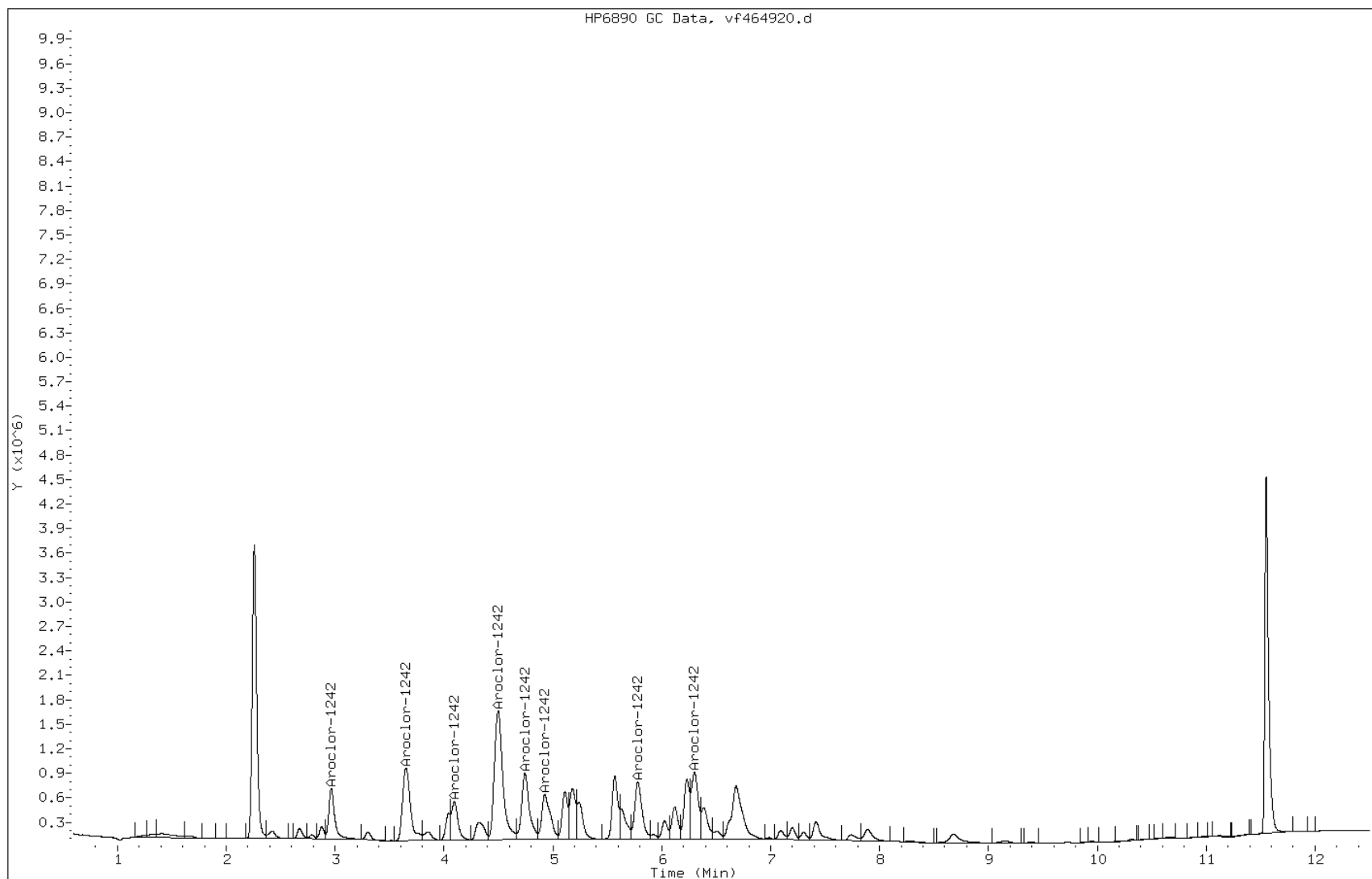
Date: 29-SEP-2011 14:08

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1242L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vr464920.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.094										2.024 - 2.164	2.094
PCB-1242 Peak 2	2.534										2.464 - 2.604	2.534
PCB-1242 Peak 3	2.784										2.714 - 2.854	2.784
PCB-1242 Peak 4	3.142										3.072 - 3.212	3.142
PCB-1242 Peak 5	3.344										3.274 - 3.414	3.344
PCB-1242 Peak 6	3.694										3.624 - 3.764	3.694
PCB-1242 Peak 7	4.054										3.984 - 4.124	4.054
PCB-1242 Peak 8	5.151										5.081 - 5.221	5.151

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vr464920.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1242 Peak 1	3777.1				Ave		3777.11700						20.0			
PCB-1242 Peak 2	6209.4				Ave		6209.44900						20.0			
PCB-1242 Peak 3	4398.1				Ave		4398.05000						20.0			
PCB-1242 Peak 4	13471				Ave		13471.1310						20.0			
PCB-1242 Peak 5	5435.8				Ave		5435.81200						20.0			
PCB-1242 Peak 6	5950.3				Ave		5950.31700						20.0			
PCB-1242 Peak 7	5477.0				Ave		5477.02200						20.0			
PCB-1242 Peak 8	5066.6				Ave		5066.62500						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:08 Calibration End Date: 09/29/2011 14:08 Calibration ID: 12470

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/13	vr464920.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	3777117					1000				
PCB-1242 Peak 2	Ave	6209449					1000				
PCB-1242 Peak 3	Ave	4398050					1000				
PCB-1242 Peak 4	Ave	13471131					1000				
PCB-1242 Peak 5	Ave	5435812					1000				
PCB-1242 Peak 6	Ave	5950317					1000				
PCB-1242 Peak 7	Ave	5477022					1000				
PCB-1242 Peak 8	Ave	5066625					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464920.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 29-SEP-2011 14:08
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 3
Compound Sublist: AR12420.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
RT	EXP RT	DLT RT	CAL - AMT		ON - COL		TARGET RANGE		RATIO
==	=====	=====	RESPONSE	(ug/L)	(ug/L)		=====		=====
24 Aroclor-1242					CAS #: 53469-21-9				
2.094	2.094	0.000	3777117	1000.00	1000	80.00-	120.00	100.00(M)	
2.534	2.534	0.000	6209449	1000.00	1000	131.52-	197.28	164.40	
2.784	2.784	0.000	4398050	1000.00	1000	93.15-	139.73	116.44	
3.142	3.142	0.000	13471131	1000.00	1000	285.32-	427.98	356.65	
3.344	3.344	0.000	5435812	1000.00	1000	115.13-	172.70	143.91	
3.694	3.694	0.000	5950317	1000.00	1000	126.03-	189.04	157.54	
4.054	4.054	0.000	5477022	1000.00	1000	116.00-	174.01	145.01	
5.151	5.151	0.000	5066625	1000.00	1000	107.31-	160.97	134.14	
Average of Peak Amounts =					1e+03				

Data File: vr464920.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464920.d

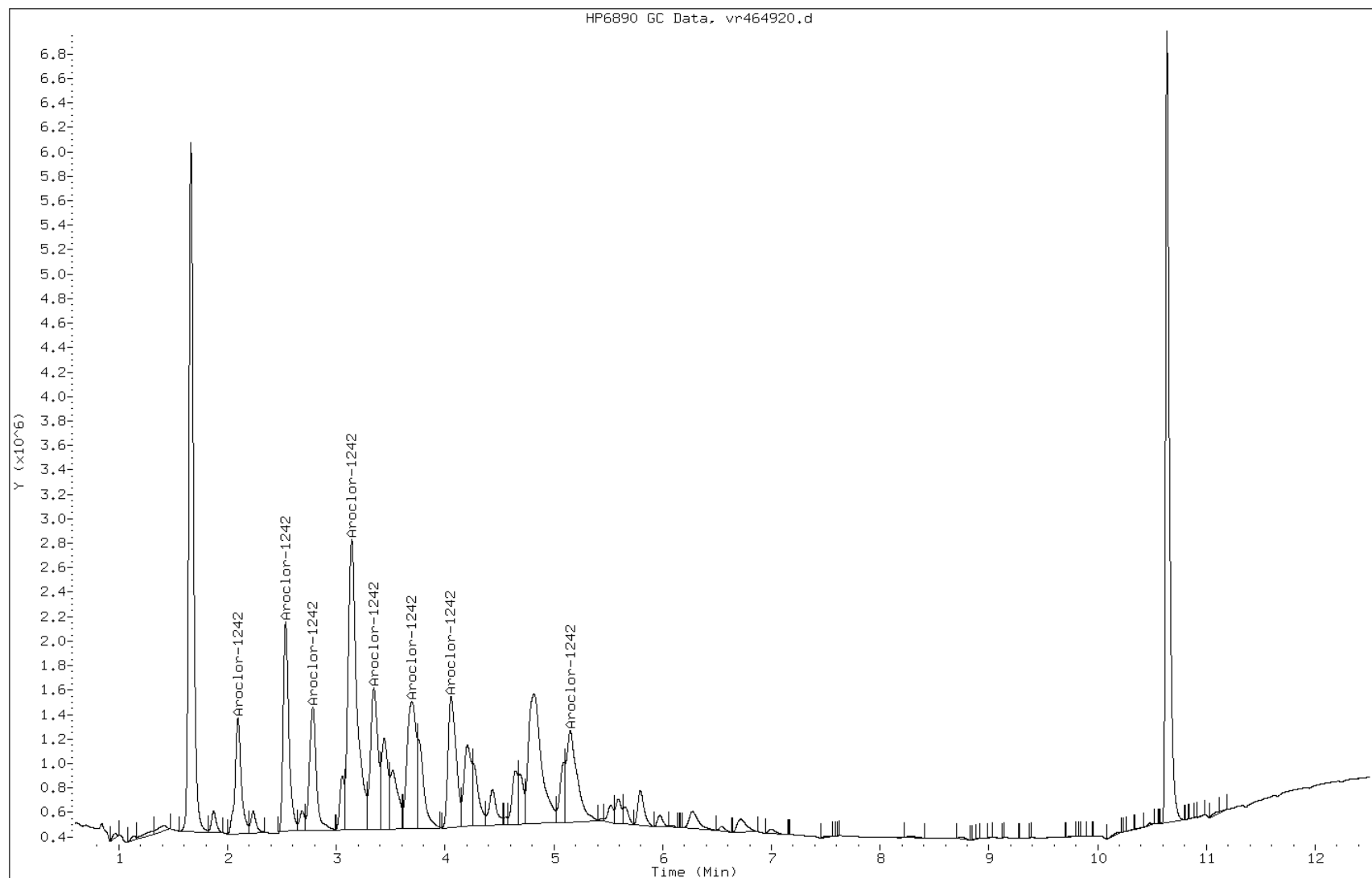
Date: 29-SEP-2011 14:08

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1242L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vf464921.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.646										3.576 - 3.716	3.646
PCB-1248 Peak 2	4.492										4.422 - 4.562	4.492
PCB-1248 Peak 3	4.737										4.667 - 4.807	4.737
PCB-1248 Peak 4	5.108										5.038 - 5.178	5.108
PCB-1248 Peak 5	5.567										5.497 - 5.637	5.567
PCB-1248 Peak 6	5.777										5.707 - 5.847	5.777
PCB-1248 Peak 7	6.117										6.047 - 6.187	6.117
PCB-1248 Peak 8	6.296										6.226 - 6.366	6.296

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vf464921.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	2104.5				Ave		2104.46100						20.0			
PCB-1248 Peak 2	5381.0				Ave		5380.97200						20.0			
PCB-1248 Peak 3	2365.3				Ave		2365.28800						20.0			
PCB-1248 Peak 4	3439.9				Ave		3439.92100						20.0			
PCB-1248 Peak 5	4370.2				Ave		4370.23900						20.0			
PCB-1248 Peak 6	4771.1				Ave		4771.09100						20.0			
PCB-1248 Peak 7	2625.8				Ave		2625.78600						20.0			
PCB-1248 Peak 8	6427.1				Ave		6427.13200						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12479

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vf464921.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	2104461					1000				
PCB-1248 Peak 2	Ave	5380972					1000				
PCB-1248 Peak 3	Ave	2365288					1000				
PCB-1248 Peak 4	Ave	3439921					1000				
PCB-1248 Peak 5	Ave	4370239					1000				
PCB-1248 Peak 6	Ave	4771091					1000				
PCB-1248 Peak 7	Ave	2625786					1000				
PCB-1248 Peak 8	Ave	6427132					1000				

Curve Type Legend:

Ave = Average

Data File: vf464921.d
Report Date: 29-Sep-2011 15:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464921.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 29-SEP-2011 14:24
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
Meth Date : 29-Sep-2011 15:53 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.d
Calibration Sample, Level: 3
Compound Sublist: AR12480.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
3.646	3.646	0.000	2104461 1000.00	1000	80.00- 120.00	100.00(M)
4.492	4.492	0.000	5380972 1000.00	1000	204.55- 306.83	255.69
4.737	4.737	0.000	2365288 1000.00	1000	89.92- 134.87	112.39
5.108	5.108	0.000	3439921 1000.00	1000	130.77- 196.15	163.46
5.567	5.567	0.000	4370239 1000.00	1000	166.13- 249.20	207.67
5.777	5.777	0.000	4771091 1000.00	1000	181.37- 272.06	226.71
6.117	6.117	0.000	2625786 1000.00	1000	99.82- 149.73	124.77
6.296	6.296	0.000	6427132 1000.00	1000	244.32- 366.49	305.41
Average of Peak Amounts =			1e+03			

Data File: vf464921.d
Report Date: 29-Sep-2011 15:53

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464921.d

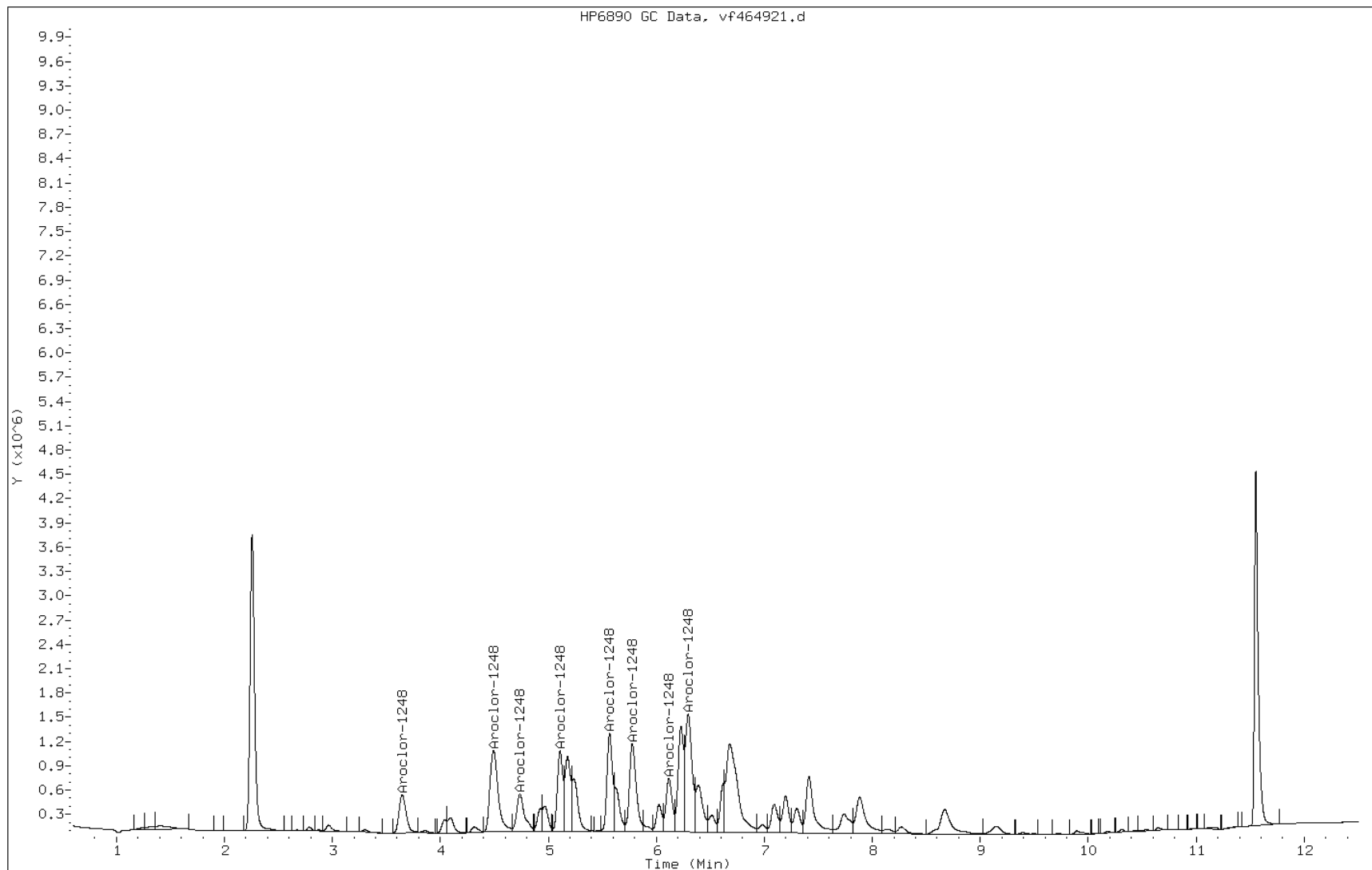
Date: 29-SEP-2011 14:24

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1248L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vr464921.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.534										2.464 - 2.604	2.534
PCB-1248 Peak 2	3.142										3.072 - 3.212	3.142
PCB-1248 Peak 3	3.359										3.289 - 3.429	3.359
PCB-1248 Peak 4	3.690										3.620 - 3.760	3.690
PCB-1248 Peak 5	4.056										3.986 - 4.126	4.056
PCB-1248 Peak 6	4.202										4.132 - 4.272	4.202
PCB-1248 Peak 7	4.698										4.628 - 4.768	4.698
PCB-1248 Peak 8	5.150										5.080 - 5.220	5.150

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vr464921.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1248 Peak 1	3194.9				Ave		3194.87900						20.0			
PCB-1248 Peak 2	9246.0				Ave		9246.03800						20.0			
PCB-1248 Peak 3	3444.5				Ave		3444.45900						20.0			
PCB-1248 Peak 4	9684.7				Ave		9684.67000						20.0			
PCB-1248 Peak 5	8855.6				Ave		8855.61600						20.0			
PCB-1248 Peak 6	5115.4				Ave		5115.40300						20.0			
PCB-1248 Peak 7	3811.4				Ave		3811.36700						20.0			
PCB-1248 Peak 8	6897.9				Ave		6897.94800						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:24 Calibration End Date: 09/29/2011 14:24 Calibration ID: 12471

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/14	vr464921.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	3194879					1000				
PCB-1248 Peak 2	Ave	9246038					1000				
PCB-1248 Peak 3	Ave	3444459					1000				
PCB-1248 Peak 4	Ave	9684670					1000				
PCB-1248 Peak 5	Ave	8855616					1000				
PCB-1248 Peak 6	Ave	5115403					1000				
PCB-1248 Peak 7	Ave	3811367					1000				
PCB-1248 Peak 8	Ave	6897948					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464921.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 29-SEP-2011 14:24
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 3
Compound Sublist: AR12480.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
25 Aroclor-1248			CAS #: 12672-29-6			
2.534	2.534	0.000	3194879	1000.00	1000 80.00- 120.00	100.00(M)
3.142	3.142	0.000	9246038	1000.00	1000 231.52- 347.28	289.40
3.359	3.359	0.000	3444459	1000.00	1000 86.25- 129.37	107.81
3.690	3.690	0.000	9684670	1000.00	1000 242.50- 363.76	303.13
4.056	4.056	0.000	8855616	1000.00	1000 221.75- 332.62	277.18
4.202	4.202	0.000	5115403	1000.00	1000 128.09- 192.14	160.11
4.698	4.698	0.000	3811367	1000.00	1000 95.44- 143.16	119.30
5.150	5.150	0.000	6897948	1000.00	1000 172.73- 259.09	215.91
Average of Peak Amounts =			1e+03			

Data File: vr464921.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464921.d

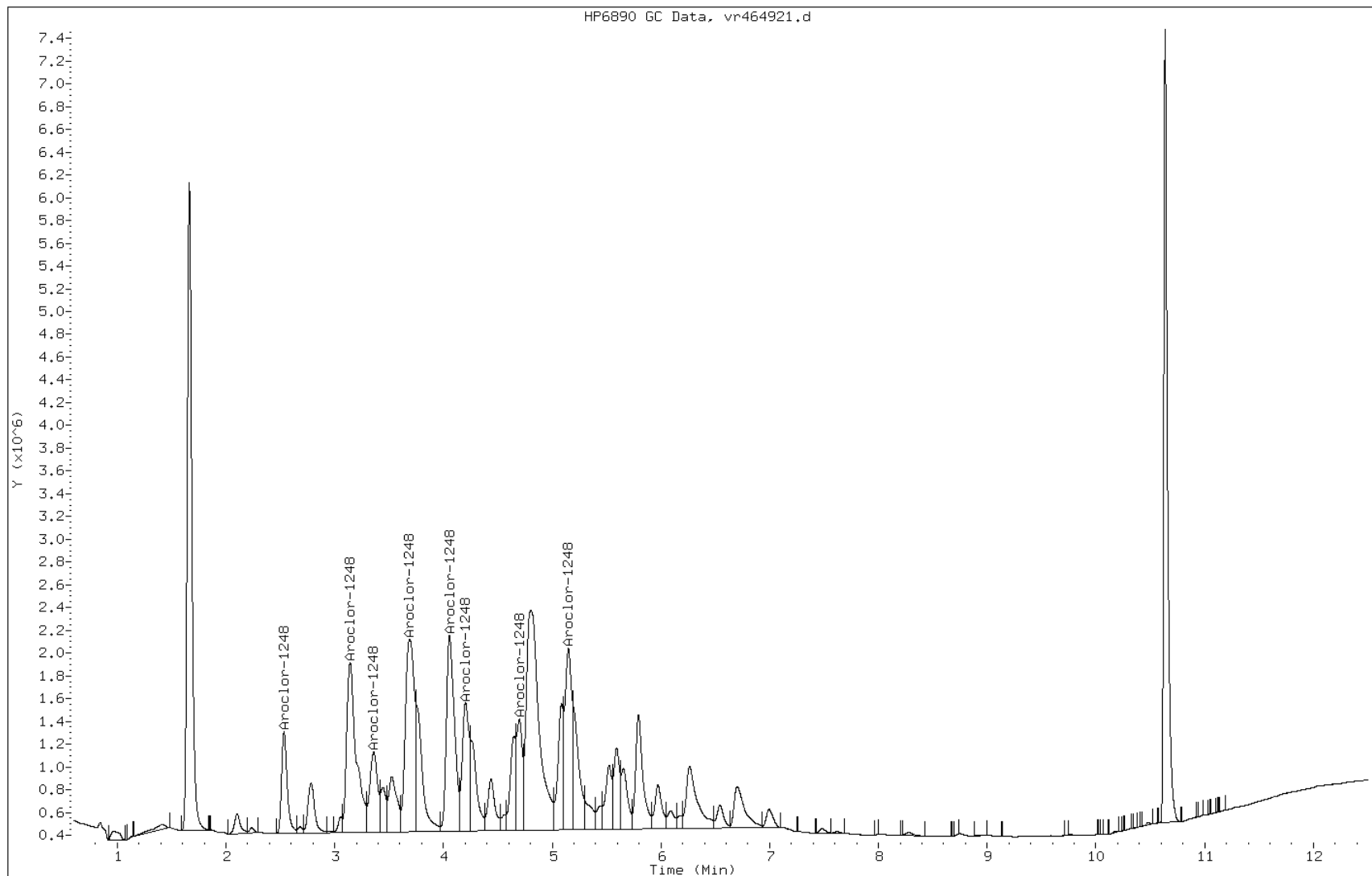
Date: 29-SEP-2011 14:24

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1248L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vf464922.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.109										5.039 - 5.179	5.109
PCB-1254 Peak 2	6.283										6.213 - 6.353	6.283
PCB-1254 Peak 3	6.615										6.545 - 6.685	6.615
PCB-1254 Peak 4	7.196										7.126 - 7.266	7.196
PCB-1254 Peak 5	7.412										7.342 - 7.482	7.412
PCB-1254 Peak 6	7.878										7.808 - 7.948	7.878
PCB-1254 Peak 7	8.266										8.196 - 8.336	8.266
PCB-1254 Peak 8	8.655										8.585 - 8.725	8.655

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vf464922.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	3080.1				Ave		3080.07000						20.0			
PCB-1254 Peak 2	6652.6				Ave		6652.61600						20.0			
PCB-1254 Peak 3	6508.3				Ave		6508.33700						20.0			
PCB-1254 Peak 4	4528.3				Ave		4528.28600						20.0			
PCB-1254 Peak 5	10004				Ave		10004.4560						20.0			
PCB-1254 Peak 6	7499.5				Ave		7499.52700						20.0			
PCB-1254 Peak 7	5696.0				Ave		5696.00300						20.0			
PCB-1254 Peak 8	5048.2				Ave		5048.24800						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12480

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vf464922.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	3080070					1000				
PCB-1254 Peak 2	Ave	6652616					1000				
PCB-1254 Peak 3	Ave	6508337					1000				
PCB-1254 Peak 4	Ave	4528286					1000				
PCB-1254 Peak 5	Ave	10004456					1000				
PCB-1254 Peak 6	Ave	7499527					1000				
PCB-1254 Peak 7	Ave	5696003					1000				
PCB-1254 Peak 8	Ave	5048248					1000				

Curve Type Legend:

Ave = Average

Data File: vf464922.d
 Report Date: 29-Sep-2011 15:53

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/vf464922.d
 Lab Smp Id: IC-SG1254L3_00011
 Inj Date : 29-SEP-2011 14:39
 Operator : 615
 Smp Info : IC-SG1254L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Sep11/09-29-11aical/29sep11a.b/08Vf8082.m
 Meth Date : 29-Sep-2011 15:53 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.d
 Calibration Sample, Level: 3
 Compound Sublist: AR12540.sub
 Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

			AMOUNTS					
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
26 Aroclor-1254					CAS #: 11097-69-1			
5.109	5.109	0.000	3080070	1000.00	1000	80.00-	120.00	100.00(M)
6.283	6.283	0.000	6652616	1000.00	1000	172.79-	259.19	215.99
6.615	6.615	0.000	6508337	1000.00	1000	169.04-	253.57	211.30
7.196	7.196	0.000	4528286	1000.00	1000	117.62-	176.42	147.02
7.412	7.412	0.000	10004456	1000.00	1000	259.85-	389.78	324.81
7.878	7.878	0.000	7499527	1000.00	1000	194.79-	292.18	243.49
8.266	8.266	0.000	5696003	1000.00	1000	147.94-	221.92	184.93
8.655	8.655	0.000	5048248	1000.00	1000	131.12-	196.68	163.90
Average of Peak Amounts =					1e+03			

Data File: vf464922.d
Report Date: 29-Sep-2011 15:53

QC Flag Legend

M - Compound response manually integrated.

Data File: vf464922.d

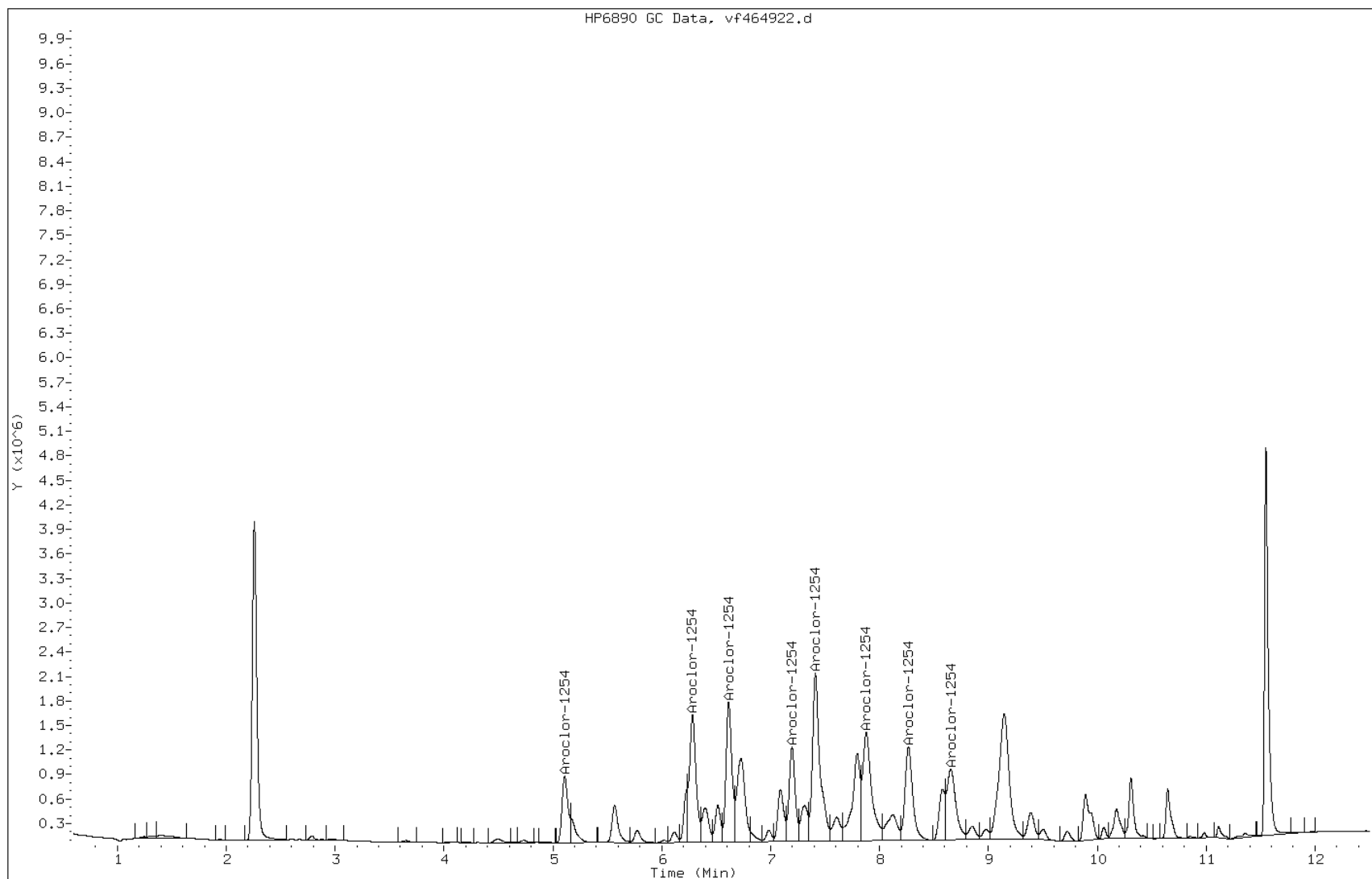
Date: 29-SEP-2011 14:39

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1254L3_00011

Operator: 615



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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vr464922.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.702										4.632 - 4.772	4.702
PCB-1254 Peak 2	4.787										4.717 - 4.857	4.787
PCB-1254 Peak 3	5.147										5.077 - 5.217	5.147
PCB-1254 Peak 4	5.588										5.518 - 5.658	5.588
PCB-1254 Peak 5	6.088										6.018 - 6.158	6.088
PCB-1254 Peak 6	6.255										6.185 - 6.325	6.255
PCB-1254 Peak 7	6.542										6.472 - 6.612	6.542
PCB-1254 Peak 8	6.989										6.919 - 7.059	6.989

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vr464922.d

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1					B	M1	M2								
PCB-1254 Peak 1	8379.2				Ave		8379.21800						20.0			
PCB-1254 Peak 2	6654.6				Ave		6654.63800						20.0			
PCB-1254 Peak 3	11211				Ave		11210.9440						20.0			
PCB-1254 Peak 4	8071.2				Ave		8071.23700						20.0			
PCB-1254 Peak 5	7407.7				Ave		7407.68800						20.0			
PCB-1254 Peak 6	11192				Ave		11192.0910						20.0			
PCB-1254 Peak 7	12377				Ave		12377.2000						20.0			
PCB-1254 Peak 8	14769				Ave		14769.1010						20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-31552-1 Analy Batch No.: 87766

SDG No.: _____

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

Calibration Start Date: 09/29/2011 14:39 Calibration End Date: 09/29/2011 14:39 Calibration ID: 12472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-87766/15	vr464922.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	8379218					1000				
PCB-1254 Peak 2	Ave	6654638					1000				
PCB-1254 Peak 3	Ave	11210944					1000				
PCB-1254 Peak 4	Ave	8071237					1000				
PCB-1254 Peak 5	Ave	7407688					1000				
PCB-1254 Peak 6	Ave	11192091					1000				
PCB-1254 Peak 7	Ave	12377200					1000				
PCB-1254 Peak 8	Ave	14769101					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/vr464922.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 29-SEP-2011 14:39
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b/08Vr8082.m
Meth Date : 29-Sep-2011 15:49 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Calibration Sample, Level: 3
Compound Sublist: AR12540.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
26 Aroclor-1254			CAS #: 11097-69-1			
4.702	4.702	0.000	8379218 1000.00	1000	80.00- 120.00	100.00(M)
4.787	4.787	0.000	6654638 1000.00	1000	63.53- 95.30	79.42
5.147	5.147	0.000	11210944 1000.00	1000	107.04- 160.55	133.79
5.588	5.588	0.000	8071237 1000.00	1000	77.06- 115.59	96.32
6.088	6.088	0.000	7407688 1000.00	1000	70.72- 106.09	88.41
6.255	6.255	0.000	11192091 1000.00	1000	106.86- 160.28	133.57
6.542	6.542	0.000	12377200 1000.00	1000	118.17- 177.26	147.71
6.989	6.989	0.000	14769101 1000.00	1000	141.01- 211.51	176.26
Average of Peak Amounts =			1e+03			

Data File: vr464922.d
Report Date: 29-Sep-2011 15:53

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr464922.d

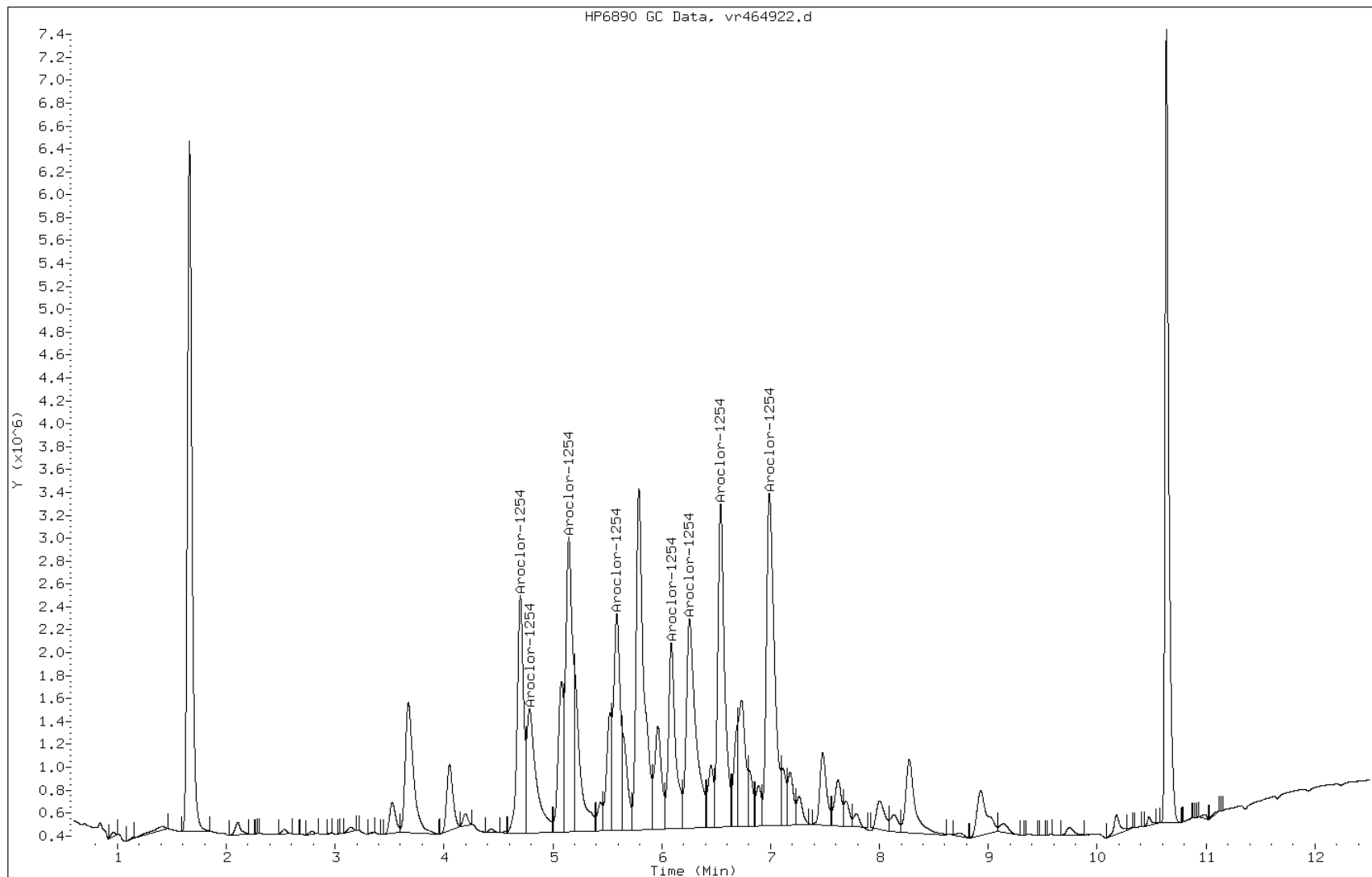
Date: 29-SEP-2011 14:39

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1254L3_00011

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87420/4 Calibration Date: 09/27/2011 08:22
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: of178027.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	120.2	112.4		936	1000	-6.4	15.0
PCB-1016 Peak 2	Ave	275.6	287.4		1040	1000	4.3	15.0
PCB-1016 Peak 3	Ave	125.5	137.8		1100	1000	9.8	15.0
PCB-1016 Peak 4	Ave	504.1	533.4		1060	1000	5.8	15.0
PCB-1016 Peak 5	Ave	210.9	228.2		1080	1000	8.2	15.0
PCB-1016 Peak 6	Ave	131.9	138.6		1050	1000	5.0	15.0
PCB-1016 Peak 7	Ave	124.9	133.7		1070	1000	7.0	15.0
PCB-1016 Peak 8	Ave	113.9	125.6		1100	1000	10.3	15.0
PCB-1260 Peak 1	Ave	336.6	358.8		1070	1000	6.6	15.0
PCB-1260 Peak 2	Ave	380.2	414.4		1090	1000	9.0	15.0
PCB-1260 Peak 3	Ave	528.3	576.8		1090	1000	9.2	15.0
PCB-1260 Peak 4	Ave	245.7	267.9		1090	1000	9.0	15.0
PCB-1260 Peak 5	Ave	142.5	157.8		1110	1000	10.7	15.0
PCB-1260 Peak 6	Ave	321.6	342.8		1070	1000	6.6	15.0
PCB-1260 Peak 7	Ave	371.2	414.2		1120	1000	11.6	15.0
PCB-1260 Peak 8	Ave	121.5	136.1		1120	1000	12.0	15.0
DCB Decachlorobiphenyl	Ave	3569	3825		107	100	7.2	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87420/4 Calibration Date: 09/27/2011 08:22
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: of178027.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.98	2.91	3.05
PCB-1016 Peak 2	3.44	3.37	3.51
PCB-1016 Peak 3	3.72	3.65	3.79
PCB-1016 Peak 4	3.98	3.91	4.05
PCB-1016 Peak 5	4.14	4.07	4.21
PCB-1016 Peak 6	4.44	4.37	4.51
PCB-1016 Peak 7	5.26	5.19	5.33
PCB-1016 Peak 8	5.51	5.44	5.58
PCB-1260 Peak 1	6.39	6.32	6.46
PCB-1260 Peak 2	6.73	6.66	6.80
PCB-1260 Peak 3	7.36	7.29	7.43
PCB-1260 Peak 4	7.56	7.49	7.63
PCB-1260 Peak 5	7.67	7.60	7.74
PCB-1260 Peak 6	8.21	8.14	8.28
PCB-1260 Peak 7	9.39	9.32	9.46
PCB-1260 Peak 8	10.07	10.00	10.14
DCB Decachlorobiphenyl	10.59	10.49	10.69

Data File: of178027.d
 Report Date: 27-Sep-2011 12:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178027.d
 Lab Smp Id: CCVRTSG1660L3_00013
 Inj Date : 27-SEP-2011 08:22
 Operator : 615
 Smp Info : CCVRT-SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
 Meth Date : 27-Sep-2011 12:21 shanthi
 Cal Date : 23-SEP-2011 12:19
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC7.i
 Quant Type: ESTD
 Cal File: of177939.d
 Continuing Calibration Sample
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.977	2.977	0.000	112449 1000.00	940	80.00- 120.00	100.00
3.442	3.442	0.000	287368 1000.00	1000	204.44- 306.66	255.55
3.722	3.722	0.000	137816 1000.00	1100	98.05- 147.07	122.56
3.977	3.977	0.000	533447 1000.00	1000	379.51- 569.27	474.39
4.143	4.143	0.000	228157 1000.00	1100	162.32- 243.48	202.90
4.443	4.443	0.000	138559 1000.00	1000	98.58- 147.86	123.22
5.260	5.260	0.000	133724 1000.00	1100	95.14- 142.70	118.92
5.508	5.508	0.000	125626 1000.00	1100	89.37- 134.06	111.72
Average of Peak Amounts =				1.06e+03		
27 Aroclor-1260				CAS #: 11096-82-5		
6.392	6.392	0.000	358788 1000.00	1100	80.00- 120.00	100.00(M)

Data File: of178027.d
 Report Date: 27-Sep-2011 12:21

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.725	6.725	0.000	414425	1000.00	1100	92.41-	138.61	115.51	
7.363	7.363	0.000	576759	1000.00	1100	128.60-	192.90	160.75	
7.557	7.557	0.000	267885	1000.00	1100	59.73-	89.60	74.66	
7.668	7.668	0.000	157785	1000.00	1100	35.18-	52.77	43.98	
8.212	8.212	0.000	342836	1000.00	1100	76.44-	114.66	95.55	
9.392	9.392	0.000	414190	1000.00	1100	92.35-	138.53	115.44	
10.068	10.068	0.000	136130	1000.00	1100	30.35-	45.53	37.94	
Average of Peak Amounts =					1.09e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.588	10.588	0.000	382518	100.000	110	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178027.d

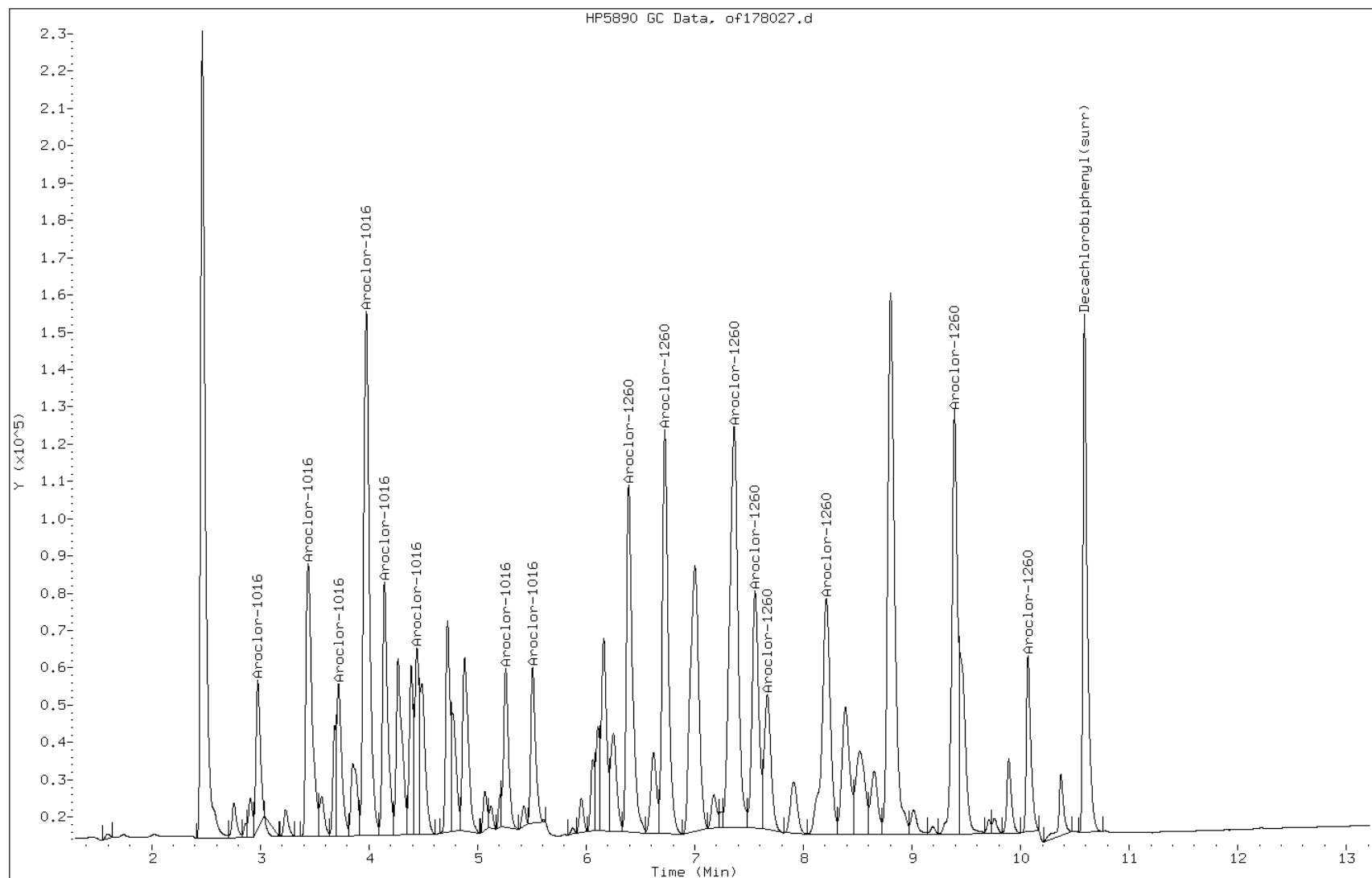
Date: 27-SEP-2011 08:22

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87420/4 Calibration Date: 09/27/2011 08:22
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: or178027.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	94.13	98.82		1050	1000	5.0	15.0
PCB-1016 Peak 2	Ave	156.9	162.5		1040	1000	3.6	15.0
PCB-1016 Peak 3	Ave	106.5	115.8		1090	1000	8.7	15.0
PCB-1016 Peak 4	Ave	321.8	347.4		1080	1000	8.0	15.0
PCB-1016 Peak 5	Ave	125.9	136.2		1080	1000	8.2	15.0
PCB-1016 Peak 6	Ave	84.97	95.79		1130	1000	12.7	15.0
PCB-1016 Peak 7	Ave	149.0	157.8		1060	1000	5.9	15.0
PCB-1016 Peak 8	Ave	131.6	140.7		1070	1000	6.9	15.0
PCB-1260 Peak 1	Ave	182.8	203.9		1120	1000	11.5	15.0
PCB-1260 Peak 2	Ave	333.6	363.2		1090	1000	8.9	15.0
PCB-1260 Peak 3	Ave	316.4	349.6		1100	1000	10.5	15.0
PCB-1260 Peak 4	Ave	148.5	161.4		1090	1000	8.7	15.0
PCB-1260 Peak 5	Ave	162.0	179.8		1110	1000	11.0	15.0
PCB-1260 Peak 6	Ave	198.6	223.5		1130	1000	12.5	15.0
PCB-1260 Peak 7	Ave	99.39	114.8		1160	1000	15.5*	15.0
PCB-1260 Peak 8	Ave	96.45	102.3		1060	1000	6.1	15.0
DCB Decachlorobiphenyl	Ave	3025	3280		108	100	8.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-87420/4 Calibration Date: 09/27/2011 08:22
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: or178027.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.37	2.30	2.44
PCB-1016 Peak 2	2.70	2.63	2.77
PCB-1016 Peak 3	2.89	2.82	2.96
PCB-1016 Peak 4	3.16	3.09	3.23
PCB-1016 Peak 5	3.30	3.23	3.37
PCB-1016 Peak 6	3.36	3.29	3.43
PCB-1016 Peak 7	3.51	3.44	3.58
PCB-1016 Peak 8	3.74	3.67	3.81
PCB-1260 Peak 1	5.17	5.10	5.24
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.79	5.93
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.68	8.61	8.75
DCB Decachlorobiphenyl	9.45	9.35	9.55

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178027.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 27-SEP-2011 08:22
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 12:17 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.368	2.368	0.000	98816 1000.00	1000	80.00- 120.00	100.00(M)
2.697	2.697	0.000	162470 1000.00	1000	131.53- 197.30	164.42
2.892	2.892	0.000	115834 1000.00	1100	93.78- 140.67	117.22
3.155	3.155	0.000	347367 1000.00	1100	281.22- 421.83	351.53
3.298	3.298	0.000	136203 1000.00	1100	110.27- 165.40	137.83
3.362	3.362	0.000	95786 1000.00	1100	77.55- 116.32	96.93
3.513	3.513	0.000	157788 1000.00	1000	127.74- 191.61	159.68
3.740	3.740	0.000	140709 1000.00	1100	113.92- 170.87	142.39
Average of Peak Amounts =			1.07e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
5.167	5.167	0.000	203879 1000.00	1100	80.00- 120.00	100.00(M)

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO		
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)									
5.510	5.510	0.000	363220	1000.00	1100	142.52-	213.79	178.15	
5.857	5.857	0.000	349595	1000.00	1100	137.18-	205.77	171.47	
6.003	6.003	0.000	161399	1000.00	1100	63.33-	95.00	79.16	
6.332	6.332	0.000	179844	1000.00	1100	70.57-	105.85	88.21	
7.300	7.300	0.000	223532	1000.00	1100	87.71-	131.57	109.64	
7.463	7.463	0.000	114840	1000.00	1200	45.06-	67.59	56.33	
8.683	8.683	0.000	102291	1000.00	1100	40.14-	60.21	50.17	
Average of Peak Amounts =					1.11e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.452	9.452	0.000	328032	100.000	110	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178027.d

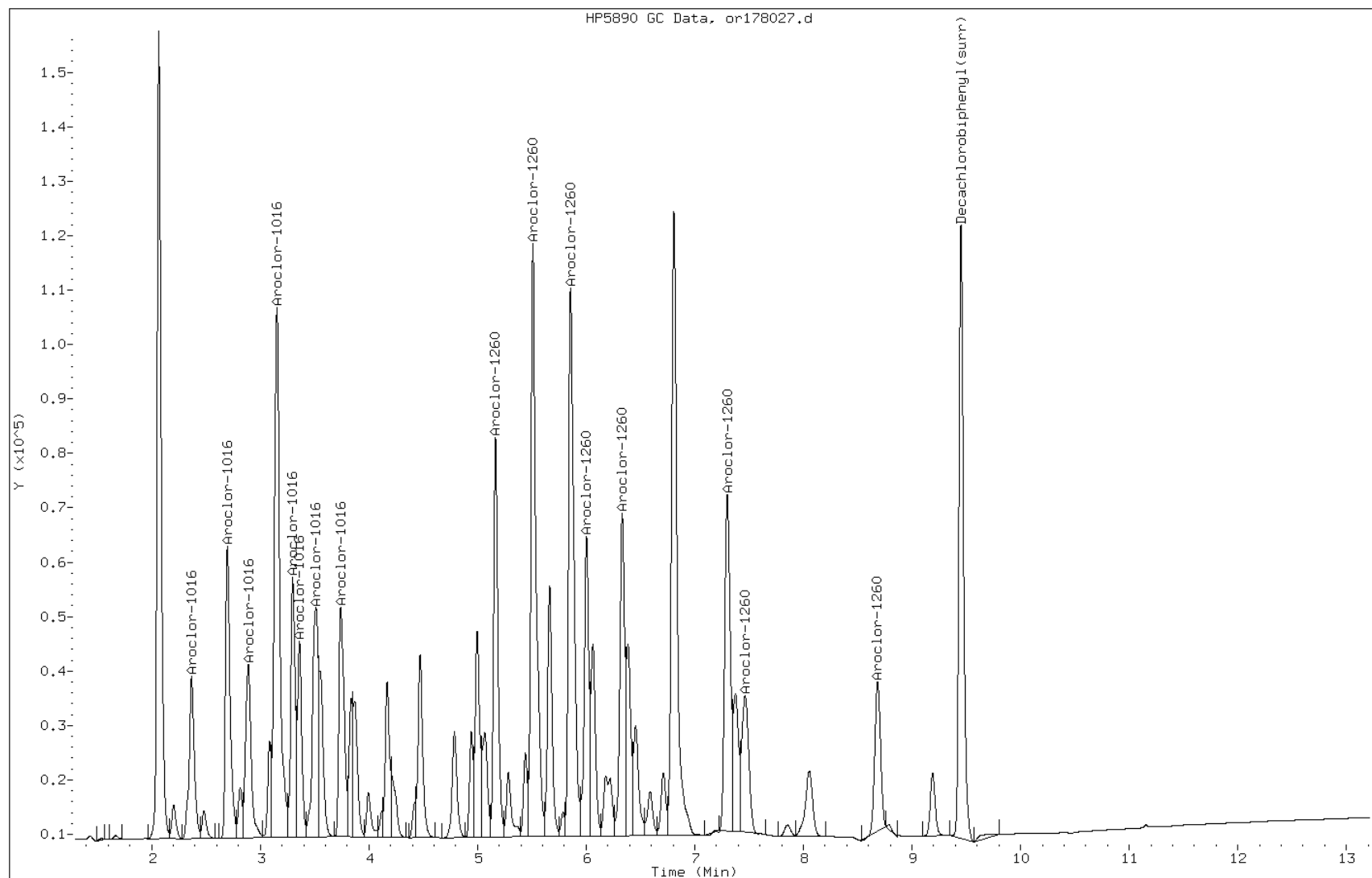
Date: 27-SEP-2011 08:22

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615

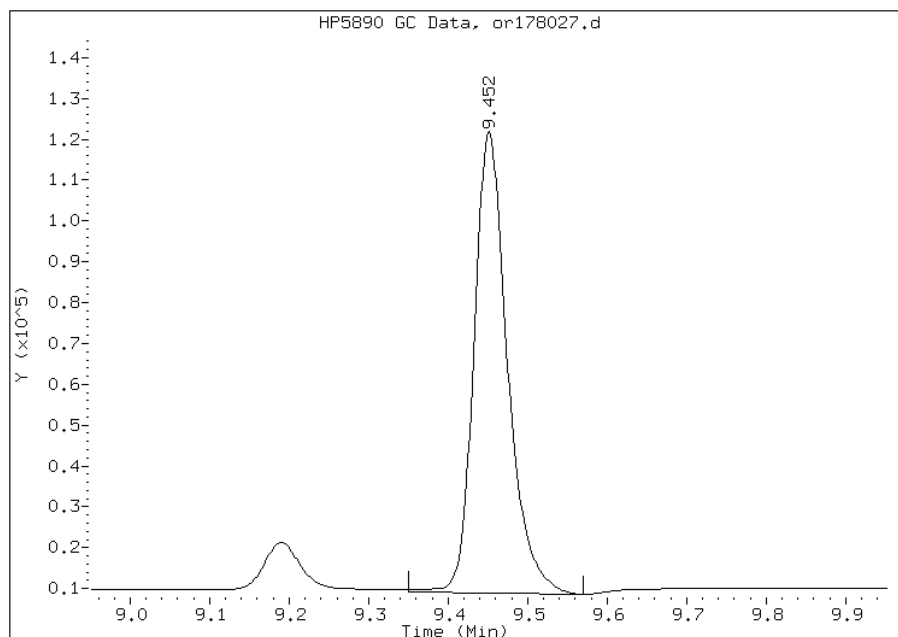


Manual Integration Report

Data File: or178027.d
Inj. Date and Time: 27-SEP-2011 08:22
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 09/27/2011

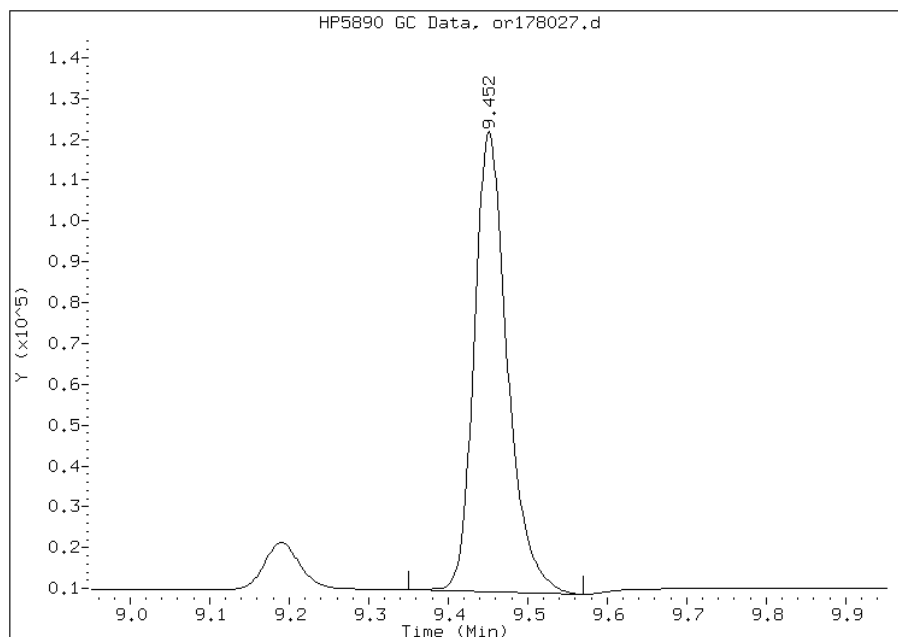
Processing Integration Results

RT: 9.45
Response: 332418
Amount: 109.89
Conc: 73.26



Manual Integration Results

RT: 9.45
Response: 328032
Amount: 108.44
Conc: 108.44



Manually Integrated By: shanthi
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87420/13 Calibration Date: 09/27/2011 12:24
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: of178036.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	120.2	111.0		924	1000	-7.6	15.0
PCB-1016 Peak 2	Ave	275.6	282.2		1020	1000	2.4	15.0
PCB-1016 Peak 3	Ave	125.5	134.6		1070	1000	7.3	15.0
PCB-1016 Peak 4	Ave	504.1	523.9		1040	1000	3.9	15.0
PCB-1016 Peak 5	Ave	210.9	224.8		1070	1000	6.6	15.0
PCB-1016 Peak 6	Ave	131.9	136.9		1040	1000	3.7	15.0
PCB-1016 Peak 7	Ave	124.9	136.0		1090	1000	8.9	15.0
PCB-1016 Peak 8	Ave	113.9	123.7		1090	1000	8.6	15.0
PCB-1260 Peak 1	Ave	336.6	351.8		1050	1000	4.5	15.0
PCB-1260 Peak 2	Ave	380.2	402.0		1060	1000	5.7	15.0
PCB-1260 Peak 3	Ave	528.3	571.7		1080	1000	8.2	15.0
PCB-1260 Peak 4	Ave	245.7	265.4		1080	1000	8.0	15.0
PCB-1260 Peak 5	Ave	142.5	158.9		1120	1000	11.5	15.0
PCB-1260 Peak 6	Ave	321.6	328.6		1020	1000	2.2	15.0
PCB-1260 Peak 7	Ave	371.2	399.2		1080	1000	7.5	15.0
PCB-1260 Peak 8	Ave	121.5	129.9		1070	1000	7.0	15.0
DCB Decachlorobiphenyl	Ave	3569	3780		106	100	5.9	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87420/13 Calibration Date: 09/27/2011 12:24
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: of178036.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.44	3.37	3.51
PCB-1016 Peak 3	3.72	3.65	3.79
PCB-1016 Peak 4	3.97	3.90	4.04
PCB-1016 Peak 5	4.14	4.07	4.21
PCB-1016 Peak 6	4.44	4.37	4.51
PCB-1016 Peak 7	5.26	5.19	5.33
PCB-1016 Peak 8	5.51	5.44	5.58
PCB-1260 Peak 1	6.39	6.32	6.46
PCB-1260 Peak 2	6.72	6.65	6.79
PCB-1260 Peak 3	7.36	7.29	7.43
PCB-1260 Peak 4	7.55	7.48	7.62
PCB-1260 Peak 5	7.67	7.60	7.74
PCB-1260 Peak 6	8.21	8.14	8.28
PCB-1260 Peak 7	9.39	9.32	9.46
PCB-1260 Peak 8	10.07	10.00	10.14
DCB Decachlorobiphenyl	10.59	10.49	10.69

Data File: of178036.d
Report Date: 27-Sep-2011 14:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178036.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 27-SEP-2011 12:24
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
Meth Date : 27-Sep-2011 14:02 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177939.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====		=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.973	2.973	0.000	111000	1000.00	920	80.00-	120.00	100.00	
3.438	3.438	0.000	282214	1000.00	1000	203.40-	305.10	254.25	
3.718	3.718	0.000	134644	1000.00	1100	97.04-	145.56	121.30	
3.973	3.973	0.000	523918	1000.00	1000	377.60-	566.40	472.00	
4.140	4.140	0.000	224767	1000.00	1100	161.99-	242.99	202.49	
4.440	4.440	0.000	136876	1000.00	1000	98.65-	147.97	123.31	
5.257	5.257	0.000	136024	1000.00	1100	98.04-	147.05	122.54	
5.505	5.505	0.000	123743	1000.00	1100	89.18-	133.78	111.48	
Average of Peak Amounts =					1.04e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
6.388	6.388	0.000	351824	1000.00	1000	80.00-	120.00	100.00(M)	

Data File: of178036.d
 Report Date: 27-Sep-2011 14:02

			AMOUNTS					
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
27 Aroclor-1260 (continued)								
6.720	6.720	0.000	401967	1000.00	1000	91.40-	137.10	114.25
7.358	7.358	0.000	571730	1000.00	1100	130.00-	195.01	162.50
7.552	7.552	0.000	265407	1000.00	1100	60.35-	90.52	75.44
7.665	7.665	0.000	158913	1000.00	1100	36.13-	54.20	45.17
8.207	8.207	0.000	328634	1000.00	1000	74.73-	112.09	93.41
9.390	9.390	0.000	399204	1000.00	1100	90.77-	136.16	113.47
10.067	10.067	0.000	129942	1000.00	1100	29.55-	44.32	36.93
Average of Peak Amounts =					1.07e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.588	10.588	0.000	378040	100.000	100	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of178036.d

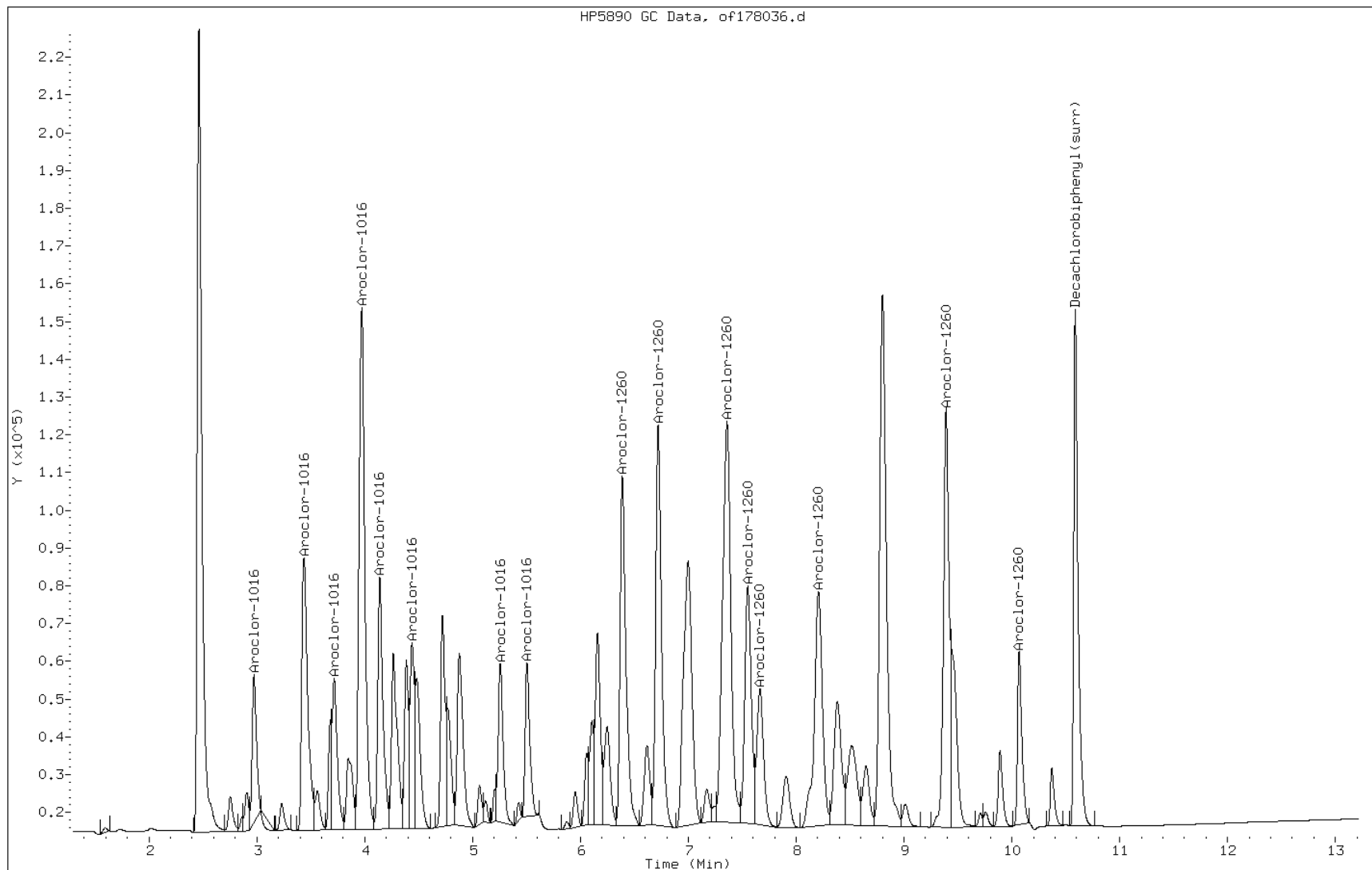
Date: 27-SEP-2011 12:24

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87420/13 Calibration Date: 09/27/2011 12:24
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: or178036.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	94.13	97.90		1040	1000	4.0	15.0
PCB-1016 Peak 2	Ave	156.9	160.5		1020	1000	2.3	15.0
PCB-1016 Peak 3	Ave	106.5	115.8		1090	1000	8.7	15.0
PCB-1016 Peak 4	Ave	321.8	343.9		1070	1000	6.9	15.0
PCB-1016 Peak 5	Ave	125.9	135.1		1070	1000	7.3	15.0
PCB-1016 Peak 6	Ave	84.97	95.60		1130	1000	12.5	15.0
PCB-1016 Peak 7	Ave	149.0	155.6		1040	1000	4.4	15.0
PCB-1016 Peak 8	Ave	131.6	140.4		1070	1000	6.7	15.0
PCB-1260 Peak 1	Ave	182.8	201.8		1100	1000	10.4	15.0
PCB-1260 Peak 2	Ave	333.6	360.5		1080	1000	8.1	15.0
PCB-1260 Peak 3	Ave	316.4	348.2		1100	1000	10.0	15.0
PCB-1260 Peak 4	Ave	148.5	160.2		1080	1000	7.9	15.0
PCB-1260 Peak 5	Ave	162.0	179.7		1110	1000	10.9	15.0
PCB-1260 Peak 6	Ave	198.6	224.6		1130	1000	13.1	15.0
PCB-1260 Peak 7	Ave	99.39	114.8		1160	1000	15.5*	15.0
PCB-1260 Peak 8	Ave	96.45	109.3		1130	1000	13.3	15.0
DCB Decachlorobiphenyl	Ave	3025	3225		107	100	6.6	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-87420/13 Calibration Date: 09/27/2011 12:24
 Instrument ID: PESTGC7 Calib Start Date: 09/23/2011 09:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/23/2011 10:24
 Lab File ID: or178036.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.37	2.30	2.44
PCB-1016 Peak 2	2.70	2.63	2.77
PCB-1016 Peak 3	2.89	2.82	2.96
PCB-1016 Peak 4	3.16	3.09	3.23
PCB-1016 Peak 5	3.30	3.23	3.37
PCB-1016 Peak 6	3.36	3.29	3.43
PCB-1016 Peak 7	3.51	3.44	3.58
PCB-1016 Peak 8	3.74	3.67	3.81
PCB-1260 Peak 1	5.17	5.10	5.24
PCB-1260 Peak 2	5.51	5.44	5.58
PCB-1260 Peak 3	5.86	5.79	5.93
PCB-1260 Peak 4	6.00	5.93	6.07
PCB-1260 Peak 5	6.33	6.26	6.40
PCB-1260 Peak 6	7.30	7.23	7.37
PCB-1260 Peak 7	7.46	7.39	7.53
PCB-1260 Peak 8	8.68	8.61	8.75
DCB Decachlorobiphenyl	9.45	9.35	9.55

Data File: or178036.d
Report Date: 27-Sep-2011 13:56

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178036.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 27-SEP-2011 12:24
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 13:56 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.367	2.367	0.000	97898 1000.00	1000	80.00- 120.00	100.00(M)
2.697	2.697	0.000	160516 1000.00	1000	131.17- 196.75	163.96
2.890	2.890	0.000	115784 1000.00	1100	94.62- 141.92	118.27
3.155	3.155	0.000	343903 1000.00	1100	281.03- 421.54	351.29
3.298	3.298	0.000	135067 1000.00	1100	110.37- 165.56	137.97
3.362	3.362	0.000	95596 1000.00	1100	78.12- 117.18	97.65
3.513	3.513	0.000	155583 1000.00	1000	127.14- 190.71	158.92
3.740	3.740	0.000	140350 1000.00	1100	114.69- 172.04	143.36
Average of Peak Amounts =			1.07e+03			

27 Aroclor-1260			CAS #: 11096-82-5			
5.165	5.165	0.000	201836 1000.00	1100	80.00- 120.00	100.00(M)

Data File: or178036.d
 Report Date: 27-Sep-2011 13:56

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.508	5.508	0.000	360539	1000.00	1100	142.90-	214.36	178.63	
5.855	5.855	0.000	348186	1000.00	1100	138.01-	207.01	172.51	
6.003	6.003	0.000	160249	1000.00	1100	63.52-	95.27	79.40	
6.332	6.332	0.000	179672	1000.00	1100	71.22-	106.82	89.02	
7.298	7.298	0.000	224648	1000.00	1100	89.04-	133.56	111.30	
7.462	7.462	0.000	114826	1000.00	1200	45.51-	68.27	56.89	
8.683	8.683	0.000	109276	1000.00	1100	43.31-	64.97	54.14	
Average of Peak Amounts =					1.11e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.450	9.450	0.000	322450	100.000	110	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178036.d

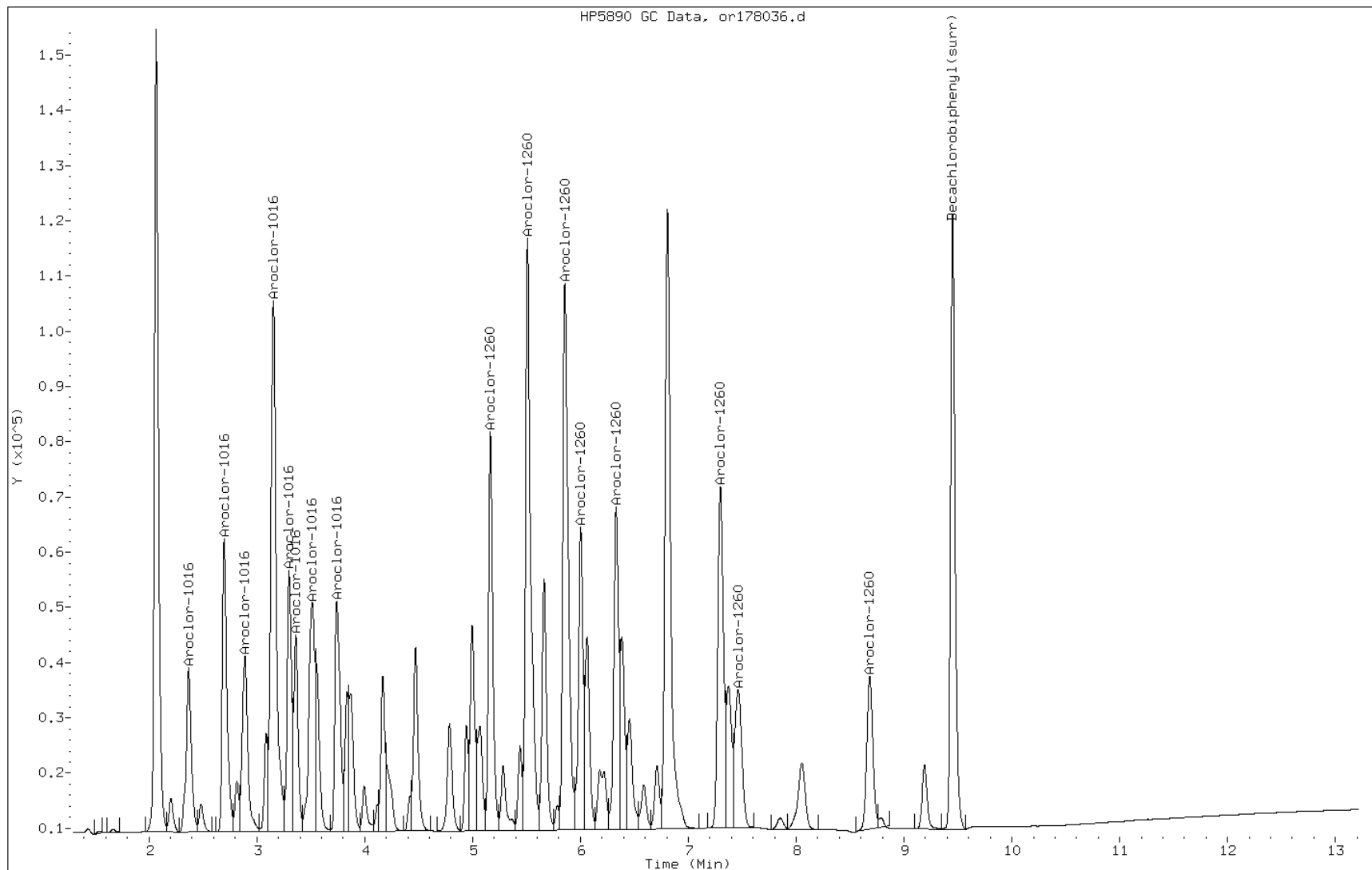
Date: 27-SEP-2011 12:24

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88374/2 Calibration Date: 10/04/2011 20:16
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465111.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	2445	2498		1020	1000	2.1	15.0
PCB-1016 Peak 2	Ave	5096	5298		1040	1000	4.0	15.0
PCB-1016 Peak 3	Ave	2239	2348		1050	1000	4.9	15.0
PCB-1016 Peak 4	Ave	10112	10221		1010	1000	1.1	15.0
PCB-1016 Peak 5	Ave	4613	4819		1040	1000	4.5	15.0
PCB-1016 Peak 6	Ave	2805	2842		1010	1000	1.3	15.0
PCB-1016 Peak 7	Ave	3295	3361		1020	1000	2.0	15.0
PCB-1016 Peak 8	Ave	3431	3300		962	1000	-3.8	15.0
PCB-1260 Peak 1	Ave	3753	4043		1080	1000	7.7	15.0
PCB-1260 Peak 2	Ave	7535	8092		1070	1000	7.4	15.0
PCB-1260 Peak 3	Ave	8953	9739		1090	1000	8.8	15.0
PCB-1260 Peak 4	Ave	6514	7131		1090	1000	9.5	15.0
PCB-1260 Peak 5	Ave	3535	3840		1090	1000	8.6	15.0
PCB-1260 Peak 6	Ave	5841	6574		1130	1000	12.5	15.0
PCB-1260 Peak 7	Ave	7331	7801		1060	1000	6.4	15.0
PCB-1260 Peak 8	Ave	3133	3201		1020	1000	2.2	15.0
DCB Decachlorobiphenyl	Ave	94023	89825		95.5	100	-4.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88374/2 Calibration Date: 10/04/2011 20:16
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465111.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.51	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.19	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.49	7.41	7.55
PCB-1260 Peak 2	7.80	7.72	7.86
PCB-1260 Peak 3	8.27	8.19	8.33
PCB-1260 Peak 4	9.39	9.31	9.45
PCB-1260 Peak 5	9.51	9.43	9.57
PCB-1260 Peak 6	9.95	9.87	10.01
PCB-1260 Peak 7	10.64	10.57	10.71
PCB-1260 Peak 8	11.12	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.45	11.65

Data File: vf465111.d
Report Date: 05-Oct-2011 12:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/vf465111.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 04-OCT-2011 20:16
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/08Vf8082.m
Meth Date : 05-Oct-2011 12:35 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.974	2.974	0.000	2497909 1000.00	1000	80.00- 120.00	100.00(M)
3.661	3.661	0.000	5298185 1000.00	1000	169.68- 254.53	212.10
4.104	4.104	0.000	2347727 1000.00	1000	75.19- 112.79	93.99
4.505	4.505	0.000	10221046 1000.00	1000	327.35- 491.02	409.18
4.750	4.750	0.000	4818643 1000.00	1000	154.33- 231.49	192.91
5.185	5.185	0.000	2841928 1000.00	1000	91.02- 136.53	113.77
5.572	5.572	0.000	3361016 1000.00	1000	107.64- 161.46	134.55
5.783	5.783	0.000	3299730 1000.00	960	105.68- 158.52	132.10
Average of Peak Amounts =			1.02e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
7.486	7.486	0.000	4042950 1000.00	1100	80.00- 120.00	100.00(M)

Data File: vf465111.d
 Report Date: 05-Oct-2011 12:35

			AMOUNTS					
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.800	7.800	0.000	8091859	1000.00	1100	160.12-	240.18	200.15
8.267	8.267	0.000	9738874	1000.00	1100	192.71-	289.06	240.89
9.386	9.386	0.000	7130931	1000.00	1100	141.10-	211.66	176.38
9.505	9.505	0.000	3839540	1000.00	1100	75.98-	113.96	94.97
9.948	9.948	0.000	6573519	1000.00	1100	130.07-	195.11	162.59
10.645	10.645	0.000	7801286	1000.00	1100	154.37-	231.55	192.96
11.115	11.115	0.000	3200760	1000.00	1000	63.34-	95.00	79.17
Average of Peak Amounts =					1.08e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.551	11.551	0.000	8982532	100.000	96	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465111.d

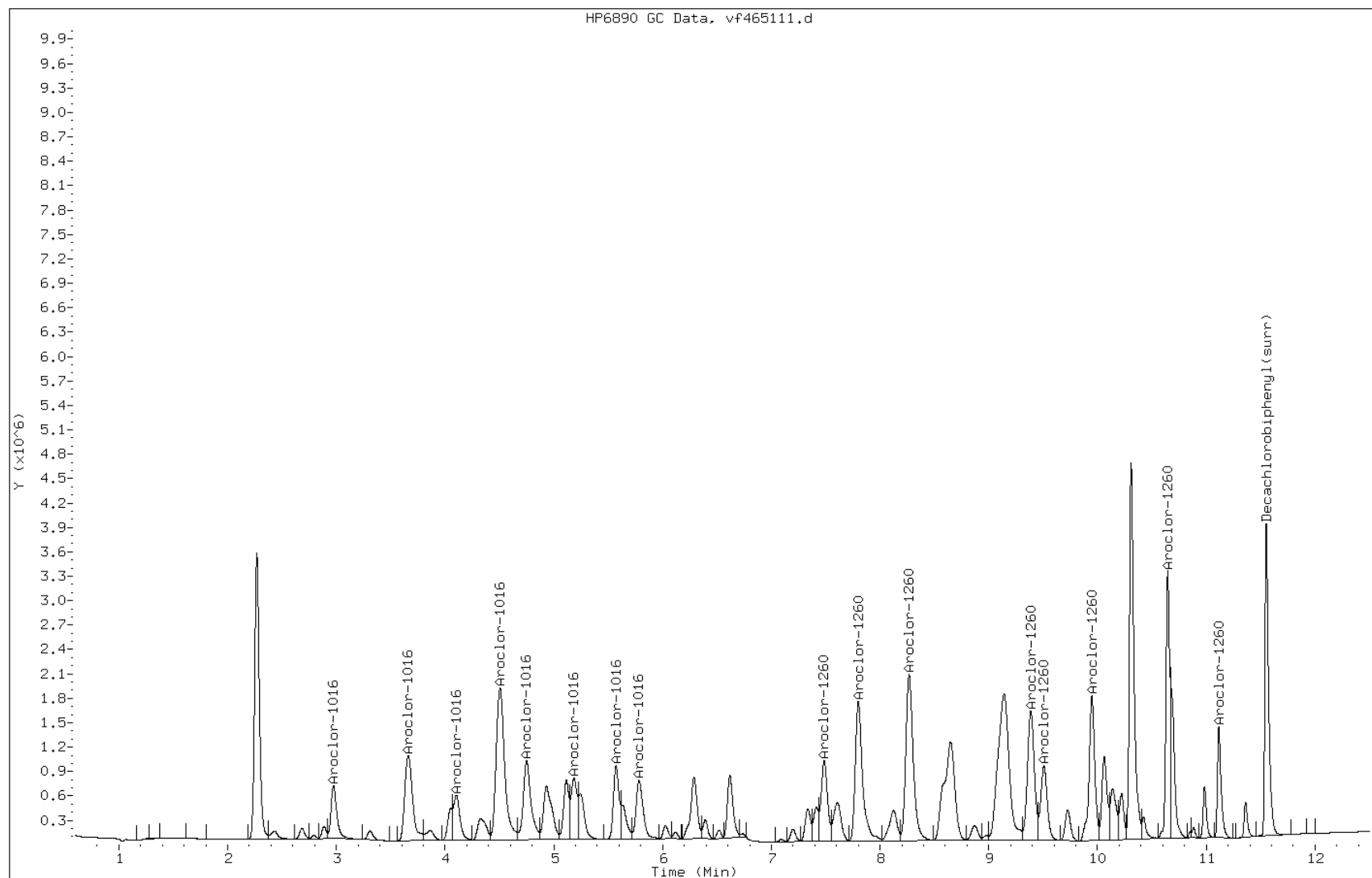
Date: 04-OCT-2011 20:16

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88374/2 Calibration Date: 10/04/2011 20:16
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465111.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	4000	4131		1030	1000	3.3	15.0
PCB-1016 Peak 2	Ave	7518	7600		1010	1000	1.1	15.0
PCB-1016 Peak 3	Ave	5093	5473		1070	1000	7.5	15.0
PCB-1016 Peak 4	Ave	15565	16063		1030	1000	3.2	15.0
PCB-1016 Peak 5	Ave	6140	6557		1070	1000	6.8	15.0
PCB-1016 Peak 6	Ave	6918	7694		1110	1000	11.2	15.0
PCB-1016 Peak 7	Ave	6082	6328		1040	1000	4.1	15.0
PCB-1016 Peak 8	Ave	2921	2926		1000	1000	0.2	15.0
PCB-1260 Peak 1	Ave	10006	10323		1030	1000	3.2	15.0
PCB-1260 Peak 2	Ave	18664	19929		1070	1000	6.8	15.0
PCB-1260 Peak 3	Ave	16384	18158		1110	1000	10.8	15.0
PCB-1260 Peak 4	Ave	9570	10340		1080	1000	8.0	15.0
PCB-1260 Peak 5	Ave	8023	9076		1130	1000	13.1	15.0
PCB-1260 Peak 6	Ave	8620	10702		1240	1000	24.2*	15.0
PCB-1260 Peak 7	Ave	7114	7466		1050	1000	4.9	15.0
PCB-1260 Peak 8	Ave	5211	6085		1170	1000	16.8*	15.0
DCB Decachlorobiphenyl	Ave	149065	145091		97.3	100	-2.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-88374/2 Calibration Date: 10/04/2011 20:16
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465111.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.10	2.03	2.17
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.15	3.07	3.21
PCB-1016 Peak 5	3.35	3.28	3.42
PCB-1016 Peak 6	3.70	3.63	3.77
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.21	4.13	4.27
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.99	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.92	8.84	8.98
PCB-1260 Peak 7	9.14	9.06	9.20
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/vr465111.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 04-OCT-2011 20:16
Operator : 615
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/08Vr8082.m
Meth Date : 05-Oct-2011 12:31 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL-AMT RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.103	2.101	0.002	4131330 1000.00	1000	80.00- 120.00	100.00(M)
2.541	2.539	0.002	7600314 1000.00	1000	143.08- 214.62	183.97
2.790	2.788	0.002	5473367 1000.00	1100	99.96- 149.93	132.48
3.149	3.144	0.005	16062841 1000.00	1000	306.05- 459.07	388.81
3.352	3.347	0.005	6556611 1000.00	1100	125.06- 187.59	158.70
3.700	3.696	0.004	7693598 1000.00	1100	133.77- 200.66	186.23
4.060	4.055	0.005	6327945 1000.00	1000	120.49- 180.73	153.17
4.208	4.204	0.004	2926477 1000.00	1000	60.76- 91.14	70.84
Average of Peak Amounts =			1.05e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
6.089	6.085	0.004	10323157 1000.00	1000	80.00- 120.00	100.00(M)

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.537	0.004	19929436	1000.00	1100	150.11-	225.16	193.06	
6.985	6.980	0.005	18157928	1000.00	1100	135.30-	202.95	175.90	
7.184	7.180	0.004	10340374	1000.00	1100	77.78-	116.66	100.17	
7.621	7.617	0.004	9076012	1000.00	1100	68.42-	102.62	87.92	
8.920	8.912	0.008	10702471	1000.00	1200	82.50-	123.75	103.67	
9.140	9.133	0.007	7465879	1000.00	1000	54.61-	81.92	72.32	
10.173	10.169	0.004	6084983	1000.00	1200	42.94-	64.41	58.94	
Average of Peak Amounts =					1.11e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.635	10.634	0.001	14509108	100.000	97	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465111.d

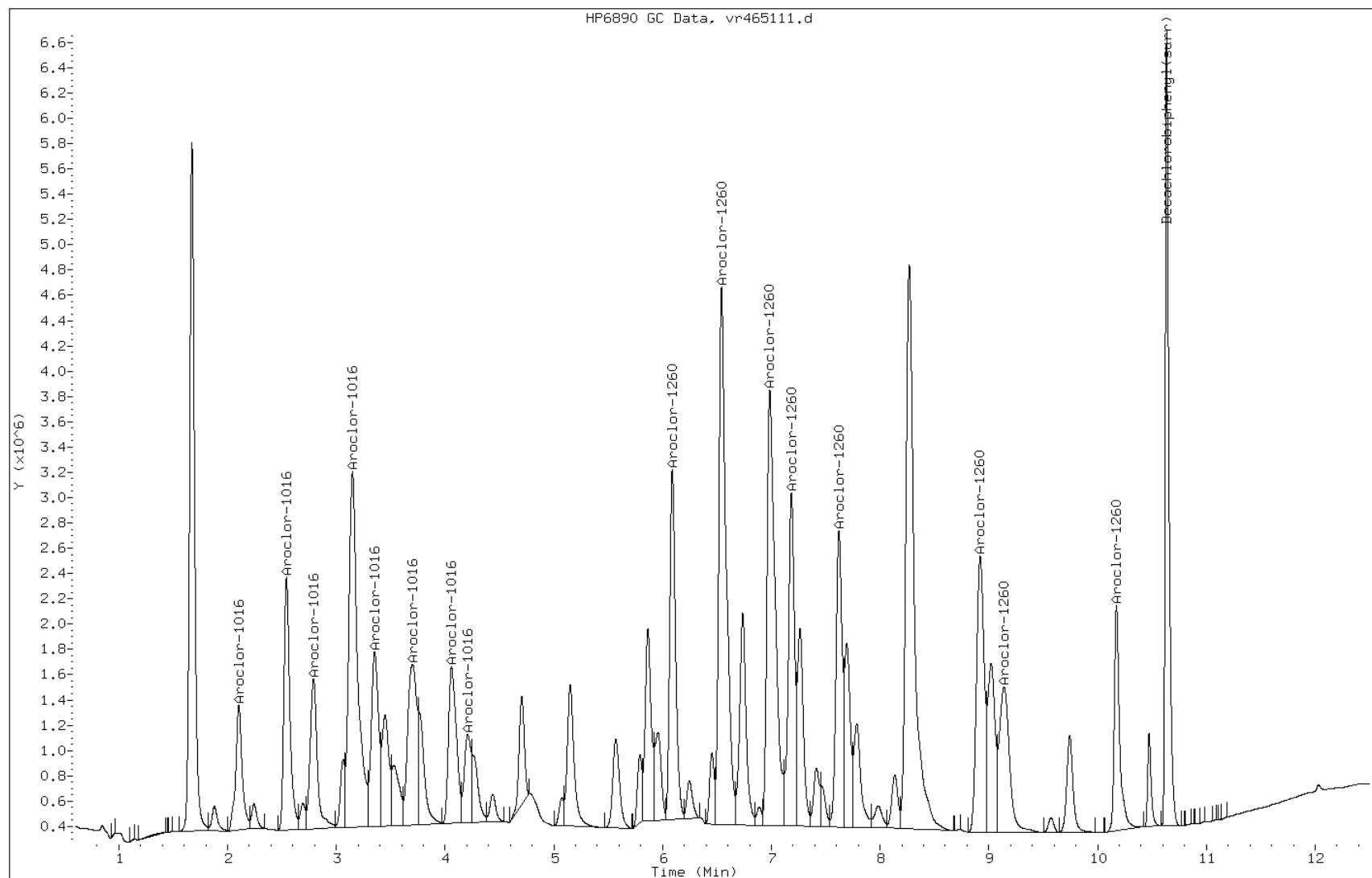
Date: 04-OCT-2011 20:16

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 615

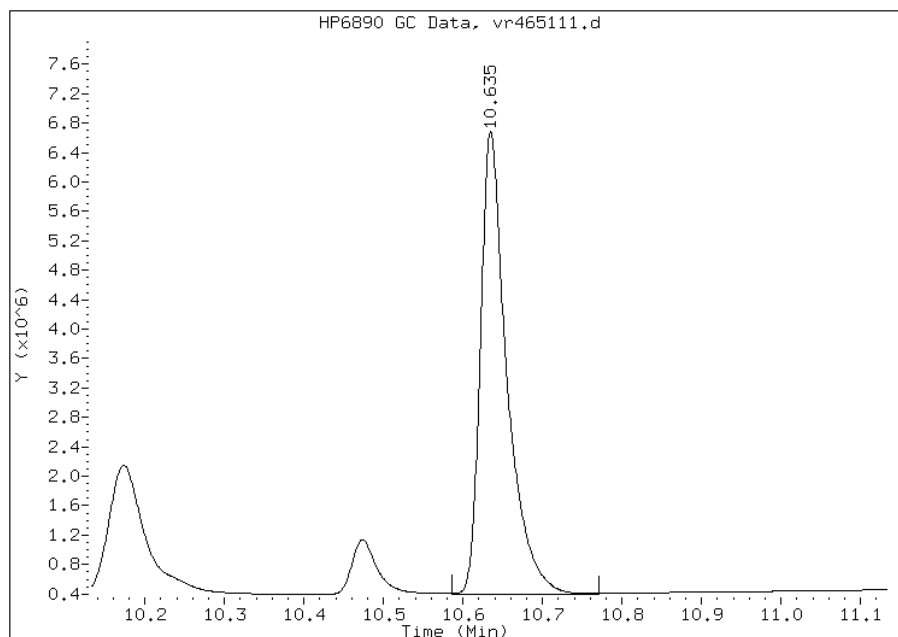


Manual Integration Report

Data File: vr465111.d
Inj. Date and Time: 04-OCT-2011 20:16
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/05/2011

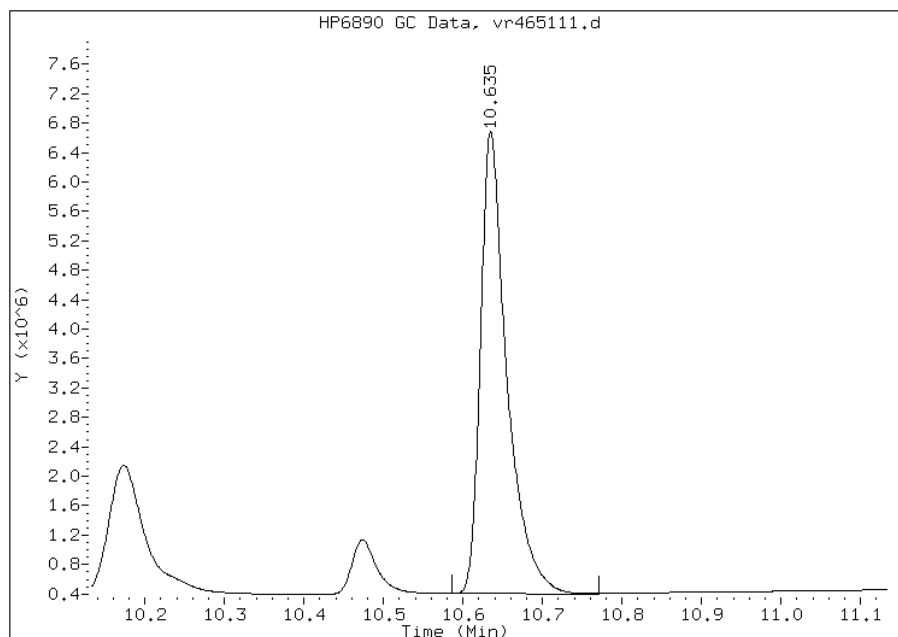
Processing Integration Results

RT: 10.63
Response: 14575650
Amount: 97.78
Conc: 65.19



Manual Integration Results

RT: 10.63
Response: 14509108
Amount: 97.33
Conc: 97.33



Manually Integrated By: shanthi
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88374/21 Calibration Date: 10/05/2011 01:17
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465130.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	2445	2740		1120	1000	12.1	15.0
PCB-1016 Peak 2	Ave	5096	5424		1060	1000	6.4	15.0
PCB-1016 Peak 3	Ave	2239	2361		1050	1000	5.5	15.0
PCB-1016 Peak 4	Ave	10112	10434		1030	1000	3.2	15.0
PCB-1016 Peak 5	Ave	4613	4856		1050	1000	5.3	15.0
PCB-1016 Peak 6	Ave	2805	2875		1020	1000	2.5	15.0
PCB-1016 Peak 7	Ave	3295	3350		1020	1000	1.6	15.0
PCB-1016 Peak 8	Ave	3431	3308		964	1000	-3.6	15.0
PCB-1260 Peak 1	Ave	3753	4038		1080	1000	7.6	15.0
PCB-1260 Peak 2	Ave	7535	8109		1080	1000	7.6	15.0
PCB-1260 Peak 3	Ave	8953	9744		1090	1000	8.8	15.0
PCB-1260 Peak 4	Ave	6514	7096		1090	1000	8.9	15.0
PCB-1260 Peak 5	Ave	3535	3806		1080	1000	7.7	15.0
PCB-1260 Peak 6	Ave	5841	6397		1100	1000	9.5	15.0
PCB-1260 Peak 7	Ave	7331	7568		1030	1000	3.2	15.0
PCB-1260 Peak 8	Ave	3133	3141		1000	1000	0.3	15.0
DCB Decachlorobiphenyl	Ave	94023	88051		93.6	100	-6.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88374/21 Calibration Date: 10/05/2011 01:17
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vf465130.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.97	2.90	3.04
PCB-1016 Peak 2	3.66	3.59	3.73
PCB-1016 Peak 3	4.10	4.03	4.17
PCB-1016 Peak 4	4.50	4.43	4.57
PCB-1016 Peak 5	4.75	4.68	4.82
PCB-1016 Peak 6	5.18	5.11	5.25
PCB-1016 Peak 7	5.57	5.50	5.64
PCB-1016 Peak 8	5.78	5.71	5.85
PCB-1260 Peak 1	7.48	7.41	7.55
PCB-1260 Peak 2	7.79	7.72	7.86
PCB-1260 Peak 3	8.26	8.19	8.33
PCB-1260 Peak 4	9.38	9.31	9.45
PCB-1260 Peak 5	9.50	9.43	9.57
PCB-1260 Peak 6	9.94	9.87	10.01
PCB-1260 Peak 7	10.64	10.57	10.71
PCB-1260 Peak 8	11.11	11.04	11.18
DCB Decachlorobiphenyl	11.55	11.45	11.65

Data File: vf465130.d
 Report Date: 05-Oct-2011 12:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/vf465130.d
 Lab Smp Id: CCV-SG1660L3_00013
 Inj Date : 05-OCT-2011 01:17
 Operator : 615
 Smp Info : CCV-SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/08Vf8082.m
 Meth Date : 05-Oct-2011 12:37 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 55
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.d
 Continuing Calibration Sample
 Compound Sublist: AR16600S.sub
 Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016				CAS #: 12674-11-2		
2.971	2.971	0.000	2740177 1000.00	1100	80.00- 120.00	100.00(M)
3.658	3.658	0.000	5424464 1000.00	1100	158.37- 237.55	197.96
4.100	4.100	0.000	2361232 1000.00	1000	68.94- 103.40	86.17
4.501	4.501	0.000	10434144 1000.00	1000	304.63- 456.94	380.78
4.745	4.745	0.000	4855910 1000.00	1000	141.77- 212.65	177.21
5.180	5.180	0.000	2874881 1000.00	1000	83.93- 125.90	104.92
5.569	5.569	0.000	3349528 1000.00	1000	97.79- 146.69	122.24
5.778	5.778	0.000	3307937 1000.00	960	96.58- 144.86	120.72
Average of Peak Amounts =				1.04e+03		
27 Aroclor-1260				CAS #: 11096-82-5		
7.481	7.481	0.000	4037656 1000.00	1100	80.00- 120.00	100.00(M)

Data File: vf465130.d
 Report Date: 05-Oct-2011 12:37

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL		TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====		=====	=====	
27 Aroclor-1260 (continued)									
7.794	7.794	0.000	8108918	1000.00	1100	160.67-	241.00	200.83	
8.260	8.260	0.000	9744430	1000.00	1100	193.07-	289.61	241.34	
9.381	9.381	0.000	7095767	1000.00	1100	140.59-	210.89	175.74	
9.500	9.500	0.000	3806229	1000.00	1100	75.41-	113.12	94.27	
9.944	9.944	0.000	6397398	1000.00	1100	126.75-	190.13	158.44	
10.644	10.644	0.000	7567807	1000.00	1000	149.94-	224.92	187.43	
11.113	11.113	0.000	3141454	1000.00	1000	62.24-	93.36	77.80	
Average of Peak Amounts =					1.07e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.547	11.547	0.000	8805062	100.000	94	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465130.d

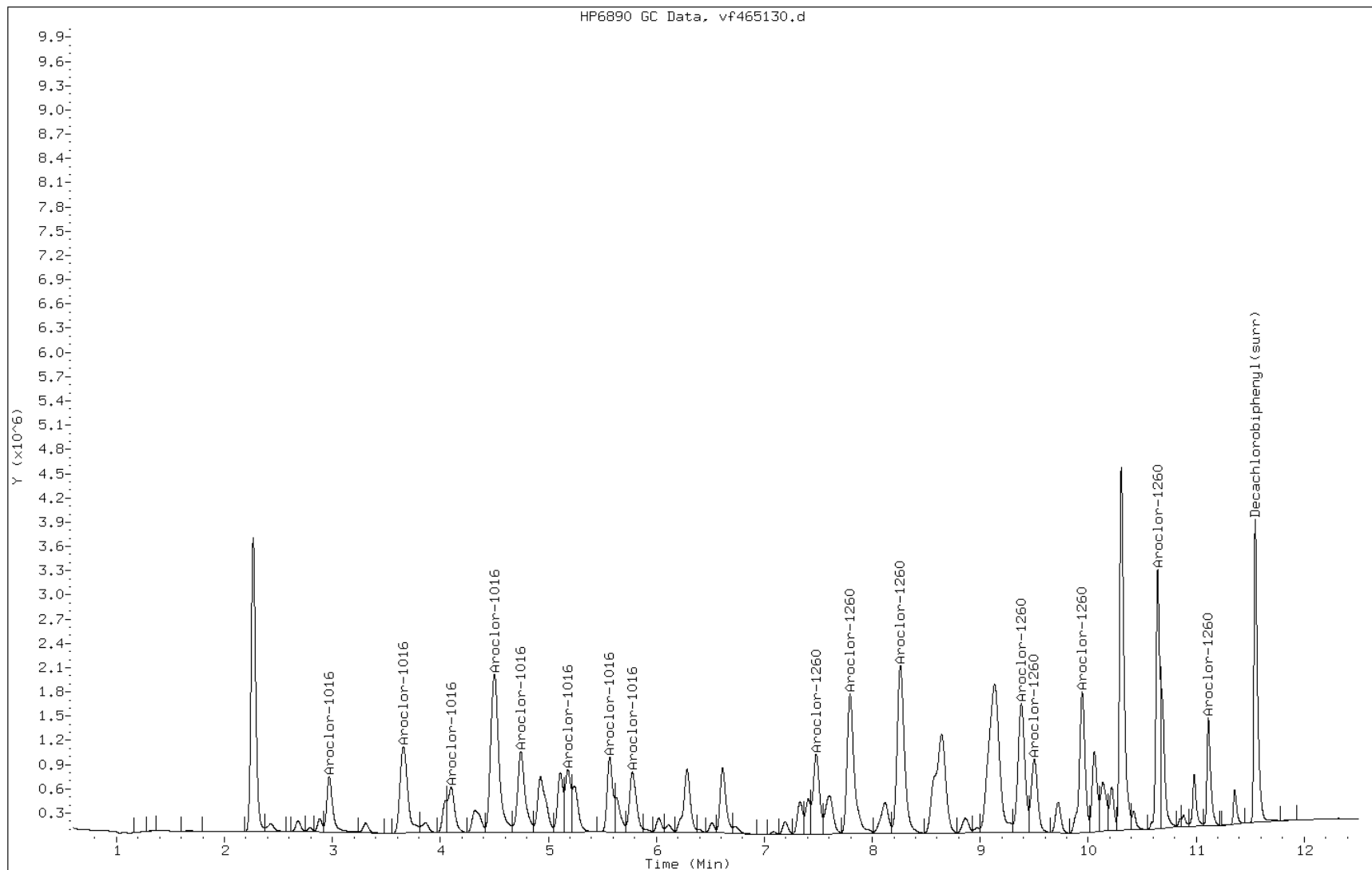
Date: 05-OCT-2011 01:17

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88374/21 Calibration Date: 10/05/2011 01:17
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465130.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	4000	4257		1060	1000	6.4	15.0
PCB-1016 Peak 2	Ave	7518	7614		1010	1000	1.3	15.0
PCB-1016 Peak 3	Ave	5093	5319		1040	1000	4.4	15.0
PCB-1016 Peak 4	Ave	15565	16287		1050	1000	4.6	15.0
PCB-1016 Peak 5	Ave	6140	6655		1080	1000	8.4	15.0
PCB-1016 Peak 6	Ave	6918	7119		1030	1000	2.9	15.0
PCB-1016 Peak 7	Ave	6082	6412		1050	1000	5.4	15.0
PCB-1016 Peak 8	Ave	2921	3233		1110	1000	10.7	15.0
PCB-1260 Peak 1	Ave	10006	10729		1070	1000	7.2	15.0
PCB-1260 Peak 2	Ave	18664	20131		1080	1000	7.9	15.0
PCB-1260 Peak 3	Ave	16384	18145		1110	1000	10.7	15.0
PCB-1260 Peak 4	Ave	9570	10430		1090	1000	9.0	15.0
PCB-1260 Peak 5	Ave	8023	9175		1140	1000	14.4	15.0
PCB-1260 Peak 6	Ave	8620	11064		1280	1000	28.3*	15.0
PCB-1260 Peak 7	Ave	7114	7324		1030	1000	2.9	15.0
PCB-1260 Peak 8	Ave	5211	5759		1110	1000	10.5	15.0
DCB Decachlorobiphenyl	Ave	149065	139514		93.6	100	-6.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: CCV 460-88374/21 Calibration Date: 10/05/2011 01:17
 Instrument ID: PESTGC9 Calib Start Date: 09/29/2011 12:19
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 09/29/2011 13:21
 Lab File ID: vr465130.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.10	2.03	2.17
PCB-1016 Peak 2	2.54	2.47	2.61
PCB-1016 Peak 3	2.79	2.72	2.86
PCB-1016 Peak 4	3.14	3.07	3.21
PCB-1016 Peak 5	3.35	3.28	3.42
PCB-1016 Peak 6	3.70	3.63	3.77
PCB-1016 Peak 7	4.06	3.99	4.13
PCB-1016 Peak 8	4.20	4.13	4.27
PCB-1260 Peak 1	6.09	6.02	6.16
PCB-1260 Peak 2	6.54	6.47	6.61
PCB-1260 Peak 3	6.98	6.91	7.05
PCB-1260 Peak 4	7.18	7.11	7.25
PCB-1260 Peak 5	7.62	7.55	7.69
PCB-1260 Peak 6	8.91	8.84	8.98
PCB-1260 Peak 7	9.13	9.06	9.20
PCB-1260 Peak 8	10.17	10.10	10.24
DCB Decachlorobiphenyl	10.63	10.53	10.73

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/vr465130.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 05-OCT-2011 01:17
Operator : 615
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/08Vr8082.m
Meth Date : 05-Oct-2011 12:31 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 55
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
Continuing Calibration Sample
Compound Sublist: AR16600S.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

AMOUNTS						
RT	EXP RT	DLT RT	CAL - AMT RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.101	2.101	0.000	4257326 1000.00	1100 80.00- 120.00	100.00(M)	
2.539	2.539	0.000	7614396 1000.00	1000 143.08- 214.62	178.85	
2.788	2.788	0.000	5319290 1000.00	1000 99.96- 149.93	124.94	
3.144	3.144	0.000	16286824 1000.00	1000 306.05- 459.07	382.56	
3.347	3.347	0.000	6655131 1000.00	1100 125.06- 187.59	156.32	
3.696	3.696	0.000	7118993 1000.00	1000 133.77- 200.66	167.22	
4.055	4.055	0.000	6411880 1000.00	1000 120.49- 180.73	150.61	
4.204	4.204	0.000	3233278 1000.00	1100 60.76- 91.14	75.95	
Average of Peak Amounts =			1.06e+03			
27 Aroclor-1260			CAS #: 11096-82-5			
6.085	6.085	0.000	10728600 1000.00	1100 80.00- 120.00	100.00	

AMOUNTS									
			CAL - AMT		ON - COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.537	6.537	0.000	20130768	1000.00	1100	150.11-	225.16	187.64	
6.980	6.980	0.000	18144538	1000.00	1100	135.30-	202.95	169.12	
7.180	7.180	0.000	10430362	1000.00	1100	77.78-	116.66	97.22	
7.617	7.617	0.000	9174982	1000.00	1100	68.42-	102.62	85.52	
8.912	8.912	0.000	11063749	1000.00	1300	82.50-	123.75	103.12	
9.133	9.133	0.000	7324251	1000.00	1000	54.61-	81.92	68.27	
10.169	10.169	0.000	5758934	1000.00	1100	42.94-	64.41	53.68	
Average of Peak Amounts =					1.11e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.634	10.634	0.000	13951426	100.000	94	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465130.d

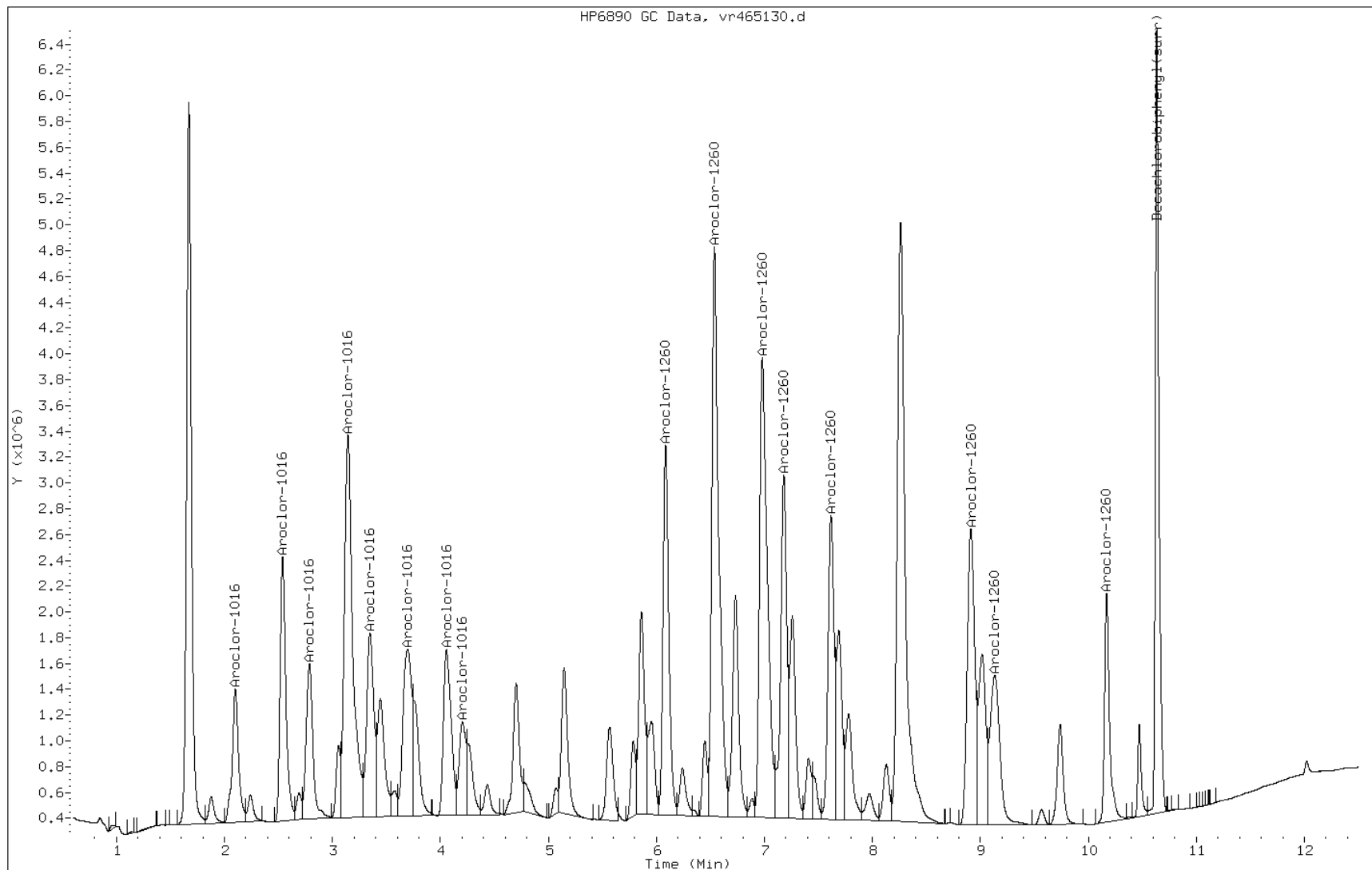
Date: 05-OCT-2011 01:17

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-87367/1-A
Matrix: Solid Lab File ID: of178028.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 10:13
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		30-150

Data File: of178028.d
Report Date: 27-Sep-2011 12:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178028.d
Lab Smp Id: MB 460-87367/1-A
Inj Date : 27-SEP-2011 10:13
Operator : 615
Smp Info : MB 460-87367/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
Meth Date : 27-Sep-2011 12:21 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177939.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.595	10.588	0.007	213498	59.8158	40 80.00- 120.00	100.00

Data File: of178028.d

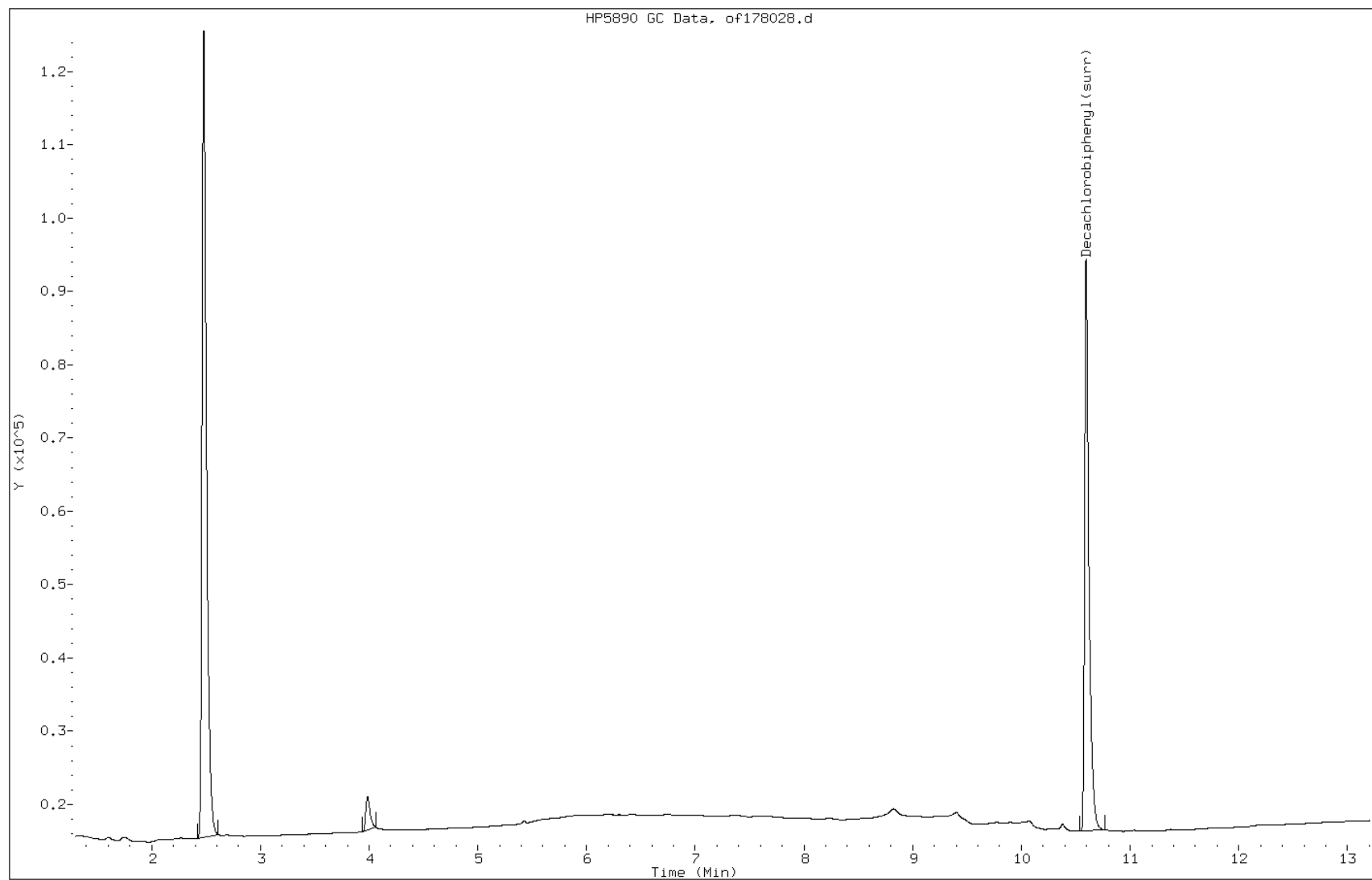
Date: 27-SEP-2011 10:13

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-87367/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-87367/1-A
 Matrix: Solid Lab File ID: or178028.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 10:13
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	67	U	67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	67	U	67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	117		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178028.d
Lab Smp Id: MB 460-87367/1-A
Inj Date : 27-SEP-2011 10:13
Operator : 615
Smp Info : MB 460-87367/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 12:17 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable

Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.455	9.452	0.003	176986	58.5080	39 80.00- 120.00	100.00

Data File: or178028.d

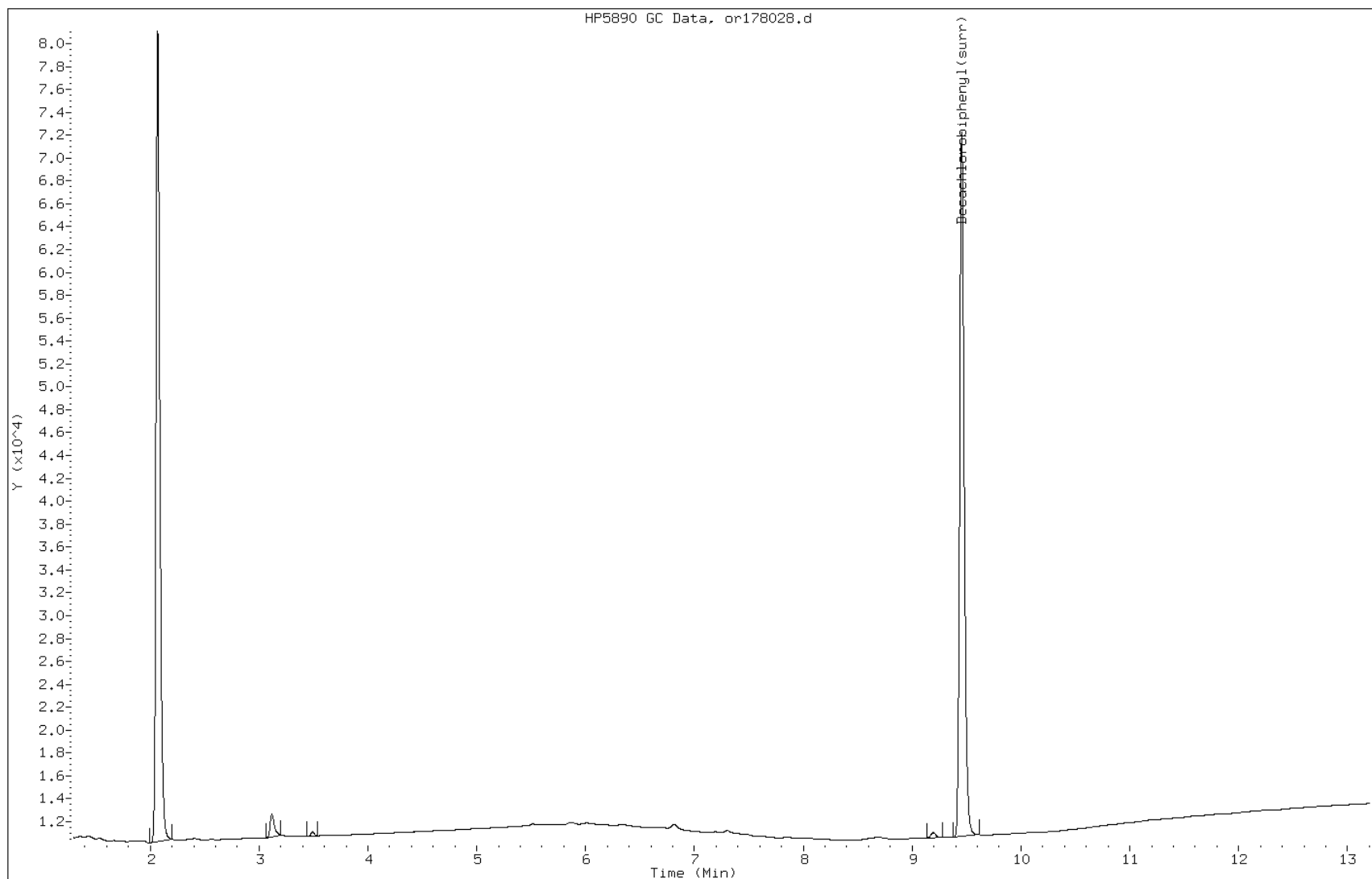
Date: 27-SEP-2011 10:13

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-87367/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-88122/1-A
Matrix: Solid Lab File ID: vf465112.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
Sample wt/vol: 15.00(g) Date Analyzed: 10/04/2011 20:32
Con. Extract Vol.: 10(mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	112		30-150

Data File: vf465112.d
Report Date: 05-Oct-2011 12:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/vf465112.d
Lab Smp Id: MB 460-88122/1-A
Inj Date : 04-OCT-2011 20:32
Operator : 615
Smp Info : MB 460-88122/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/08Vf8082.m
Meth Date : 05-Oct-2011 12:35 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 37
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
11.551	11.551	0.000	5272472	56.0767	37 80.00- 120.00	100.00

Data File: vf465112.d

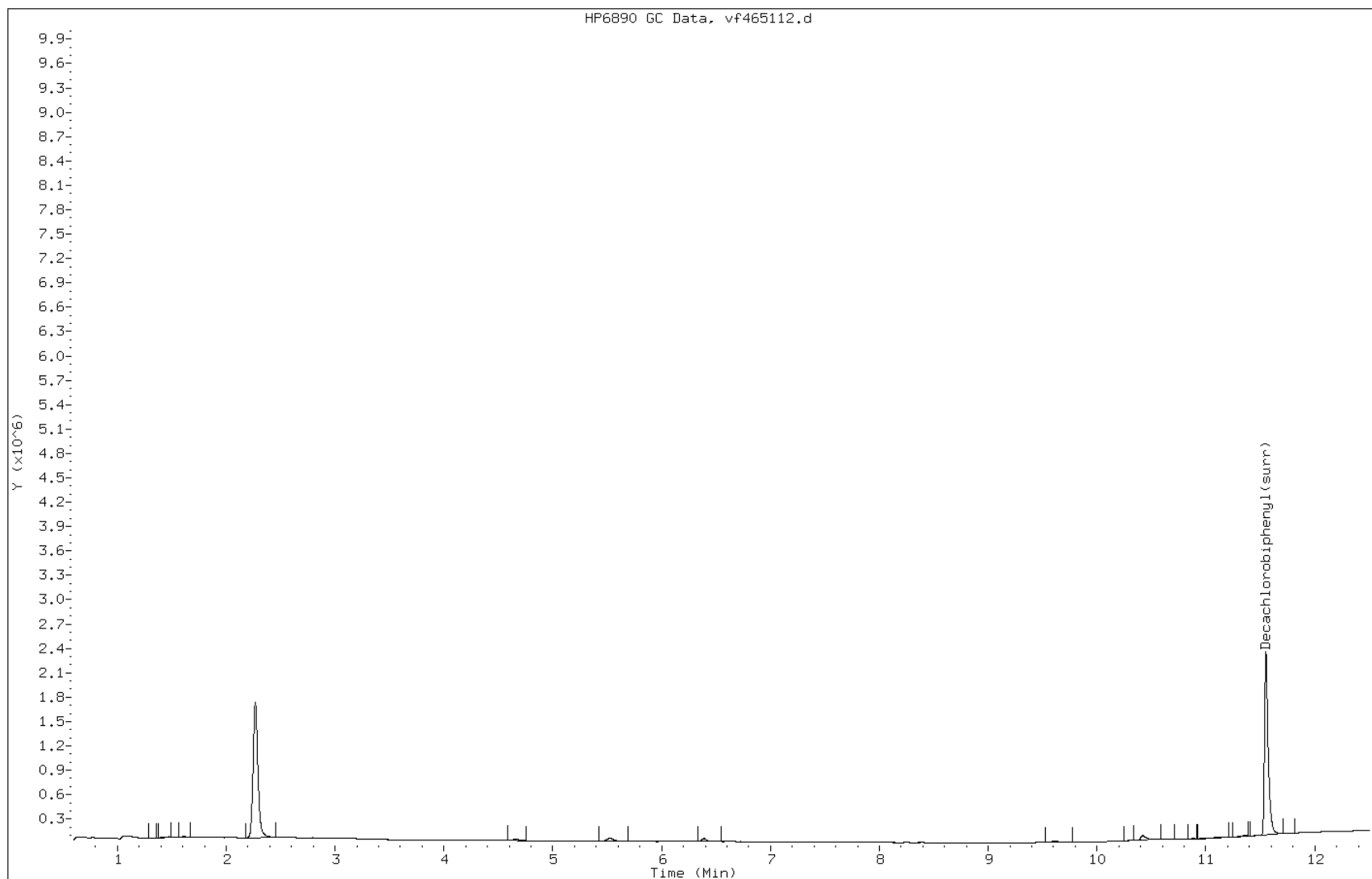
Date: 04-OCT-2011 20:32

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-88122/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-88122/1-A
 Matrix: Solid Lab File ID: vr465112.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
 Sample wt/vol: 15.00(g) Date Analyzed: 10/04/2011 20:32
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	67	U	67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	67	U	67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/vr465112.d
Lab Smp Id: MB 460-88122/1-A
Inj Date : 04-OCT-2011 20:32
Operator : 615
Smp Info : MB 460-88122/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/08Vr8082.m
Meth Date : 05-Oct-2011 12:31 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 37
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.634	10.634	0.000	8506456	57.0656	38 80.00- 120.00	100.00

Data File: vr465112.d

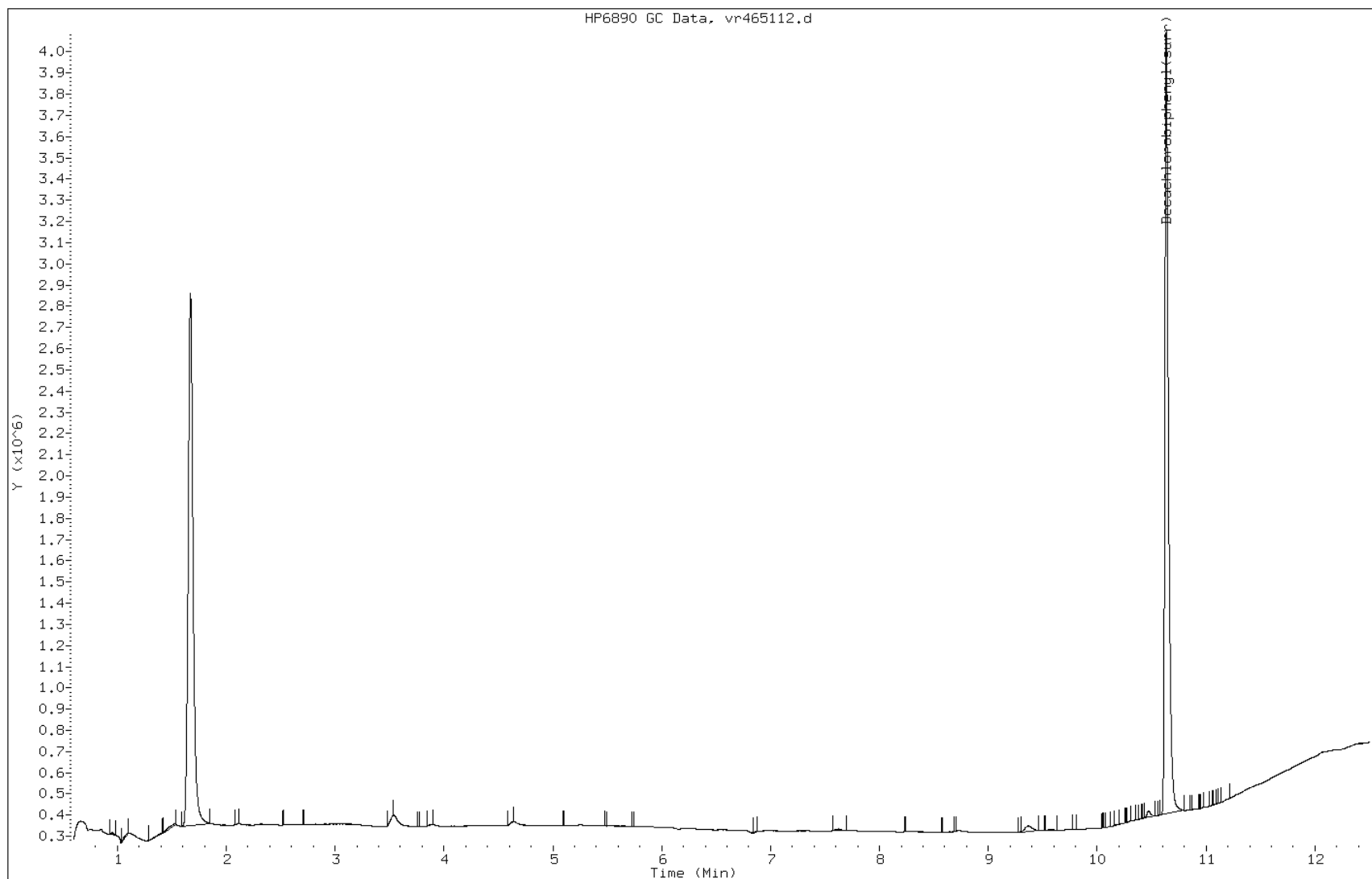
Date: 04-OCT-2011 20:32

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-88122/1-A

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87420/3
 Matrix: Solid Lab File ID: of178026.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/27/2011 08:06
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

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

Data File: of178026.d
Report Date: 27-Sep-2011 12:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178026.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 27-SEP-2011 08:06
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
Meth Date : 27-Sep-2011 12:20 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177939.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.590	10.588	0.002	103594 29.0239	19	80.00- 120.00	100.00

Data File: of178026.d

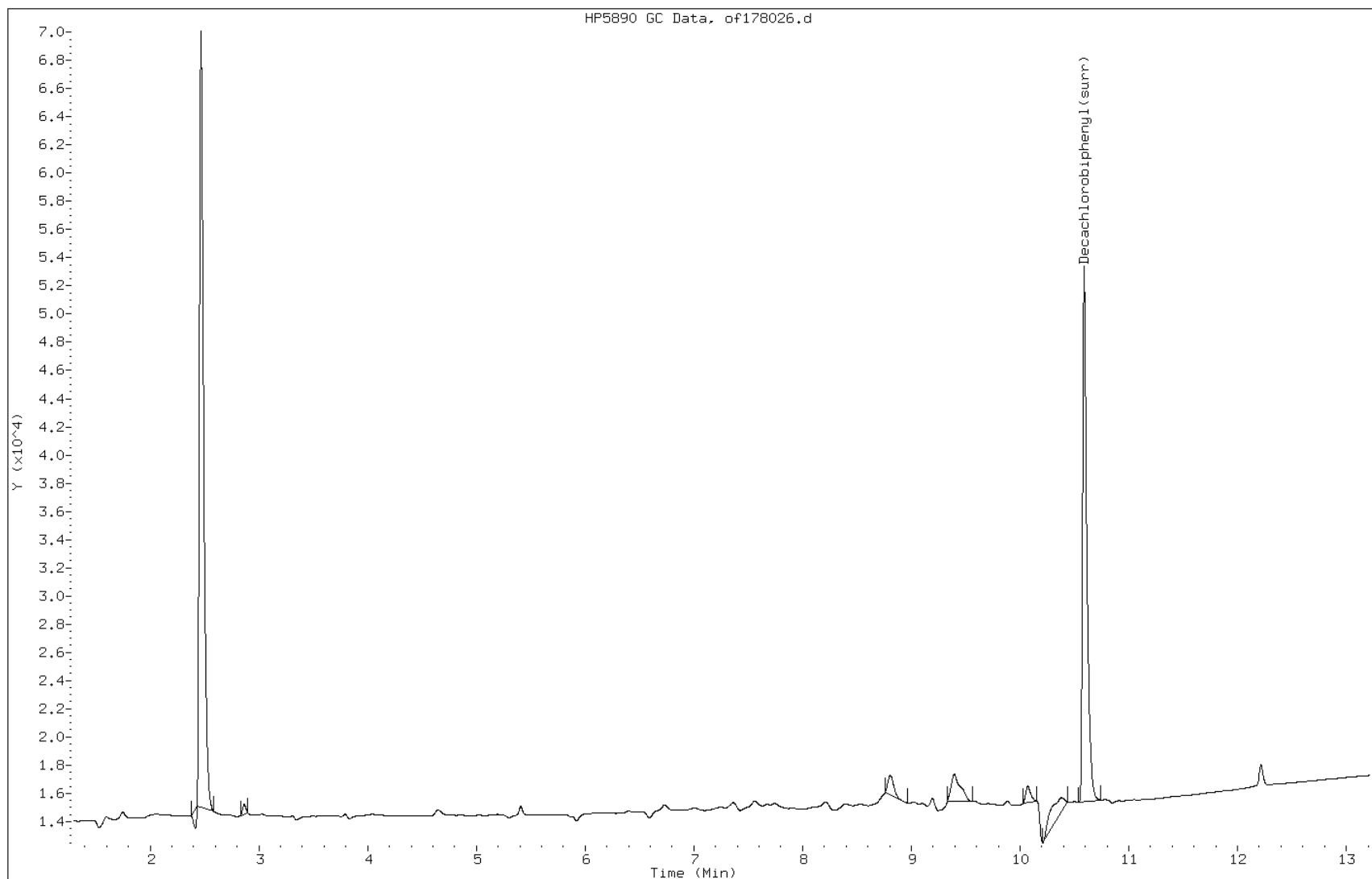
Date: 27-SEP-2011 08:06

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87420/3
 Matrix: Solid Lab File ID: or178026.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/27/2011 08:06
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

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

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178026.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 27-SEP-2011 08:06
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 12:17 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 3
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable

Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.453	9.452	0.001	96455 31.8861	21	80.00- 120.00	100.00

Data File: or178026.d

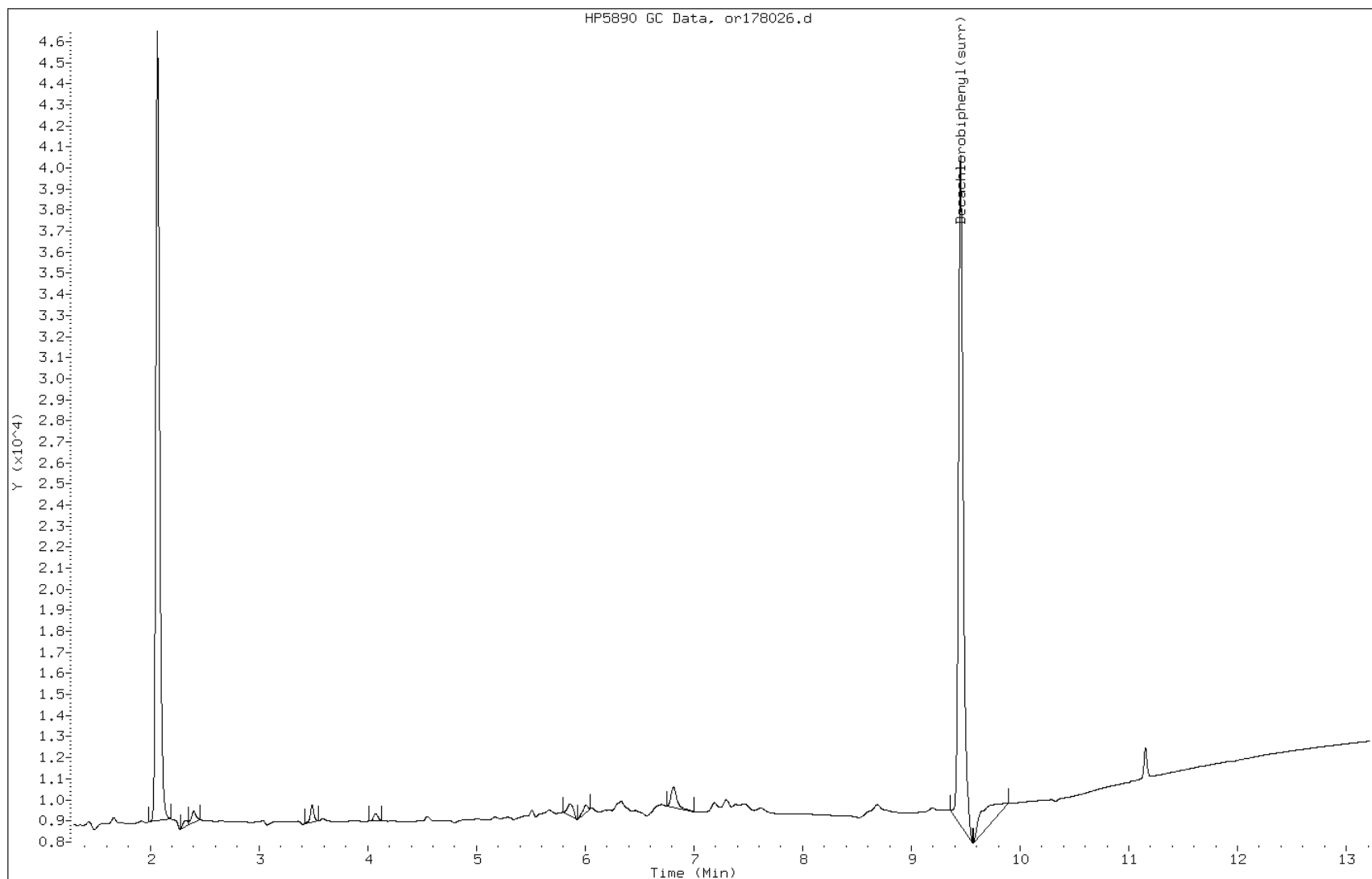
Date: 27-SEP-2011 08:06

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87420/12
 Matrix: Solid Lab File ID: of178035.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/27/2011 12:08
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

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

Data File: of178035.d
Report Date: 27-Sep-2011 14:02

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178035.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 27-SEP-2011 12:08
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
Meth Date : 27-Sep-2011 12:21 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: of177939.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.588	10.588	0.000	102762	28.7908	19 80.00- 120.00	100.00

Data File: of178035.d

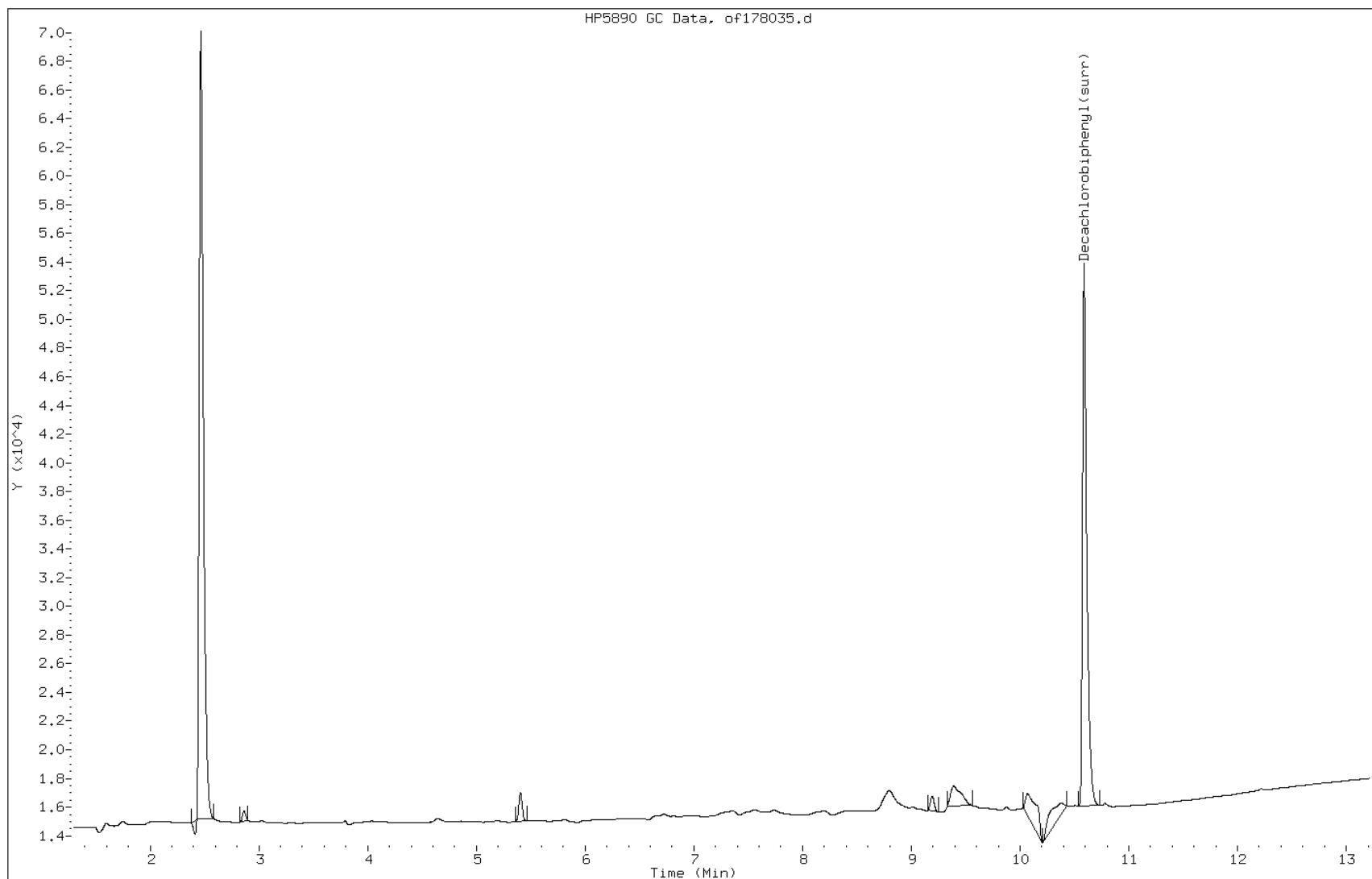
Date: 27-SEP-2011 12:08

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-87420/12
 Matrix: Solid Lab File ID: or178035.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 09/27/2011 12:08
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.50	U	0.50	0.13
11104-28-2	PCB-1221	0.50	U	0.50	0.28
11141-16-5	PCB-1232	0.50	U	0.50	0.12
53469-21-9	PCB-1242	0.50	U	0.50	0.12
12672-29-6	PCB-1248	0.50	U	0.50	0.24
11097-69-1	PCB-1254	0.50	U	0.50	0.17
11096-82-5	PCB-1260	0.50	U	0.50	0.15

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

Data File: or178035.d
Report Date: 27-Sep-2011 13:56

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178035.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 27-SEP-2011 12:08
Operator : 615
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 13:56 shanthi
Cal Date : 23-SEP-2011 12:19
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Quant Type: ESTD
Cal File: or177939.d
QC Sample: INSTBLANK
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.452	9.450	0.002	96926 32.0418	21	80.00- 120.00	100.00

Data File: or178035.d

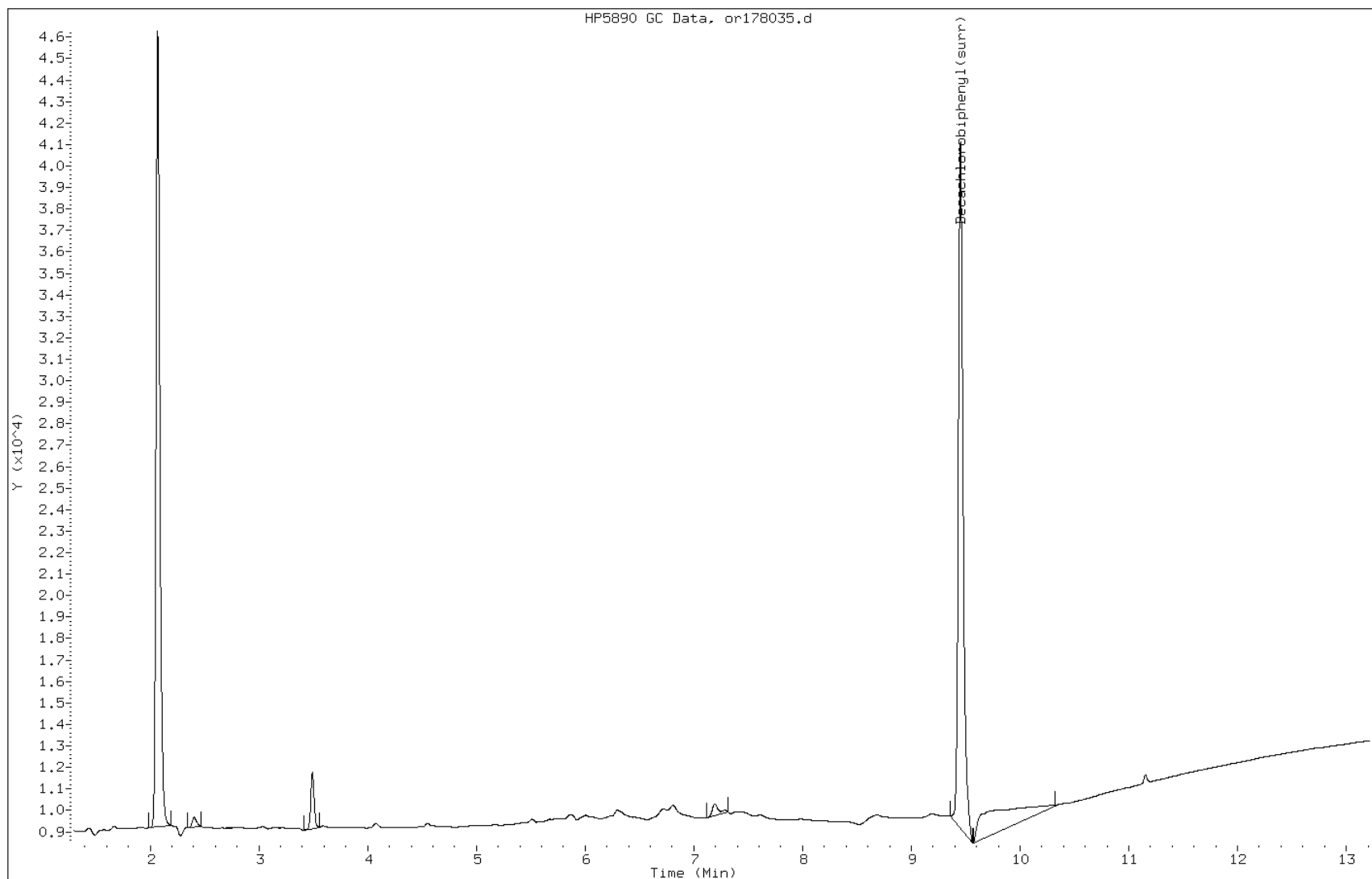
Date: 27-SEP-2011 12:08

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator: 615



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87367/2-A
 Matrix: Solid Lab File ID: of178029.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 10:29
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	391		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	377		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	132		30-150

Data File: of178029.d
Report Date: 27-Sep-2011 12:21

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178029.d
Lab Smp Id: LCS 460-87367/2-A
Inj Date : 27-SEP-2011 10:29
Operator : 615
Smp Info : LCS 460-87367/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
Meth Date : 27-Sep-2011 12:21 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: of177939.d
Als bottle: 6 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOIL
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.980	2.977	0.003	70044	582.886	390	80.00-	120.00	100.00
3.443	3.442	0.001	160838	583.669	390	204.44-	306.66	229.62
3.723	3.722	0.001	73138	582.620	390	98.05-	147.07	104.42
3.978	3.977	0.001	301299	597.728	400	379.51-	569.27	430.16
4.147	4.143	0.004	126780	601.196	400	162.32-	243.48	181.00
4.445	4.443	0.002	77516	587.490	390	98.58-	147.86	110.67
5.263	5.260	0.003	71335	571.050	380	95.14-	142.70	101.84
5.510	5.508	0.002	67135	589.403	390	89.37-	134.06	95.85
Average of Peak Concentrations =					390			

27 Aroclor-1260					CAS #: 11096-82-5			
6.395	6.392	0.003	188320	559.484	370	80.00-	120.00	100.00(M)

Data File: of178029.d
 Report Date: 27-Sep-2011 12:21

			CONCENTRATIONS					
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO
			RESPONSE	(ug/L)	(ug/kg)			
==	=====	=====	=====	=====	=====	=====		=====
27 Aroclor-1260 (continued)								
6.728	6.725	0.003	211361	555.901	370	92.41-	138.61	112.24
7.367	7.363	0.004	309056	584.980	390	128.60-	192.90	164.11
7.560	7.557	0.003	142988	582.066	390	59.73-	89.60	75.93
7.673	7.668	0.005	81853	574.500	380	35.18-	52.77	43.46
8.217	8.212	0.005	169410	526.791	350	76.44-	114.66	89.96
9.395	9.392	0.003	211394	569.515	380	92.35-	138.53	112.25
10.070	10.068	0.002	69111	568.840	380	30.35-	45.53	36.70
Average of Peak Concentrations =					380			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.588	10.588	0.000	236258	66.1924	44	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of178029.d

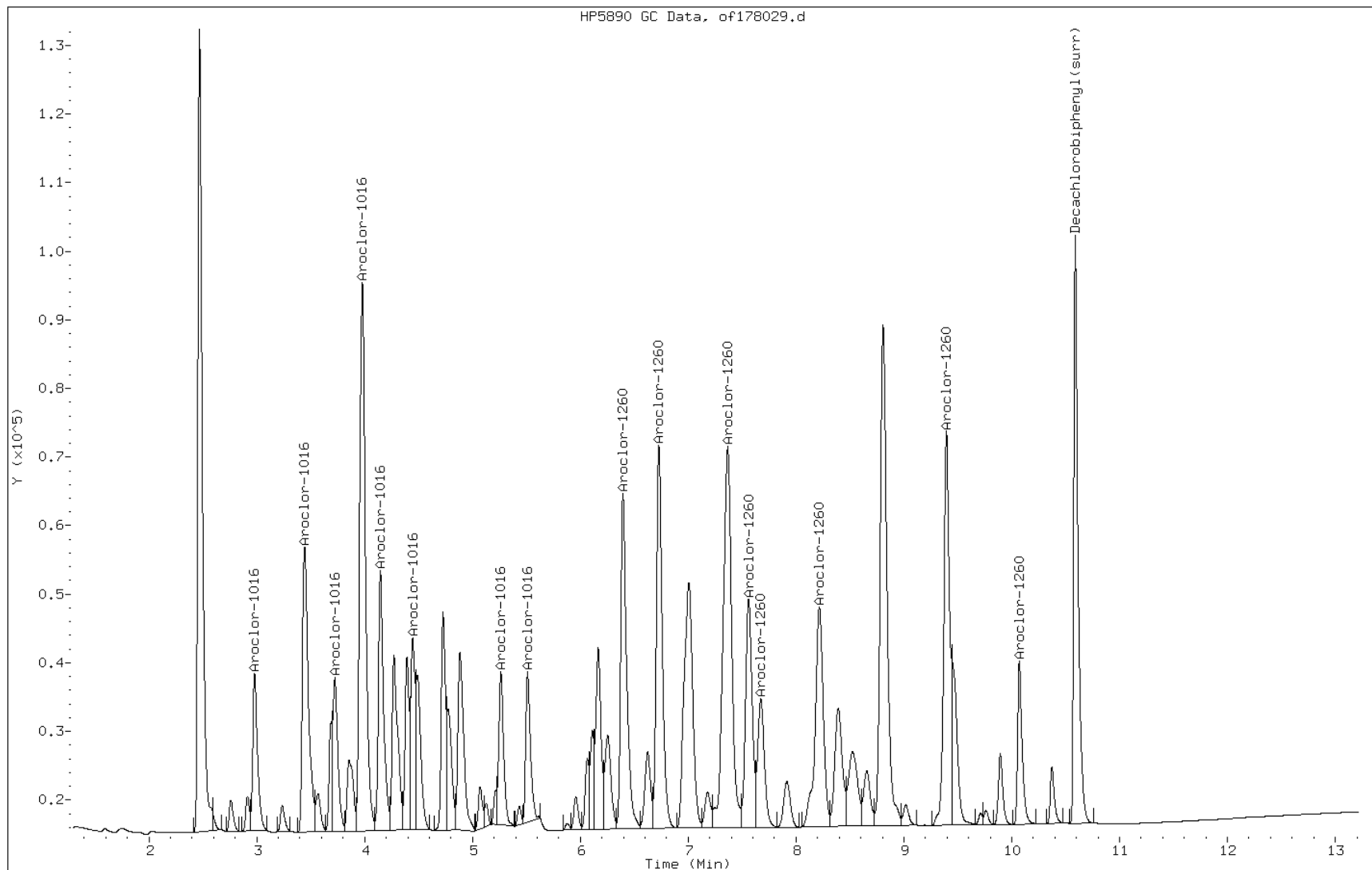
Date: 27-SEP-2011 10:29

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-87367/2-A

Operator: 615



Manual Integration Report

Data File: of178029.d
Inj. Date and Time: 27-SEP-2011 10:29
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/27/2011

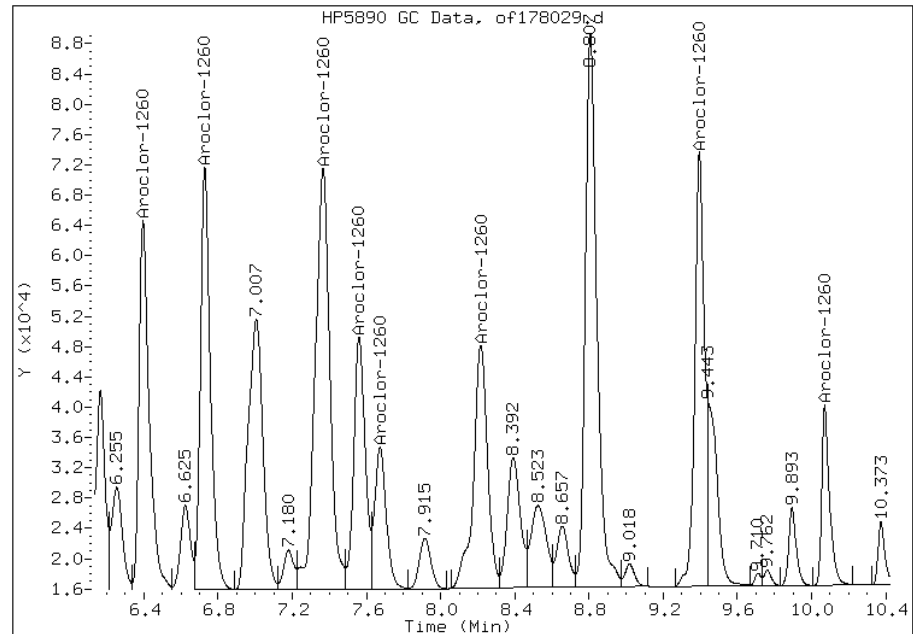
Processing Integration Results

Not Detected

Expected RT: 6.39

Manual Integration Results

RT: 6.39
Response: 188320
Amount: 565.26
Conc: 380.00



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-87367/2-A
 Matrix: Solid Lab File ID: or178029.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 10:29
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	394		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	375		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	133		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178029.d
Lab Smp Id: LCS 460-87367/2-A
Inj Date : 27-SEP-2011 10:29
Operator : 615
Smp Info : LCS 460-87367/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 12:17 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: or177939.d
Als bottle: 6 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.368	2.368	0.000	51956	551.965	370	80.00-	120.00	100.00(M)
2.698	2.697	0.001	91621	584.084	390	131.53-	197.30	176.34
2.892	2.892	0.000	64034	601.106	400	93.78-	140.67	123.25
3.155	3.155	0.000	197481	613.738	410	281.22-	421.83	380.09
3.300	3.298	0.002	74605	592.530	400	110.27-	165.40	143.59
3.363	3.362	0.001	51612	607.386	400	77.55-	116.32	99.34
3.515	3.513	0.002	86622	581.205	390	127.74-	191.61	166.72
3.742	3.740	0.002	78033	593.071	400	113.92-	170.87	150.19
Average of Peak Concentrations =					390			

27 Aroclor-1260					CAS #: 11096-82-5			
5.167	5.167	0.000	106361	581.915	390	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
5.510	5.510	0.000	190217	570.133	380	142.52- 213.79	178.84	
5.857	5.857	0.000	179244	566.483	380	137.18- 205.77	168.52	
6.005	6.003	0.002	85678	576.814	380	63.33- 95.00	80.55	
6.333	6.332	0.001	91868	566.985	380	70.57- 105.85	86.37	
7.300	7.300	0.000	112803	567.866	380	87.71- 131.57	106.06	
7.465	7.463	0.002	56444	567.919	380	45.06- 67.59	53.07	
8.685	8.683	0.002	48791	505.871	340	40.14- 60.21	45.87	
Average of Peak Concentrations =					380			

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
9.452	9.452	0.000	200704	66.3486	44	80.00- 120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178029.d

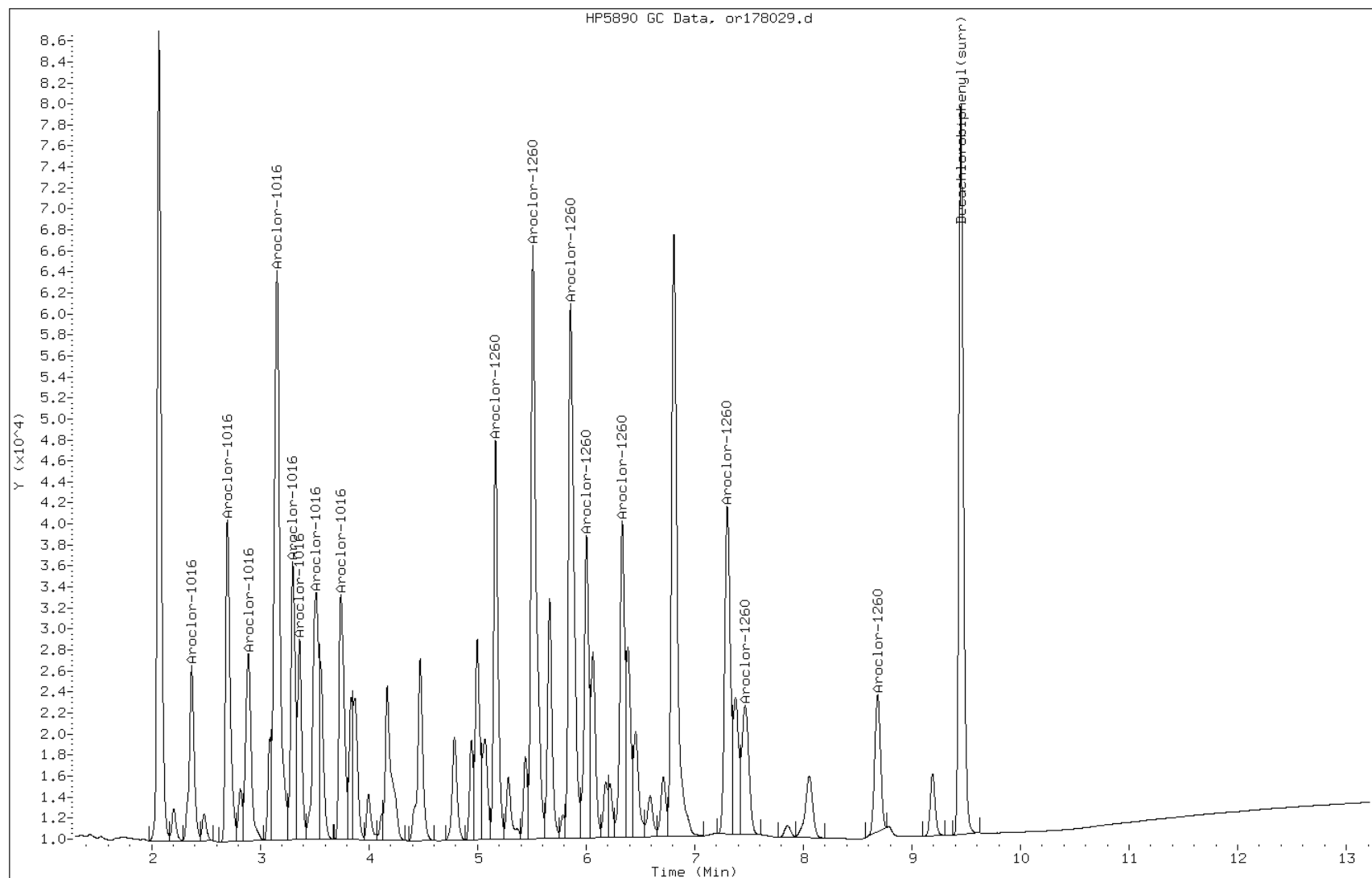
Date: 27-SEP-2011 10:29

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-87367/2-A

Operator: 615



Manual Integration Report

Data File: or178029.d
Inj. Date and Time: 27-SEP-2011 10:29
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/27/2011

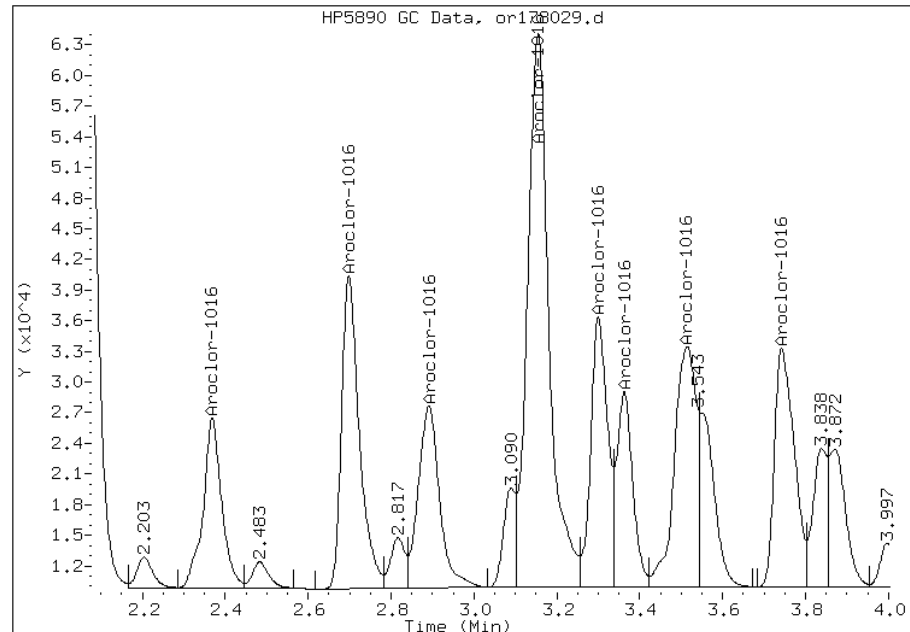
Processing Integration Results

Not Detected

Expected RT: 2.37

Manual Integration Results

RT: 2.37
Response: 51956
Amount: 590.64
Conc: 390.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88122/2-A
 Matrix: Solid Lab File ID: vf465113.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
 Sample wt/vol: 15.00(g) Date Analyzed: 10/04/2011 20:48
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	343		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	325		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		30-150

Data File: vf465113.d
 Report Date: 05-Oct-2011 12:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/vf465113.d
 Lab Smp Id: LCS 460-88122/2-A
 Inj Date : 04-OCT-2011 20:48
 Operator : 615
 Smp Info : LCS 460-88122/2-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/08Vf8082.m
 Meth Date : 05-Oct-2011 12:35 shanthi
 Cal Date : 29-SEP-2011 15:10
 Als bottle: 38
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf464924.d
 QC Sample: BS
 Compound Sublist: AllPCB.sub
 Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.976	2.974	0.002	1283531	524.878	350	80.00-	120.00	100.00(M)
3.662	3.661	0.001	2640186	518.111	340	169.68-	254.53	205.70
4.105	4.104	0.001	1151500	514.377	340	75.19-	112.79	89.71
4.508	4.505	0.003	5170245	511.313	340	327.35-	491.02	402.81
4.752	4.750	0.002	2419095	524.404	350	154.33-	231.49	188.47
5.186	5.185	0.001	1490782	531.482	350	91.02-	136.53	116.15
5.572	5.572	0.000	1762536	534.854	360	107.64-	161.46	137.32
5.782	5.783	-0.001	1562101	455.338	300	105.68-	158.52	121.70
Average of Peak Concentrations =					340			

27 Aroclor-1260					CAS #: 11096-82-5			
7.487	7.486	0.001	1843084	491.131	330	80.00-	120.00	100.00(M)

Data File: vf465113.d
 Report Date: 05-Oct-2011 12:35

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.801	7.800	0.001	3786378	502.509	340	160.12-	240.18	205.44
8.267	8.267	0.000	4491928	501.728	330	192.71-	289.06	243.72
9.387	9.386	0.001	3201115	491.387	330	141.10-	211.66	173.68
9.506	9.505	0.001	1681856	475.816	320	75.98-	113.96	91.25
9.947	9.948	-0.001	2923295	500.441	330	130.07-	195.11	158.61
10.645	10.645	0.000	3632290	495.501	330	154.37-	231.55	197.08
11.115	11.115	0.000	1389203	443.364	300	63.34-	95.00	75.37
Average of Peak Concentrations =					320			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.552	11.551	0.001	5196133	55.2648	37	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465113.d

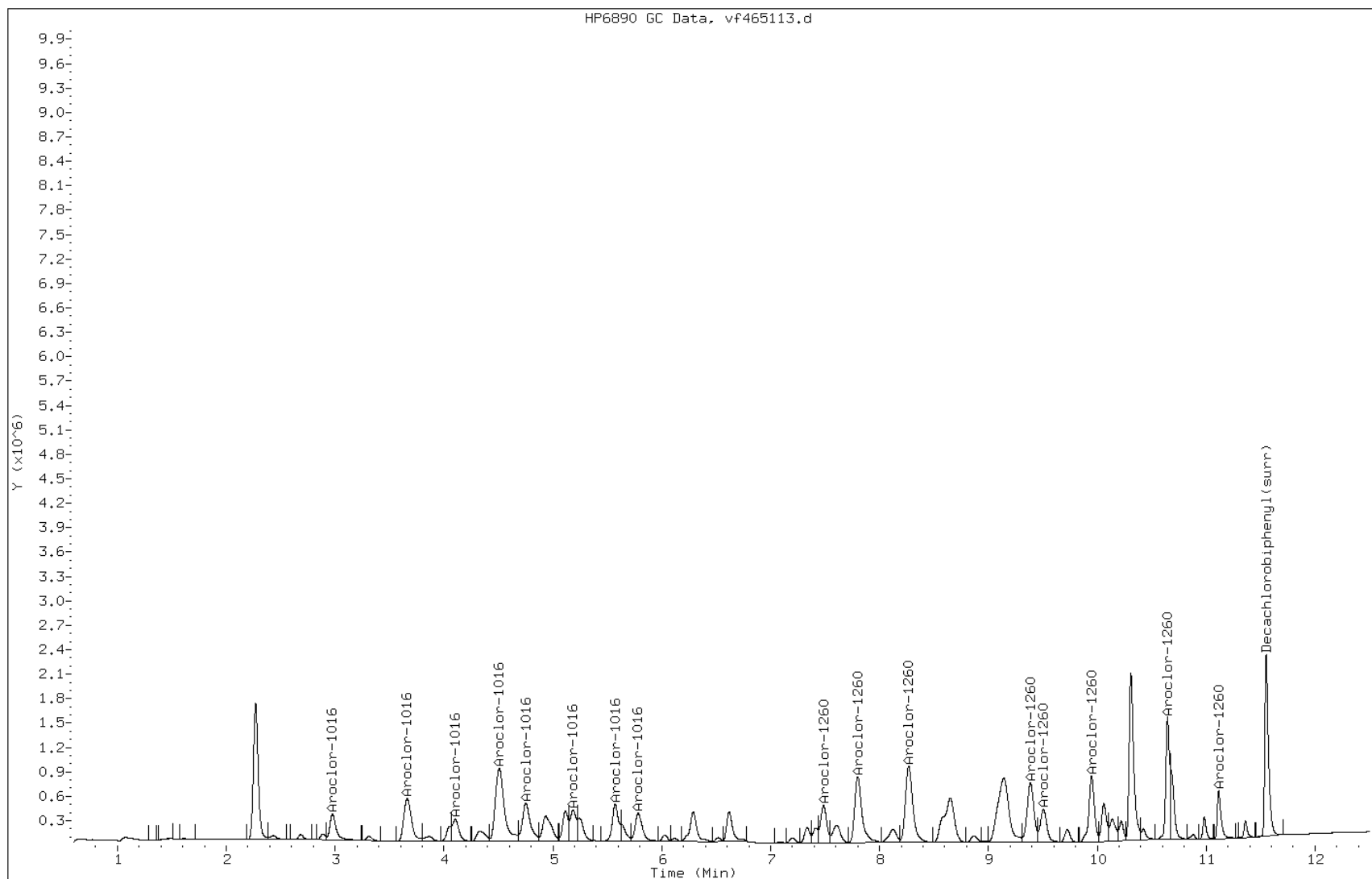
Date: 04-OCT-2011 20:48

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-88122/2-A

Operator: 615



Manual Integration Report

Data File: vf465113.d
Inj. Date and Time: 04-OCT-2011 20:48
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2011

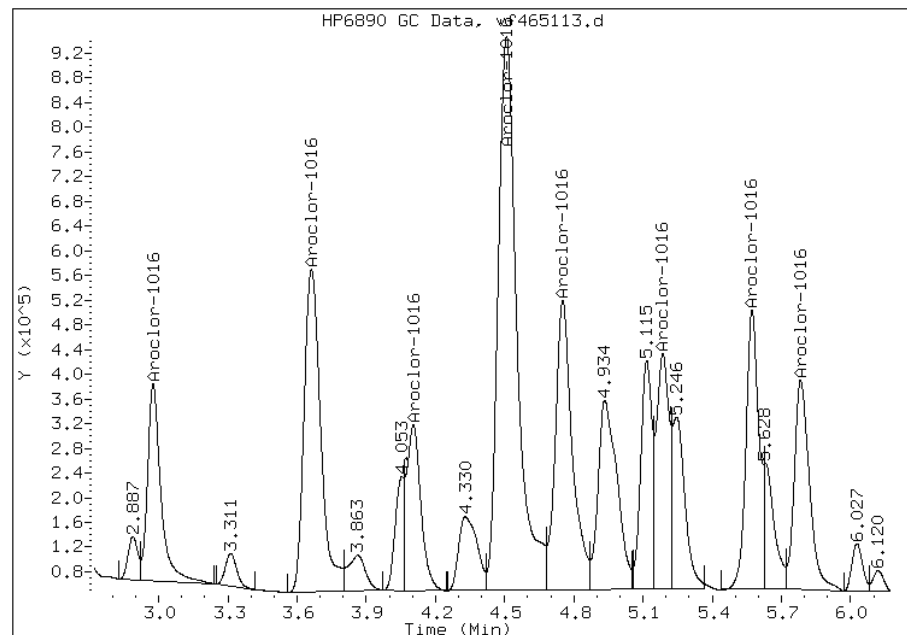
Processing Integration Results

Not Detected

Expected RT: 2.97

Manual Integration Results

RT: 2.98
Response: 1283531
Amount: 514.34
Conc: 340.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465113.d
Inj. Date and Time: 04-OCT-2011 20:48
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/05/2011

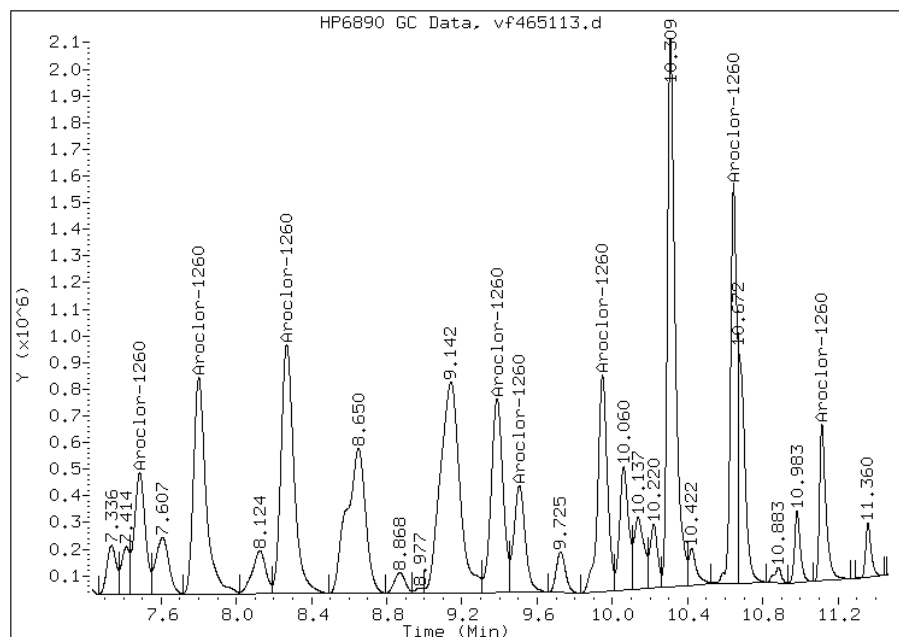
Processing Integration Results

Not Detected

Expected RT: 7.48

Manual Integration Results

RT: 7.49
Response: 1843084
Amount: 487.73
Conc: 320.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-88122/2-A
 Matrix: Solid Lab File ID: vr465113.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
 Sample wt/vol: 15.00(g) Date Analyzed: 10/04/2011 20:48
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	340		67	13
11104-28-2	PCB-1221	67	U	67	20
11141-16-5	PCB-1232	67	U	67	38
53469-21-9	PCB-1242	67	U	67	13
12672-29-6	PCB-1248	67	U	67	18
11097-69-1	PCB-1254	67	U	67	23
11096-82-5	PCB-1260	323		67	7.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/vr465113.d
Lab Smp Id: LCS 460-88122/2-A
Inj Date : 04-OCT-2011 20:48
Operator : 615
Smp Info : LCS 460-88122/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/08Vr8082.m
Meth Date : 05-Oct-2011 12:31 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 38
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
QC Sample: BS
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.105	2.101	0.004	2026150	506.516	340	80.00-	120.00	100.00(M)
2.543	2.539	0.004	3737567	497.181	330	143.08-	214.62	184.47
2.792	2.788	0.004	2673434	524.917	350	99.96-	149.93	131.95
3.153	3.144	0.009	7862933	505.163	340	306.05-	459.07	388.07
3.357	3.347	0.010	3229405	525.924	350	125.06-	187.59	159.39
3.702	3.696	0.006	3490580	504.541	340	133.77-	200.66	172.28
4.062	4.055	0.007	3056914	502.648	340	120.49-	180.73	150.87
4.212	4.204	0.008	1486928	508.993	340	60.76-	91.14	73.39
Average of Peak Concentrations =					340			

27 Aroclor-1260					CAS #: 11096-82-5			
6.091	6.085	0.006	5065063	506.216	340	80.00-	120.00	100.00

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.544	6.537	0.007	9182118	491.982	330	150.11-	225.16	181.28
6.988	6.980	0.008	8102812	494.562	330	135.30-	202.95	159.97
7.185	7.180	0.005	4691163	490.191	330	77.78-	116.66	92.62
7.623	7.617	0.006	4038062	503.300	340	68.42-	102.62	79.72
8.922	8.912	0.010	0			82.50-	123.75	0.00
9.142	9.133	0.009	2999129	421.555	280	54.61-	81.92	59.21
10.175	10.169	0.006	0			42.94-	64.41	0.00
Average of Peak Concentrations =					320			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.636	10.634	0.002	8390033	56.2846	38	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465113.d

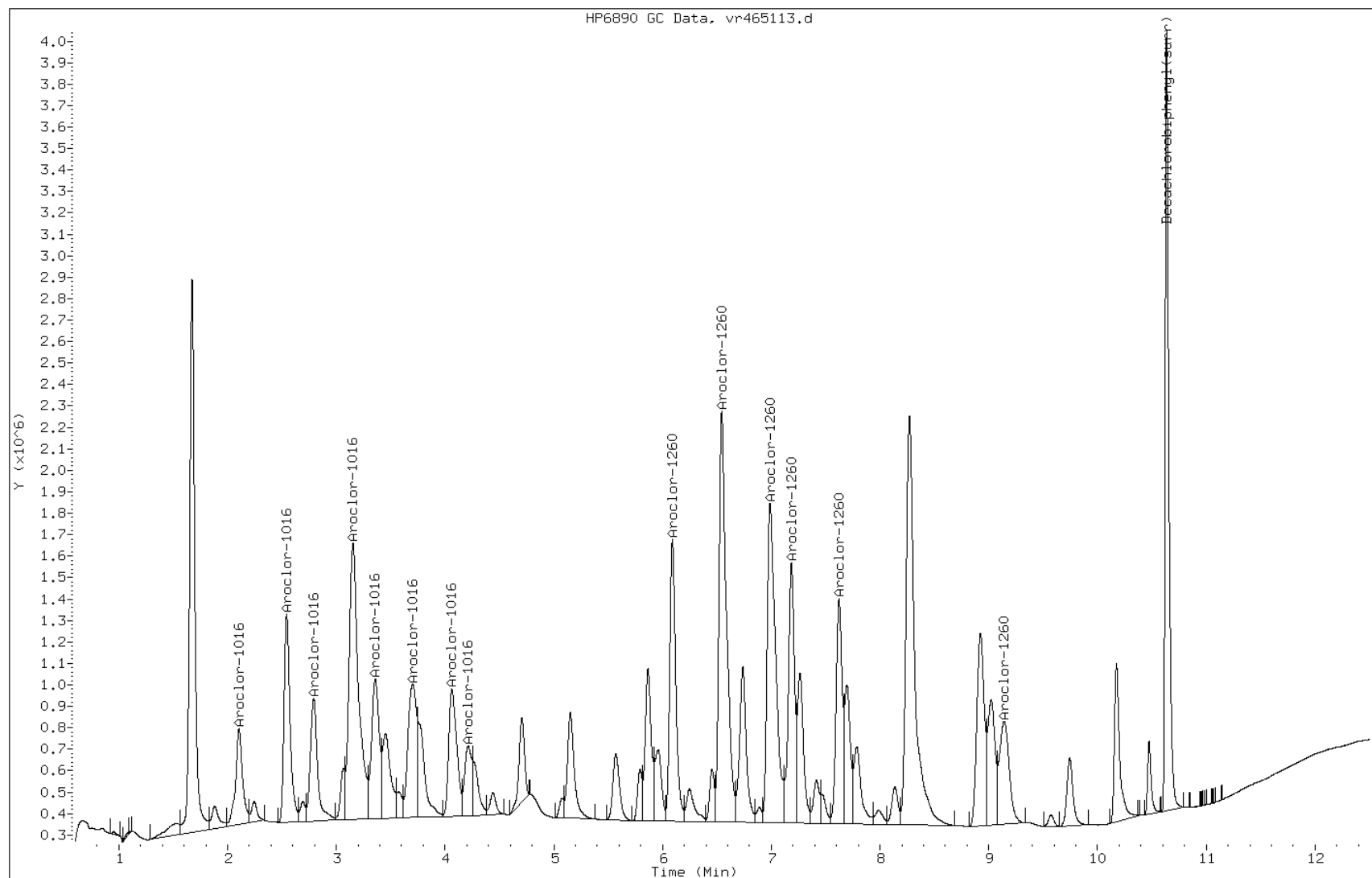
Date: 04-OCT-2011 20:48

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-88122/2-A

Operator: 615

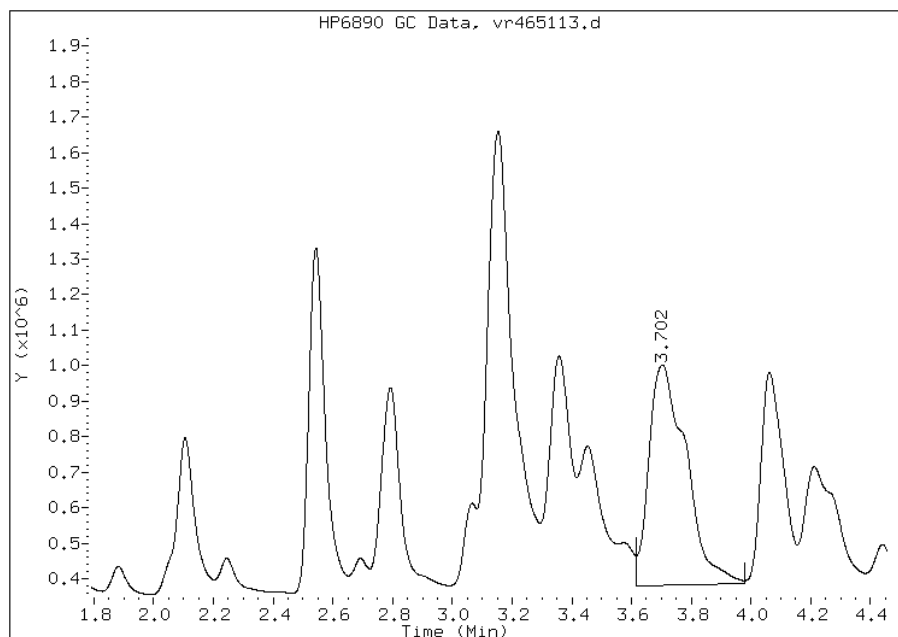


Manual Integration Report

Data File: vr465113.d
Inj. Date and Time: 04-OCT-2011 20:48
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2011

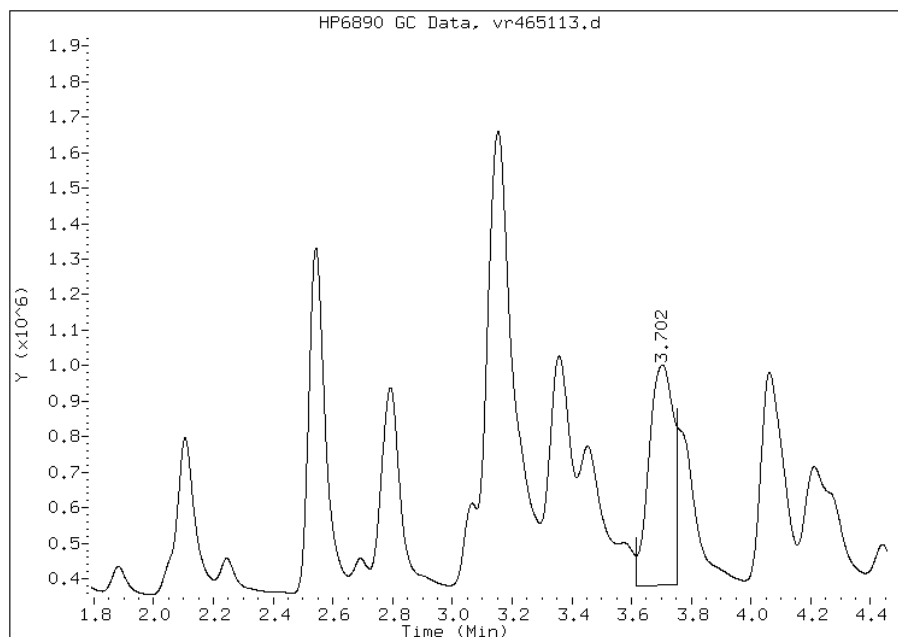
Processing Integration Results

RT: 3.70
Response: 5377016
Amount: 543.57
Conc: 360.00



Manual Integration Results

RT: 3.70
Response: 3490580
Amount: 509.49
Conc: 340.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 MS Lab Sample ID: 460-31552-5 MS
 Matrix: Solid Lab File ID: of178033.d
 Analysis Method: 8082 Date Collected: 09/21/2011 11:20
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.02(g) Date Analyzed: 09/27/2011 11:35
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 13.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	283		77	15
11104-28-2	PCB-1221	77	U	77	23
11141-16-5	PCB-1232	77	U	77	44
53469-21-9	PCB-1242	77	U	77	15
12672-29-6	PCB-1248	77	U	77	21
11097-69-1	PCB-1254	77	U	77	26
11096-82-5	PCB-1260	271		77	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		30-150

Data File: of178033.d
Report Date: 27-Sep-2011 12:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178033.d
Lab Smp Id: 460-31552-D-5-A MS Client Smp ID: SO-17338-092111-MM-
Inj Date : 27-SEP-2011 11:35
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31552-D-5-A MS
Misc Info : 460-31552-D-5-A MS
Comment :
Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
Meth Date : 27-Sep-2011 12:21 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: of177939.d
Als bottle: 10 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.977	2.977	0.000	41184	342.722	230	80.00-	120.00	100.00(M)
3.440	3.442	-0.002	98114	356.048	240	204.44-	306.66	238.23
3.720	3.722	-0.002	43597	347.295	230	98.05-	147.07	105.86
3.975	3.977	-0.002	182133	361.322	240	379.51-	569.27	442.24
4.142	4.143	-0.001	77699	368.452	240	162.32-	243.48	188.66
4.442	4.443	-0.001	48965	371.103	250	98.58-	147.86	118.89
5.260	5.260	0.000	46897	375.419	250	95.14-	142.70	113.87
5.507	5.508	-0.001	48169	422.894	280	89.37-	134.06	116.96
Average of Peak Concentrations =					240			

27 Aroclor-1260					CAS #: 11096-82-5			
6.392	6.392	0.000	116669	346.615	230	80.00-	120.00	100.00(M)

Data File: of178033.d
 Report Date: 27-Sep-2011 12:22

			CONCENTRATIONS						
			ON-COL	FINAL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.723	6.725	-0.002	132126	347.505	230	92.41-	138.61	113.25	
7.362	7.363	-0.001	189157	358.036	240	128.60-	192.90	162.13	
7.555	7.557	-0.002	88529	360.378	240	59.73-	89.60	75.88	
7.667	7.668	-0.001	51125	358.830	240	35.18-	52.77	43.82	
8.210	8.212	-0.002	0			76.44-	114.66	0.00	
9.392	9.392	0.000	129156	347.958	230	92.35-	138.53	110.70	
10.068	10.068	0.000	42837	352.584	230	30.35-	45.53	36.72	
Average of Peak Concentrations =					240				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
10.588	10.588	0.000	144572	40.5048	27	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178033.d

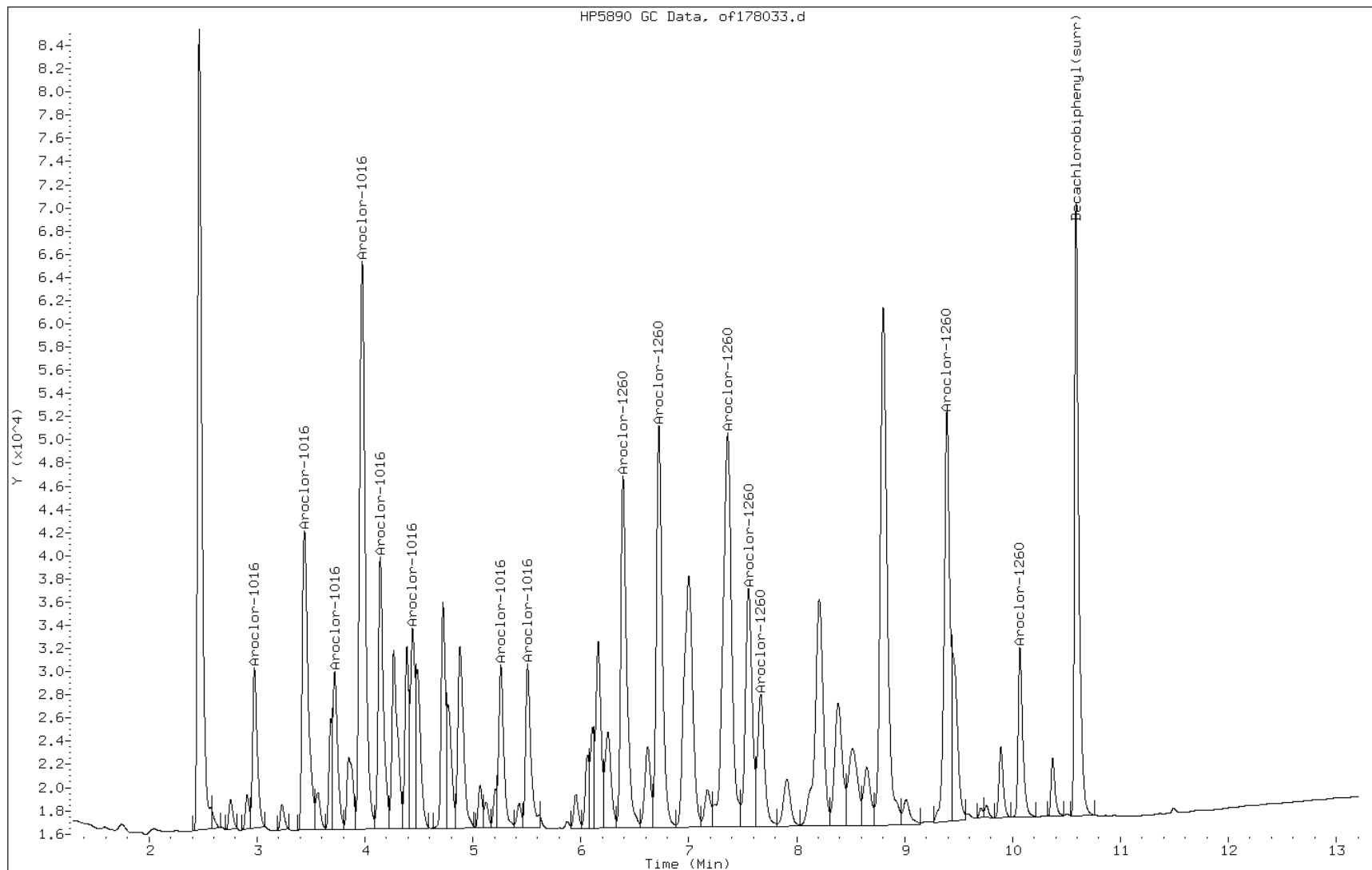
Date: 27-SEP-2011 11:35

Client ID: S0-17338-092111-MM-

Instrument: PESTGC7.i

Sample Info: 460-31552-D-5-A MS

Operator: 615

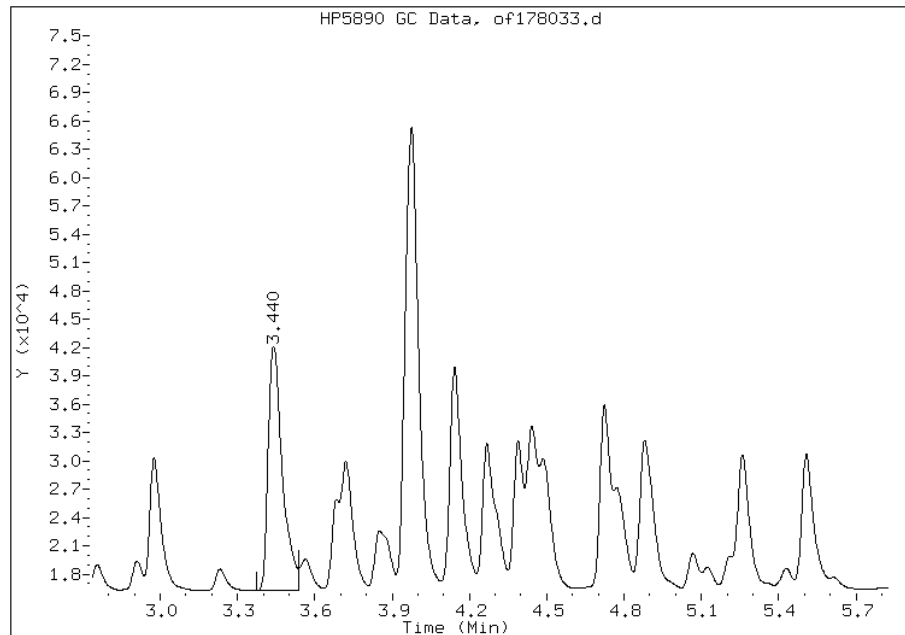


Manual Integration Report

Data File: of178033.d
Inj. Date and Time: 27-SEP-2011 11:35
Instrument ID: PESTGC7.i
Client ID: SO-17338-092111-MM-
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/27/2011

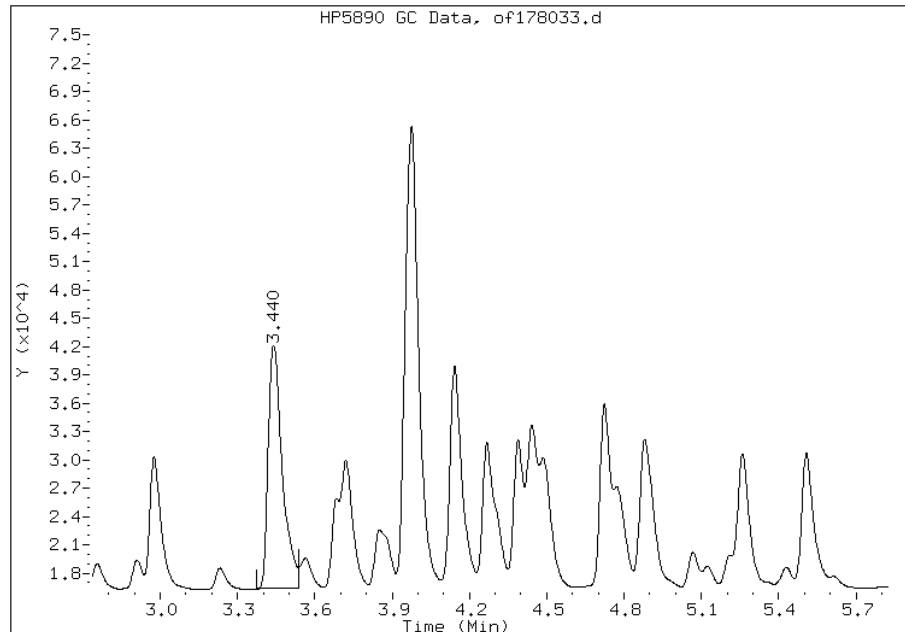
Processing Integration Results

RT: 3.44
Response: 98886
Amount: 361.29
Conc: 240.00



Manual Integration Results

RT: 3.44
Response: 98114
Amount: 368.16
Conc: 240.00



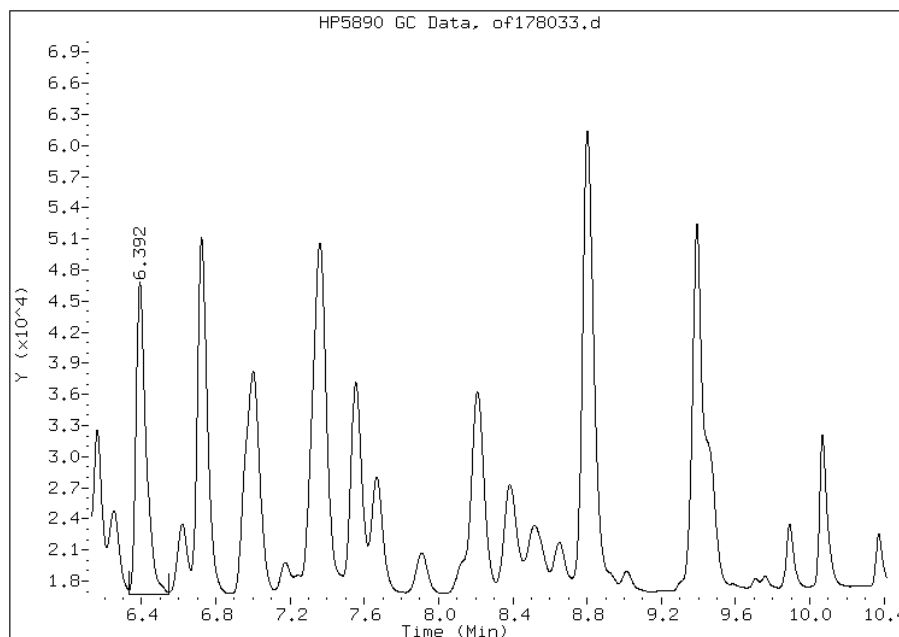
Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of178033.d
Inj. Date and Time: 27-SEP-2011 11:35
Instrument ID: PESTGC7.i
Client ID: S0-17338-092111-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/27/2011

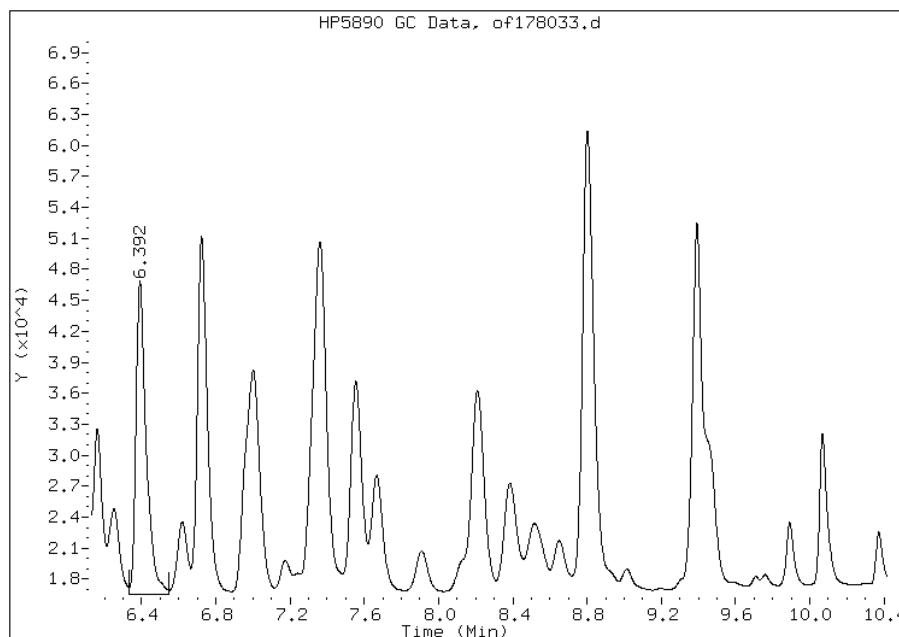
Processing Integration Results

RT: 6.39
Response: 113973
Amount: 345.51
Conc: 230.00



Manual Integration Results

RT: 6.39
Response: 116669
Amount: 353.13
Conc: 240.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 MS Lab Sample ID: 460-31552-5 MS
 Matrix: Solid Lab File ID: or178033.d
 Analysis Method: 8082 Date Collected: 09/21/2011 11:20
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.02(g) Date Analyzed: 09/27/2011 11:35
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	280		77	15
11104-28-2	PCB-1221	77	U	77	23
11141-16-5	PCB-1232	77	U	77	44
53469-21-9	PCB-1242	77	U	77	15
12672-29-6	PCB-1248	77	U	77	21
11097-69-1	PCB-1254	77	U	77	26
11096-82-5	PCB-1260	286		77	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	83		30-150

Data File: or178033.d
 Report Date: 27-Sep-2011 12:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178033.d
 Lab Smp Id: 460-31552-D-5-A MS Client Smp ID: S0-17338-092111-MM-
 Inj Date : 27-SEP-2011 11:35
 Operator : 615 Inst ID: PESTGC7.i
 Smp Info : 460-31552-D-5-A MS
 Misc Info : 460-31552-D-5-A MS
 Comment :
 Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
 Meth Date : 27-Sep-2011 12:17 shanthi Quant Type: ESTD
 Cal Date : 23-SEP-2011 12:19 Cal File: or177939.d
 Als bottle: 10 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AllPCB.sub
 Target Version: 3.50 Sample Matrix: SOLID
 Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	10.00000	Volume of final extract (mL)
Ws	15.02000	Weight of sample extracted (g)
M	0.00000	% Moisture

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.368	2.368	0.000	31811	337.951	220	80.00-	120.00	100.00(M)
2.697	2.697	0.000	57445	366.212	240	131.53-	197.30	180.58
2.892	2.892	0.000	39865	374.224	250	93.78-	140.67	125.32
3.155	3.155	0.000	120080	373.188	250	281.22-	421.83	377.48
3.298	3.298	0.000	46809	371.768	250	110.27-	165.40	147.15
3.362	3.362	0.000	30702	361.310	240	77.55-	116.32	96.51
3.513	3.513	0.000	55335	371.280	250	127.74-	191.61	173.95
3.742	3.740	0.002	47485	360.898	240	113.92-	170.87	149.27
Average of Peak Concentrations =					240			

27 Aroclor-1260					CAS #: 11096-82-5			
5.167	5.167	0.000	66066	361.455	240	80.00-	120.00	100.00

Data File: or178033.d
 Report Date: 27-Sep-2011 12:17

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.510	5.510	0.000	118580	355.417	240	142.52-	213.79	179.49	
5.857	5.857	0.000	109814	347.056	230	137.18-	205.77	166.22	
6.005	6.003	0.002	52785	355.367	240	63.33-	95.00	79.90	
6.333	6.332	0.001	86629	534.651	360	70.57-	105.85	131.12	
7.300	7.300	0.000	67322	338.908	220	87.71-	131.57	101.90	
7.463	7.463	0.000	33989	341.985	230	45.06-	67.59	51.45	
8.683	8.683	0.000	33338	345.652	230	40.14-	60.21	50.46	
Average of Peak Concentrations =					250				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
9.452	9.452	0.000	126237	41.7314	28	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178033.d

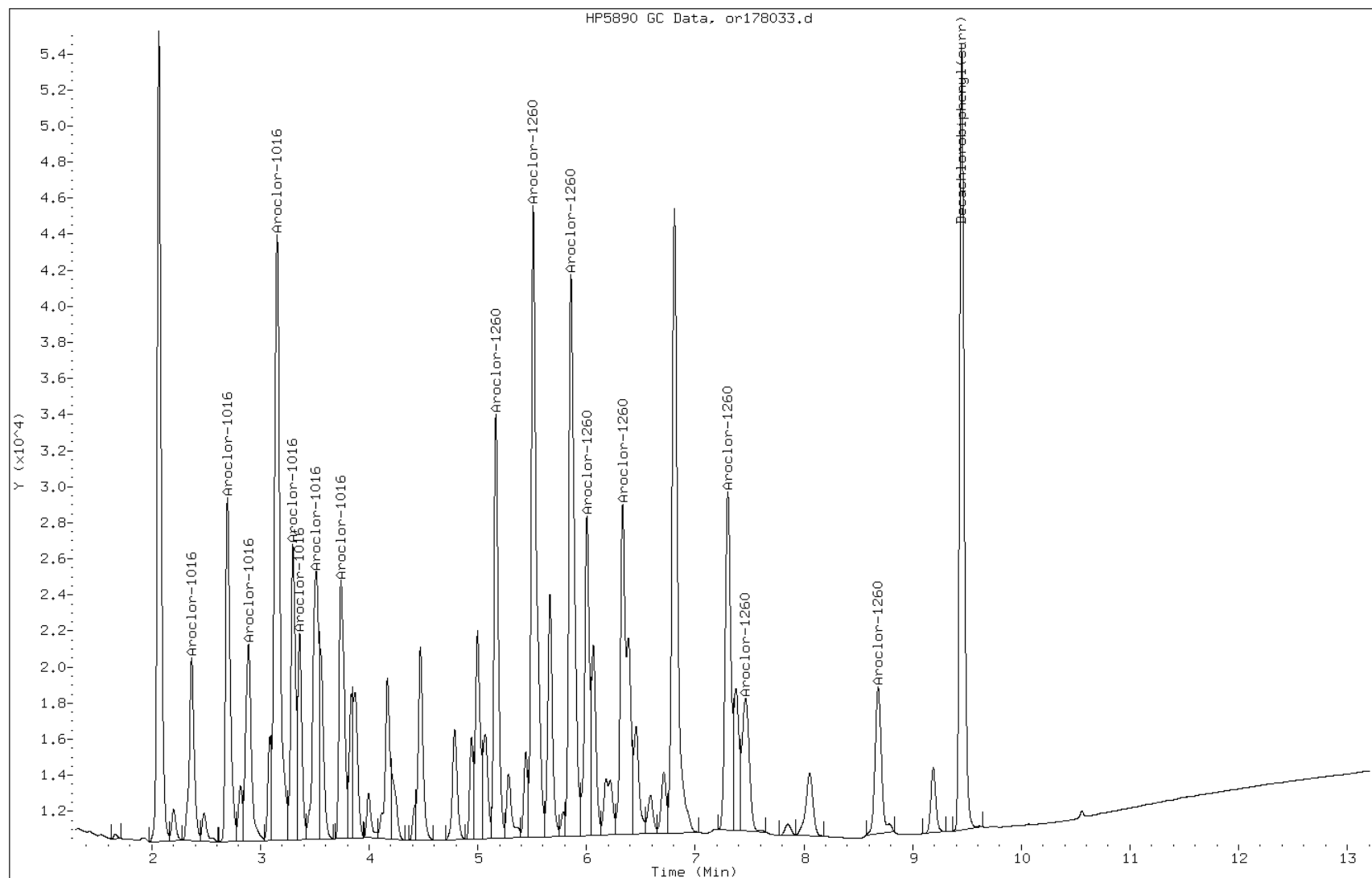
Date: 27-SEP-2011 11:35

Client ID: S0-17338-092111-MM-

Instrument: PESTGC7.i

Sample Info: 460-31552-D-5-A MS

Operator: 615



Manual Integration Report

Data File: or178033.d
Inj. Date and Time: 27-SEP-2011 11:35
Instrument ID: PESTGC7.i
Client ID: SO-17338-092111-MM-
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/27/2011

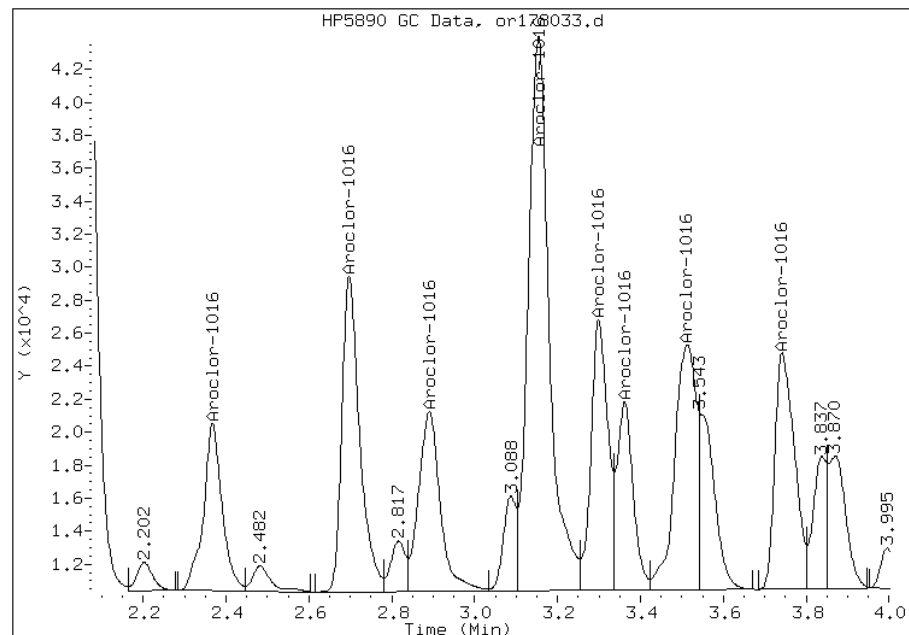
Processing Integration Results

Not Detected

Expected RT: 2.37

Manual Integration Results

RT: 2.37
Response: 31811
Amount: 364.60
Conc: 240.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-A MS
Matrix: Solid Lab File ID: vf465114.d
Analysis Method: 8082 Date Collected: 09/26/2011 15:25
Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
Sample wt/vol: 15.02(g) Date Analyzed: 10/04/2011 21:04
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: 11.4 GPC Cleanup: (Y/N) N
Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	442		76	14
11096-82-5	PCB-1260	431		76	8.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		30-150

Data File: vf465114.d
Report Date: 05-Oct-2011 12:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/vf465114.d
Lab Smp Id: 460-31736-C-18-A MS
Inj Date : 04-OCT-2011 21:04
Operator : 615
Smp Info : 460-31736-C-18-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/08Vf8082.m
Meth Date : 05-Oct-2011 12:35 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf464924.d
QC Sample: MS
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.971	2.974	-0.003	1402920	573.700	380	80.00-	120.00	100.00(M)	
3.658	3.661	-0.003	3030482	594.703	400	169.68-	254.53	216.01	
4.100	4.104	-0.004	1309377	584.901	390	75.19-	112.79	93.33	
4.503	4.505	-0.002	5976562	591.054	390	327.35-	491.02	426.01	
4.748	4.750	-0.002	2772937	601.109	400	154.33-	231.49	197.65	
5.184	5.185	-0.001	1662143	592.574	400	91.02-	136.53	118.48	
5.570	5.572	-0.002	2045983	620.869	410	107.64-	161.46	145.84	
5.780	5.783	-0.003	1866019	543.927	360	105.68-	158.52	133.01	
Average of Peak Concentrations =					390				

27 Aroclor-1260					CAS #: 11096-82-5				
7.484	7.486	-0.002	2136374	569.284	380	80.00-	120.00	100.00(M)	

Data File: vf465114.d
 Report Date: 05-Oct-2011 12:35

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.798	7.800	-0.002	4376035	580.765	390	160.12-	240.18	204.83
8.265	8.267	-0.002	5206726	581.568	390	192.71-	289.06	243.72
9.385	9.386	-0.001	3725182	571.834	380	141.10-	211.66	174.37
9.504	9.505	-0.001	2012664	569.405	380	75.98-	113.96	94.21
9.947	9.948	-0.001	3427112	586.690	390	130.07-	195.11	160.42
10.644	10.645	-0.001	4454008	607.596	400	154.37-	231.55	208.48
11.114	11.115	-0.001	1611499	514.310	340	63.34-	95.00	75.43
Average of Peak Concentrations =					380			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.549	11.551	-0.002	5627342	59.8510	40	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465114.d

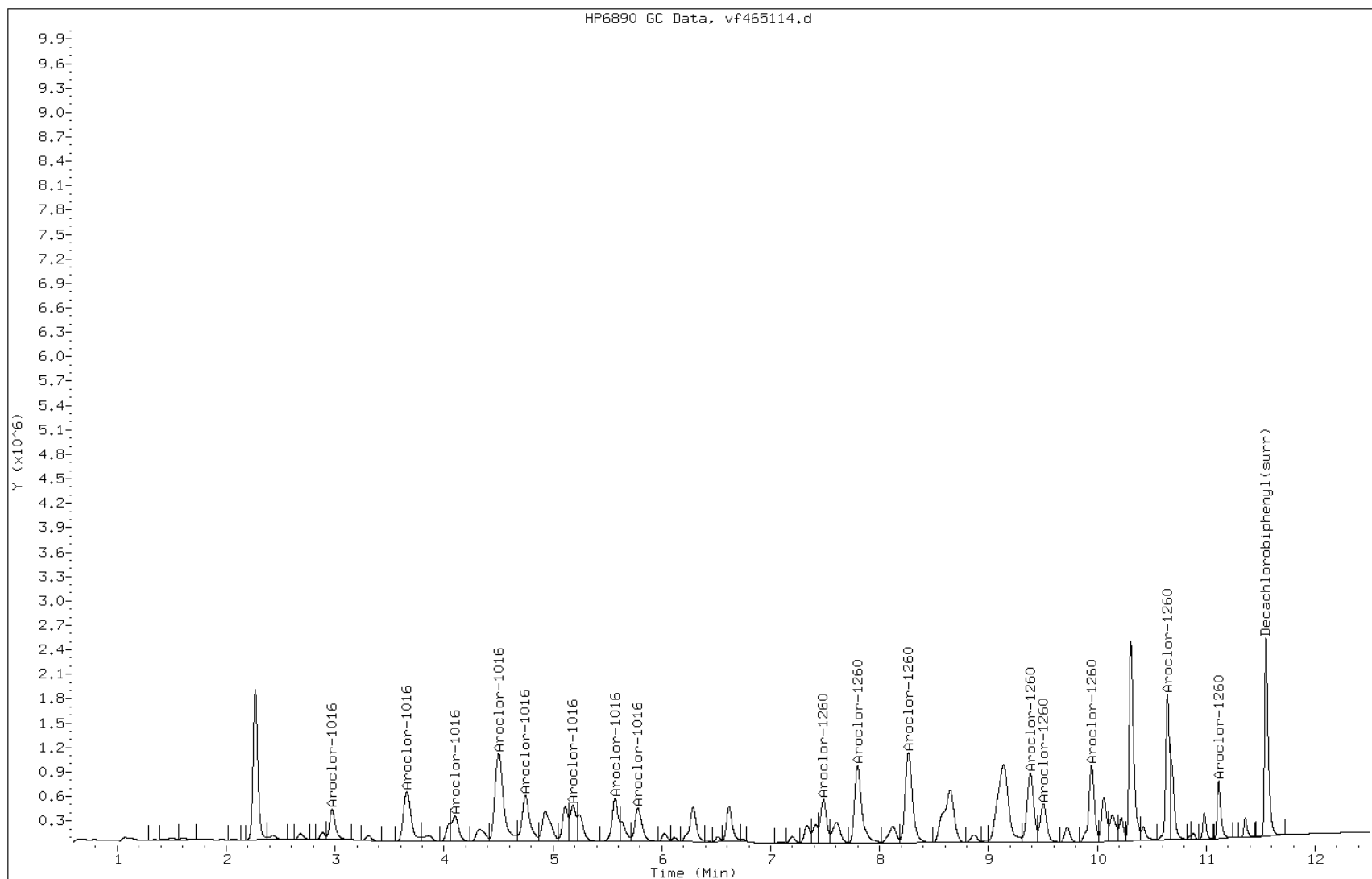
Date: 04-OCT-2011 21:04

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31736-C-18-A MS

Operator: 615



Manual Integration Report

Data File: vf465114.d
Inj. Date and Time: 04-OCT-2011 21:04
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2011

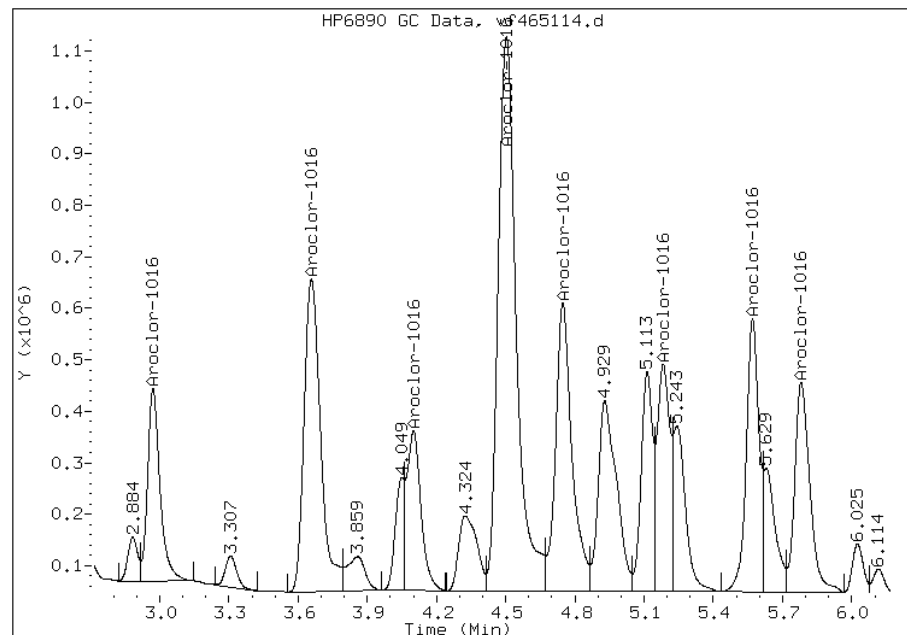
Processing Integration Results

Not Detected

Expected RT: 2.97

Manual Integration Results

RT: 2.97
Response: 1402920
Amount: 587.85
Conc: 390.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465114.d
Inj. Date and Time: 04-OCT-2011 21:04
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/05/2011

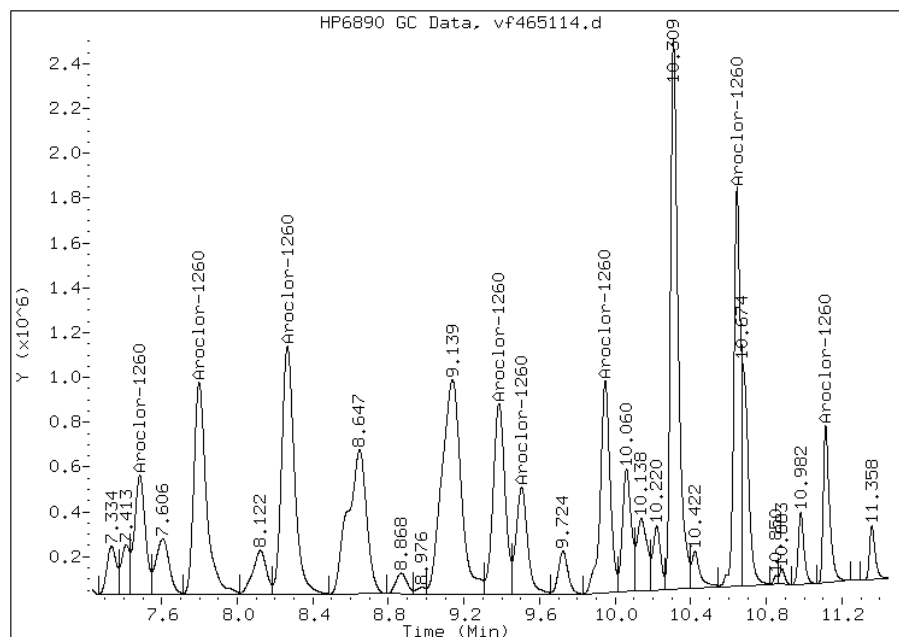
Processing Integration Results

Not Detected

Expected RT: 7.48

Manual Integration Results

RT: 7.48
Response: 2136374
Amount: 572.68
Conc: 380.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-A MS
 Matrix: Solid Lab File ID: vr465114.d
 Analysis Method: 8082 Date Collected: 09/26/2011 15:25
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
 Sample wt/vol: 15.02(g) Date Analyzed: 10/04/2011 21:04
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 11.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	422		76	14
11104-28-2	PCB-1221	76	U	76	23
11141-16-5	PCB-1232	76	U	76	43
53469-21-9	PCB-1242	76	U	76	14
12672-29-6	PCB-1248	76	U	76	20
11097-69-1	PCB-1254	76	U	76	26
11096-82-5	PCB-1260	418		76	8.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	124		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/vr465114.d
Lab Smp Id: 460-31736-C-18-A MS
Inj Date : 04-OCT-2011 21:04
Operator : 615
Smp Info : 460-31736-C-18-A MS
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/08Vr8082.m
Meth Date : 05-Oct-2011 12:31 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
QC Sample: MS
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.101	2.101	0.000	2199203	549.777	370	80.00-	120.00	100.00(M)
2.539	2.539	0.000	4151450	552.237	370	143.08-	214.62	188.77
2.788	2.788	0.000	2537305	498.189	330	99.96-	149.93	115.37
3.148	3.144	0.004	9027411	579.976	390	306.05-	459.07	410.49
3.352	3.347	0.005	3657028	595.565	400	125.06-	187.59	166.29
3.699	3.696	0.003	3857645	557.598	370	133.77-	200.66	175.41
4.059	4.055	0.004	3490985	574.022	380	120.49-	180.73	158.74
4.206	4.204	0.002	1712628	586.253	390	60.76-	91.14	77.87
Average of Peak Concentrations =					370			

27 Aroclor-1260					CAS #: 11096-82-5			
6.088	6.085	0.003	5513655	551.049	370	80.00-	120.00	100.00

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.541	6.537	0.004	10517990	563.558	380	150.11-	225.16	190.76	
6.984	6.980	0.004	9309132	568.191	380	135.30-	202.95	168.84	
7.183	7.180	0.003	5490488	573.715	380	77.78-	116.66	99.58	
7.620	7.617	0.003	4751382	592.207	390	68.42-	102.62	86.17	
8.918	8.912	0.006	0			82.50-	123.75	0.00	
9.138	9.133	0.005	3438407	483.300	320	54.61-	81.92	62.36	
10.172	10.169	0.003	0			42.94-	64.41	0.00	
Average of Peak Concentrations =					370				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.634	10.634	0.000	9242296	62.0020	41	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465114.d

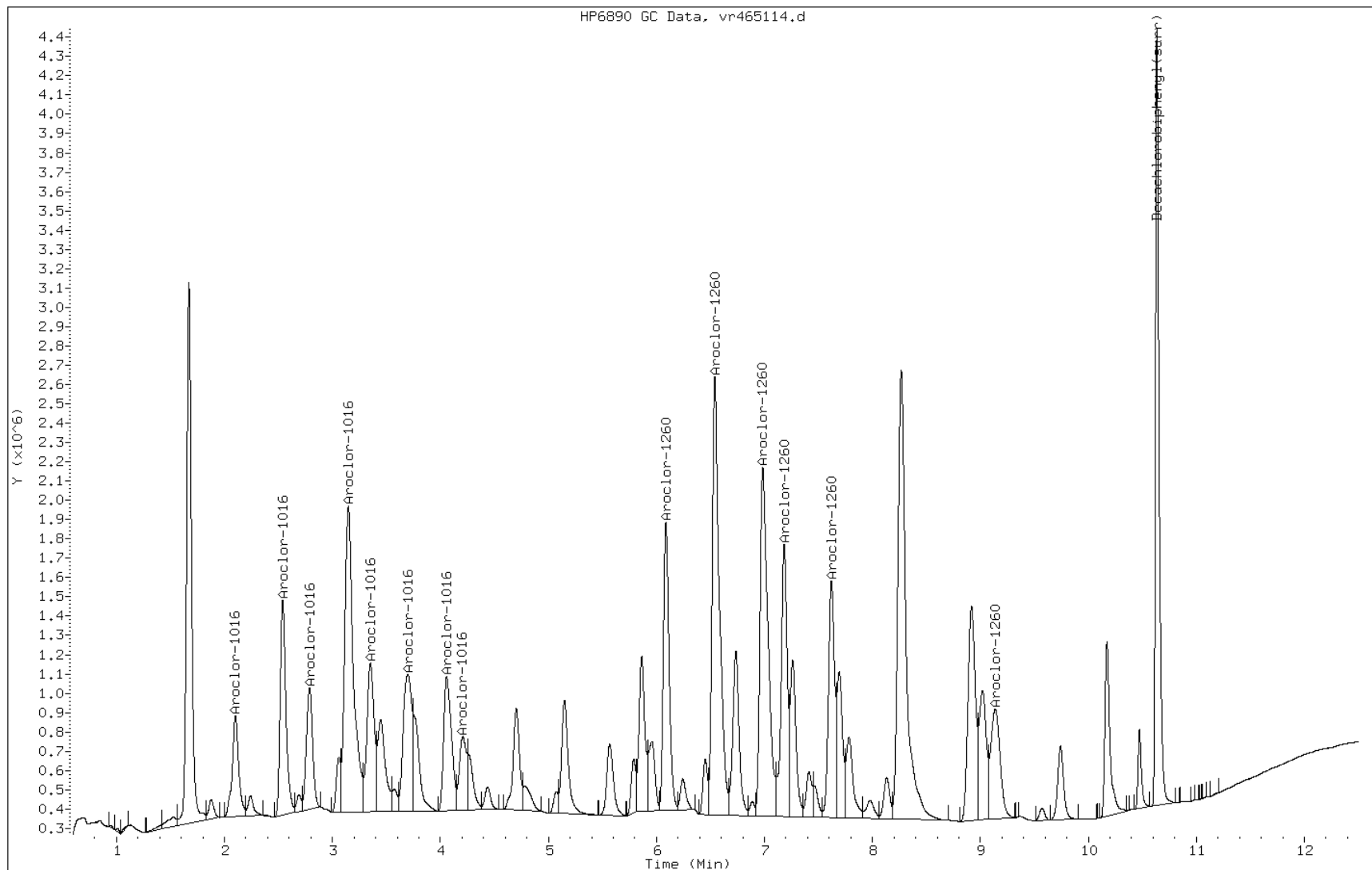
Date: 04-OCT-2011 21:04

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31736-C-18-A MS

Operator: 615



Manual Integration Report

Data File: vr465114.d
Inj. Date and Time: 04-OCT-2011 21:04
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2011

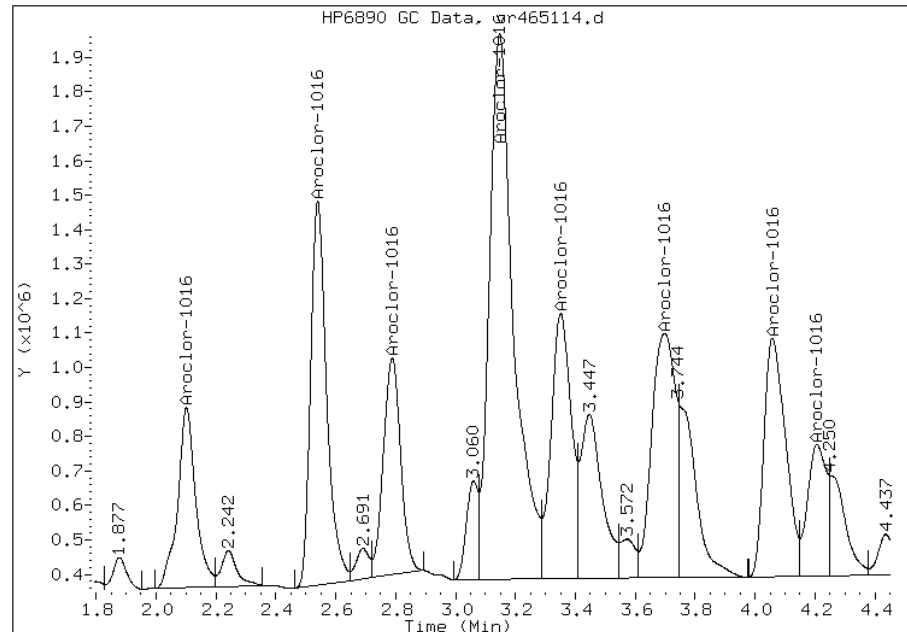
Processing Integration Results

Not Detected

Expected RT: 2.10

Manual Integration Results

RT: 2.10
Response: 2199203
Amount: 561.70
Conc: 370.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5 MSD
 Matrix: Solid Lab File ID: of178034.d
 Analysis Method: 8082 Date Collected: 09/21/2011 11:20
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 11:52
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 13.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	275		77	15
11104-28-2	PCB-1221	77	U	77	23
11141-16-5	PCB-1232	77	U	77	44
53469-21-9	PCB-1242	77	U	77	15
12672-29-6	PCB-1248	77	U	77	21
11097-69-1	PCB-1254	77	U	77	26
11096-82-5	PCB-1260	262		77	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		30-150

Data File: of178034.d
 Report Date: 27-Sep-2011 12:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/of178034.d
 Lab Smp Id: 460-31552-D-5-B MSD Client Smp ID: SO-17338-092111-MM-
 Inj Date : 27-SEP-2011 11:52
 Operator : 615 Inst ID: PESTGC7.i
 Smp Info : 460-31552-D-5-B MSD
 Misc Info : 460-31552-D-5-B MSD
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Sep11/09-27-11/27sep11a.b/080f8082.m
 Meth Date : 27-Sep-2011 12:21 shanthi Quant Type: ESTD
 Cal Date : 23-SEP-2011 12:19 Cal File: of177939.d
 Als bottle: 11 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AllPCB.sub
 Target Version: 3.50 Sample Matrix: SOLID
 Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.978	2.977	0.001	41088	341.923	230	80.00-	120.00	100.00	
3.442	3.442	0.000	95274	345.742	230	204.44-	306.66	231.88	
3.722	3.722	0.000	42626	339.560	230	98.05-	147.07	103.74	
3.977	3.977	0.000	179198	355.500	240	379.51-	569.27	436.13	
4.145	4.143	0.002	75610	358.546	240	162.32-	243.48	184.02	
4.443	4.443	0.000	47523	360.174	240	98.58-	147.86	115.66	
5.260	5.260	0.000	45475	364.036	240	95.14-	142.70	110.68	
5.508	5.508	0.000	45338	398.039	260	89.37-	134.06	110.34	
Average of Peak Concentrations =					240				

27 Aroclor-1260					CAS #: 11096-82-5				
6.392	6.392	0.000	112869	335.325	220	80.00-	120.00	100.00(MH)	

Data File: of178034.d
 Report Date: 27-Sep-2011 12:22

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.725	6.725	0.000	127717	335.909	220	92.41-	138.61	113.16	
7.362	7.363	-0.001	182827	346.054	230	128.60-	192.90	161.98	
7.555	7.557	-0.002	85735	349.004	230	59.73-	89.60	75.96	
7.668	7.668	0.000	50385	353.636	240	35.18-	52.77	44.64	
8.212	8.212	0.000	0			76.44-	114.66	0.00	
9.393	9.392	0.001	122842	330.948	220	92.35-	138.53	108.84	
10.068	10.068	0.000	40494	333.299	220	30.35-	45.53	35.88	
Average of Peak Concentrations =					230				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.588	10.588	0.000	138245	38.7321	26	80.00-	120.00	100.00	

QC Flag Legend

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

Data File: of178034.d

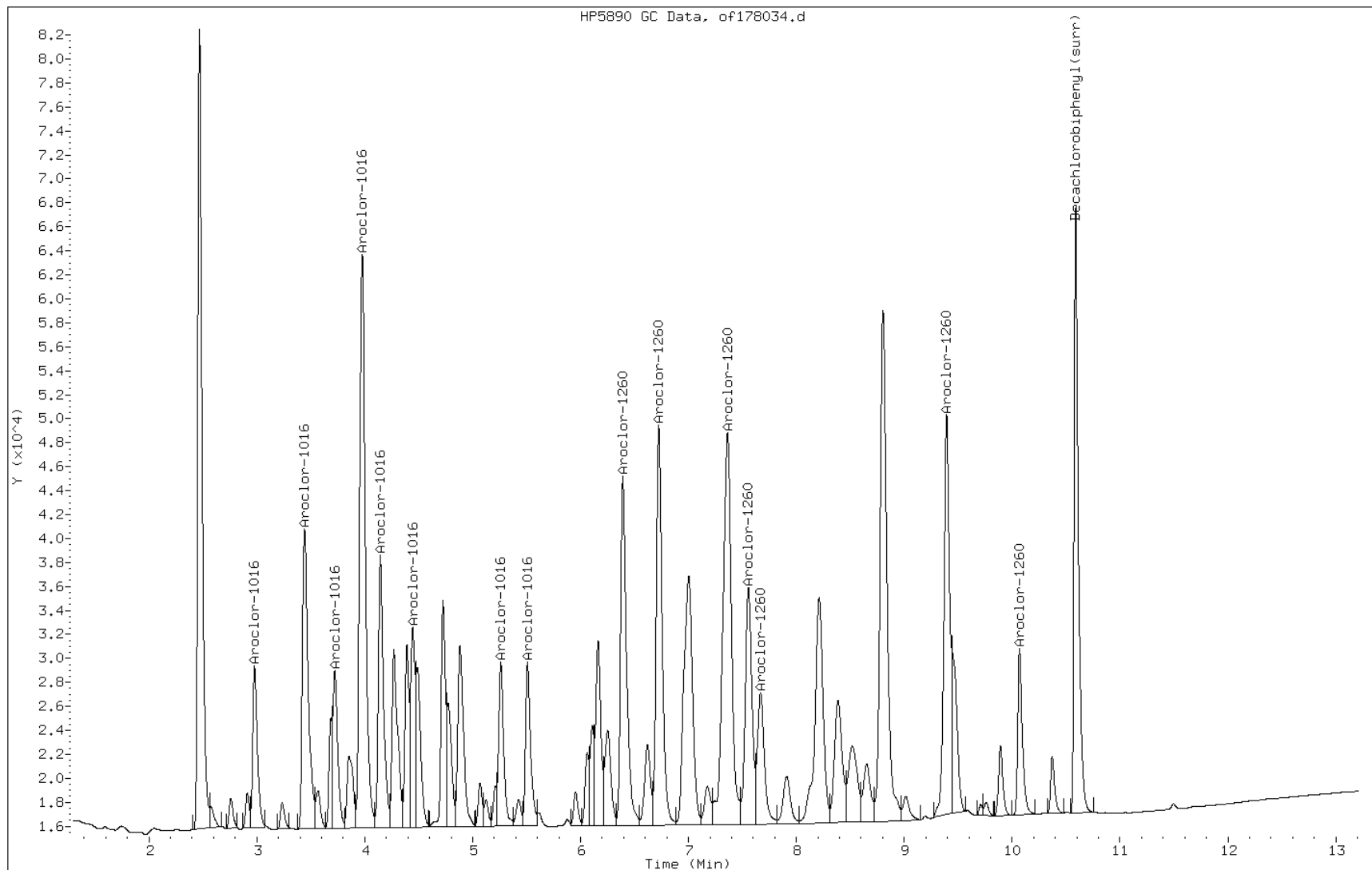
Date: 27-SEP-2011 11:52

Client ID: S0-17338-092111-MM-

Instrument: PESTGC7.i

Sample Info: 460-31552-D-5-B MSD

Operator: 615

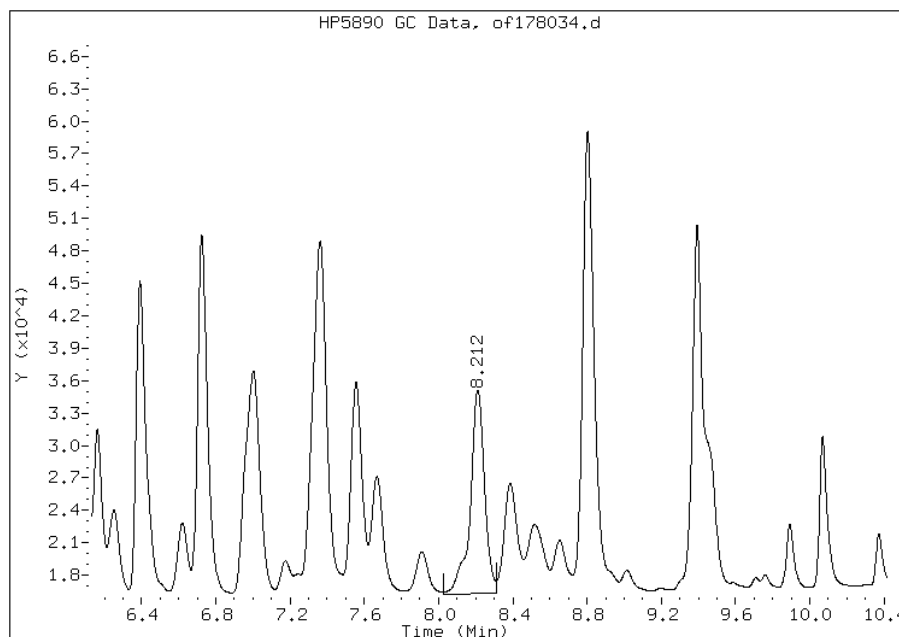


Manual Integration Report

Data File: of178034.d
Inj. Date and Time: 27-SEP-2011 11:52
Instrument ID: PESTGC7.i
Client ID: S0-17338-092111-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/27/2011

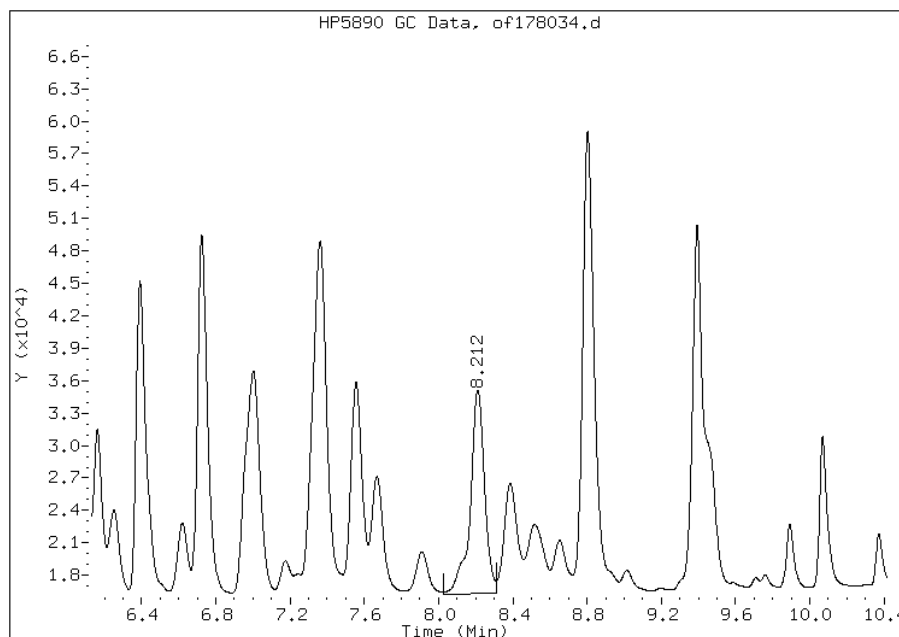
Processing Integration Results

RT: 8.21
Response: 101425
Amount: 337.45
Conc: 220.00



Manual Integration Results

RT: 8.21
Response: 0
Amount: 340.60
Conc: 230.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: SO-17338-092111-MM-043 Lab Sample ID: 460-31552-5 MSD
 Matrix: Solid Lab File ID: or178034.d
 Analysis Method: 8082 Date Collected: 09/21/2011 11:20
 Extraction Method: 3541 Date Extracted: 09/27/2011 05:09
 Sample wt/vol: 15.00(g) Date Analyzed: 09/27/2011 11:52
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 13.3 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 87420 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	272		77	15
11104-28-2	PCB-1221	77	U	77	23
11141-16-5	PCB-1232	77	U	77	44
53469-21-9	PCB-1242	77	U	77	15
12672-29-6	PCB-1248	77	U	77	21
11097-69-1	PCB-1254	77	U	77	26
11096-82-5	PCB-1260	257		77	8.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		30-150

Data File: or178034.d
Report Date: 27-Sep-2011 12:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/or178034.d
Lab Smp Id: 460-31552-D-5-B MSD Client Smp ID: S0-17338-092111-MM-
Inj Date : 27-SEP-2011 11:52
Operator : 615 Inst ID: PESTGC7.i
Smp Info : 460-31552-D-5-B MSD
Misc Info : 460-31552-D-5-B MSD
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b/080r8082.m
Meth Date : 27-Sep-2011 12:17 shanthi Quant Type: ESTD
Cal Date : 23-SEP-2011 12:19 Cal File: or177939.d
Als bottle: 11 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: SOLID
Processing Host: hpd3

Concentration Formula: $\text{Amt} * \text{DF} * \text{Vt} / (\text{Ws} * (100 - \text{M}) / 100) * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
			ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/kg)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.368	2.368	0.000	31401 333.595	220	80.00- 120.00	100.00(M)
2.698	2.697	0.001	54801 349.356	230	131.53- 197.30	174.52
2.892	2.892	0.000	37265 349.817	230	93.78- 140.67	118.67
3.155	3.155	0.000	117354 364.716	240	281.22- 421.83	373.73
3.300	3.298	0.002	45603 362.190	240	110.27- 165.40	145.23
3.363	3.362	0.001	29195 343.576	230	77.55- 116.32	92.97
3.513	3.513	0.000	56103 376.433	250	127.74- 191.61	178.67
3.742	3.740	0.002	45799 348.084	230	113.92- 170.87	145.85
Average of Peak Concentrations =			240			
27 Aroclor-1260			CAS #: 11096-82-5			
5.167	5.167	0.000	63401 346.875	230	80.00- 120.00	100.00(M)

Data File: or178034.d
 Report Date: 27-Sep-2011 12:17

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.510	5.510	0.000	113300	339.591	230	142.52-	213.79	178.70	
5.857	5.857	0.000	104556	330.439	220	137.18-	205.77	164.91	
6.005	6.003	0.002	50797	341.983	230	63.33-	95.00	80.12	
6.333	6.332	0.001	55392	341.864	230	70.57-	105.85	87.37	
7.300	7.300	0.000	63331	318.817	210	87.71-	131.57	99.89	
7.463	7.463	0.000	31889	320.855	210	45.06-	67.59	50.30	
8.683	8.683	0.000	32511	337.078	220	40.14-	60.21	51.28	
Average of Peak Concentrations =					220				

\$ 30 Decachlorobiphenyl(surr)					CAS #:	2051-24-3			
9.452	9.452	0.000	121248	40.0821	27	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: or178034.d
Inj. Date and Time: 27-SEP-2011 11:52
Instrument ID: PESTGC7.i
Client ID: SO-17338-092111-MM-
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 09/27/2011

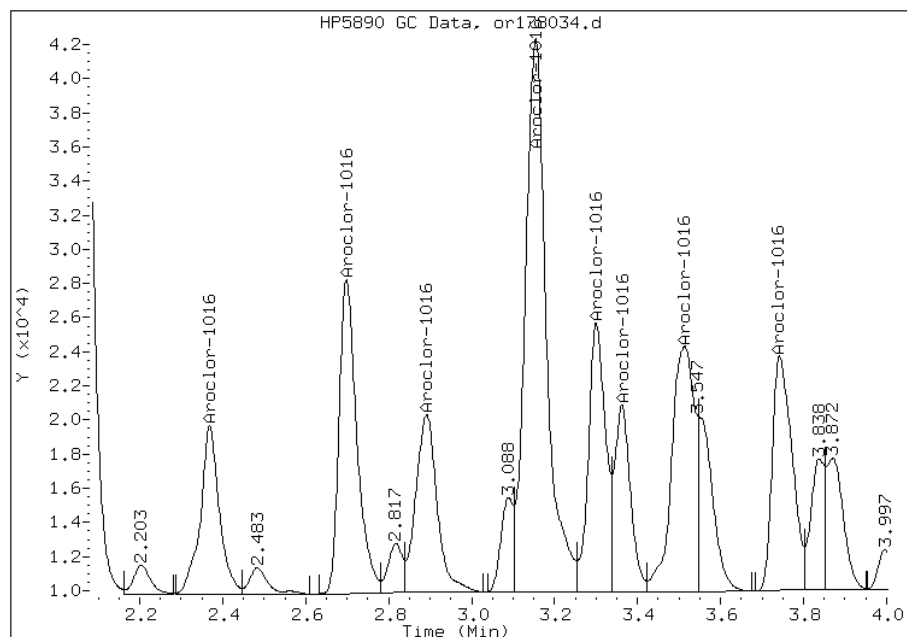
Processing Integration Results

Not Detected

Expected RT: 2.37

Manual Integration Results

RT: 2.37
Response: 31401
Amount: 353.47
Conc: 240.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or178034.d
Inj. Date and Time: 27-SEP-2011 11:52
Instrument ID: PESTGC7.i
Client ID: S0-17338-092111-MM-
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 09/27/2011

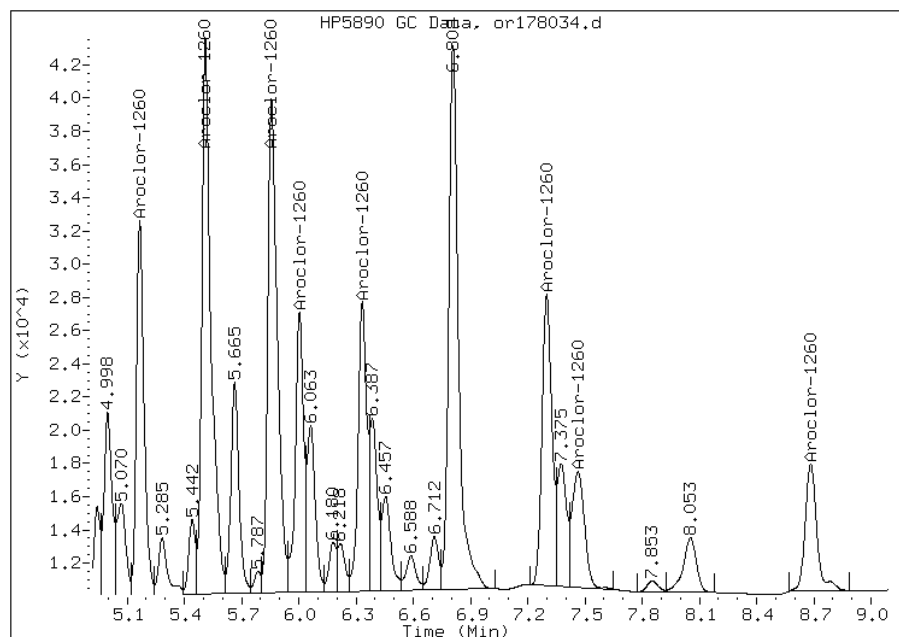
Processing Integration Results

Not Detected

Expected RT: 5.17

Manual Integration Results

RT: 5.17
Response: 63401
Amount: 334.69
Conc: 220.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-B MSD
 Matrix: Solid Lab File ID: vf465115.d
 Analysis Method: 8082 Date Collected: 09/26/2011 15:25
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
 Sample wt/vol: 15.00(g) Date Analyzed: 10/04/2011 21:20
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: 11.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	437		76	14
11104-28-2	PCB-1221	76	U	76	23
11141-16-5	PCB-1232	76	U	76	43
53469-21-9	PCB-1242	76	U	76	14
12672-29-6	PCB-1248	76	U	76	20
11097-69-1	PCB-1254	76	U	76	26
11096-82-5	PCB-1260	414		76	8.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		30-150

Data File: vf465115.d
 Report Date: 05-Oct-2011 12:35

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/vf465115.d
 Lab Smp Id: 460-31736-C-18-B SD
 Inj Date : 04-OCT-2011 21:20
 Operator : 615
 Smp Info : 460-31736-C-18-B MSD
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Oct11/10-04-11/04oct11d.b/08Vf8082.m
 Meth Date : 05-Oct-2011 12:35 shanthi Quant Type: ESTD
 Cal Date : 29-SEP-2011 15:10 Cal File: vf464924.d
 Als bottle: 40 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.974	2.974	0.000	1489891	609.266	410	80.00-	120.00	100.00(M)
3.660	3.661	-0.001	2949013	578.715	380	169.68-	254.53	197.93
4.102	4.104	-0.002	1276933	570.409	380	75.19-	112.79	85.71
4.505	4.505	0.000	5795894	573.187	380	327.35-	491.02	389.01
4.748	4.750	-0.002	2692755	583.727	390	154.33-	231.49	180.74
5.183	5.185	-0.002	1596448	569.153	380	91.02-	136.53	107.15
5.570	5.572	-0.002	2072309	628.857	420	107.64-	161.46	139.09
5.781	5.783	-0.002	1811717	528.098	350	105.68-	158.52	121.60
Average of Peak Concentrations =					390			

27 Aroclor-1260					CAS #: 11096-82-5			
7.483	7.486	-0.003	2056131	547.902	360	80.00-	120.00	100.00(M)

Data File: vf465115.d
 Report Date: 05-Oct-2011 12:35

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.797	7.800	-0.003	4173458	553.880	370	160.12-	240.18	202.98
8.263	8.267	-0.004	5016727	560.346	370	192.71-	289.06	243.99
9.382	9.386	-0.004	3620101	555.704	370	141.10-	211.66	176.06
9.502	9.505	-0.003	1979792	560.105	370	75.98-	113.96	96.29
9.946	9.948	-0.002	3318275	568.058	380	130.07-	195.11	161.38
10.643	10.645	-0.002	4066292	554.706	370	154.37-	231.55	197.76
11.112	11.115	-0.003	1549206	494.429	330	63.34-	95.00	75.35
Average of Peak Concentrations =					370			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.546	11.551	-0.005	5429040	57.7419	38	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf465115.d

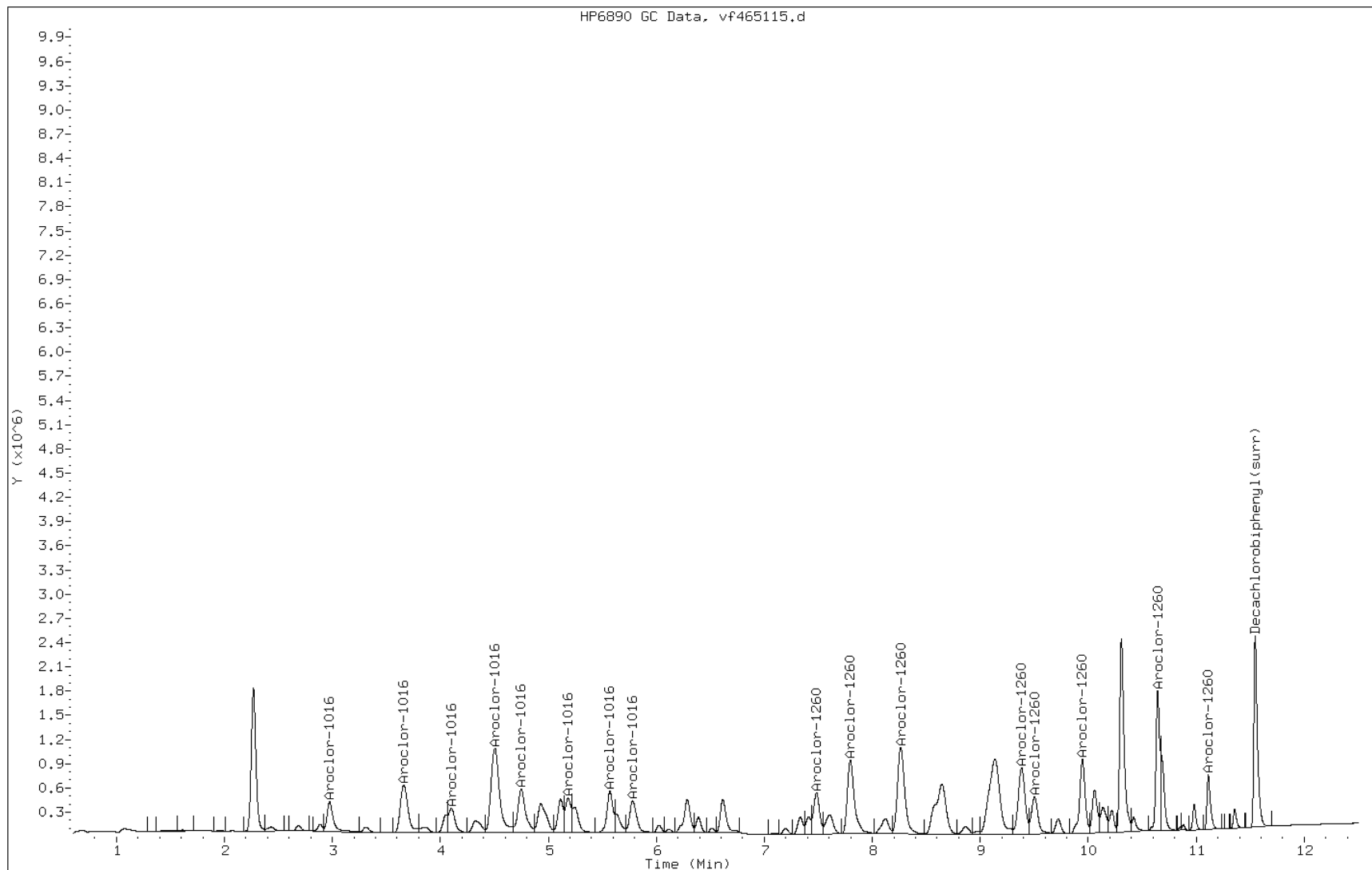
Date: 04-OCT-2011 21:20

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31736-C-18-B MSD

Operator: 615



Manual Integration Report

Data File: vf465115.d
Inj. Date and Time: 04-OCT-2011 21:20
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2011

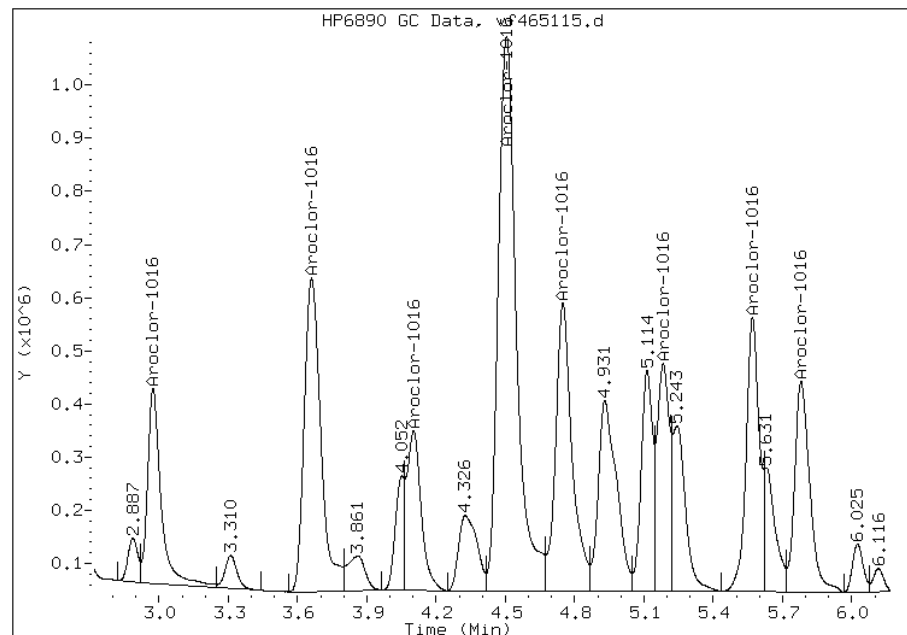
Processing Integration Results

Not Detected

Expected RT: 2.97

Manual Integration Results

RT: 2.97
Response: 1489891
Amount: 580.18
Conc: 390.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf465115.d
Inj. Date and Time: 04-OCT-2011 21:20
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 10/05/2011

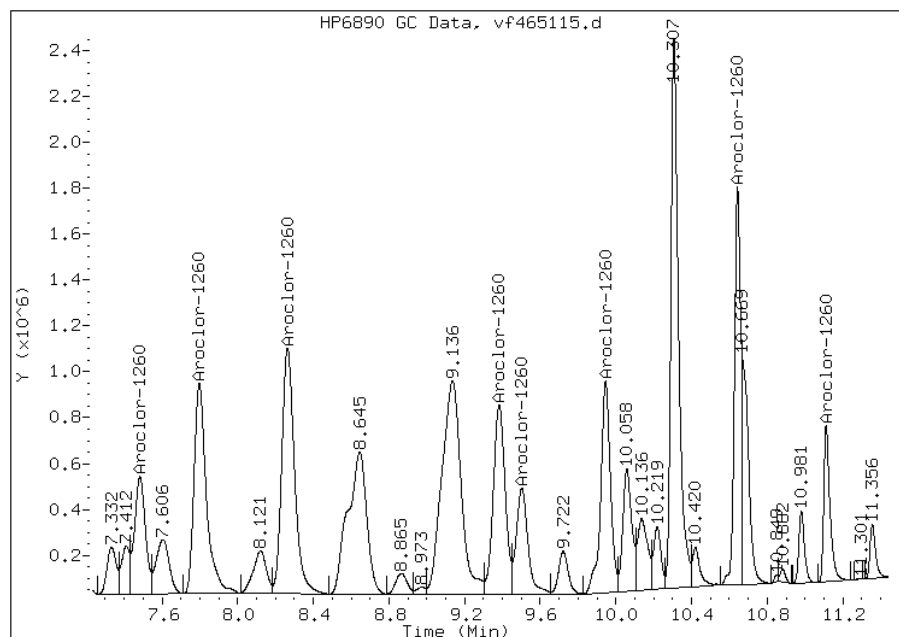
Processing Integration Results

Not Detected

Expected RT: 7.48

Manual Integration Results

RT: 7.48
Response: 2056131
Amount: 549.39
Conc: 370.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: 460-31736-C-18-B MSD
 Matrix: Solid Lab File ID: vr465115.d
 Analysis Method: 8082 Date Collected: 09/26/2011 15:25
 Extraction Method: 3541 Date Extracted: 10/04/2011 04:15
 Sample wt/vol: 15.00(g) Date Analyzed: 10/04/2011 21:20
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53(mm)
 % Moisture: 11.4 GPC Cleanup: (Y/N) N
 Analysis Batch No.: 88374 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	417		76	14
11104-28-2	PCB-1221	76	U	76	23
11141-16-5	PCB-1232	76	U	76	43
53469-21-9	PCB-1242	76	U	76	14
12672-29-6	PCB-1248	76	U	76	20
11097-69-1	PCB-1254	76	U	76	26
11096-82-5	PCB-1260	408		76	8.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	121		30-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/vr465115.d
Lab Smp Id: 460-31736-C-18-B SD
Inj Date : 04-OCT-2011 21:20
Operator : 615
Smp Info : 460-31736-C-18-B MSD
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b/08Vr8082.m
Meth Date : 05-Oct-2011 12:31 shanthi
Cal Date : 29-SEP-2011 15:10
Als bottle: 40
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr464924.d
QC Sample: MSD
Compound Sublist: AllPCB.sub
Sample Matrix: SOIL

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.104	2.101	0.003	2309284	577.296	380	80.00-	120.00	100.00(M)
2.542	2.539	0.003	4022240	535.049	360	143.08-	214.62	174.18
2.791	2.788	0.003	2466193	484.226	320	99.96-	149.93	106.79
3.150	3.144	0.006	8757288	562.622	380	306.05-	459.07	379.22
3.353	3.347	0.006	3531439	575.112	380	125.06-	187.59	152.92
3.701	3.696	0.005	3880375	560.883	370	133.77-	200.66	168.03
4.058	4.055	0.003	3379395	555.673	370	120.49-	180.73	146.34
4.207	4.204	0.003	1689565	578.358	380	60.76-	91.14	73.16
Average of Peak Concentrations =					370			

27 Aroclor-1260					CAS #: 11096-82-5			
6.087	6.085	0.002	5629730	562.650	380	80.00-	120.00	100.00

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.540	6.537	0.003	10216581	547.409	360	150.11-	225.16	181.48	
6.983	6.980	0.003	9151595	558.576	370	135.30-	202.95	162.56	
7.182	7.180	0.002	5191166	542.438	360	77.78-	116.66	92.21	
7.618	7.617	0.001	4607155	574.231	380	68.42-	102.62	81.84	
8.915	8.912	0.003	0			82.50-	123.75	0.00	
9.135	9.133	0.002	3328223	467.813	310	54.61-	81.92	59.12	
10.171	10.169	0.002	0			42.94-	64.41	0.00	
Average of Peak Concentrations =					360				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.633	10.634	-0.001	9020095	60.5113	40	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr465115.d

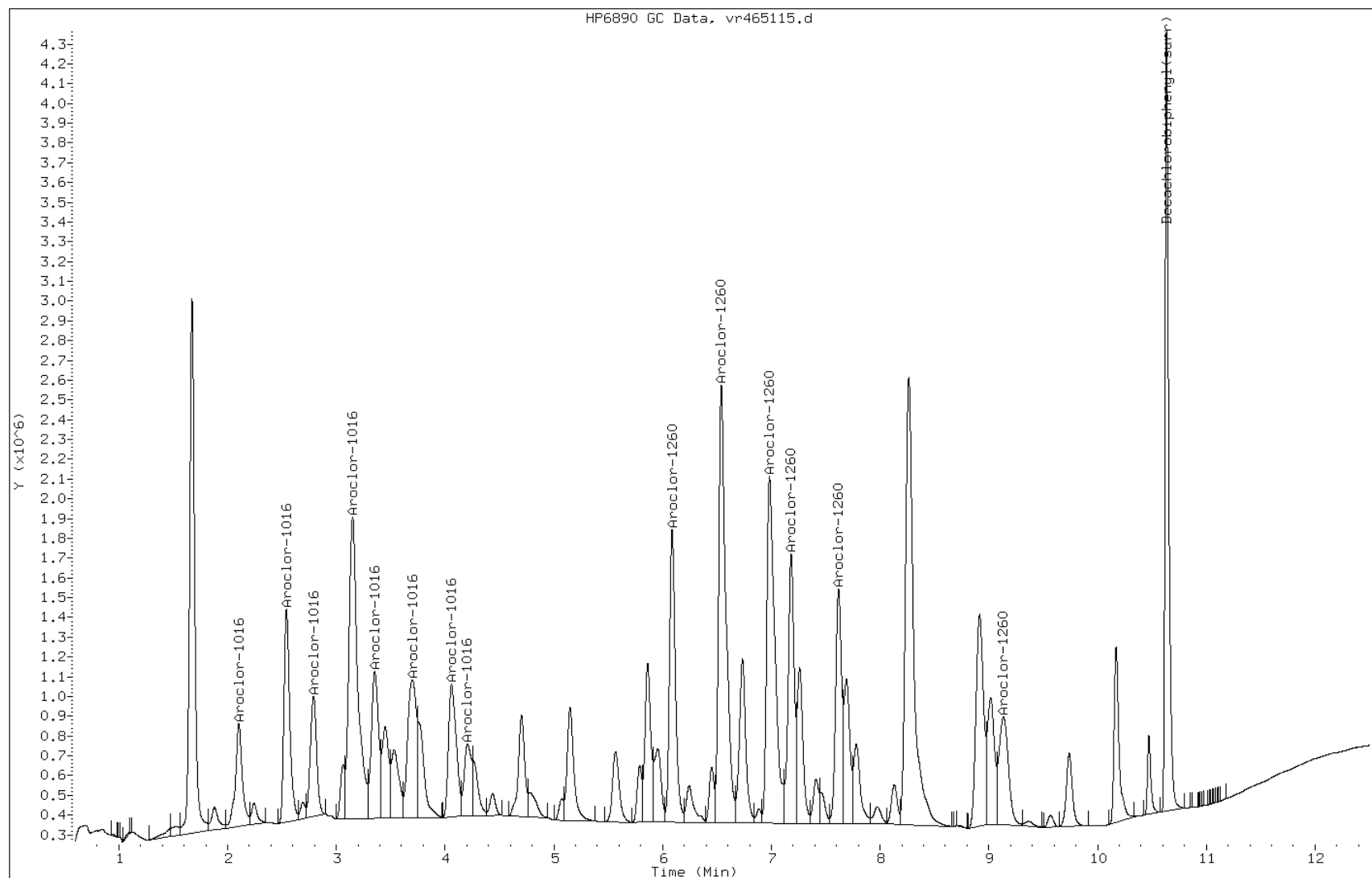
Date: 04-OCT-2011 21:20

Client ID:

Instrument: PESTGC9.i

Sample Info: 460-31736-C-18-B MSD

Operator: 615



Manual Integration Report

Data File: vr465115.d
Inj. Date and Time: 04-OCT-2011 21:20
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 10/05/2011

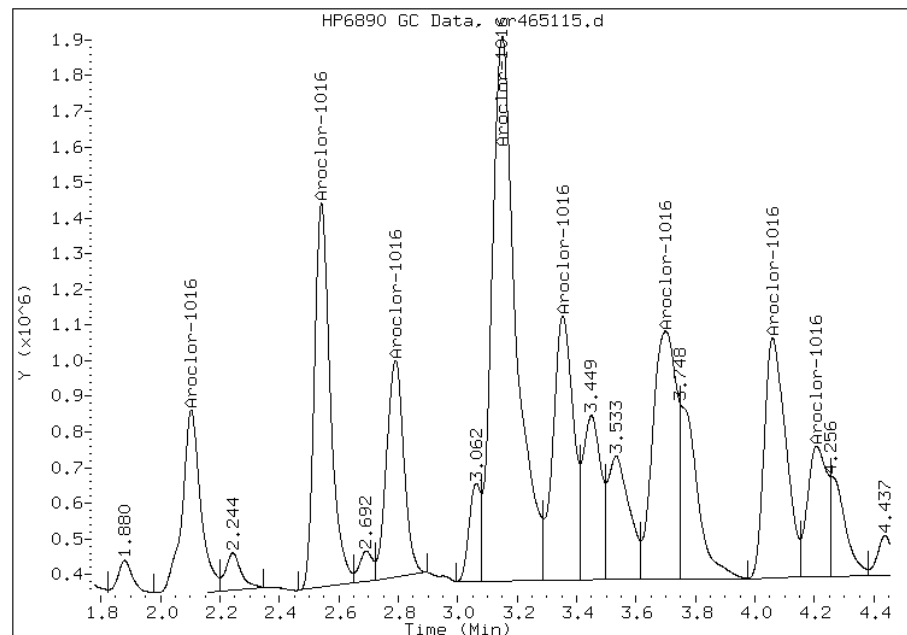
Processing Integration Results

Not Detected

Expected RT: 2.10

Manual Integration Results

RT: 2.10
Response: 2309284
Amount: 553.65
Conc: 370.00



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC7Start Date: 09/23/2011 07:56Analysis Batch Number: 87132End Date: 09/23/2011 12:35

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RINSE 460-87132/1		09/23/2011 07:56	1		CLP-2 0.53 (mm)
RINSE 460-87132/1		09/23/2011 07:56	1		CLP-1 0.53 (mm)
RINSE 460-87132/2		09/23/2011 08:12	1		CLP-2 0.53 (mm)
RINSE 460-87132/2		09/23/2011 08:12	1		CLP-1 0.53 (mm)
ZZZZZ		09/23/2011 08:29	1		CLP-2 0.53 (mm)
ZZZZZ		09/23/2011 08:29	1		CLP-1 0.53 (mm)
ZZZZZ		09/23/2011 08:45	1		CLP-2 0.53 (mm)
ZZZZZ		09/23/2011 08:45	1		CLP-1 0.53 (mm)
ZZZZZ		09/23/2011 09:02	1		CLP-2 0.53 (mm)
ZZZZZ		09/23/2011 09:02	1		CLP-1 0.53 (mm)
IC 460-87132/6		09/23/2011 09:19	1	of177928.d	CLP-2 0.53 (mm)
IC 460-87132/6		09/23/2011 09:19	1	or177928.d	CLP-1 0.53 (mm)
IC 460-87132/7		09/23/2011 09:35	1	of177929.d	CLP-2 0.53 (mm)
IC 460-87132/7		09/23/2011 09:35	1	or177929.d	CLP-1 0.53 (mm)
IC 460-87132/8		09/23/2011 09:52	1	of177930.d	CLP-2 0.53 (mm)
IC 460-87132/8		09/23/2011 09:52	1	or177930.d	CLP-1 0.53 (mm)
IC 460-87132/9		09/23/2011 10:08	1	of177931.d	CLP-2 0.53 (mm)
IC 460-87132/9		09/23/2011 10:08	1	or177931.d	CLP-1 0.53 (mm)
IC 460-87132/10		09/23/2011 10:24	1	of177932.d	CLP-2 0.53 (mm)
IC 460-87132/10		09/23/2011 10:24	1	or177932.d	CLP-1 0.53 (mm)
IC 460-87132/11		09/23/2011 10:41	1	of177933.d	CLP-2 0.53 (mm)
IC 460-87132/11		09/23/2011 10:41	1	or177933.d	CLP-1 0.53 (mm)
IC 460-87132/12		09/23/2011 10:57	1	of177934.d	CLP-2 0.53 (mm)
IC 460-87132/12		09/23/2011 10:57	1	or177934.d	CLP-1 0.53 (mm)
IC 460-87132/13		09/23/2011 11:13	1	of177935.d	CLP-2 0.53 (mm)
IC 460-87132/13		09/23/2011 11:13	1	or177935.d	CLP-1 0.53 (mm)
IC 460-87132/14		09/23/2011 11:30	1	of177936.d	CLP-2 0.53 (mm)
IC 460-87132/14		09/23/2011 11:30	1	or177936.d	CLP-1 0.53 (mm)
IC 460-87132/15		09/23/2011 11:46	1	of177937.d	CLP-2 0.53 (mm)
IC 460-87132/15		09/23/2011 11:46	1	or177937.d	CLP-1 0.53 (mm)
IC 460-87132/16		09/23/2011 12:03	1		CLP-2 0.53 (mm)
IC 460-87132/16		09/23/2011 12:03	1		CLP-1 0.53 (mm)
IC 460-87132/17		09/23/2011 12:19	1		CLP-2 0.53 (mm)
IC 460-87132/17		09/23/2011 12:19	1		CLP-1 0.53 (mm)
ZZZZZ		09/23/2011 12:35	1		CLP-2 0.53 (mm)
ZZZZZ		09/23/2011 12:35	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 09/27/2011 07:32Analysis Batch Number: 87420 End Date: 09/27/2011 12:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/27/2011 07:32	1		CLP-2 0.53 (mm)
ZZZZZ		09/27/2011 07:32	1		CLP-1 0.53 (mm)
ZZZZZ		09/27/2011 07:49	1		CLP-2 0.53 (mm)
ZZZZZ		09/27/2011 07:49	1		CLP-1 0.53 (mm)
PIBLK 460-87420/3		09/27/2011 08:06	1	of178026.d	CLP-2 0.53 (mm)
PIBLK 460-87420/3		09/27/2011 08:06	1	or178026.d	CLP-1 0.53 (mm)
CCVRT 460-87420/4		09/27/2011 08:22	1	of178027.d	CLP-2 0.53 (mm)
CCVRT 460-87420/4		09/27/2011 08:22	1	or178027.d	CLP-1 0.53 (mm)
MB 460-87367/1-A		09/27/2011 10:13	1	of178028.d	CLP-2 0.53 (mm)
MB 460-87367/1-A		09/27/2011 10:13	1	or178028.d	CLP-1 0.53 (mm)
LCS 460-87367/2-A		09/27/2011 10:29	1	of178029.d	CLP-2 0.53 (mm)
LCS 460-87367/2-A		09/27/2011 10:29	1	or178029.d	CLP-1 0.53 (mm)
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 10:46	1	of178030.d	CLP-2 0.53 (mm)
460-31552-5	SO-17338-092111-MM-04 3	09/27/2011 10:46	1	or178030.d	CLP-1 0.53 (mm)
ZZZZZ		09/27/2011 11:02	1		CLP-2 0.53 (mm)
ZZZZZ		09/27/2011 11:02	1		CLP-1 0.53 (mm)
ZZZZZ		09/27/2011 11:19	1		CLP-2 0.53 (mm)
ZZZZZ		09/27/2011 11:19	1		CLP-1 0.53 (mm)
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 11:35	1	of178033.d	CLP-2 0.53 (mm)
460-31552-5 MS	SO-17338-092111-MM-04 3 MS	09/27/2011 11:35	1	or178033.d	CLP-1 0.53 (mm)
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 11:52	1	of178034.d	CLP-2 0.53 (mm)
460-31552-5 MSD	SO-17338-092111-MM-04 3 MSD	09/27/2011 11:52	1	or178034.d	CLP-1 0.53 (mm)
PIBLK 460-87420/12		09/27/2011 12:08	1	of178035.d	CLP-2 0.53 (mm)
PIBLK 460-87420/12		09/27/2011 12:08	1	or178035.d	CLP-1 0.53 (mm)
CCV 460-87420/13		09/27/2011 12:24	1	of178036.d	CLP-2 0.53 (mm)
CCV 460-87420/13		09/27/2011 12:24	1	or178036.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC9 Start Date: 09/29/2011 11:00Analysis Batch Number: 87766 End Date: 09/29/2011 15:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		09/29/2011 11:00	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:00	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 11:16	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:16	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 11:32	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:32	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 11:47	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 11:47	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 12:03	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 12:03	1		CLP-1 0.53 (mm)
IC 460-87766/6		09/29/2011 12:19	1	vf464913.d	CLP-2 0.53 (mm)
IC 460-87766/6		09/29/2011 12:19	1	vr464913.d	CLP-1 0.53 (mm)
IC 460-87766/7		09/29/2011 12:34	1	vf464914.d	CLP-2 0.53 (mm)
IC 460-87766/7		09/29/2011 12:34	1	vr464914.d	CLP-1 0.53 (mm)
IC 460-87766/8		09/29/2011 12:50	1	vf464915.d	CLP-2 0.53 (mm)
IC 460-87766/8		09/29/2011 12:50	1	vr464915.d	CLP-1 0.53 (mm)
IC 460-87766/9		09/29/2011 13:06	1	vf464916.d	CLP-2 0.53 (mm)
IC 460-87766/9		09/29/2011 13:06	1	vr464916.d	CLP-1 0.53 (mm)
IC 460-87766/10		09/29/2011 13:21	1	vf464917.d	CLP-2 0.53 (mm)
IC 460-87766/10		09/29/2011 13:21	1	vr464917.d	CLP-1 0.53 (mm)
IC 460-87766/11		09/29/2011 13:37	1	vf464918.d	CLP-2 0.53 (mm)
IC 460-87766/11		09/29/2011 13:37	1	vr464918.d	CLP-1 0.53 (mm)
IC 460-87766/12		09/29/2011 13:53	1	vf464919.d	CLP-2 0.53 (mm)
IC 460-87766/12		09/29/2011 13:53	1	vr464919.d	CLP-1 0.53 (mm)
IC 460-87766/13		09/29/2011 14:08	1	vf464920.d	CLP-2 0.53 (mm)
IC 460-87766/13		09/29/2011 14:08	1	vr464920.d	CLP-1 0.53 (mm)
IC 460-87766/14		09/29/2011 14:24	1	vf464921.d	CLP-2 0.53 (mm)
IC 460-87766/14		09/29/2011 14:24	1	vr464921.d	CLP-1 0.53 (mm)
IC 460-87766/15		09/29/2011 14:39	1	vf464922.d	CLP-2 0.53 (mm)
IC 460-87766/15		09/29/2011 14:39	1	vr464922.d	CLP-1 0.53 (mm)
IC 460-87766/16		09/29/2011 14:55	1		CLP-2 0.53 (mm)
IC 460-87766/16		09/29/2011 14:55	1		CLP-1 0.53 (mm)
IC 460-87766/17		09/29/2011 15:10	1		CLP-2 0.53 (mm)
IC 460-87766/17		09/29/2011 15:10	1		CLP-1 0.53 (mm)
ZZZZZ		09/29/2011 15:26	1		CLP-2 0.53 (mm)
ZZZZZ		09/29/2011 15:26	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-31552-1

SDG No.: _____

Instrument ID: PESTGC9Start Date: 10/04/2011 20:00Analysis Batch Number: 88374End Date: 10/05/2011 01:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2011 20:00	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 20:00	1		CLP-1 0.53 (mm)
CCVRT 460-88374/2		10/04/2011 20:16	1	vf465111.d	CLP-2 0.53 (mm)
CCVRT 460-88374/2		10/04/2011 20:16	1	vr465111.d	CLP-1 0.53 (mm)
MB 460-88122/1-A		10/04/2011 20:32	1	vf465112.d	CLP-2 0.53 (mm)
MB 460-88122/1-A		10/04/2011 20:32	1	vr465112.d	CLP-1 0.53 (mm)
LCS 460-88122/2-A		10/04/2011 20:48	1	vf465113.d	CLP-2 0.53 (mm)
LCS 460-88122/2-A		10/04/2011 20:48	1	vr465113.d	CLP-1 0.53 (mm)
460-31736-C-18-A MS		10/04/2011 21:04	1	vf465114.d	CLP-2 0.53 (mm)
460-31736-C-18-A MS		10/04/2011 21:04	1	vr465114.d	CLP-1 0.53 (mm)
460-31736-C-18-B MSD		10/04/2011 21:20	1	vf465115.d	CLP-2 0.53 (mm)
460-31736-C-18-B MSD		10/04/2011 21:20	1	vr465115.d	CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 21:36	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 21:36	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 21:51	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 21:51	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 22:07	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 22:07	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 22:23	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 22:23	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 22:39	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 22:39	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 22:55	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 22:55	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 23:11	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 23:11	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 23:27	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 23:27	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 23:42	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 23:42	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 23:58	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 23:58	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2011 00:14	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2011 00:14	1		CLP-1 0.53 (mm)
ZZZZZ		10/05/2011 00:30	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2011 00:30	1		CLP-1 0.53 (mm)
460-31552-4	SO-17338-092111-MM-04 2	10/05/2011 00:46	1	vf465128.d	CLP-2 0.53 (mm)
460-31552-4	SO-17338-092111-MM-04 2	10/05/2011 00:46	1	vr465128.d	CLP-1 0.53 (mm)
ZZZZZ		10/05/2011 01:01	1		CLP-2 0.53 (mm)
ZZZZZ		10/05/2011 01:01	1		CLP-1 0.53 (mm)
CCV 460-88374/21		10/05/2011 01:17	1	vf465130.d	CLP-2 0.53 (mm)
CCV 460-88374/21		10/05/2011 01:17	1	vr465130.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i
Analytical Batch: /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11a1cal/23sep11a.b

Date Generated: 09/23/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/23/11 0756	or177923		rinse	23sep11a		15	10	1	SAMPLE	-	-
09/23/11 0812	or177924		rinse	23sep11a		15	10	1	SAMPLE	-	-
09/23/11 0829	or177925		SGPIBK_00008	23sep11a		15	10	1	INSTBLANK	-	can
09/23/11 0845	or177926		SG1660L3_00013	23sep11a		15	10	1	SAMPLE	-	not used
09/23/11 0902	or177927		SG1660L1_00010	23sep11a		15	10	1	SAMPLE	-	not used
09/23/11 0919	or177928		IC-SG1660L1_00010			0	0	1	CALIB_1	-	up dated
09/23/11 0935	or177929		IC-SG1660L2_00010			0	0	1	CALIB_2	-	
09/23/11 0952	or177930		IC-SG1660L3_00013			0	0	1	CALIB_3	-	
09/23/11 1008	or177931		IC-SG1660L4_00010			0	0	1	CALIB_4	-	
09/23/11 1024	or177932		IC-SG1660L5_00010			0	0	1	CALIB_5	-	
09/23/11 1041	or177933		IC-SG1221L3_00012			0	0	1	CALIB_3	-	up dated
09/23/11 1057	or177934		IC-SG1232L3_00011			0	0	1	CALIB_3	-	
09/23/11 1113	or177935		IC-SG1242L3_00011			0	0	1	CALIB_3	-	
09/23/11 1130	or177936		IC-SG1248L3_00011			0	0	1	CALIB_3	-	

Tals Batcher: 87132

9-24-11

9/23

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Sep11/09-23-11a1cal/23sep11a.b

Date Generated: 09/23/2011

Page 2

Tals broken: 87132

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/23/11 1146	or177937		IC-SG1254L3_00011	-	-	0	0	1	CALIB_3	-	up dated
09/23/11 1203	or177938		IC-SG1262L3_00010	-	-	0	0	1	CALIB_3	-	
09/23/11 1219	or177939		IC-SG1268L3_00011	-	-	0	0	1	CALIB_3	-	
09/23/11 1235	or177940		SGPCBICV_00008	-	-	1000	5	1	BS	-	a

Signed: Lo. Smith Read and Understood by: Paul

Date: 9-24-11

Date: 9/23/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Sep11/09-27-11/27sep11a.b

Date Generated: 09/27/2011

Page 1

Tals Batch: 87420

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/27/11 0732	09178024		HEXANE	27sep11a		15	10	1	SAMPLE		
09/27/11 0749	09178025		HEXANE	27sep11a		15	10	1	SAMPLE		
09/27/11 0806	09178026		SGPIBLK_00008	27sep11a		15	10	1	INSTBLANK		
09/27/11 0822	09178027		CCVRSQ:660L3_00013			0	0	1	CCALIB_3		QR4F
09/27/11 1013	09178028		MB 460-87367/1-A	27sep11a		15	10	1	BLANK		
09/27/11 1029	09178029		LCS 460-87367/2-A			15	10	1	BS		
09/27/11 1046	09178030		460-31552-D-5-C	460-87367	09/27/11	15.0	10	1	SAMPLE		
09/27/11 1102	09178031		460-30916-C-14-A	460-87367	09/27/11	15.0	10	1	SAMPLE		
09/27/11 1119	09178032		460-31605-A-6-D	460-87367	09/27/11	15.0	10	1	SAMPLE		
09/27/11 1135	09178033		460-31552-D-5-A MS	460-87367	09/27/11	15.0	10	1	MS		
09/27/11 1152	09178034		460-31552-D-5-B MSD	460-87367	09/27/11	15	10	1	MSD		
09/27/11 1208	09178035		SGPIBLK_00008	27sep11a		15	10	1	INSTBLANK		
09/27/11 1224	09178036		CCV-SG1660L3_00013			0	0	1	CCALIB_3		QR4F

Signed: A. Smith Read and Understood by: S

Date: 9-27-11

Date: 9-27-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b

Date Generated: 09/29/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/29/11 1100	VR464908	1	HEXANE	29sep11a	-	15	10	1	SAMPLE	-	-
09/29/11 1116	VR464909	2	HEXANE	29sep11a	-	15	10	1	SAMPLE	-	-
09/29/11 1132	VR464910	3	SG1BLK_00008	29sep11a	-	15	10	1	INSTBLANK	-	-
09/29/11 1147	VR464911	4	SG160L3_00013	29sep11a	-	15	10	1	SAMPLE	-	long ref using
09/29/11 1203	VR464912	5	SG160L1_00010	29sep11a	-	15	10	1	SAMPLE	-	-
09/29/11 1219	VR464913	6	IC-SG160L1_00010	-	-	0	0	1	CALIB_1	-	updated
09/29/11 1234	VR464914	7	IC-SG160L2_00010	-	-	0	0	1	CALIB_2	-	-
09/29/11 1250	VR464915	8	IC-SG160L3_00013	-	-	0	0	1	CALIB_3	-	-
09/29/11 1306	VR464916	9	IC-SG160L4_00010	-	-	0	0	1	CALIB_4	-	-
09/29/11 1321	VR464917	10	IC-SG160L5_00010	-	-	0	0	1	CALIB_5	-	-
09/29/11 1337	VR464918	11	IC-SG122L3_00012	-	-	0	0	1	CALIB_3	-	updated
09/29/11 1353	VR464919	12	IC-SG123L3_00011	-	-	0	0	1	CALIB_3	-	-
09/29/11 1408	VR464920	13	IC-SG124L3_00011	-	-	0	0	1	CALIB_3	-	-
09/29/11 1424	VR464921	14	IC-SG124L3_00011	-	-	0	0	1	CALIB_3	-	-

Talks to batch, 877766

Batch
a-29-11

Done
a/2011

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Sep11/09-29-11aical/29sep11a.b

Date Generated: 09/29/2011
Page 2

Ready batch. 87766

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
09/29/11 1439	vr464922	15	IC-SG1254L3_00011	-	-	0	0	1	CALIB_3	-	updated
09/29/11 1455	vr464923	16	IC-SG1262L3_00010	-	-	0	0	1	CALIB_3	-	
09/29/11 1510	vr464924	17	IC-SG1268L3_00011	-	-	0	0	1	CALIB_3	-	
09/29/11 1526	vr464925	18	SGPCBICV_00008	-	-	1000	5	1	BS	-	4

Signed: h Read and Understood by: D

Date: 9-28-11

Date: 9/29/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11d.b

Date Generated: 10/05/2011
Page 1

Talks Batches: 88374

Date	Data File	ALS	Sample ID	LFB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/04/11 2000	vr465110	35	SGPIBLK_00008	04oct11d	15	10		1	INSTBLANK	-	Q20
10/04/11 2016	vr465111	36	CCVRTSG1660L3_00013	04oct11d	10	0		1	CCALIB_3	-	Q20
10/04/11 2032	vr465112	37	MB 460-88122/1-A	04oct11d	15	10		1	BLANK	-	Q20
10/04/11 2048	vr465113	38	LCS 460-88122/2-A	04oct11d	15	10		1	BS	-	Q
10/04/11 2104	vr465114	39	460-31736-C-18-A MS	04oct11d	15	10		1	MS	-	Q
10/04/11 2120	vr465115	40	460-31736-C-18-B SD	04oct11d	15	10		1	MSD	-	Q
10/04/11 2136	vr465116	41	460-31494-A-38-A	460-88122	10/04/11 15.0	10		1	SAMPLE	-	Q12574
10/04/11 2151	vr465117	42	460-31494-A-39-A	460-88122	10/04/11 15	10		1	SAMPLE	-	Q12574
10/04/11 2207	vr465118	43	460-31736-C-17-A	460-88122	10/04/11 15	10		1	SAMPLE	-	Q20
10/04/11 2223	vr465119	44	460-31736-C-18-C	460-88122	10/04/11 15	10		1	SAMPLE	-	Q20 (check)
10/04/11 2239	vr465120	45	460-31736-C-27-A	460-88122	10/04/11 15.0	10		1	SAMPLE	-	Q20 (check)
10/04/11 2255	vr465121	46	460-31736-C-28-A	460-88122	10/04/11 15.0	10		1	SAMPLE	-	Q20 (check)
10/04/11 2311	vr465122	47	460-31841-F-1-D	460-88122	10/04/11 15.1	10		1	SAMPLE	-	Q12574
10/04/11 2327	vr465123	48	460-31469-D-20-D	460-88122	10/04/11 15	10		1	SAMPLE	-	Q12574

10-5-11

10-5-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Oct11/10-04-11/04oct11.d.b

Date Generated: 10/05/2011
Page 2

Date	Data File	AIS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/04/11 2342	VR465124	49	460-31494-A-51-A	460-88122	10/04/11 15	10		1	SAMPLE	-	Q 1254
10/04/11 2358	VR465125	50	460-31494-A-52-A	460-88122	10/04/11 15.1	10		1	SAMPLE	-	Q 1254
10/05/11 0014	VR465126	51	460-31494-A-59-A	460-88122	10/04/11 15.0	10		1	SAMPLE	-	REX 2
10/05/11 0030	VR465127	52	460-31494-A-60-A	460-88122	10/04/11 15.0	10		1	SAMPLE	-	Q 1254
10/05/11 0046	VR465128	53	460-31552-D-4-D	460-88122	10/04/11 15	10		1	SAMPLE	-	Q 22
10/05/11 0101	VR465129	54	SGPIBLK_00008	04oct11d	-	15	10	1	INSTBLANK	-	Q 22
10/05/11 0117	VR465130	55	CCV-SG1660L3_00013	-	-	0	0	1	CCALIB_3	-	Q 251

Signed: Perth Read and Understood by: S

Date: 10-5-11 Date: 10-5-11

Tals batch: 66374

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87367 Batch Start Date: 09/27/11 05:09 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: 09/27/11 09:58

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPositio n	OP_PCBSP 00017	OPPSTPCBSU 00018	
MB 460-87367/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-87367/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-31552-D-5 MS	SO-17338-092111- MM-043	3541, 8082	T	15.02 g	10 mL	75	50 uL	50 uL	
460-31552-D-5 MSD	SO-17338-092111- MM-043	3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-31552-D-5	SO-17338-092111- MM-043	3541, 8082	T	15.04 g	10 mL	81		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k03051
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
First End time	9:58am
Vendor lot number	j44e39
Na2SO4 Lot Number	j51636
Person's name who did the prep	archie
Person's name who witnessed reagent drop	\jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	5:09am
TBA Lot #	+op201

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 88122 Batch Start Date: 10/04/11 04:15 Batch Analyst: Alinea, Archilles RBatch Method: 3541 Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	SoxThermPosition	OP_PCBSP 00017	OPPSTPCBSU 00018	
MB 460-88122/1		3541, 8082		15.00 g	10 mL	73		50 uL	
LCS 460-88122/2		3541, 8082		15.00 g	10 mL	74	50 uL	50 uL	
460-31736-C-18 MS		3541, 8082	T	15.02 g	10 mL	75	50 uL	50 uL	
460-31736-C-18 MSD		3541, 8082	T	15.00 g	10 mL	76	50 uL	50 uL	
460-31552-D-4	SO-17338-092111-MM-042	3541, 8082	T	15.00 g	10 mL	73		50 uL	

Batch Notes	
Acid used for Clean Up Reagent	k03051
Balance ID	30
Batch Comment	pcb-soil
Boiling Chips ID	10013
Person's name who did the concentration	archie
Vendor lot number	j44e36
Na2SO4 Lot Number	k04600
Person's name who did the prep	archie
Person's name who witnessed reagent drop	jose s
Solvent	hex./ace. mixed
SOP Number	3541
First Start time	4:15am
TBA Lot #	op201

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-31552-1

SDG No.: _____

Project: FORMER GM

Client Sample ID

SO-17338-092111-MM-042

SO-17338-092111-MM-043

Lab Sample ID

460-31552-4

460-31552-5

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-092111-MM-042

Lab Sample ID: 460-31552-4

Lab Name: TestAmerica Edison

Job No.: 460-31552-1

SDG ID.:

Matrix: Solid

Date Sampled: 09/21/2011 11:05

Reporting Basis: DRY

Date Received: 09/23/2011 18:30

% Solids: 87.5

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	12300	44.4	16.3	mg/Kg			4	6010B
7440-36-0	Antimony	2.2	2.2	0.98	mg/Kg	U		4	6010B
7440-38-2	Arsenic	2.6	1.1	0.77	mg/Kg			4	6010B
7440-39-3	Barium	63.6	44.4	1.3	mg/Kg			4	6010B
7440-41-7	Beryllium	0.39	0.44	0.20	mg/Kg	J		4	6010B
7440-43-9	Cadmium	1.1	1.1	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	810	1110	29.2	mg/Kg	J		4	6010B
7440-47-3	Chromium	12.6	2.2	1.3	mg/Kg			4	6010B
7440-48-4	Cobalt	3.6	11.1	1.4	mg/Kg	J		4	6010B
7440-50-8	Copper	4.6	5.5	0.91	mg/Kg	J		4	6010B
7439-89-6	Iron	11800	33.3	11.8	mg/Kg			4	6010B
7439-92-1	Lead	19.2	1.1	0.55	mg/Kg			4	6010B
7439-95-4	Magnesium	588	1110	11.7	mg/Kg	J		4	6010B
7439-96-5	Manganese	74.0	3.3	1.3	mg/Kg			4	6010B
7440-02-0	Nickel	6.8	8.9	0.59	mg/Kg	J		4	6010B
7440-09-7	Potassium	304	1110	50.1	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.2	2.2	1.0	mg/Kg	U		4	6010B
7440-22-4	Silver	2.2	2.2	0.17	mg/Kg	U		4	6010B
7440-23-5	Sodium	109	1110	68.1	mg/Kg	J		4	6010B
7440-28-0	Thallium	2.2	2.2	1.1	mg/Kg	U		4	6010B
7440-62-2	Vanadium	17.4	11.1	0.58	mg/Kg			4	6010B
7440-66-6	Zinc	27.8	6.7	1.1	mg/Kg			4	6010B
7439-97-6	Mercury	0.057	0.034	0.023	mg/Kg			1	7471A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: SO-17338-092111-MM-043

Lab Sample ID: 460-31552-5

Lab Name: TestAmerica Edison

Job No.: 460-31552-1

SDG ID.:

Matrix: Solid

Date Sampled: 09/21/2011 11:20

Reporting Basis: DRY

Date Received: 09/23/2011 18:30

% Solids: 86.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	5120	42.7	15.7	mg/Kg			4	6010B
7440-36-0	Antimony	2.1	2.1	0.94	mg/Kg	U		4	6010B
7440-38-2	Arsenic	1.1	1.1	0.74	mg/Kg	U		4	6010B
7440-39-3	Barium	23.4	42.7	1.3	mg/Kg	J		4	6010B
7440-41-7	Beryllium	0.24	0.43	0.19	mg/Kg	J		4	6010B
7440-43-9	Cadmium	1.1	1.1	0.17	mg/Kg	U		4	6010B
7440-70-2	Calcium	1200	1070	28.1	mg/Kg			4	6010B
7440-47-3	Chromium	8.5	2.1	1.3	mg/Kg			4	6010B
7440-48-4	Cobalt	1.3	10.7	1.3	mg/Kg	J		4	6010B
7440-50-8	Copper	3.3	5.3	0.87	mg/Kg	J		4	6010B
7439-89-6	Iron	2180	32.1	11.3	mg/Kg			4	6010B
7439-92-1	Lead	4.2	1.1	0.53	mg/Kg			4	6010B
7439-95-4	Magnesium	406	1070	11.3	mg/Kg	J		4	6010B
7439-96-5	Manganese	20.0	3.2	1.2	mg/Kg			4	6010B
7440-02-0	Nickel	3.4	8.5	0.57	mg/Kg	J		4	6010B
7440-09-7	Potassium	247	1070	48.2	mg/Kg	J		4	6010B
7782-49-2	Selenium	2.1	2.1	1.0	mg/Kg	U		4	6010B
7440-22-4	Silver	2.1	2.1	0.16	mg/Kg	U		4	6010B
7440-23-5	Sodium	104	1070	65.6	mg/Kg	J		4	6010B
7440-28-0	Thallium	2.1	2.1	1.0	mg/Kg	U		4	6010B
7440-62-2	Vanadium	12.4	10.7	0.56	mg/Kg			4	6010B
7440-66-6	Zinc	7.5	6.4	1.0	mg/Kg			4	6010B
7439-97-6	Mercury	0.037	0.037	0.025	mg/Kg	U		1	7471A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

ICV Source: ME_CCV_DUO_00038 Concentration Units: ug/L

CCV Source: ME_CCV_DUO_00038

Analyte	ICV 460-87983/6 09/30/2011 18:27				CCV 460-87983/18 09/30/2011 19:11				CCV 460-87983/30 09/30/2011 19:56			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	125000		125000	100	125200		125000	100	125900		125000	101
Antimony	1021		1000	102	1019		1000	102	1004		1000	100
Arsenic	2504		2500	100	2485		2500	99	2488		2500	100
Barium	10130		10000	101	10060		10000	101	10060		10000	101
Beryllium	998.3		1000	100	994.4		1000	99	1005		1000	101
Cadmium	1272		1250	102	1262		1250	101	1263		1250	101
Calcium	127000		125000	102	126400		125000	101	128200		125000	103
Chromium	5055		5000	101	5007		5000	100	5035		5000	101
Cobalt	2514		2500	101	2498		2500	100	2491		2500	100
Copper	12510		12500	100	12490		12500	100	12610		12500	101
Iron	100700		100000	101	99830		100000	100	100100		100000	100
Lead	7607		7500	101	7557		7500	101	7548		7500	101
Magnesium	125900		125000	101	124700		125000	100	125500		125000	100
Manganese	5133		5000	103	5067		5000	101	5128		5000	103
Nickel	2552		2500	102	2531		2500	101	2530		2500	101
Potassium	49380		50000	99	49550		50000	99	49390		50000	99
Selenium	2471		2500	99	2454		2500	98	2446		2500	98
Silver	1242		1250	99	1232		1250	99	1237		1250	99
Sodium	123300		125000	99	124000		125000	99	124100		125000	99
Thallium	2574		2500	103	2549		2500	102	2549		2500	102
Vanadium	2491		2500	100	2470		2500	99	2478		2500	99
Zinc	2510		2500	100	2493		2500	100	2491		2500	100

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.: 460-31552-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00328 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00328

Analyte	ICV 460-87472/7-A 09/27/2011 20:47				CCV 460-87472/8-A 09/27/2011 21:12				CCV 460-87472/8-A 09/27/2011 21:36			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	845.0		833	101	848.3		833	102	878.3		833	105

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.: 460-31552-1

SDG No.: _____

ICV Source: ME_DQCS-INT_00328 Concentration Units: ug/L

CCV Source: ME_DQCS-INT_00328

Analyte	CCV 460-87472/8-A 09/27/2011 21:53											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	866.7		833	104								

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.: 460-31552-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-87983/7 09/30/2011 18:30		CCB 460-87983/19 09/30/2011 19:15		CCB 460-87983/31 09/30/2011 19:59			
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U		
Antimony	10.0	10.0	U	8.54	J	10.0	U		
Arsenic	5.0	5.0	U	5.0	U	5.0	U		
Barium	200	200	U	200	U	200	U		
Beryllium	2.0	2.0	U	2.0	U	2.0	U		
Cadmium	5.0	5.0	U	5.0	U	5.0	U		
Calcium	5000	5000	U	5000	U	5000	U		
Chromium	10.0	10.0	U	10.0	U	10.0	U		
Cobalt	50.0	50.0	U	50.0	U	50.0	U		
Copper	25.0	25.0	U	25.0	U	25.0	U		
Iron	150	150	U	150	U	150	U		
Lead	5.0	5.0	U	5.0	U	5.0	U		
Magnesium	5000	5000	U	5000	U	5000	U		
Manganese	15.0	15.0	U	15.0	U	15.0	U		
Nickel	40.0	40.0	U	40.0	U	40.0	U		
Potassium	5000	5000	U	5000	U	5000	U		
Selenium	10.0	10.0	U	10.0	U	10.0	U		
Silver	10.0	10.0	U	10.0	U	10.0	U		
Sodium	5000	5000	U	5000	U	5000	U		
Thallium	10.0	10.0	U	10.0	U	10.0	U		
Vanadium	50.0	50.0	U	50.0	U	50.0	U		
Zinc	30.0	30.0	U	30.0	U	30.0	U		

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-87497/8 09/27/2011 20:49		CCB 460-87497/20 09/27/2011 21:13		CCB 460-87497/32 09/27/2011 21:38		CCB 460-87497/40 09/27/2011 21:55	
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U	0.20	U	0.20	U	0.20	U

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Concentration Units: mg/Kg Lab Sample ID: MB 460-87829/1-A ^2
 Instrument Code: ICP4 Batch No.: 87983

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	20.0	U		6010B
7440-36-0	Antimony	0.489	J		6010B
7440-38-2	Arsenic	0.50	U		6010B
7440-39-3	Barium	20.0	U		6010B
7440-41-7	Beryllium	0.20	U		6010B
7440-43-9	Cadmium	0.50	U		6010B
7440-70-2	Calcium	500	U		6010B
7440-47-3	Chromium	1.0	U		6010B
7440-48-4	Cobalt	5.0	U		6010B
7440-50-8	Copper	2.5	U		6010B
7439-89-6	Iron	15.0	U		6010B
7439-92-1	Lead	0.50	U		6010B
7439-95-4	Magnesium	500	U		6010B
7439-96-5	Manganese	1.5	U		6010B
7440-02-0	Nickel	4.0	U		6010B
7440-09-7	Potassium	500	U		6010B
7782-49-2	Selenium	1.0	U		6010B
7440-22-4	Silver	1.0	U		6010B
7440-23-5	Sodium	500	U		6010B
7440-28-0	Thallium	1.0	U		6010B
7440-62-2	Vanadium	5.0	U		6010B
7440-66-6	Zinc	3.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Concentration Units: mg/Kg Lab Sample ID: MB 460-87472/10-A
Instrument Code: LEEMAN5 Batch No.: 87497

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.033	U		7471A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-87983/8 Instrument ID: ICP4
 Lab File ID: 09302011A.asc ICS Source: ME_ICSA_Duo_00034
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	502600	101
Antimony		-0.475	
Arsenic		-1.10	
Barium		0.415	
Beryllium		-0.120	
Cadmium		-0.418	
Calcium	500000	461400	92
Chromium		-0.637	
Cobalt		-0.707	
Copper		-5.35	
Iron	200000	198100	99
Lead		-1.21	
Magnesium	500000	511800	102
Manganese		-0.0800	
Nickel		-0.811	
Potassium		-177	
Selenium		-0.0848	
Silver		0.728	
Sodium		-94.0	
Thallium		4.53	
Vanadium		-2.13	
Zinc		-0.363	
<i>Boron</i>		<i>4.92</i>	
<i>Molybdenum</i>		<i>-2.78</i>	
<i>Strontium</i>		<i>-4.12</i>	
<i>Tin</i>		<i>0.270</i>	
<i>Titanium</i>		<i>-0.280</i>	

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

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-87983/9 Instrument ID: ICP4
 Lab File ID: 09302011A.asc ICS Source: ME_ICSAB_DUO_00032
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	511100	102
Antimony	100	98.4	98
Arsenic	100	97.6	98
Barium	100	102	102
Beryllium	100	101	101
Cadmium	100	97.2	97
Calcium	500000	466400	93
Chromium	100	102	102
Cobalt	100	96.6	97
Copper	100	97.8	98
Iron	200000	201700	101
Lead	100	96.2	96
Magnesium	500000	522500	104
Manganese	100	103	103
Nickel	100	95.6	96
Potassium	10000	10300	103
Selenium	100	98.6	99
Silver	100	107	107
Sodium	10000	10510	105
Thallium	100	94.7	95
Vanadium	100	99.4	99
Zinc	100	101	101
<i>Boron</i>	<i>100</i>	<i>102</i>	<i>102</i>
<i>Molybdenum</i>	<i>100</i>	<i>94.8</i>	<i>95</i>
<i>Strontium</i>	<i>100</i>	<i>113</i>	<i>113</i>
<i>Tin</i>	<i>100</i>	<i>91.1</i>	<i>91</i>
<i>Titanium</i>	<i>100</i>	<i>94.6</i>	<i>95</i>

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31465-F-1-F MS
Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
Matrix: Solid Concentration Units: mg/Kg
% Solids: 88.2

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Mercury	0.591	0.33	0.189	138	75-125	F	7471A

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31716-A-8-C MS ^4
 Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Concentration Units: mg/Kg
 % Solids: 94.8

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	9527	7970	203	767	75-125	4	6010B
Antimony	24.25	2.0 U	50.7	48	75-125	F	6010B
Arsenic	172.6	1.9	203	84	75-125		6010B
Barium	230.1	49.4	203	89	75-125		6010B
Beryllium	4.86	0.32 J	5.07	89	75-125		6010B
Cadmium	4.43	1.0 U	5.07	87	75-125		6010B
Calcium	11360	8240	2030	154	75-125	4	6010B
Chromium	35.00	16.5	20.3	91	75-125		6010B
Cobalt	52.88	9.2 J	50.7	86	75-125		6010B
Copper	46.71	22.5	25.4	96	75-125		6010B
Iron	19430	18400	101	1036	75-125	4	6010B
Lead	50.77	4.7	50.7	91	75-125		6010B
Magnesium	9001	7020	2030	98	75-125		6010B
Manganese	493.9	437	50.7	112	75-125	4	6010B
Nickel	61.24	15.3	50.7	91	75-125		6010B
Potassium	2778	928 J	2030	91	75-125		6010B
Selenium	165.0	2.0 U	203	81	75-125		6010B
Silver	4.24	2.0 U	5.07	84	75-125		6010B
Sodium	1943	212 J	2030	85	75-125		6010B
Thallium	180.1	2.0 U	203	89	75-125		6010B
Vanadium	68.99	25.4	50.7	86	75-125		6010B
Zinc	81.71	35.1	50.7	92	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Note - Results and Reporting Limits have been adjusted for dry weight.

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-31716-A-8-A PDS ^4
 Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 Matrix: Solid Concentration Units: mg/Kg

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	8238	7970	410	NC	75-125		6010B
Antimony	89.53	2.0 U	102	87	75-125		6010B
Arsenic	369.0	1.9	410	90	75-125		6010B
Barium	432.5	49.4	410	93	75-125		6010B
Beryllium	9.89	0.32 J	10.2	93	75-125		6010B
Cadmium	9.62	1.0 U	10.2	94	75-125		6010B
Calcium	12080	8240	4100	94	75-125		6010B
Chromium	55.32	16.5	41.0	95	75-125		6010B
Cobalt	105.4	9.2 J	102	94	75-125		6010B
Copper	69.35	22.5	51.2	92	75-125		6010B
Iron	18540	18400	205	NC	75-125		6010B
Lead	102.8	4.7	102	96	75-125		6010B
Magnesium	10790	7020	4100	92	75-125		6010B
Manganese	534.1	437	102	95	75-125		6010B
Nickel	113.0	15.3	102	95	75-125		6010B
Potassium	4639	928 J	4100	91	75-125		6010B
Selenium	361.2	2.0 U	410	88	75-125		6010B
Silver	9.04	2.0 U	10.2	88	75-125		6010B
Sodium	3991	212 J	4100	92	75-125		6010B
Thallium	390.9	2.0 U	410	95	75-125		6010B
Vanadium	119.7	25.4	102	92	75-125		6010B
Zinc	129.7	35.1	102	92	75-125		6010B

SSR = Spiked Sample Result

Calculations are performed before rounding to avoid round-off errors in calculated results.
 Note - Results and Reporting Limits have been adjusted for dry weight.

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-31465-F-1-E DU
Lab Name: TestAmerica Edison Job No.: 460-31552-1
SDG No.: _____
% Solids for Sample: 88.2 % Solids for Duplicate: 88.2
Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Mercury	0.037	0.33	0.353	7		7471A

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

FORM VI-IN

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-31716-A-8-B DU ^4
 Lab Name: TestAmerica Edison Job No.: 460-31552-1
 SDG No.: _____
 % Solids for Sample: 94.8 % Solids for Duplicate: 94.8
 Matrix: Solid Concentration Units: mg/Kg

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	41.4	7970	9054	13		6010B
Antimony	2.1	2.0 U	2.1 U	NC		6010B
Arsenic	1.0	1.9	2.03	8		6010B
Barium	41.4	49.4	51.91	5		6010B
Beryllium	0.41	0.32 J	0.353 J	9		6010B
Cadmium	1.0	1.0 U	1.0 U	NC		6010B
Calcium	1030	8240	6960	17		6010B
Chromium	2.1	16.5	14.47	13		6010B
Cobalt	10.3	9.2 J	9.10 J	0.9		6010B
Copper	5.2	22.5	30.54	31	F	6010B
Iron	31.0	18400	19910	8		6010B
Lead	1.0	4.7	5.40	13		6010B
Magnesium	1030	7020	7287	4		6010B
Manganese	3.1	437	450.0	3		6010B
Nickel	8.3	15.3	17.45	13		6010B
Potassium	1030	928 J	855.3 J	8		6010B
Selenium	2.1	2.0 U	2.1 U	NC		6010B
Silver	2.1	2.0 U	2.1 U	NC		6010B
Sodium	1030	212 J	245.6 J	15		6010B
Thallium	2.1	2.0 U	2.1 U	NC		6010B
Vanadium	10.3	25.4	27.27	7		6010B
Zinc	6.2	35.1	38.54	9		6010B

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

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-87829/2-A ^4

Lab Name: TestAmerica Edison

Job No.: 460-31552-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00013

Analyte	Solid(mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	10500	8308		79	46.1	154		6010B
Antimony	67.4	177.2		263	32.0	353		6010B
Arsenic	104	97.06		93	69.7	131		6010B
Barium	198	184.9		93	73.2	126		6010B
Beryllium	77.6	75.30		97	74.0	126		6010B
Cadmium	60.7	59.80		99	73.3	127		6010B
Calcium	9870	9968		101	75.4	125		6010B
Chromium	236	232.8		99	70.8	129		6010B
Cobalt	91.2	93.50		103	74.4	126		6010B
Copper	174	169.7		98	75.3	124		6010B
Iron	18000	17930		100	42.1	158		6010B
Lead	86.0	85.02		99	69.8	130		6010B
Magnesium	4000	3522		88	69.5	131		6010B
Manganese	558	552.6		99	77.4	123		6010B
Nickel	134	138.5		103	73.2	127		6010B
Potassium	4300	3822		89	65.3	135		6010B
Selenium	286	263.4		92	69.6	130		6010B
Silver	30.1	27.90		93	65.1	135		6010B
Sodium	1020	973.2	J	95	60.2	139		6010B
Thallium	121	124.6		103	67.8	133		6010B
Vanadium	115	110.8		96	67.6	132		6010B
Zinc	594	578.8		97	73.6	127		6010B

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

FORM VIIA - IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
METALS

Lab ID: LCSSRM 460-87472/11-A ^10

Lab Name: TestAmerica Edison

Job No.: 460-31552-1

Sample Matrix: Solid

LCS Source: ME_LCSS_62_00013

Analyte	Solid (mg/Kg)							
	True	Found	C	%R	Limits		Q	Method
Mercury	8.46	8.17		97	51.3	149		7471A

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

Lab ID: 460-31716-A-8-A SD ^20

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31552-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	7970		8191		2.8		6010B
Antimony	2.0	U	10.2	U	NC		6010B
Arsenic	1.9		5.1	U	NC		6010B
Barium	49.4		50.09	J	NC		6010B
Beryllium	0.32	J	2.0	U	NC		6010B
Cadmium	1.0	U	5.1	U	NC		6010B
Calcium	8240		8425		2.3		6010B
Chromium	16.5		16.07		NC		6010B
Cobalt	9.2	J	9.53	J	NC		6010B
Copper	22.5		21.11	J	NC		6010B
Iron	18400		18800		2.3		6010B
Lead	4.7		4.63	J	NC		6010B
Magnesium	7020		7223		2.9		6010B
Manganese	437		448.4		2.6		6010B
Nickel	15.3		15.35	J	NC		6010B
Potassium	928	J	911.2	J	NC		6010B
Selenium	2.0	U	10.2	U	NC		6010B
Silver	2.0	U	10.2	U	NC		6010B
Sodium	212	J	5120	U	NC		6010B
Thallium	2.0	U	10.2	U	NC		6010B
Vanadium	25.4		25.41	J	NC		6010B
Zinc	35.1		36.08		NC		6010B

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

Lab ID: 460-31465-F-1-D SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-31552-1

Matrix: Solid

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Mercury	0.33		0.359		NC		7471A

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

FORM VIII-IN

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31552-1
 SDG Number: _____
 Matrix: Solid Instrument ID: ICP4
 Method: 6010B MDL Date: 12/30/2008 10:24
 Prep Method: 3050B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Aluminum	308.0	10	3.664
Antimony	206.8	0.5	0.22
Arsenic	189.0	0.25	0.174
Barium	483.4	10	0.302
Beryllium	313.0	0.1	0.044
Cadmium	226.5	0.25	0.039
Calcium	317.9	250	6.574
Chromium	267.7	0.5	0.297
Cobalt	228.6	2.5	0.307
Copper	324.7	1.25	0.204
Iron	271.4	7.5	2.654
Lead	220.6	0.25	0.125
Magnesium	279.0	250	2.645
Manganese	257.0	0.75	0.282
Nickel	231.6	2	0.134
Potassium	766.4	250	11.284
Selenium	196.0	0.5	0.234
Silver	328.0	0.5	0.038
Sodium	330.2	250	15.352
Thallium	190.8	0.5	0.242
Vanadium	292.4	2.5	0.13
Zinc	206.2	1.5	0.245

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31552-1
SDG Number: _____
Matrix: Solid Instrument ID: ICP4
Method: 6010B XMDL Date: 01/01/2009 00:00

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Aluminum		200	86.956
Antimony		10	4.6
Arsenic		5	3.831
Barium		200	3.212
Beryllium		2	0.942
Cadmium		5	0.918
Calcium		5000	72.229
Chromium		10	3.201
Cobalt		50	2.767
Copper		25	3.648
Iron		150	40.158
Lead		5	2.787
Magnesium		5000	58.863
Manganese		15	2.515
Nickel		40	3.509
Potassium		5000	208.667
Selenium		10	4.752
Silver		10	0.969
Sodium		5000	341.097
Thallium		10	4.643
Vanadium		50	1.978
Zinc		30	5.798

9-IN
DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31552-1
SDG Number: _____
Matrix: Solid Instrument ID: LEEMAN5
Method: 7471A MDL Date: 03/23/2011 11:28
Prep Method: 7471A

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Mercury		0.033	0.022

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-31552-1
SDG Number: _____
Matrix: Solid Instrument ID: LEEMAN5
Method: 7471A XMDL Date: 12/30/2008 14:34

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.185

11-IN
LINEAR RANGES
METALS

Lab Name: TestAmerica Edison

Job No: 460-31552-1

SDG No.: _____

Instrument ID: ICP4

Date: 01/06/2009 11:38

Analyte	Integ. Time (Sec.)	Concentration (ug/L)	Method
Aluminum		500000	6010B
Antimony		2000	6010B
Arsenic		10000	6010B
Barium		20000	6010B
Beryllium		2000	6010B
Cadmium		5000	6010B
Calcium		250000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		250000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		250000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Prep Method: 3050B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-87829/1-A ^2	09/30/2011 07:07	87829	1.00		50
LCSSRM 460-87829/2-A ^4	09/30/2011 07:07	87829	1.00		50
460-31716-A-8-B DU ^4	09/30/2011 07:07	87829	1.02		50
460-31716-A-8-C MS ^4	09/30/2011 07:07	87829	1.04		50
460-31552-4	09/30/2011 07:07	87829	1.03		50
460-31552-5	09/30/2011 07:07	87829	1.08		50

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Prep Method: 7471A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-87472/10-A	09/27/2011 17:50	87472	0.60		100
LCSSRM 460-87472/11-A ^10	09/27/2011 17:50	87472	0.60		100
460-31465-F-1-E DU	09/27/2011 17:50	87472	0.60		100
460-31465-F-1-F MS	09/27/2011 17:50	87472	0.60		100
460-31552-4	09/27/2011 17:50	87472	0.66		100
460-31552-5	09/27/2011 17:50	87472	0.62		100

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																			
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e	T l
ZZZZZZ			18:08																				
ZZZZZZ			18:12																				
ZZZZZZ			18:15																				
ZZZZZZ			18:19																				
ZZZZZZ			18:23																				
ICV 460-87983/6	1		18:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-87983/7	1		18:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-87983/8	1		18:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-87983/9	1		18:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			18:42																				
460-31716-A-8-B DU ^4	4	T	18:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			18:49																				
460-31716-A-8-A SD ^20	20	T	18:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31716-A-8-C MS ^4	4	T	18:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31716-A-8-A PDS ^4	4	T	19:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			19:04																				
ZZZZZZ			19:07																				
CCV 460-87983/18	1		19:11	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-87983/19	1		19:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-87829/1-A ^2	2	T	19:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LCSSRM 460-87829/2-A ^4	4	T	19:23	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			19:26																				
ZZZZZZ			19:30																				
ZZZZZZ			19:33																				
ZZZZZZ			19:37																				
ZZZZZZ			19:41																				
460-31552-4	4	T	19:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-31552-5	4	T	19:48	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			19:52																				
CCV 460-87983/30	1		19:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-87983/31	1		19:59	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			20:03																				
ZZZZZZ			20:07																				
ZZZZZZ			20:10																				
ZZZZZZ			20:14																				
ZZZZZZ			20:18																				
ZZZZZZ			20:22																				
ZZZZZZ			20:25																				
ZZZZZZ			20:29																				
ZZZZZZ			20:33																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			20:36																			
CCV 460-87983/42			20:40																			
CCB 460-87983/43			20:43																			
ZZZZZZ			20:47																			
ZZZZZZ			20:51																			
ZZZZZZ			20:55																			
ZZZZZZ			20:59																			
ZZZZZZ			21:03																			
ZZZZZZ			21:06																			
ZZZZZZ			21:10																			
ZZZZZZ			21:14																			
ZZZZZZ			21:17																			
ZZZZZZ			21:21																			
CCV 460-87983/54			21:25																			
CCB 460-87983/55			21:28																			
ZZZZZZ			21:32																			
ZZZZZZ			21:36																			
ZZZZZZ			21:40																			
ZZZZZZ			21:44																			
ZZZZZZ			21:48																			
ZZZZZZ			21:51																			
ZZZZZZ			21:55																			
ZZZZZZ			21:59																			
ZZZZZZ			22:03																			
ZZZZZZ			22:06																			
CCV 460-87983/66			22:10																			
CCB 460-87983/67			22:13																			
ZZZZZZ			22:17																			
ZZZZZZ			22:21																			
ZZZZZZ			22:25																			
ZZZZZZ			22:28																			
ZZZZZZ			22:32																			
ZZZZZZ			22:36																			
ZZZZZZ			22:40																			
ZZZZZZ			22:44																			
ZZZZZZ			22:47																			
ZZZZZZ			22:51																			
CCV 460-87983/78			22:55																			
CCB 460-87983/79			22:59																			
ZZZZZZ			23:03																			
ZZZZZZ			23:06																			
ZZZZZZ			23:10																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																		
				A g	A l	A s	B a	B e	C a	C d	C o	C r	C u	F e	K	M g	M n	N a	N i	P b	S b	S e
ZZZZZZ			23:14																			
ZZZZZZ			23:18																			
ZZZZZZ			23:21																			
ZZZZZZ			23:25																			
ZZZZZZ			23:29																			
ZZZZZZ			23:33																			
ZZZZZZ			23:37																			
CCV 460-87983/90			23:40																			
CCB 460-87983/91			23:44																			
ZZZZZZ			23:48																			
ZZZZZZ			23:52																			
ZZZZZZ			23:55																			
ZZZZZZ			23:59																			
ZZZZZZ			00:03																			
ZZZZZZ			00:07																			
ZZZZZZ			00:10																			
ZZZZZZ			00:14																			
ZZZZZZ			00:18																			
ZZZZZZ			00:22																			
CCV 460-87983/102			00:25																			
CCB 460-87983/103			00:29																			
ZZZZZZ			00:33																			
ZZZZZZ			00:36																			
ZZZZZZ			00:40																			
ZZZZZZ			00:44																			
ZZZZZZ			00:48																			
ZZZZZZ			00:52																			
ZZZZZZ			00:55																			
ZZZZZZ			00:59																			
ZZZZZZ			01:03																			
ZZZZZZ			01:07																			
CCV 460-87983/114			01:10																			
CCB 460-87983/115			01:14																			
ZZZZZZ			01:18																			
ZZZZZZ			01:22																			
ZZZZZZ			01:25																			
ZZZZZZ			01:29																			
ZZZZZZ			01:33																			
ZZZZZZ			01:37																			
CCV 460-87983/122			01:41																			
CCB 460-87983/123			01:44																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes															
				V	Z n														
ZZZZZZ			18:08																
ZZZZZZ			18:12																
ZZZZZZ			18:15																
ZZZZZZ			18:19																
ZZZZZZ			18:23																
ICV 460-87983/6	1		18:27	X	X														
ICB 460-87983/7	1		18:30	X	X														
ICSA 460-87983/8	1		18:34	X	X														
ICSAB 460-87983/9	1		18:38	X	X														
ZZZZZZ			18:42																
460-31716-A-8-B DU ^4	4	T	18:45	X	X														
ZZZZZZ			18:49																
460-31716-A-8-A SD ^20	20	T	18:53	X	X														
460-31716-A-8-C MS ^4	4	T	18:57	X	X														
460-31716-A-8-A PDS ^4	4	T	19:00	X	X														
ZZZZZZ			19:04																
ZZZZZZ			19:07																
CCV 460-87983/18	1		19:11	X	X														
CCB 460-87983/19	1		19:15	X	X														
MB 460-87829/1-A ^2	2	T	19:19	X	X														
LCSSRM 460-87829/2-A ^4	4	T	19:23	X	X														
ZZZZZZ			19:26																
ZZZZZZ			19:30																
ZZZZZZ			19:33																
ZZZZZZ			19:37																
ZZZZZZ			19:41																
460-31552-4	4	T	19:44	X	X														
460-31552-5	4	T	19:48	X	X														
ZZZZZZ			19:52																
CCV 460-87983/30	1		19:56	X	X														
CCB 460-87983/31	1		19:59	X	X														
ZZZZZZ			20:03																
ZZZZZZ			20:07																
ZZZZZZ			20:10																
ZZZZZZ			20:14																
ZZZZZZ			20:18																
ZZZZZZ			20:22																
ZZZZZZ			20:25																
ZZZZZZ			20:29																
ZZZZZZ			20:33																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			20:36																		
CCV 460-87983/42			20:40																		
CCB 460-87983/43			20:43																		
ZZZZZZ			20:47																		
ZZZZZZ			20:51																		
ZZZZZZ			20:55																		
ZZZZZZ			20:59																		
ZZZZZZ			21:03																		
ZZZZZZ			21:06																		
ZZZZZZ			21:10																		
ZZZZZZ			21:14																		
ZZZZZZ			21:17																		
ZZZZZZ			21:21																		
CCV 460-87983/54			21:25																		
CCB 460-87983/55			21:28																		
ZZZZZZ			21:32																		
ZZZZZZ			21:36																		
ZZZZZZ			21:40																		
ZZZZZZ			21:44																		
ZZZZZZ			21:48																		
ZZZZZZ			21:51																		
ZZZZZZ			21:55																		
ZZZZZZ			21:59																		
ZZZZZZ			22:03																		
ZZZZZZ			22:06																		
CCV 460-87983/66			22:10																		
CCB 460-87983/67			22:13																		
ZZZZZZ			22:17																		
ZZZZZZ			22:21																		
ZZZZZZ			22:25																		
ZZZZZZ			22:28																		
ZZZZZZ			22:32																		
ZZZZZZ			22:36																		
ZZZZZZ			22:40																		
ZZZZZZ			22:44																		
ZZZZZZ			22:47																		
ZZZZZZ			22:51																		
CCV 460-87983/78			22:55																		
CCB 460-87983/79			22:59																		
ZZZZZZ			23:03																		
ZZZZZZ			23:06																		
ZZZZZZ			23:10																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			23:14																		
ZZZZZZ			23:18																		
ZZZZZZ			23:21																		
ZZZZZZ			23:25																		
ZZZZZZ			23:29																		
ZZZZZZ			23:33																		
ZZZZZZ			23:37																		
CCV 460-87983/90			23:40																		
CCB 460-87983/91			23:44																		
ZZZZZZ			23:48																		
ZZZZZZ			23:52																		
ZZZZZZ			23:55																		
ZZZZZZ			23:59																		
ZZZZZZ			00:03																		
ZZZZZZ			00:07																		
ZZZZZZ			00:10																		
ZZZZZZ			00:14																		
ZZZZZZ			00:18																		
ZZZZZZ			00:22																		
CCV 460-87983/102			00:25																		
CCB 460-87983/103			00:29																		
ZZZZZZ			00:33																		
ZZZZZZ			00:36																		
ZZZZZZ			00:40																		
ZZZZZZ			00:44																		
ZZZZZZ			00:48																		
ZZZZZZ			00:52																		
ZZZZZZ			00:55																		
ZZZZZZ			00:59																		
ZZZZZZ			01:03																		
ZZZZZZ			01:07																		
CCV 460-87983/114			01:10																		
CCB 460-87983/115			01:14																		
ZZZZZZ			01:18																		
ZZZZZZ			01:22																		
ZZZZZZ			01:25																		
ZZZZZZ			01:29																		
ZZZZZZ			01:33																		
ZZZZZZ			01:37																		
CCV 460-87983/122			01:41																		
CCB 460-87983/123			01:44																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: ICP4 Method: 6010B

Start Date: 09/30/2011 18:08 End Date: 10/01/2011 01:44

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: LEEMAN5 Method: 7471A

Start Date: 09/27/2011 20:34 End Date: 09/27/2011 22:35

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-87472/1-A			20:34	X															
IC 460-87472/2-A			20:36	X															
IC 460-87472/3-A			20:37	X															
IC 460-87472/4-A			20:40	X															
IC 460-87472/5-A			20:43	X															
IC 460-87472/6-A			20:45	X															
ICV 460-87472/7-A	1		20:47	X															
ICB 460-87497/8	1		20:49	X															
ZZZZZZ			20:50																
LCSSRM 460-87472/11-A ^10	10	T	20:52	X															
ZZZZZZ			20:54																
460-31465-F-1-E DU	1	T	20:56	X															
460-31465-F-1-F MS	1	T	20:58	X															
ZZZZZZ			21:00																
MB 460-87472/10-A	1	T	21:03	X															
ZZZZZZ			21:05																
ZZZZZZ			21:08																
ZZZZZZ			21:10																
CCV 460-87472/8-A	1		21:12	X															
CCB 460-87497/20	1		21:13	X															
ZZZZZZ			21:16																
ZZZZZZ			21:18																
ZZZZZZ			21:20																
ZZZZZZ			21:22																
ZZZZZZ			21:24																
ZZZZZZ			21:26																
ZZZZZZ			21:28																
ZZZZZZ			21:30																
ZZZZZZ			21:33																
ZZZZZZ			21:35																
CCV 460-87472/8-A	1		21:36	X															
CCB 460-87497/32	1		21:38	X															
ZZZZZZ			21:40																
ZZZZZZ			21:42																
ZZZZZZ			21:44																
460-31552-4	1	T	21:46	X															
460-31552-5	1	T	21:49	X															
460-31465-F-1-D SD ^5	5	T	21:51	X															
CCV 460-87472/8-A	1		21:53	X															
CCB 460-87497/40	1		21:55	X															
ZZZZZZ			21:57																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

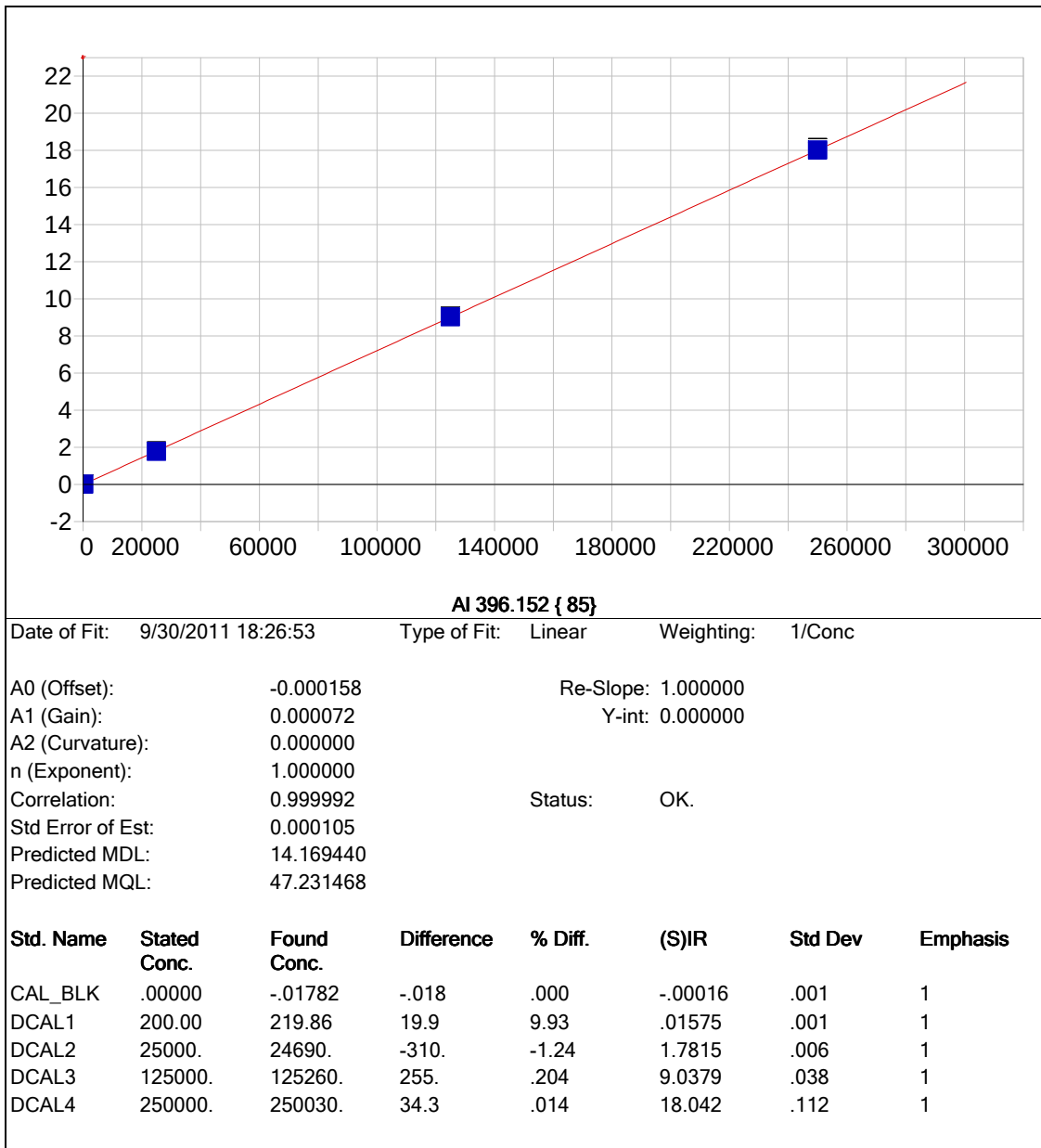
Instrument ID: LEEMAN5 Method: 7471A

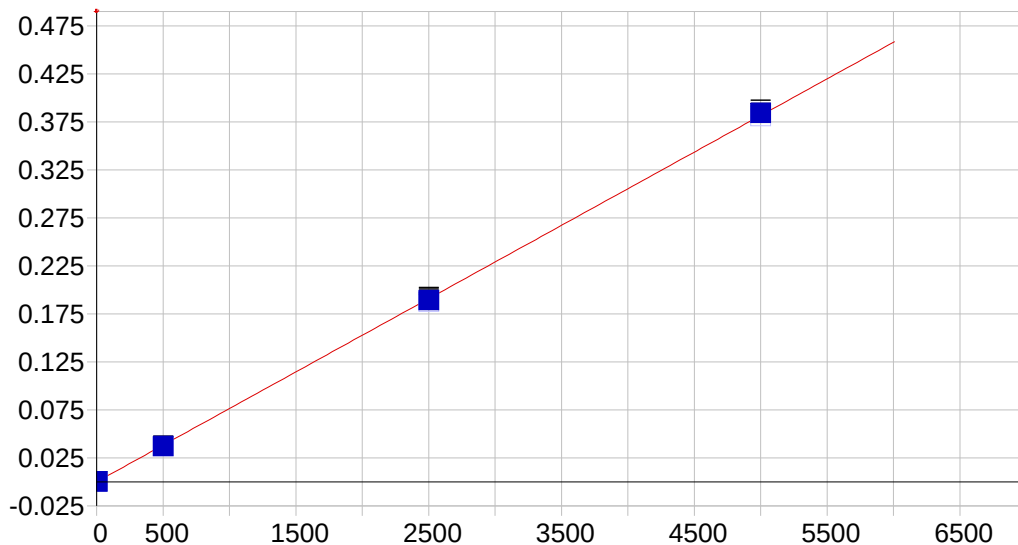
Start Date: 09/27/2011 20:34 End Date: 09/27/2011 22:35

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
ZZZZZZ			21:59																		
ZZZZZZ			22:01																		
ZZZZZZ			22:03																		
ZZZZZZ			22:05																		
ZZZZZZ			22:07																		
ZZZZZZ			22:09																		
ZZZZZZ			22:11																		
ZZZZZZ			22:13																		
ZZZZZZ			22:15																		
CCV 460-87472/8-A			22:17																		
CCB 460-87497/52			22:19																		
ZZZZZZ			22:21																		
ZZZZZZ			22:23																		
ZZZZZZ			22:25																		
ZZZZZZ			22:27																		
ZZZZZZ			22:30																		
ZZZZZZ			22:31																		
CCV 460-87472/8-A			22:33																		
CCB 460-87497/60			22:35																		

Prep Types

T = Total/NA



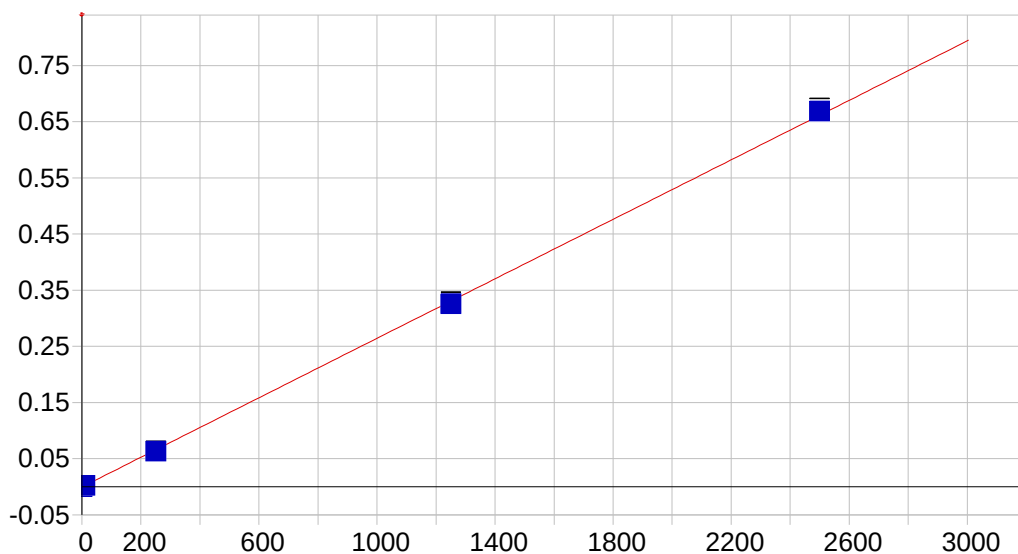


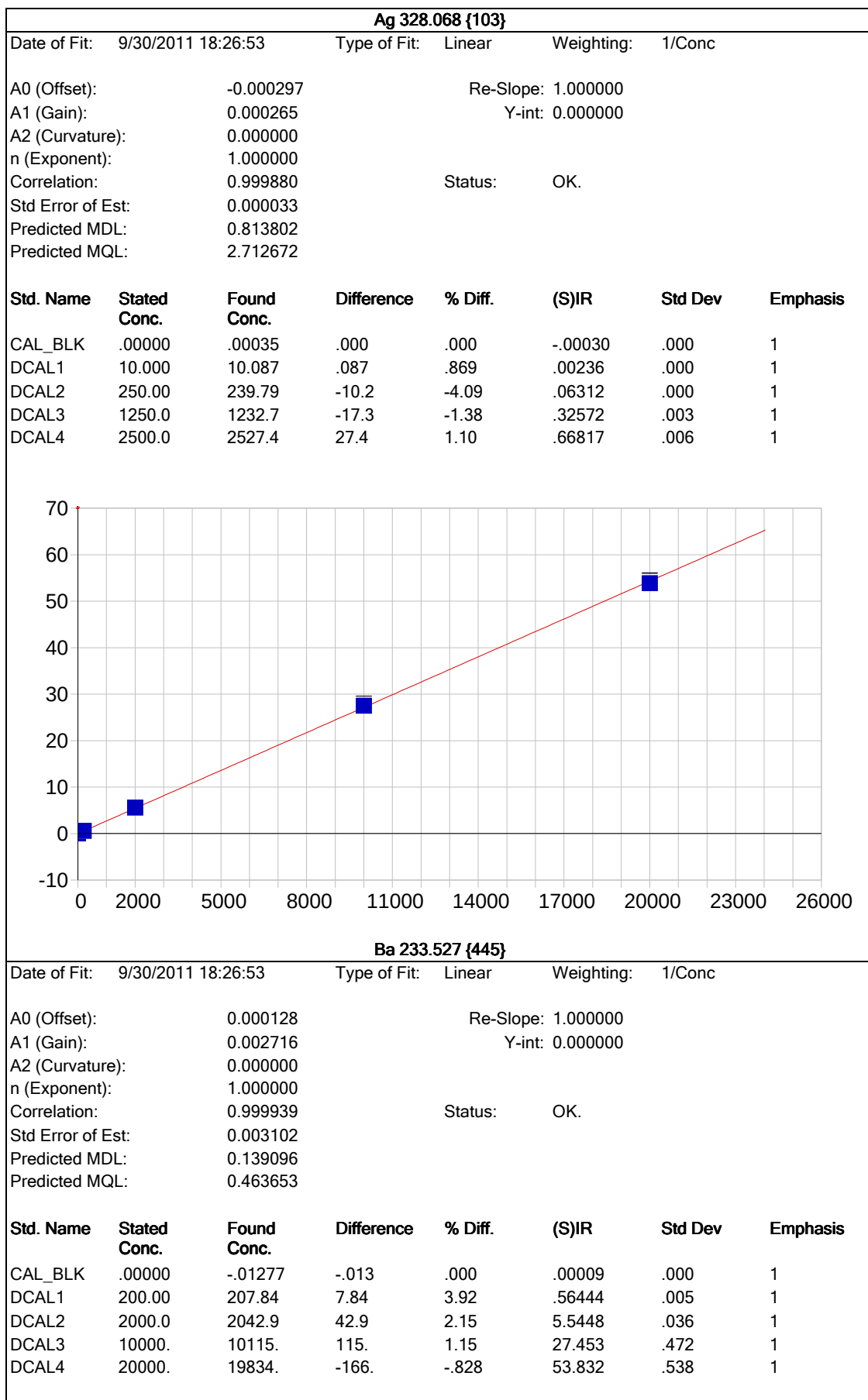
As 189.042 {478}

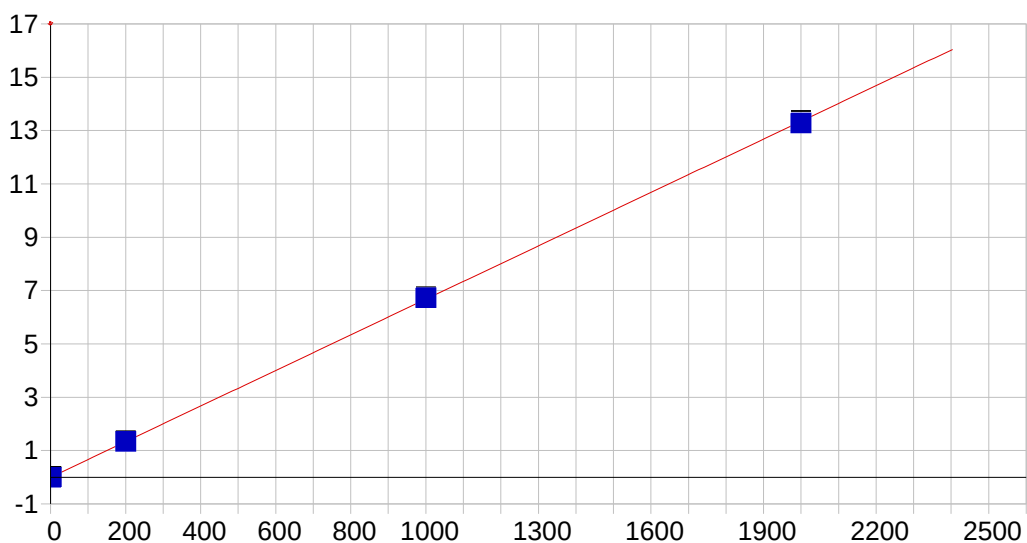
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000100 Re-Slope: 1.000000
 A1 (Gain): 0.000076 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999943 Status: OK.
 Std Error of Est: 0.000007
 Predicted MDL: 2.448484
 Predicted MQL: 8.161615

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00095	.001	.000	.00010	.000	1
DCAL1	5.0000	4.1959	-.804	-16.1	.00042	.000	1
DCAL2	500.00	486.08	-13.9	-2.78	.03687	.000	1
DCAL3	2500.0	2480.9	-19.1	-.765	.18779	.003	1
DCAL4	5000.0	5033.8	33.8	.677	.38097	.003	1





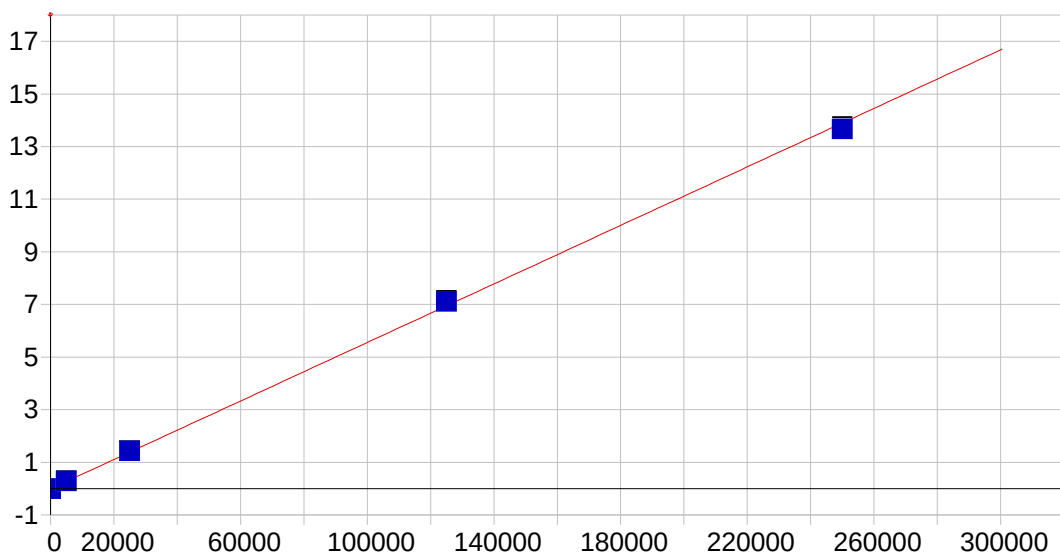


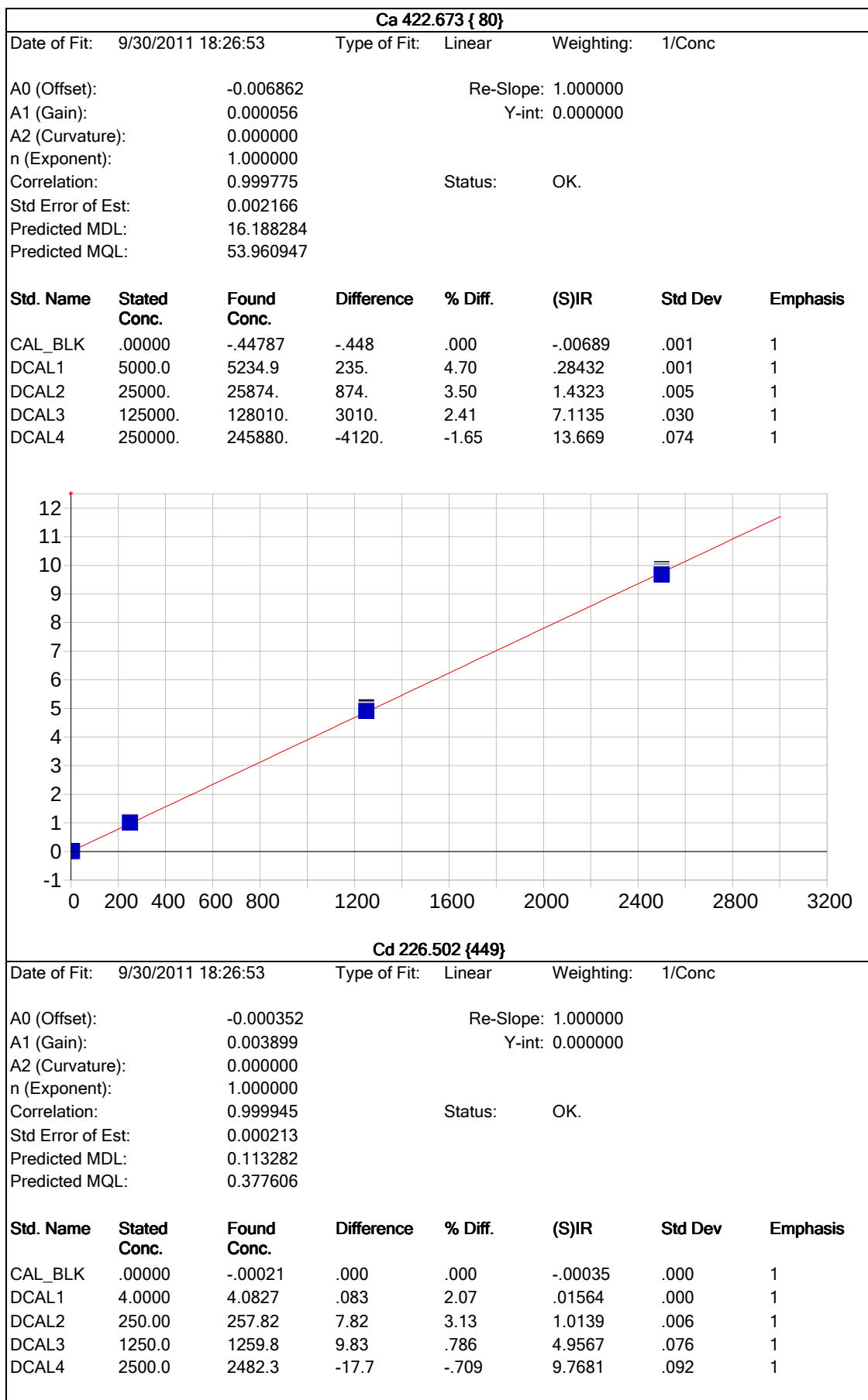
Be 313.042 {108}

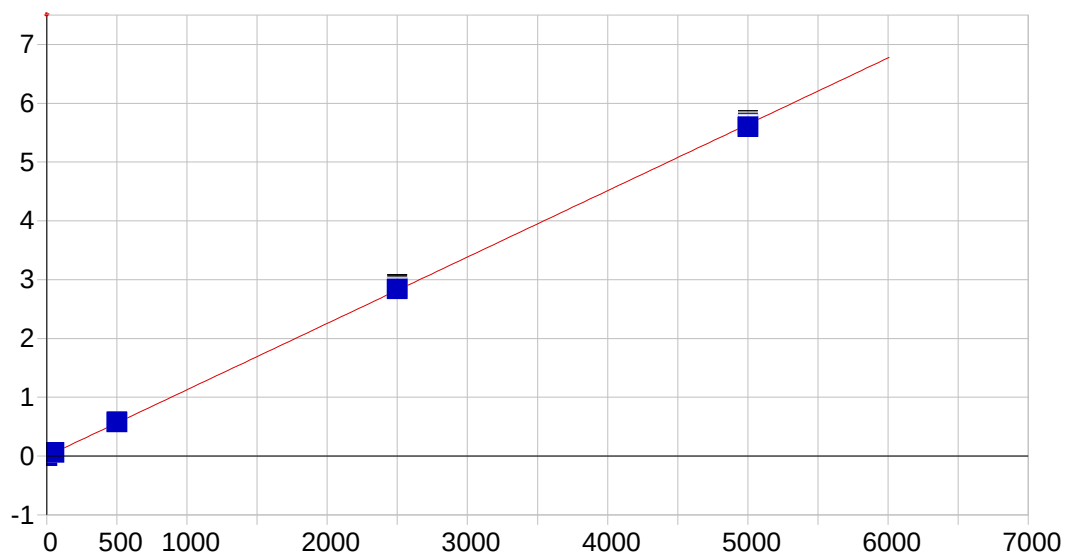
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000501 Re-Slope: 1.000000
 A1 (Gain): 0.006675 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999978 Status: OK.
 Std Error of Est: 0.000144
 Predicted MDL: 0.113009
 Predicted MQL: 0.376697

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00013	.000	.000	-.00050	.001	1
DCAL1	2.0000	2.1087	.109	5.43	.01358	.001	1
DCAL2	200.00	201.65	1.65	.827	1.3459	.004	1
DCAL3	1000.0	1008.3	8.33	.833	6.7318	.026	1
DCAL4	2000.0	1989.9	-10.1	-.505	13.286	.080	1





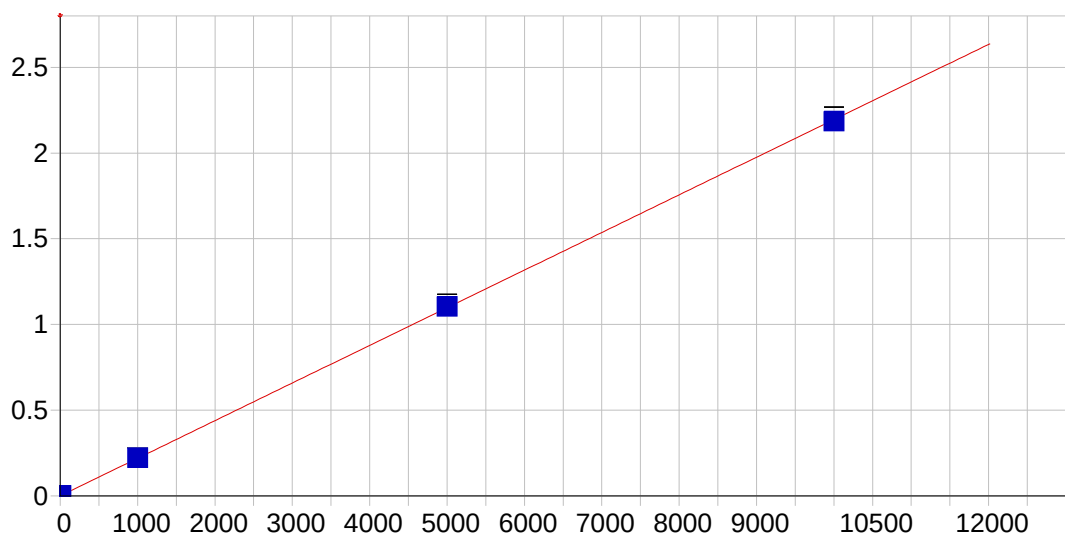


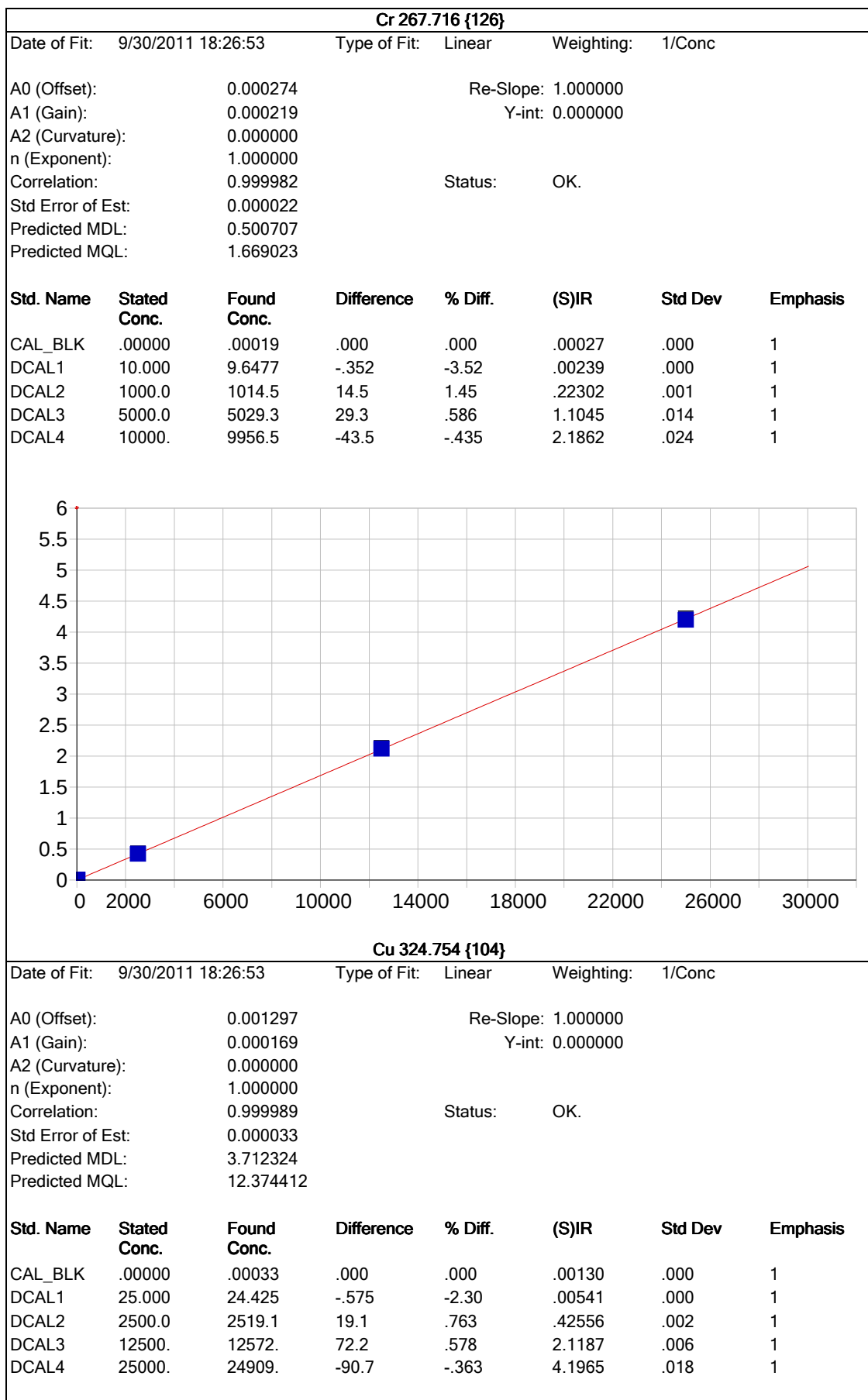
Co 228.616 {447}

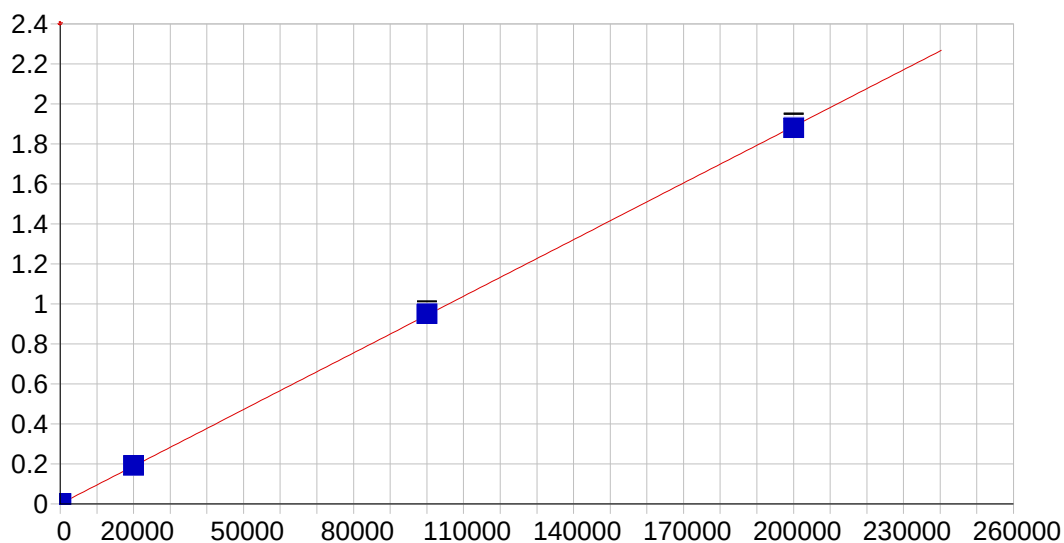
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000463 Re-Slope: 1.000000
 A1 (Gain): 0.001129 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999938 Status: OK.
 Std Error of Est: 0.000328
 Predicted MDL: 0.330811
 Predicted MQL: 1.102704

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00405	-.004	.000	-.00047	.000	1
DCAL1	50.000	52.548	2.55	5.10	.05883	.000	1
DCAL2	500.00	514.65	14.6	2.93	.58494	.004	1
DCAL3	2500.0	2520.6	20.6	.824	2.8671	.051	1
DCAL4	5000.0	4962.2	-37.8	-.755	5.6456	.059	1





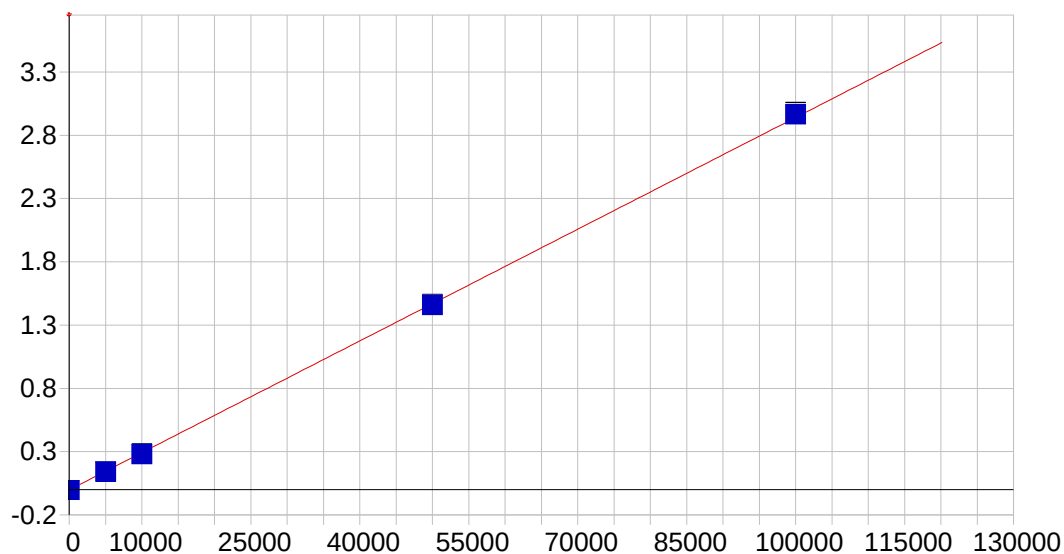


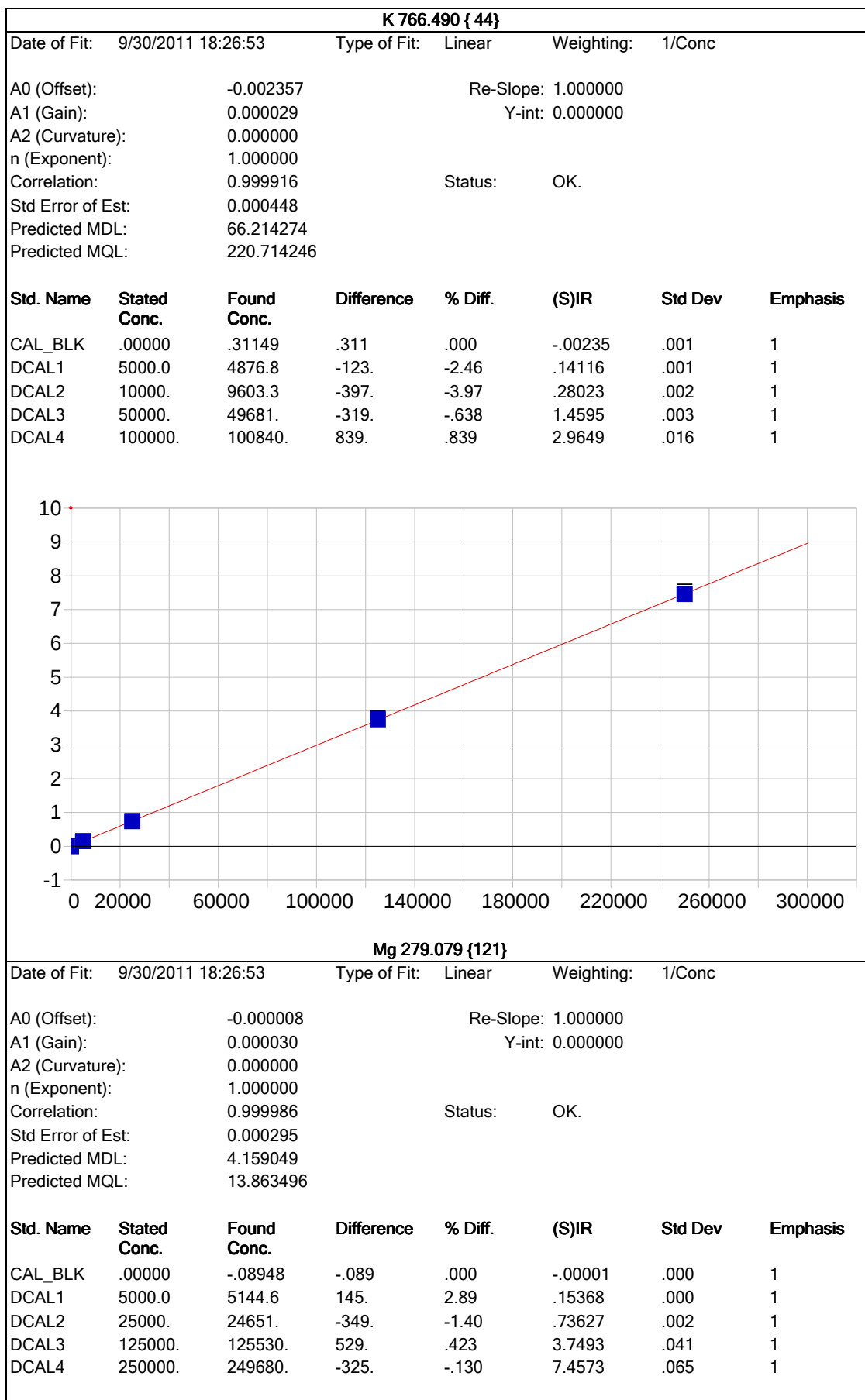
Fe 271.441 {124}

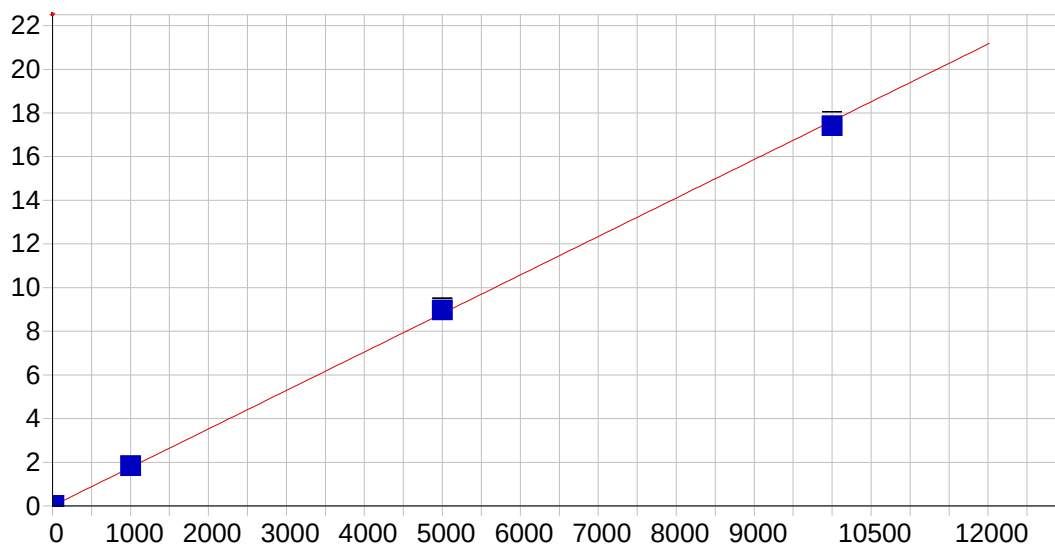
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000126 Re-Slope: 1.000000
 A1 (Gain): 0.000009 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999982 Status: OK.
 Std Error of Est: 0.000016
 Predicted MDL: 11.892735
 Predicted MQL: 39.642451

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	.00771	.008	.000	.00013	.000	1
DCAL1	150.00	140.08	-9.92	-6.62	.00149	.000	1
DCAL2	20000.	20259.	259.	1.29	.19181	.000	1
DCAL3	100000.	100620.	618.	.618	.95217	.012	1
DCAL4	200000.	199130.	-867.	-.433	1.8844	.020	1





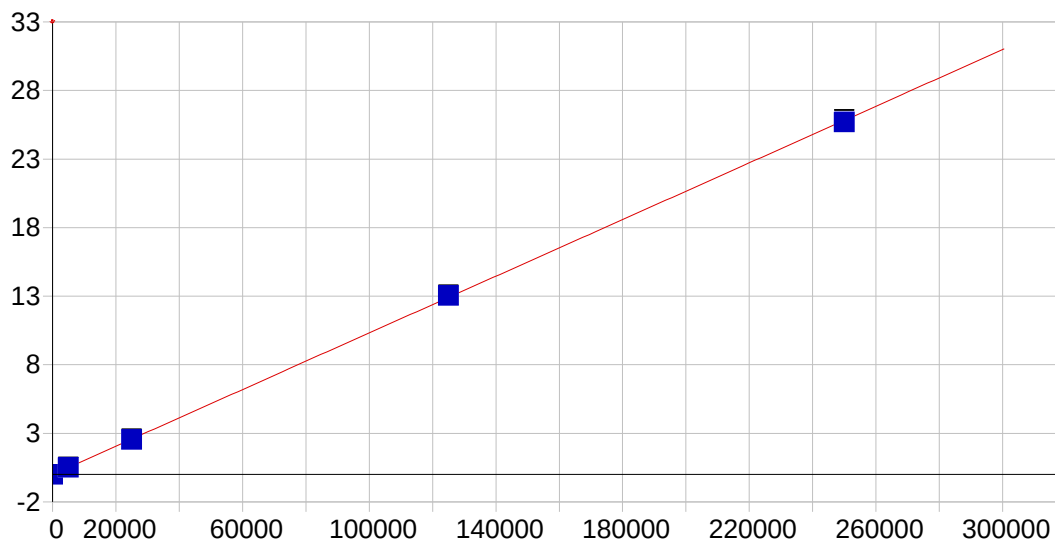


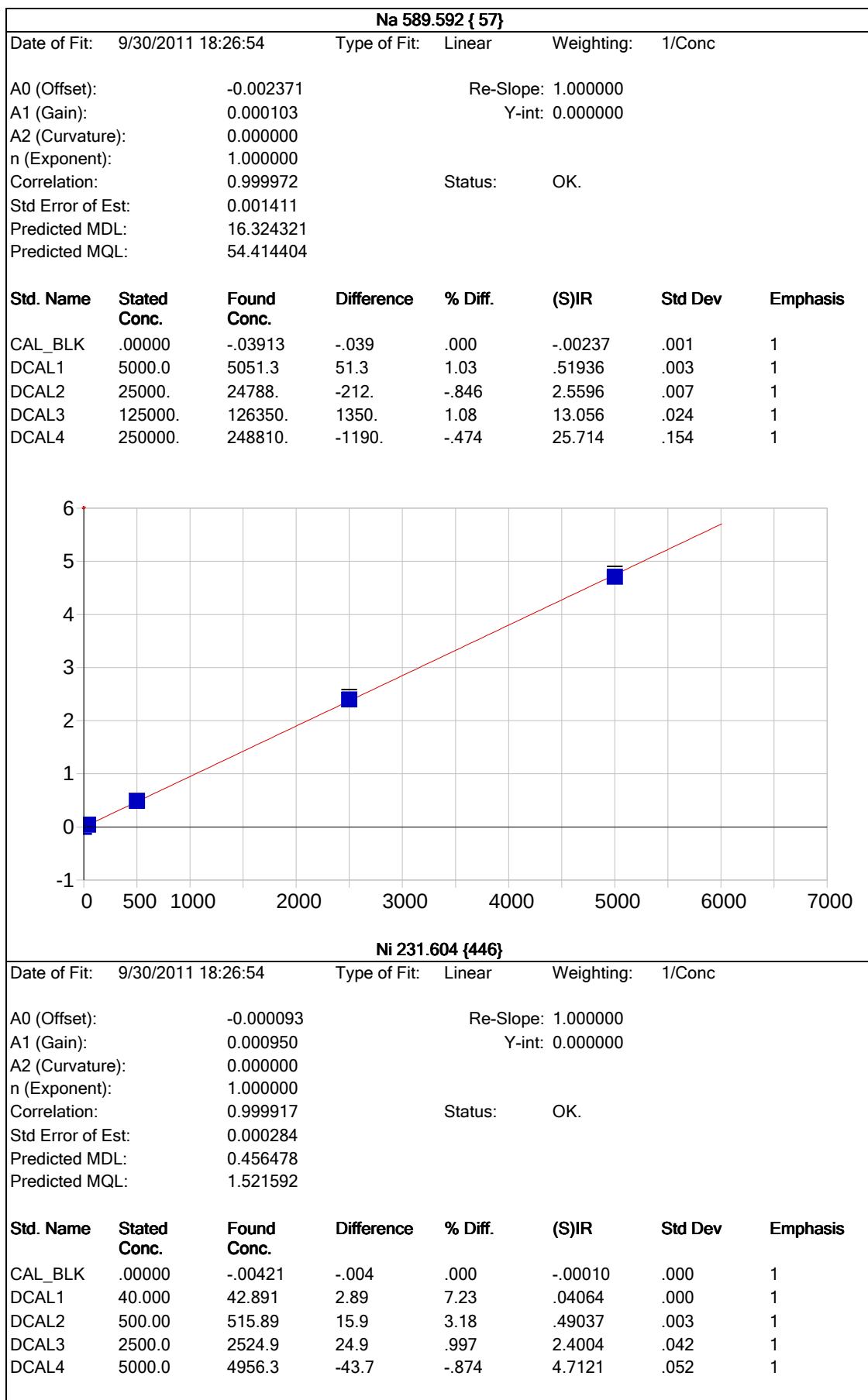
Mn 257.610 {131}

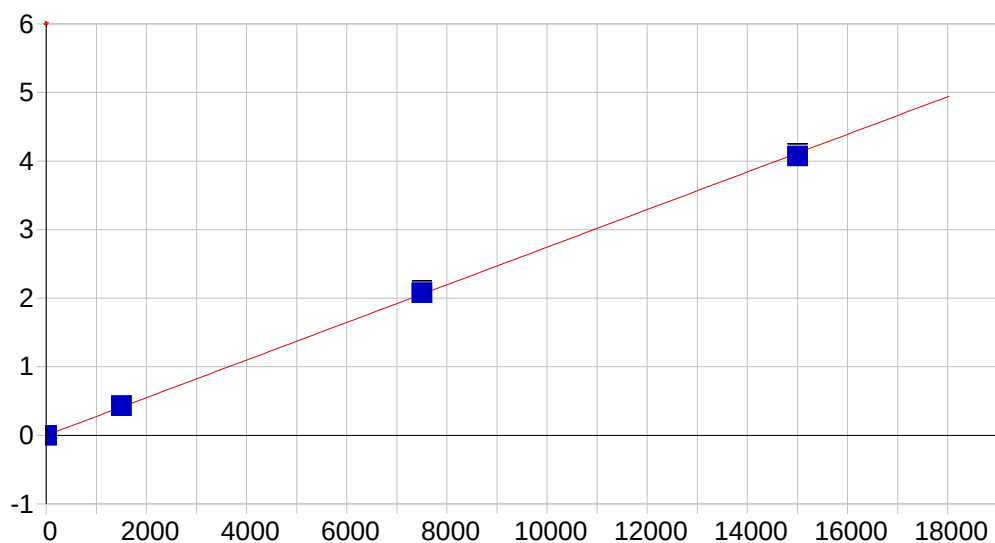
Date of Fit: 9/30/2011 18:26:53 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000148 Re-Slope: 1.000000
 A1 (Gain): 0.001763 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999867 Status: OK.
 Std Error of Est: 0.000575
 Predicted MDL: 0.076001
 Predicted MQL: 0.253337

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00163	-.002	.000	.00015	.000	1
DCAL1	15.000	16.026	1.03	6.84	.02844	.000	1
DCAL2	1000.0	1035.4	35.4	3.54	1.8255	.008	1
DCAL3	5000.0	5085.3	85.3	1.71	8.9652	.098	1
DCAL4	10000.	9878.3	-122.	-1.22	17.415	.190	1





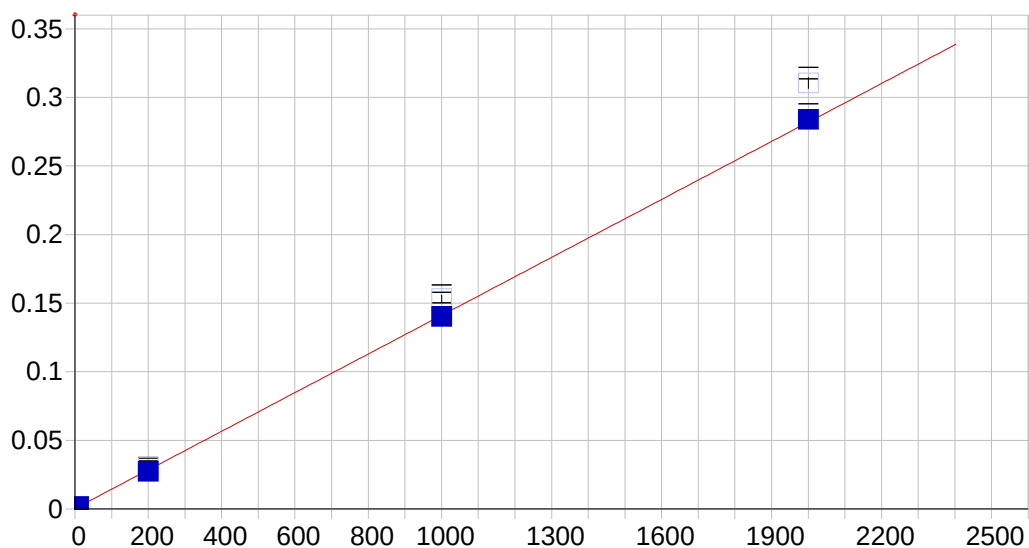


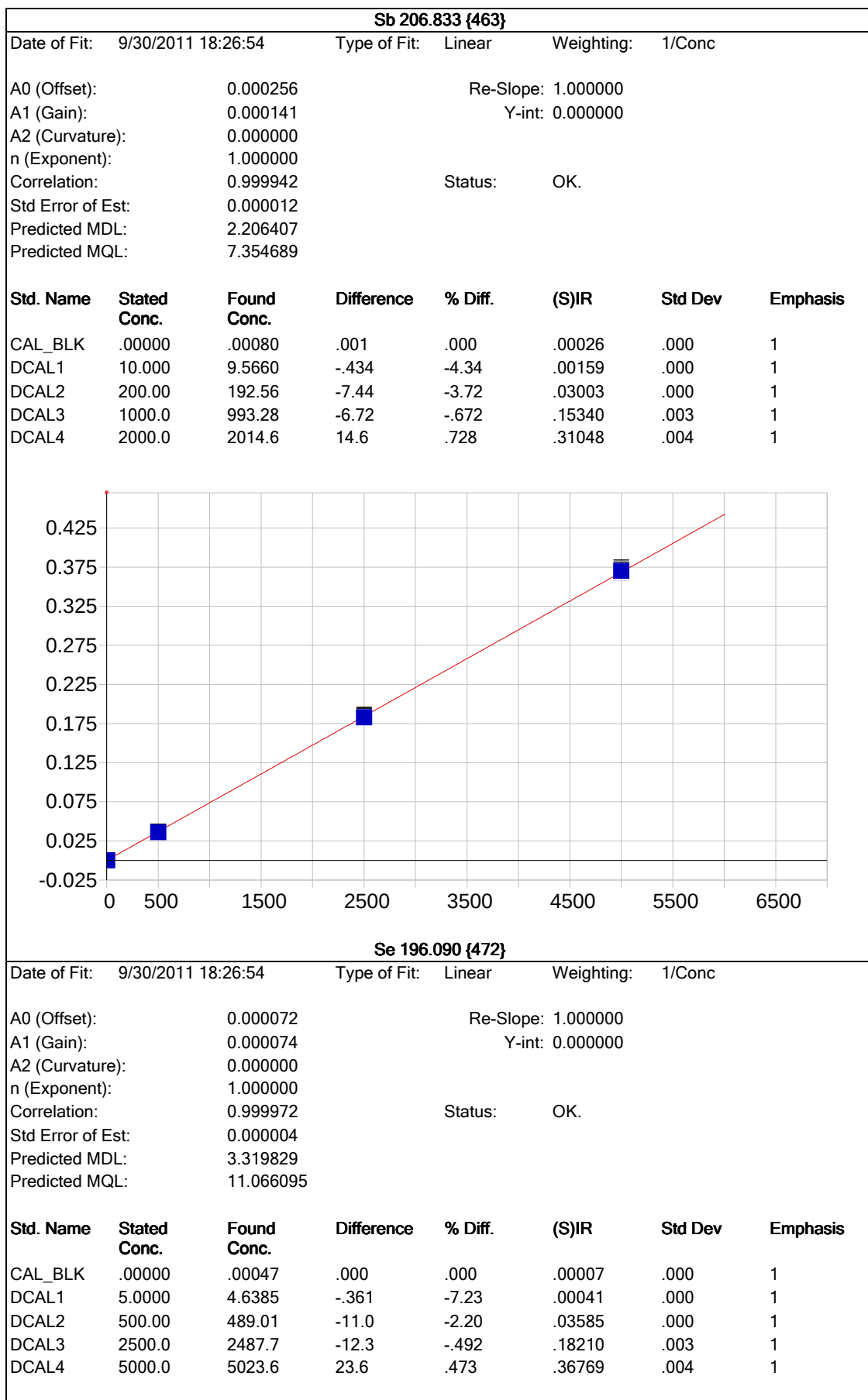
Pb 220.353 {453}

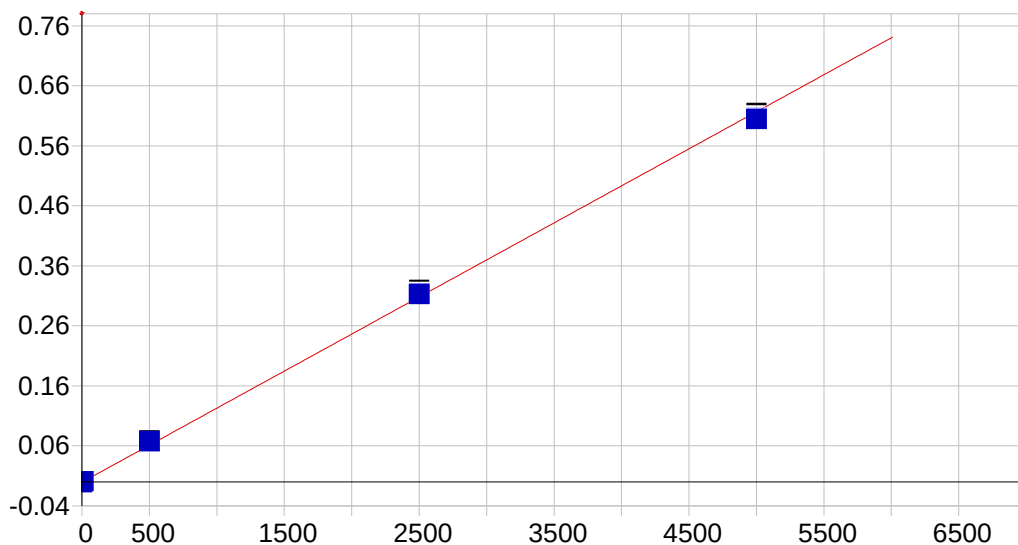
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000499 Re-Slope: 1.000000
 A1 (Gain): 0.000274 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999869 Status: OK.
 Std Error of Est: 0.000063
 Predicted MDL: 1.535625
 Predicted MQL: 5.118751

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00023	.000	.000	.00050	.001	1
DCAL1	5.0000	4.9761	-.024	-.479	.00186	.000	1
DCAL2	1500.0	1575.1	75.1	5.01	.43240	.002	1
DCAL3	7500.0	7581.8	81.8	1.09	2.0794	.030	1
DCAL4	15000.	14843.	-157.	-1.05	4.0704	.037	1





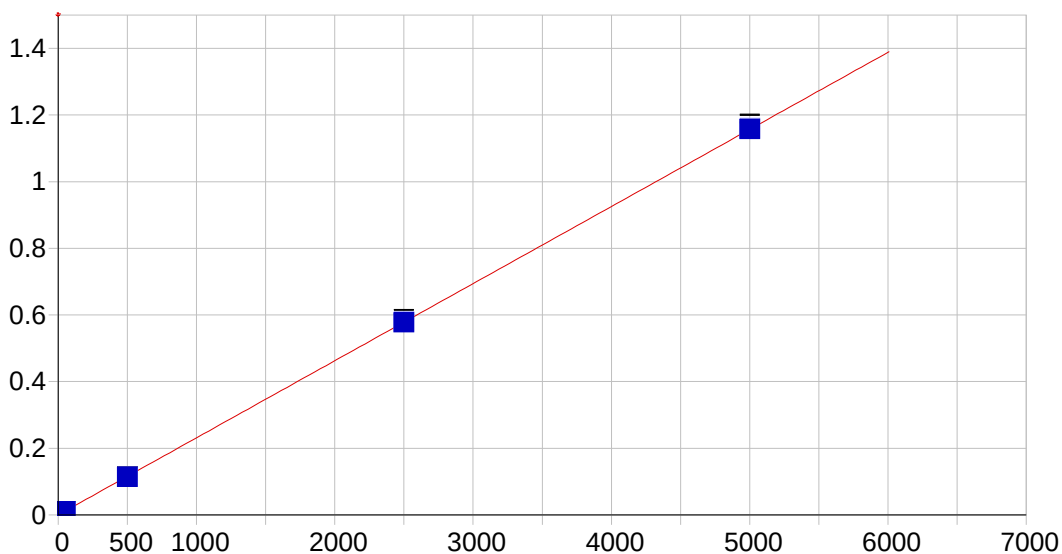


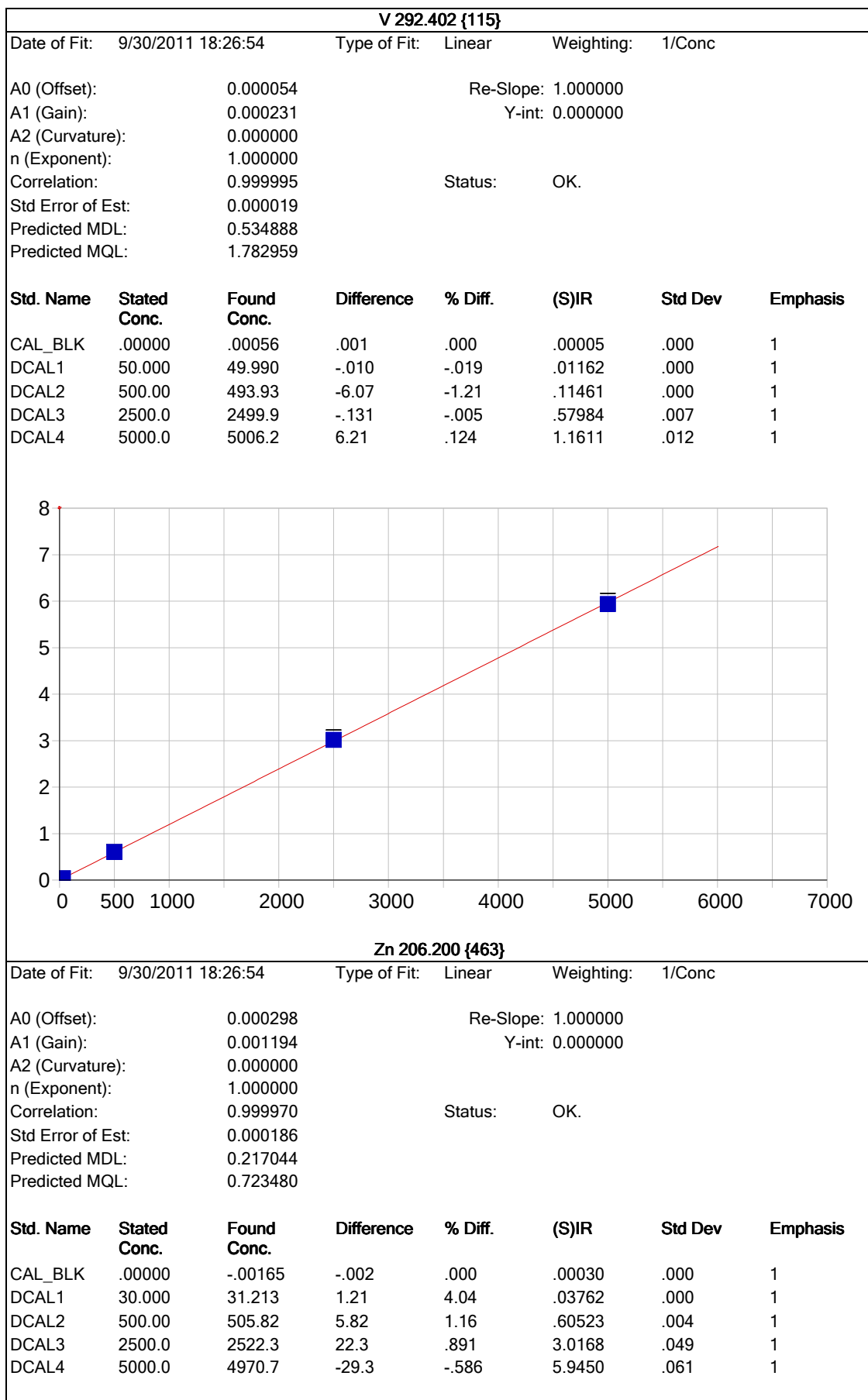
TI 190.856 {477}

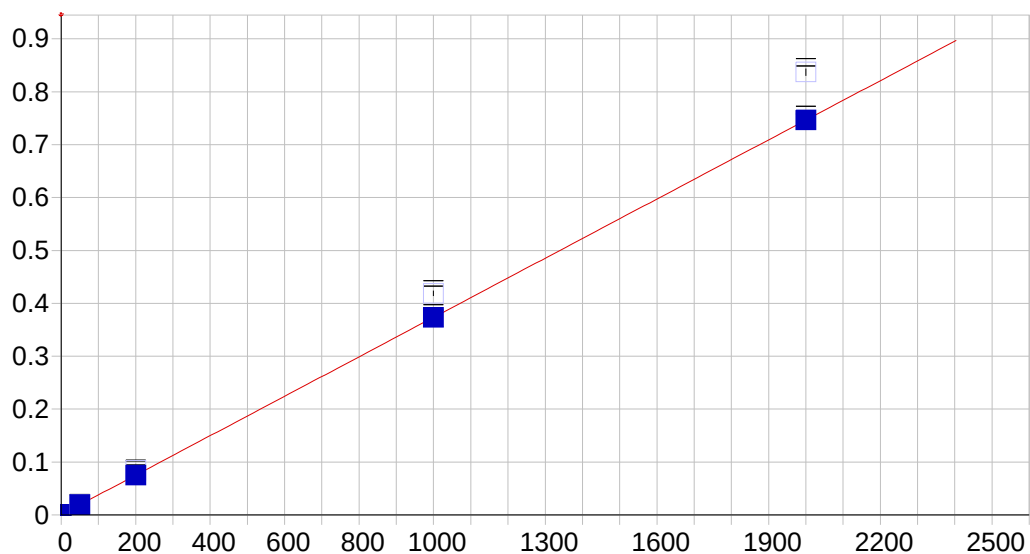
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.000499 Re-Slope: 1.000000
 A1 (Gain): 0.000123 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999309 Status: OK.
 Std Error of Est: 0.000053
 Predicted MDL: 2.113104
 Predicted MQL: 7.043681

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00670	-.007	.000	-.00050	.000	1
DCAL1	10.000	15.697	5.70	57.0	.00148	.000	1
DCAL2	500.00	552.20	52.2	10.4	.06786	.001	1
DCAL3	2500.0	2538.5	38.5	1.54	.31384	.005	1
DCAL4	5000.0	4903.5	-96.5	-1.93	.60678	.007	1





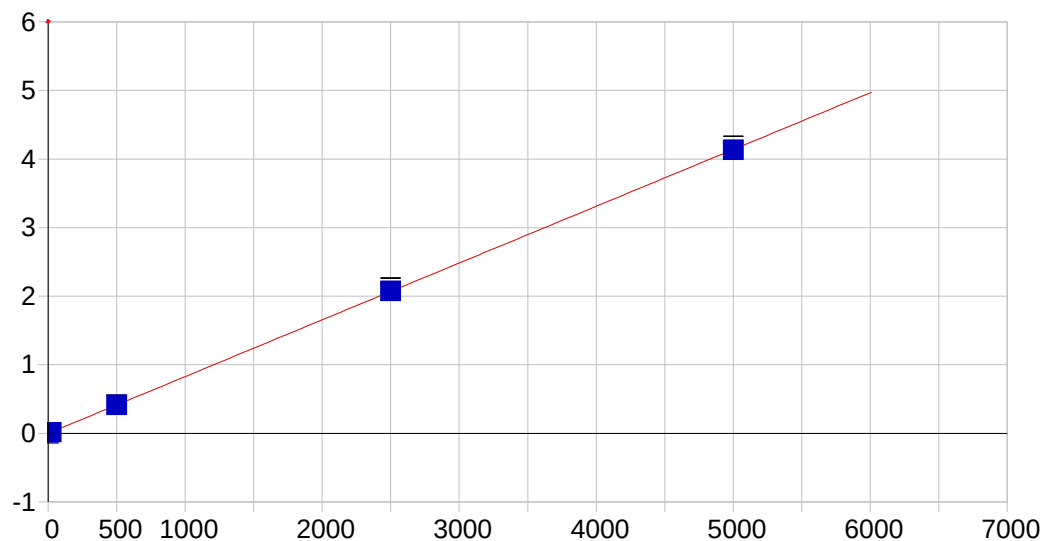


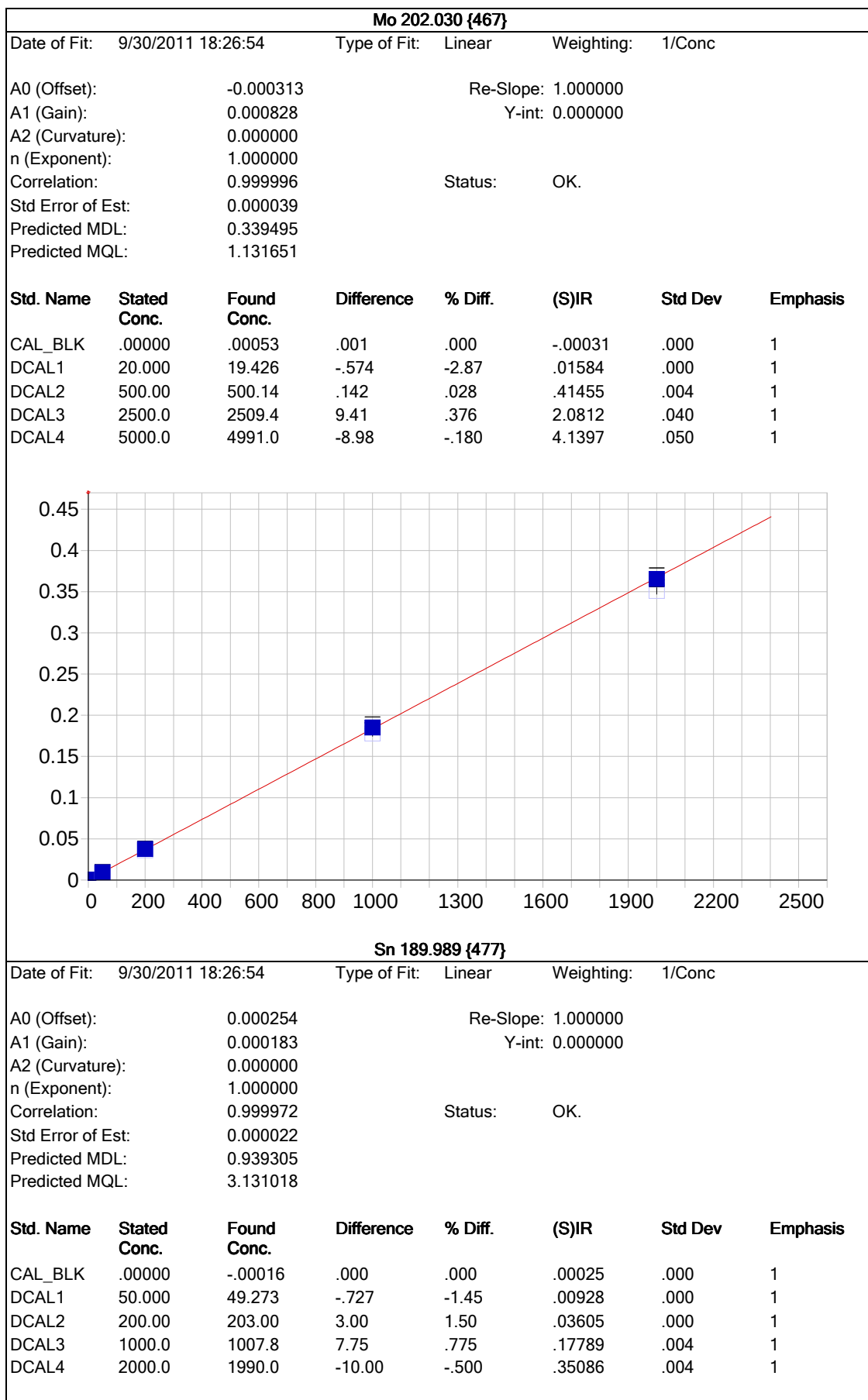
B 208.959 {461}

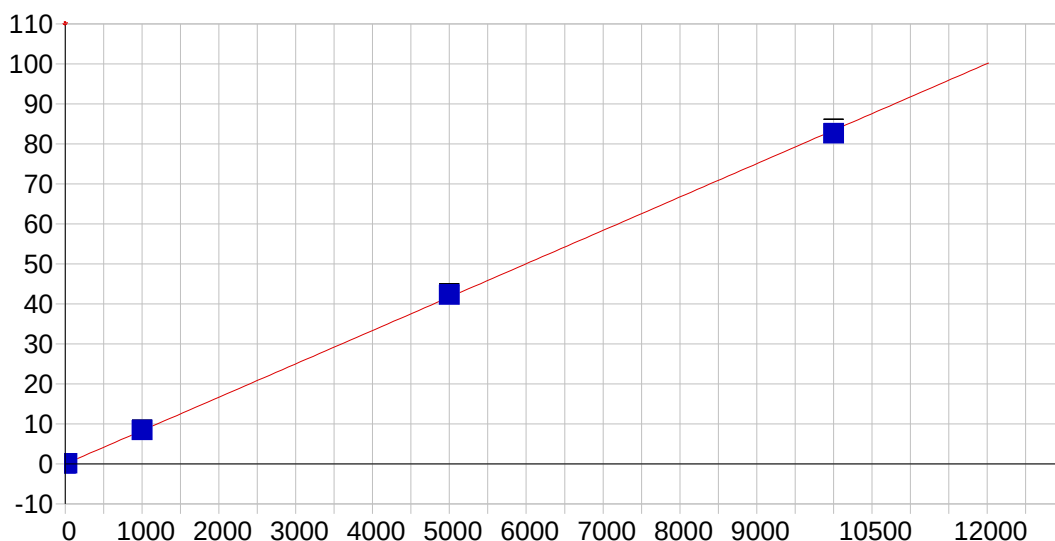
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): 0.000549 Re-Slope: 1.000000
 A1 (Gain): 0.000373 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 1.000000 Status: OK.
 Std Error of Est: 0.000006
 Predicted MDL: 0.771836
 Predicted MQL: 2.572785

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00001	.000	.000	.00055	.000	1
DCAL1	50.000	50.165	.165	.331	.01963	.000	1
DCAL2	200.00	199.30	-.699	-.349	.08393	.001	1
DCAL3	1000.0	1000.3	.273	.027	.41887	.005	1
DCAL4	2000.0	2000.3	.275	.014	.83710	.007	1





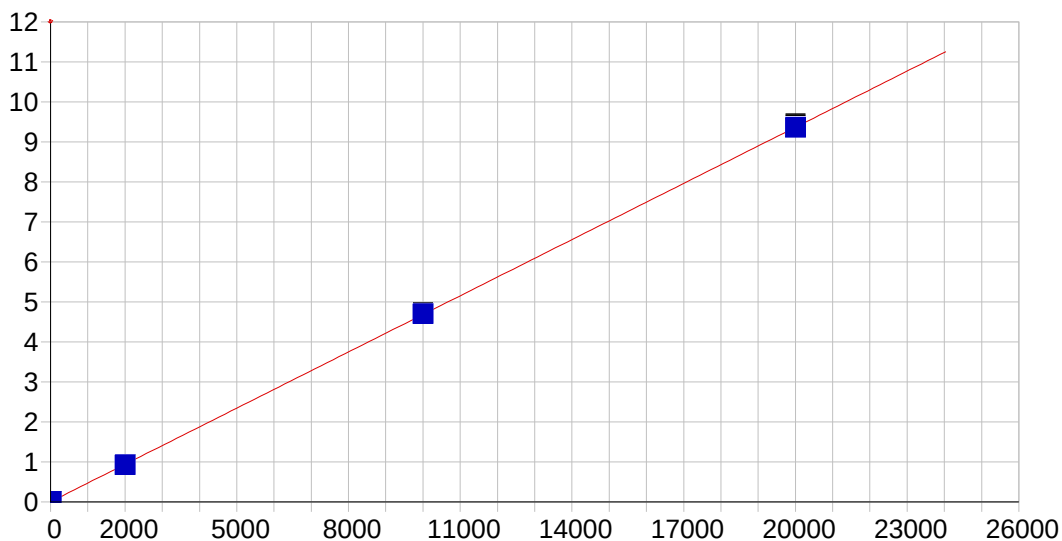


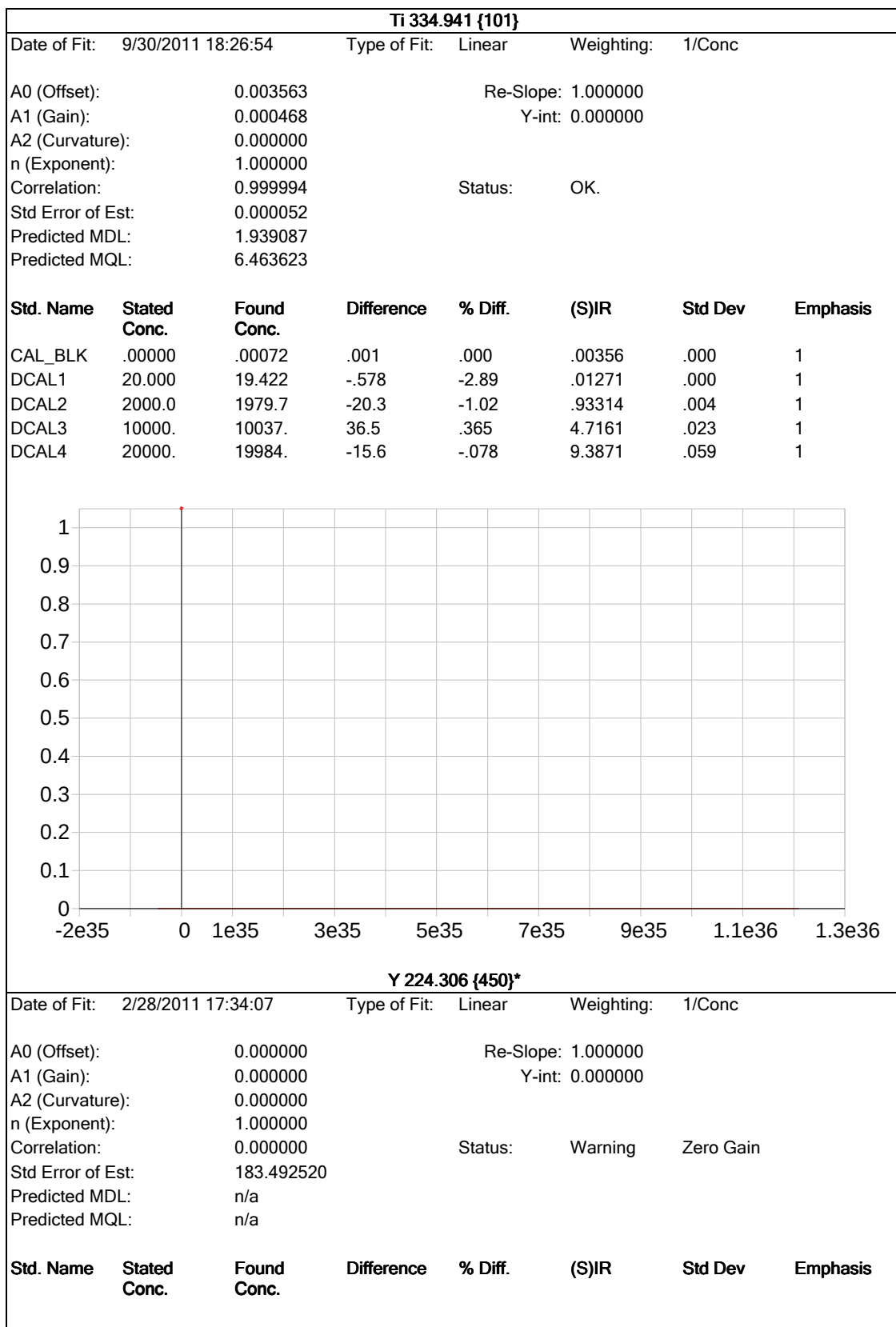
Sr 407.771 { 83}

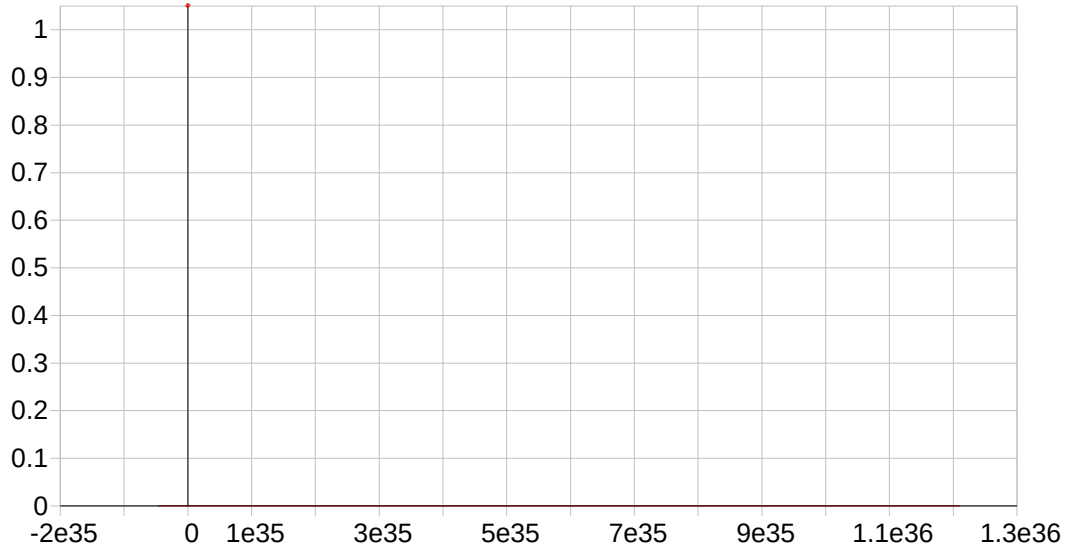
Date of Fit: 9/30/2011 18:26:54 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset): -0.002960 Re-Slope: 1.000000
 A1 (Gain): 0.008340 Y-int: 0.000000
 A2 (Curvature): 0.000000
 n (Exponent): 1.000000
 Correlation: 0.999935 Status: OK.
 Std Error of Est: 0.002189
 Predicted MDL: 0.119987
 Predicted MQL: 0.399958

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
CAL_BLK	.00000	-.00061	-.001	.000	-.00297	.002	1
DCAL1	20.000	20.210	.210	1.05	.16617	.001	1
DCAL2	1000.0	1014.3	14.3	1.43	8.4590	.029	1
DCAL3	5000.0	5073.7	73.7	1.47	42.327	.213	1
DCAL4	10000.	9911.8	-88.2	-.882	82.692	.994	1





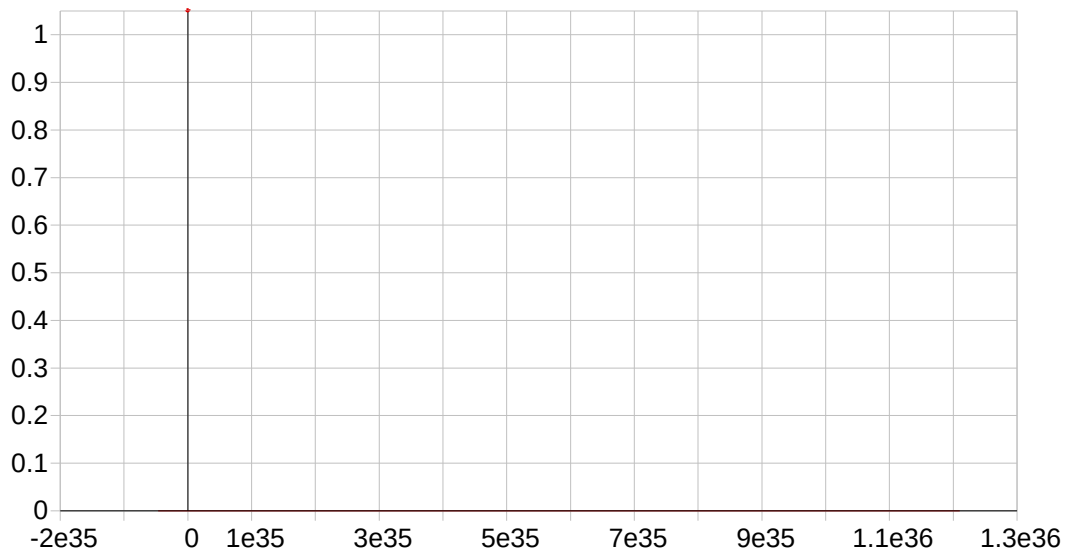


Y 360.073 { 94}*

Date of Fit: 5/4/2010 9:11:13 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 371.030 { 91}*

Date of Fit: 12/31/2010 16:51:17 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000			Status:	Warning	Zero Gain	
Std Error of Est:	192.759705						
Predicted MDL:	n/a						
Predicted MQL:	n/a						
Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

Sample Name: CAL_BLK Acquired: 9/30/2011 18:08:20 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0002	.0001	-.0003	.0001	-.0005	-.0069
Stddev	.0008	.0001	.0003	.0003	.0006	.0009
%RSD	502.6	138.6	95.88	326.0	112.5	13.09

#1	-.0009	.0000	-.0002	-.0002	-.0005	-.0079
#2	.0007	.0003	-.0001	.0004	-.0010	-.0061
#3	-.0002	.0000	-.0006	.0001	.0001	-.0066

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.0004	-.0005	.0003	.0013	.0001	-.0023
Stddev	.0002	.0002	.0001	.0005	.0001	.0007
%RSD	47.62	43.96	30.12	37.09	71.42	28.19

#1	-.0005	-.0003	.0002	.0008	.0001	-.0024
#2	-.0004	-.0007	.0002	.0015	.0001	-.0030
#3	-.0002	-.0004	.0004	.0017	.0002	-.0016

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0000	.0001	-.0024	-.0001	.0005	.0003
Stddev	.000	.0000	.0011	.0002	.0006	.0002
%RSD	110.3	21.89	45.92	204.3	117.3	92.21

#1	.0000	.0001	-.0012	-.0003	.0001	.0000
#2	.0000	.0002	-.0034	.0001	.0002	.0003
#3	.0000	.0001	-.0026	.0000	.0012	.0005

Sample Name: CAL_BLK Acquired: 9/30/2011 18:08:20 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0005	.0001	.0003	.0005	-.0003
Stddev	.0003	.0003	.0000	.0001	.0001	.0001
%RSD	474.7	58.91	32.58	27.14	15.73	38.36

#1	-.0003	-.0003	.0000	.0003	.0006	-.0004
#2	.0002	-.0008	.0001	.0004	.0004	-.0002
#3	.0004	-.0004	.0001	.0002	.0006	-.0003

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0003	-.0030	.0036
Stddev	.0001	.0020	.0005
%RSD	32.45	65.83	13.06

#1	.0002	-.0045	.0034
#2	.0003	-.0008	.0032
#3	.0002	-.0036	.0041

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2521.6	36555.	5389.3
Stddev	2.9	131.	6.8
%RSD	.11643	.35818	.12536

#1	2518.4	36704.	5390.9
#2	2522.2	36502.	5395.1
#3	2524.2	36458.	5381.9

Sample Name: DCAL1 Acquired: 9/30/2011 18:12:12 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0158	.0004	.0024	.5644	.0136	.2843
Stddev	.0006	.0002	.0001	.0046	.0010	.0014
%RSD	3.637	47.42	4.715	.8075	7.444	.4756

#1	.0155	.0003	.0025	.5675	.0145	.2843
#2	.0154	.0003	.0022	.5667	.0125	.2857
#3	.0164	.0007	.0024	.5592	.0137	.2830

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0156	.0588	.0024	.0054	.0015	.1412
Stddev	.0003	.0002	.0000	.0002	.0000	.0008
%RSD	1.858	.3582	.4066	3.719	2.623	.5408

#1	.0158	.0590	.0024	.0056	.0014	.1413
#2	.0153	.0589	.0024	.0053	.0015	.1403
#3	.0158	.0586	.0024	.0053	.0015	.1418

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1537	.0284	.5194	.0406	.0019	.0016
Stddev	.0005	.0001	.0026	.0004	.0002	.0003
%RSD	.2952	.2331	.5088	.9539	10.80	17.30

#1	.1534	.0284	.5222	.0409	.0021	.0015
#2	.1542	.0285	.5169	.0408	.0018	.0019
#3	.1534	.0284	.5190	.0402	.0017	.0014

Sample Name: DCAL1 Acquired: 9/30/2011 18:12:12 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0004	.0015	.0116	.0376	.0196	.0158
Stddev	.0001	.0002	.0001	.0000	.0003	.0004
%RSD	31.11	11.03	.6968	.1237	1.394	2.248

#1	.0005	.0014	.0115	.0376	.0197	.0161
#2	.0003	.0017	.0117	.0377	.0199	.0160
#3	.0005	.0013	.0117	.0376	.0193	.0154

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0093	.1662	.0127
Stddev	.0002	.0010	.0002
%RSD	2.422	.6300	1.910

#1	.0094	.1657	.0126
#2	.0095	.1674	.0130
#3	.0090	.1654	.0126

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2506.7	36150.	5392.3
Stddev	2.6	48.	9.0
%RSD	.10509	.13240	.16673

#1	2506.5	36204.	5381.9
#2	2509.4	36113.	5397.6
#3	2504.1	36132.	5397.5

Sample Name: DCAL2 Acquired: 9/30/2011 18:15:58 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.781	.0369	.0631	5.545	1.346	1.432
Stddev	.006	.0001	.0002	.035	.004	.005
%RSD	.3421	.2810	.3768	.6407	.2758	.3275

#1	1.775	.0370	.0628	5.577	1.342	1.429
#2	1.787	.0369	.0632	5.551	1.349	1.438
#3	1.782	.0368	.0633	5.506	1.346	1.430

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.014	.5849	.2230	.4256	.1918	.2802
Stddev	.006	.0040	.0007	.0023	.0004	.0018
%RSD	.5718	.6801	.3200	.5509	.2186	.6378

#1	1.019	.5877	.2236	.4232	.1920	.2799
#2	1.016	.5867	.2232	.4279	.1921	.2822
#3	1.007	.5804	.2222	.4256	.1913	.2786

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7363	1.825	2.560	.4904	.4324	.0300
Stddev	.0024	.008	.006	.0033	.0023	.0004
%RSD	.3270	.4559	.2559	.6664	.5239	1.211

#1	.7382	1.830	2.553	.4935	.4345	.0304
#2	.7370	1.831	2.566	.4907	.4327	.0301
#3	.7336	1.816	2.560	.4869	.4300	.0296

Sample Name: DCAL2 Acquired: 9/30/2011 18:15:58 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0359	.0679	.1146	.6052	.0839	.4145
Stddev	.0003	.0005	.0003	.0042	.0006	.0041
%RSD	.9750	.8024	.2502	.6906	.7111	.9812

#1	.0362	.0684	.1149	.6086	.0845	.4179
#2	.0359	.0678	.1145	.6065	.0840	.4157
#3	.0355	.0674	.1144	.6006	.0833	.4100

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.0360	8.459	.9331
Stddev	.0002	.029	.0038
%RSD	.6611	.3399	.4116

#1	.0363	8.432	.9287
#2	.0359	8.489	.9358
#3	.0359	8.456	.9348

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2458.1	35478.	5378.1
Stddev	7.7	157.	17.8
%RSD	.31285	.44291	.33068

#1	2449.3	35329.	5387.2
#2	2461.8	35463.	5357.6
#3	2463.3	35642.	5389.4

Sample Name: DCAL3 Acquired: 9/30/2011 18:19:34 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.038	.1878	.3257	27.45	6.732	7.113
Stddev	.038	.0028	.0031	.47	.026	.030
%RSD	.4169	1.510	.9522	1.721	.3867	.4194

#1	9.077	.1908	.3287	27.94	6.762	7.148
#2	9.034	.1875	.3259	27.42	6.715	7.092
#3	9.002	.1851	.3225	27.00	6.719	7.101

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.957	2.867	1.104	2.119	.9522	1.460
Stddev	.076	.051	.014	.006	.0119	.003
%RSD	1.530	1.793	1.242	.2665	1.249	.2204

#1	5.036	2.920	1.117	2.125	.9625	1.463
#2	4.950	2.865	1.106	2.116	.9548	1.457
#3	4.885	2.817	1.090	2.115	.9392	1.459

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.749	8.965	13.06	2.400	2.079	.1534
Stddev	.041	.098	.02	.042	.030	.0028
%RSD	1.087	1.092	.1847	1.742	1.430	1.815

#1	3.789	9.063	13.08	2.444	2.111	.1563
#2	3.752	8.966	13.04	2.396	2.075	.1531
#3	3.707	8.867	13.04	2.361	2.052	.1507

Sample Name: DCAL3 Acquired: 9/30/2011 18:19:34 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1821	.3138	.5798	3.017	.4189	2.081
Stddev	.0028	.0054	.0069	.049	.0050	.040
%RSD	1.544	1.715	1.190	1.626	1.199	1.914

#1	.1853	.3194	.5863	3.067	.4241	2.120
#2	.1812	.3136	.5806	3.014	.4185	2.083
#3	.1799	.3086	.5726	2.969	.4140	2.041

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.1779	42.33	4.716
Stddev	.0037	.21	.023
%RSD	2.097	.5028	.4838

#1	.1817	42.57	4.741
#2	.1778	42.18	4.710
#3	.1742	42.23	4.697

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2308.4	33387.	5240.2
Stddev	19.7	192.	20.1
%RSD	.85228	.57564	.38276

#1	2285.7	33166.	5230.2
#2	2320.3	33483.	5263.3
#3	2319.2	33512.	5227.2

Sample Name: DCAL4 Acquired: 9/30/2011 18:23:03 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	18.04	.3810	.6682	53.83	13.29	13.67
Stddev	.11	.0031	.0055	.54	.08	.07
%RSD	.6189	.8244	.8257	1.000	.5989	.5402

#1	18.17	.3838	.6738	54.32	13.38	13.75
#2	17.99	.3816	.6680	53.92	13.23	13.61
#3	17.96	.3776	.6628	53.26	13.25	13.65

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.768	5.646	2.186	4.196	1.884	2.965
Stddev	.092	.059	.024	.018	.020	.016
%RSD	.9410	1.052	1.107	.4281	1.073	.5389

#1	9.851	5.696	2.211	4.217	1.905	2.981
#2	9.784	5.660	2.184	4.185	1.884	2.964
#3	9.669	5.580	2.163	4.188	1.865	2.949

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.457	17.41	25.71	4.712	4.070	.3105
Stddev	.065	.19	.15	.052	.037	.0042
%RSD	.8666	1.089	.5983	1.107	.9062	1.345

#1	7.497	17.62	25.89	4.756	4.103	.3138
#2	7.492	17.37	25.63	4.726	4.077	.3119
#3	7.383	17.25	25.62	4.654	4.031	.3058

Sample Name: DCAL4 Acquired: 9/30/2011 18:23:03 Type: Cal
Method: SW84609192011(v11) Mode: IR Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.3677	.6068	1.161	5.945	.8371	4.140
Stddev	.0041	.0073	.012	.061	.0071	.050
%RSD	1.105	1.199	1.016	1.023	.8527	1.219

#1	.3714	.6126	1.173	5.997	.8440	4.184
#2	.3683	.6092	1.161	5.959	.8376	4.151
#3	.3634	.5986	1.149	5.878	.8297	4.085

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	Cts/S	Cts/S	Cts/S
Avg	.3509	82.69	9.387
Stddev	.0042	.99	.059
%RSD	1.209	1.202	.6265

#1	.3546	83.82	9.454
#2	.3517	82.32	9.362
#3	.3462	81.94	9.345

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2207.1	32128.	5204.5
Stddev	7.6	206.	40.0
%RSD	.34496	.64162	.76901

#1	2199.1	31898.	5160.4
#2	2208.1	32190.	5238.5
#3	2214.2	32295.	5214.6

Sample Name: ICV Acquired: 9/30/2011 18:27:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125000.	2504.	1242.	10130.	998.3	127000.
Stddev	326.	8.	2.	13.	3.8	553.
%RSD	.2611	.3380	.1334	.1292	.3763	.4358

#1	124600.	2510.	1243.	10130.	994.0	126300.
#2	125300.	2495.	1241.	10120.	1000.	127400.
#3	125100.	2508.	1244.	10140.	1001.	127200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1272.	2514.	5055.	12510.	100700.	49380.
Stddev	2.	4.	8.	58.	190.	164.
%RSD	.1272	.1687	.1581	.4632	.1885	.3315

#1	1271.	2517.	5057.	12450.	100800.	49440.
#2	1270.	2509.	5046.	12560.	100500.	49510.
#3	1273.	2516.	5061.	12530.	100800.	49200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/30/2011 18:27:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125900.	5133.	123300.	2552.	7607.	1021.
Stddev	273.	17.	250.	4.	6.	3.
%RSD	.2168	.3234	.2024	.1495	.0770	.3382

#1	125800.	5122.	123000.	2555.	7610.	1024.
#2	125700.	5125.	123500.	2548.	7600.	1017.
#3	126200.	5152.	123200.	2553.	7611.	1021.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2471.	2574.	2491.	2510.	1012.	2522.
Stddev	8.	3.	6.	6.	.	3.
%RSD	.3108	.1121	.2579	.2251	.0410	.1358

#1	2479.	2577.	2495.	2512.	1012.	2526.
#2	2463.	2571.	2483.	2504.	1011.	2519.
#3	2471.	2575.	2493.	2515.	1012.	2522.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: ICV Acquired: 9/30/2011 18:27:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1004.	5059.	9919.
Stddev	4.	25.	30.
%RSD	.3576	.4975	.2994

#1	1004.	5030.	9888.
#2	1000.	5075.	9948.
#3	1007.	5072.	9920.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2338.6	33647.	5297.1
Stddev	3.3	71.	32.5
%RSD	.14324	.21186	.61410

#1	2337.5	33688.	5329.7
#2	2342.3	33689.	5297.0
#3	2335.9	33565.	5264.7

Sample Name: CCB Acquired: 9/30/2011 18:30:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.320	-1.434	.6628	.3290	-.0043	-11.80
Stddev	23.30	1.386	.4441	.1011	.0338	5.10
%RSD	539.4	96.65	67.01	30.74	781.9	43.21

#1	31.01	-2.947	.2356	.4455	-.0293	-5.954
#2	-12.00	-1.132	.6307	.2772	-.0179	-15.32
#3	-6.051	-.2241	1.122	.2642	.0342	-14.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0544	.1173	-.6508	-2.066	-2.538	-17.55
Stddev	.0497	.0782	.3497	1.099	3.727	35.29
%RSD	91.27	66.70	53.74	53.22	146.8	201.0

#1	.0962	.1030	-.3515	-2.584	.1134	-18.95
#2	-.0005	.0471	-1.035	-2.810	-.9281	18.41
#3	.0676	.2016	-.5657	-.8029	-6.800	-52.12

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 18:30:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.719	.1159	48.51	-.2567	.0358	3.363
Stddev	4.689	.0625	5.91	.4396	.7707	1.135
%RSD	172.4	53.94	12.18	171.2	2154.	33.76

#1	6.102	.1847	53.27	-.0163	.8796	3.266
#2	-2.633	.0627	41.89	.0102	-.6310	2.279
#3	4.688	.1001	50.38	-.7641	-.1412	4.544

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.341	1.890	-.0704	.3828	2.847	5.333
Stddev	1.110	1.050	.4677	.0477	.830	.168
%RSD	25.56	55.55	664.5	12.45	29.13	3.143

#1	3.099	.6838	-.6067	.3316	3.524	5.256
#2	4.691	2.598	.2529	.3911	3.095	5.526
#3	5.234	2.388	.1427	.4259	1.922	5.218

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 18:30:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0906	.2324	2.553
Stddev	.2343	.2145	2.508
%RSD	258.6	92.30	98.26

#1	.0211	.4462	-.3100
#2	.0670	.2337	3.603
#3	-.3599	.0172	4.365

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2547.2	37230.	5396.6
Stddev	4.1	109.	37.1
%RSD	.16284	.29245	.68761

#1	2551.3	37160.	5377.7
#2	2547.3	37355.	5439.3
#3	2543.0	37174.	5372.6

Sample Name: ICSA 1165859 Acquired: 9/30/2011 18:34:23 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	502600.	-1.103	.7282	.4153	-.1203	461400.
Stddev	1353.	3.299	.3215	.0634	.0529	1059.
%RSD	.2692	299.0	44.14	15.26	44.01	.2295

#1	504000.	.7445	.6103	.4390	-.1802	462500.
#2	501300.	-4.911	.4824	.4633	-.1006	461400.
#3	502600.	.8578	1.092	.3434	-.0800	460300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4183	-.7066	-.6366	-5.349	198100.	-177.4
Stddev	.0543	.0729	.2867	3.944	2052.	5.5
%RSD	12.98	10.31	45.04	73.73	1.036	3.109

#1	-.4741	-.7819	-.3694	-4.430	200400.	-171.0
#2	-.3657	-.7012	-.9394	-1.946	197500.	-180.1
#3	-.4150	-.6365	-.6010	-9.671	196500.	-181.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: IC5A 1165859 Acquired: 9/30/2011 18:34:23 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	511800.	-.0800	-93.97	-.8110	-1.206	-.4753
Stddev	3986.	.1063	8.17	.5126	2.591	1.235
%RSD	.7789	132.9	8.691	63.21	214.8	259.8

#1	516100.	.0158	-85.13	-.6297	-2.196	.5637
#2	510800.	-.0614	-101.2	-1.390	-3.156	-.1495
#3	508300.	-.1945	-95.55	-.4136	1.734	-1.840

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0848	4.529	-2.125	-.3629	4.921	-2.776
Stddev	4.427	2.781	.583	.3292	1.365	.293
%RSD	5221.	61.41	27.46	90.72	27.74	10.56

#1	4.687	1.424	-1.815	.0060	6.175	-2.855
#2	-4.060	5.371	-2.797	-.6268	5.121	-2.452
#3	-.8812	6.792	-1.761	-.4678	3.467	-3.022

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSA 1165859 Acquired: 9/30/2011 18:34:23 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2704	-4.124	-.2798
Stddev	.2156	.059	2.386
%RSD	79.73	1.429	852.8

#1	.0298	-4.060	-2.983
#2	.4462	-4.136	.6086
#3	.3353	-4.177	1.535

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2283.1	31847.	5208.3
Stddev	2.6	249.	4.7
%RSD	.11500	.78197	.09110

#1	2285.3	31564.	5203.3
#2	2283.8	31945.	5208.9
#3	2280.2	32033.	5212.7

Sample Name: ICSAB 1165868 Acquired: 9/30/2011 18:38:15 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	511100.	97.61	107.2	101.7	100.6	466400.
Stddev	2836.	4.09	.7	.5	.4	2899.
%RSD	.5549	4.192	.6417	.5290	.3579	.6215

#1	514300.	98.17	108.0	102.1	101.0	469700.
#2	509600.	101.4	107.0	102.0	100.5	464600.
#3	509300.	93.27	106.6	101.1	100.3	464800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	97.23	96.56	102.3	97.76	201700.	10300.
Stddev	.18	.12	1.7	1.28	2229.	48.
%RSD	.1856	.1238	1.673	1.313	1.105	.4619

#1	97.33	96.45	104.1	97.53	204000.	10330.
#2	97.33	96.56	102.2	96.61	201500.	10330.
#3	97.02	96.69	100.7	99.14	199600.	10250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/30/2011 18:38:15 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	522500.	103.1	10510.	95.61	96.15	98.37
Stddev	6865.	1.0	62.	.11	2.67	.27
%RSD	1.314	1.009	.5897	.1132	2.780	.2752

#1	530300.	104.3	10580.	95.49	97.99	98.52
#2	517600.	102.8	10480.	95.65	97.36	98.53
#3	519400.	102.3	10460.	95.69	93.08	98.06

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	98.59	94.67	99.40	101.1	101.9	94.84
Stddev	3.35	2.88	1.49	.9	1.8	1.22
%RSD	3.402	3.038	1.501	.8561	1.749	1.284

#1	101.7	97.78	100.1	101.7	101.9	96.11
#2	99.03	94.14	100.4	101.5	103.7	94.72
#3	95.04	92.10	97.69	100.1	100.1	93.69

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: ICSAB 1165868 Acquired: 9/30/2011 18:38:15 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	91.05	112.6	94.59
Stddev	1.16	.6	1.67
%RSD	1.275	.4978	1.764

#1	91.13	113.2	95.96
#2	89.86	112.3	92.73
#3	92.18	112.2	95.08

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2277.4	31773.	5214.9
Stddev	1.8	192.	31.4
%RSD	.08039	.60386	.60148

#1	2275.4	31552.	5186.0
#2	2278.8	31875.	5248.2
#3	2278.1	31892.	5210.5

Sample Name: INT-10 1165870 Acquired: 9/30/2011 18:42:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	42.34	-9.745	-1.002	-1.504	-1.1717	67.05
Stddev	10.57	1.791	.685	.048	.0720	17.47
%RSD	24.97	18.38	68.36	3.181	41.92	26.06

#1	51.99	-11.49	-1.245	-1.541	-.1365	77.01
#2	31.04	-9.831	-1.531	-1.450	-.2546	77.28
#3	43.98	-7.911	-.2285	-1.522	-.1241	46.88

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.9789	10900.	10150.	-10.10	-65.60	-45.13
Stddev	.0703	104.	101.	.81	8.21	47.58
%RSD	7.183	.9565	.9967	8.062	12.52	105.4

#1	-.9786	10980.	10250.	-10.67	-56.25	-18.92
#2	-1.049	10950.	10150.	-9.168	-68.90	-16.43
#3	-.9087	10780.	10050.	-10.47	-71.65	-100.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/30/2011 18:42:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	113.6	10520.	42.53	11040.	-1.416	-4.250
Stddev	8.8	63.	5.67	105.	1.186	1.543
%RSD	7.764	.6005	13.34	.9479	83.74	36.32
#1	121.2	10600.	48.57	11110.	-.8940	-5.930
#2	115.7	10500.	41.72	11090.	-2.773	-3.927
#3	103.9	10480.	37.30	10920.	-.5810	-2.894

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.387	-.3013	4928.	-1.436	-9.079	5041.
Stddev	.580	.6389	46.	.089	1.049	57.
%RSD	24.30	212.1	.9358	6.223	11.55	1.138
#1	3.044	-.6999	4976.	-1.385	-9.520	5080.
#2	2.167	.4356	4924.	-1.539	-9.836	5067.
#3	1.948	-.6396	4884.	-1.384	-7.882	4975.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: INT-10 1165870 Acquired: 9/30/2011 18:42:00 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	10310.	10140.	9828.
Stddev	110.	89.	99.
%RSD	1.063	.8779	1.005

#1	10390.	10170.	9942.
#2	10360.	10040.	9780.
#3	10190.	10210.	9763.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2470.2	36991.	5398.0
Stddev	4.2	238.	37.2
%RSD	.16888	.64371	.68895

#1	2465.4	36717.	5359.6
#2	2472.9	37103.	5433.8
#3	2472.2	37152.	5400.6

Sample Name: 460-31716-a-8-b du@4 Acquired: 9/30/2011 18:45:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	43760.	9.832	-.4785	250.9	1.705	33640.
Stddev	584.	1.682	.5062	1.3	.116	484.
%RSD	1.335	17.11	105.8	.5036	6.783	1.438

#1	44430.	8.299	-.2744	251.9	1.825	34190.
#2	43540.	11.63	-1.055	251.2	1.595	33400.
#3	43320.	9.564	-.1063	249.4	1.694	33320.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0072	43.96	69.96	147.6	96220.	4134.
Stddev	.0733	.24	1.74	3.8	1304.	6.
%RSD	1012.	.5469	2.487	2.556	1.355	.1425

#1	-.0183	44.24	71.84	151.9	97670.	4140.
#2	.0899	43.84	69.64	146.1	95850.	4133.
#3	-.0498	43.82	68.40	144.9	95140.	4128.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-b du@4 Acquired: 9/30/2011 18:45:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35220.	2175.	1187.	84.35	26.08	-1.418
Stddev	462.	31.	14.	.88	1.92	.438
%RSD	1.311	1.444	1.167	1.042	7.376	30.85

#1	35730.	2210.	1197.	85.26	28.25	-1.493
#2	35070.	2163.	1193.	84.30	25.38	-.9478
#3	34850.	2151.	1171.	83.50	24.60	-1.813

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7502	-2.628	131.8	186.3	30.61	8.074
Stddev	2.261	1.227	2.1	1.4	.50	.587
%RSD	301.4	46.70	1.604	.7329	1.629	7.267

#1	3.361	-1.703	134.1	187.4	31.18	8.516
#2	-.5423	-2.160	131.4	186.7	30.42	8.299
#3	-.5682	-4.020	129.9	184.7	30.24	7.408

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-b du@4 Acquired: 9/30/2011 18:45:58 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	6.453	88.13	1842.
Stddev	.549	1.66	27.
%RSD	8.511	1.881	1.469

#1	6.671	90.04	1873.
#2	6.860	87.22	1829.
#3	5.828	87.12	1823.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2629.6	37695.	5640.1
Stddev	3.1	349.	75.2
%RSD	.11694	.92697	1.3335

#1	2626.1	37292.	5553.3
#2	2631.0	37924.	5680.5
#3	2631.8	37867.	5686.5

Sample Name: 460-31716-a-8-a@4 Acquired: 9/30/2011 18:49:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38900.	9.143	-.4431	241.1	1.575	40200.
Stddev	246.	1.359	.4173	.6	.061	449.
%RSD	.6326	14.87	94.18	.2319	3.853	1.117
#1	39140.	10.32	-.9244	241.7	1.617	40630.
#2	38910.	9.452	-.2236	241.0	1.505	40230.
#3	38650.	7.655	-.1814	240.6	1.602	39730.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0053	44.77	80.64	109.6	89720.	4529.
Stddev	.1397	.40	.52	.0	225.	33.
%RSD	2648.	.8914	.6447	.0375	.2510	.7255
#1	.1452	44.98	80.04	109.5	89910.	4558.
#2	-.0303	45.01	80.99	109.6	89790.	4537.
#3	-.1308	44.31	80.88	109.6	89470.	4493.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-a@4 Acquired: 9/30/2011 18:49:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34270.	2134.	1034.	74.64	23.13	-1.064
Stddev	102.	14.	4.	.36	1.79	1.745
%RSD	.2969	.6398	.4144	.4766	7.729	164.1
#1	34350.	2144.	1035.	74.40	24.54	.5867
#2	34310.	2141.	1029.	75.05	23.73	-.8875
#3	34150.	2119.	1037.	74.47	21.12	-2.890

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.9823	-3.380	124.1	171.4	22.13	2.461
Stddev	2.975	.868	.7	.6	.79	.271
%RSD	302.9	25.67	.5601	.3236	3.550	11.03
#1	4.222	-2.448	123.7	171.9	22.42	2.162
#2	.3521	-3.530	124.9	171.5	22.73	2.529
#3	-1.627	-4.164	123.8	170.8	21.24	2.692

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-a@4 Acquired: 9/30/2011 18:49:39 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	4.949	77.50	1854.
Stddev	.233	.85	7.
%RSD	4.716	1.095	.3521

#1	4.732	78.26	1861.
#2	5.196	77.66	1854.
#3	4.919	76.59	1848.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2633.1	38144.	5631.7
Stddev	1.4	200.	56.5
%RSD	.05454	.52329	1.0030

#1	2632.6	37927.	5578.4
#2	2634.7	38185.	5625.8
#3	2631.9	38320.	5691.0

Sample Name: sd 460-31716-a-8-a@2 Acquired: 9/30/2011 18:53:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7996.	1.374	.7109	48.90	.1603	8224.
Stddev	121.	1.787	.3489	.97	.1004	79.
%RSD	1.515	130.1	49.08	1.989	62.59	.9576
#1	8097.	.7848	.9857	49.64	.1704	8268.
#2	8028.	3.381	.3183	49.27	.0554	8270.
#3	7862.	-.0439	.8286	47.80	.2553	8133.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1029	9.305	15.69	20.61	18350.	889.5
Stddev	.0923	.335	.31	2.11	282.	6.9
%RSD	89.75	3.597	1.980	10.23	1.537	.7738
#1	.1889	9.440	15.71	23.03	18610.	895.4
#2	.1144	9.551	15.99	19.69	18400.	881.9
#3	.0053	8.923	15.37	19.13	18050.	891.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31716-a-8-a@2 Acquired: 9/30/2011 18:53:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7051.	437.7	211.1	14.98	4.521	-.8024
Stddev	85.	3.9	9.8	.80	1.485	.5031
%RSD	1.209	.9000	4.642	5.317	32.84	62.70

#1	7131.	440.7	221.1	15.77	5.365	-1.099
#2	7059.	439.2	201.6	14.99	5.392	-1.087
#3	6962.	433.3	210.7	14.17	2.807	-.2215

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.717	.9077	24.80	35.22	5.177	.2397
Stddev	1.472	2.071	.32	.88	.171	.1143
%RSD	54.18	228.2	1.280	2.512	3.309	47.67

#1	3.296	-.9675	25.03	35.81	5.343	.2878
#2	3.812	.5594	24.93	35.64	5.187	.3221
#3	1.044	3.131	24.44	34.20	5.001	.1093

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31716-a-8-a@2 Acquired: 9/30/2011 18:53:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1683	15.56	370.5
Stddev	.5274	.30	4.7
%RSD	313.3	1.937	1.276

#1	-.4055	15.52	375.0
#2	.4360	15.88	370.7
#3	-.5355	15.29	365.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2582.0	37466.	5404.7
Stddev	6.3	16.	34.6
%RSD	.24212	.04137	.64037

#1	2578.3	37483.	5398.2
#2	2589.2	37463.	5373.9
#3	2578.5	37453.	5442.2

Sample Name: 460-31716-a-8-c ms@4 Acquired: 9/30/2011 18:57:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46950.	850.5	20.90	1134.	23.93	55970.
Stddev	538.	13.3	.32	19.	.21	498.
%RSD	1.145	1.563	1.524	1.650	.8688	.8893

#1	47560.	860.2	21.13	1150.	24.17	56540.
#2	46740.	856.1	21.03	1140.	23.86	55710.
#3	46550.	835.4	20.53	1113.	23.77	55660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.84	260.6	172.5	230.2	95770.	13690.
Stddev	.31	4.7	2.4	4.4	1408.	115.
%RSD	1.401	1.793	1.388	1.913	1.470	.8395

#1	22.00	264.7	175.1	230.9	97260.	13820.
#2	22.04	261.5	171.9	234.2	95590.	13650.
#3	21.49	255.5	170.4	225.5	94470.	13600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-c ms@4 Acquired: 9/30/2011 18:57:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	44360.	2434.	9573.	301.8	250.2	119.5
Stddev	565.	31.	88.	5.7	4.5	2.6
%RSD	1.273	1.281	.9194	1.879	1.802	2.197

#1	44930.	2463.	9671.	306.5	255.1	122.2
#2	44350.	2438.	9549.	303.4	249.4	119.3
#3	43800.	2401.	9500.	295.5	246.2	117.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	813.3	887.7	340.0	402.7	250.0	212.5
Stddev	10.5	16.7	5.1	6.6	4.1	4.9
%RSD	1.292	1.885	1.495	1.629	1.635	2.329

#1	824.3	900.0	345.2	407.6	253.6	216.3
#2	812.4	894.5	339.8	405.4	250.8	214.2
#3	803.3	868.7	335.0	395.3	245.5	206.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-8-c ms@4 Acquired: 9/30/2011 18:57:05 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	214.5	326.1	2166.
Stddev	4.7	2.6	23.
%RSD	2.205	.7934	1.051

#1	218.8	329.1	2192.
#2	215.4	325.1	2158.
#3	209.5	324.2	2148.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2629.2	37788.	5695.8
Stddev	11.0	299.	35.6
%RSD	.41874	.79095	.62571

#1	2617.3	37471.	5656.2
#2	2631.2	37827.	5725.3
#3	2639.0	38065.	5705.9

Sample Name: pds 460-31716-a-8-a@ Acquired: 9/30/2011 19:00:40 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40210.	1801.	44.14	2111.	48.29	58970.
Stddev	268.	3.	.26	11.	.21	393.
%RSD	.6668	.1921	.5999	.5414	.4357	.6668
#1	40460.	1804.	44.34	2120.	48.53	59380.
#2	40250.	1799.	43.84	2114.	48.16	58920.
#3	39930.	1798.	44.25	2098.	48.17	58600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46.95	514.4	270.0	338.5	90480.	22640.
Stddev	.31	3.4	.6	2.6	342.	133.
%RSD	.6586	.6533	.2333	.7788	.3775	.5857
#1	47.24	517.4	270.4	337.2	90770.	22780.
#2	46.98	514.9	270.3	341.6	90570.	22640.
#3	46.62	510.8	269.3	336.9	90100.	22510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31716-a-8-a@ Acquired: 9/30/2011 19:00:40 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52670.	2607.	19480.	551.7	501.8	437.0
Stddev	203.	10.	116.	3.0	3.7	6.2
%RSD	.3846	.3866	.5945	.5514	.7431	1.419

#1	52850.	2616.	19590.	554.1	504.0	443.1
#2	52700.	2610.	19500.	552.7	503.8	437.3
#3	52450.	2596.	19360.	548.3	497.5	430.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1763.	1908.	584.3	632.9	495.5	462.2
Stddev	9.	9.	2.8	3.3	1.8	3.1
%RSD	.5349	.4614	.4861	.5238	.3702	.6638

#1	1772.	1915.	586.2	636.3	496.9	465.2
#2	1764.	1910.	585.6	632.6	496.3	462.4
#3	1753.	1898.	581.0	629.7	493.5	459.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31716-a-8-a@ Acquired: 9/30/2011 19:00:40 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	464.8	538.2	2309.
Stddev	2.8	3.7	19.
%RSD	.6040	.6955	.8354

#1	467.8	542.2	2326.
#2	464.3	537.6	2312.
#3	462.3	534.8	2288.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2605.7	37507.	5661.7
Stddev	2.5	109.	20.1
%RSD	.09540	.29016	.35543

#1	2603.1	37584.	5640.6
#2	2606.0	37555.	5680.7
#3	2608.1	37383.	5663.9

Sample Name: 460-31716-a-3-a@4 Acquired: 9/30/2011 19:04:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	64400.	459.2	6.649	F 25900.	1.915	55130.
Stddev	475.	9.2	.844	403.	.050	282.
%RSD	.7374	1.997	12.69	1.557	2.605	.5122

#1	64870.	467.4	5.678	26170.	1.868	55460.
#2	64420.	460.8	7.202	26090.	1.910	54960.
#3	63920.	449.3	7.068	25440.	1.967	54980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				20000.		
Low Limit				-1000.		

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1635.	501.8	9799.	9031.	F 310500.	4086.
Stddev	25.	9.0	70.	53.	2224.	12.
%RSD	1.521	1.790	.7096	.5896	.7161	.3045

#1	1652.	508.4	9841.	9089.	311800.	4096.
#2	1646.	505.5	9837.	9018.	311800.	4072.
#3	1606.	491.6	9719.	8985.	308000.	4090.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-31716-a-3-a@4 Acquired: 9/30/2011 19:04:11 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11980.	6477.	4232.	190.4	F 129200.	F 9403.
Stddev	69.	36.	19.	3.4	1891.	219.
%RSD	.5764	.5516	.4476	1.781	1.464	2.323

#1	12010.	6482.	4249.	193.7	130500.	9576.
#2	12040.	6510.	4212.	190.7	130000.	9476.
#3	11900.	6439.	4235.	186.9	127000.	9157.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail
High Limit					15000.	2000.
Low Limit					-10.00	-20.00

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.47	F -104.7	310.8	F 18640.	1145.	124.4
Stddev	2.44	5.1	2.8	307.	14.	2.7
%RSD	4.739	4.847	.8875	1.647	1.215	2.180

#1	53.24	-110.1	311.3	18860.	1155.	125.9
#2	52.49	-103.9	313.4	18780.	1152.	126.0
#3	48.69	-99.99	307.9	18290.	1129.	121.2

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit		4500.		5000.		
Low Limit		-20.00		-50.00		

Sample Name: 460-31716-a-3-a@4 Acquired: 9/30/2011 19:04:11 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	F 3245.	463.7	3676.
Stddev	66.	2.6	28.
%RSD	2.046	.5641	.7548

#1	3297.	466.7	3706.
#2	3267.	462.0	3671.
#3	3170.	462.4	3651.

Check ?	Chk Fail	Chk Pass	Chk Pass
High Limit	2000.		
Low Limit	-50.00		

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2488.4	36322.	5515.9
Stddev	2.2	39.	33.0
%RSD	.08667	.10828	.59856

#1	2488.9	36296.	5494.0
#2	2486.1	36367.	5553.9
#3	2490.3	36302.	5499.9

Sample Name: 460-31716-a-4-a@4 Acquired: 9/30/2011 19:07:53 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23000.	164.6	12.59	5994.	1.633	32100.
Stddev	91.	2.5	.57	47.	.014	147.
%RSD	.3970	1.527	4.557	.7823	.8273	.4567

#1	22900.	163.5	12.28	6026.	1.636	32010.
#2	22990.	162.9	12.25	6017.	1.618	32030.
#3	23090.	167.5	13.26	5941.	1.644	32270.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	158.2	141.2	1512.	9680.	F 1029000.	851.8
Stddev	2.1	.9	8.	40.	2821.	64.6
%RSD	1.300	.6616	.5015	.4148	.2741	7.588

#1	159.4	141.8	1517.	9636.	1030000.	921.1
#2	159.3	141.7	1515.	9692.	1031000.	793.2
#3	155.8	140.1	1503.	9714.	1026000.	841.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-31716-a-4-a@4 Acquired: 9/30/2011 19:07:53 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3877.	7206.	91.28	700.8	F 16870.	870.1
Stddev	15.	15.	8.74	7.0	109.	11.2
%RSD	.3840	.2026	9.575	.9950	.6459	1.284

#1	3888.	7213.	86.06	705.4	16950.	876.4
#2	3883.	7215.	101.4	704.1	16930.	876.6
#3	3860.	7189.	86.42	692.8	16750.	857.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34.18	-5.323	1006.	F 20350.	229.2	22.88
Stddev	6.25	2.278	4.	157.	2.4	.51
%RSD	18.28	42.79	.3785	.7693	1.026	2.235

#1	37.89	-7.470	1010.	20440.	230.6	22.78
#2	37.68	-5.565	1006.	20430.	230.4	23.43
#3	26.96	-2.934	1002.	20160.	226.5	22.42

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-31716-a-4-a@4 Acquired: 9/30/2011 19:07:53 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	F 4517.	234.1	658.7
Stddev	43.	.5	2.9
%RSD	.9463	.2232	.4345

#1	4540.	233.7	661.7
#2	4542.	234.0	656.1
#3	4467.	234.7	658.2

Check ?	Chk Fail	Chk Pass	Chk Pass
High Limit	2000.		
Low Limit	-50.00		

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2512.2	35997.	5518.5
Stddev	.3	29.	37.8
%RSD	.01347	.08037	.68470

#1	2512.0	36023.	5549.8
#2	2512.1	36001.	5529.3
#3	2512.6	35966.	5476.5

Sample Name: CCV Acquired: 9/30/2011 19:11:47 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125200.	2485.	1232.	10060.	994.4	126400.
Stddev	957.	1.	1.	7.	7.8	1133.
%RSD	.7643	.0436	.1152	.0659	.7892	.8960

#1	126300.	2484.	1234.	10060.	1003.	127700.
#2	124700.	2484.	1231.	10050.	989.5	125900.
#3	124600.	2486.	1232.	10060.	990.2	125600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2498.	5007.	12490.	99830.	49550.
Stddev	1.	1.	10.	100.	168.	276.
%RSD	.0414	.0289	.1948	.7992	.1681	.5571

#1	1262.	2498.	5017.	12610.	100000.	49870.
#2	1261.	2497.	5008.	12450.	99790.	49370.
#3	1262.	2499.	4997.	12420.	99690.	49420.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:11:47 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124700.	5067.	124000.	2531.	7557.	1019.
Stddev	250.	19.	831.	2.	1.	2.
%RSD	.2007	.3665	.6707	.0862	.0145	.1481

#1	124900.	5083.	124900.	2533.	7556.	1017.
#2	124700.	5071.	123500.	2529.	7558.	1020.
#3	124400.	5047.	123400.	2532.	7556.	1019.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2454.	2549.	2470.	2493.	1004.	2496.
Stddev	5.	2.	5.	2.	1.	2.
%RSD	.2175	.0808	.2020	.0684	.1415	.0813

#1	2460.	2551.	2476.	2495.	1004.	2498.
#2	2450.	2549.	2466.	2492.	1003.	2494.
#3	2454.	2547.	2468.	2492.	1006.	2494.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:11:47 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	995.8	5027.	9897.
Stddev	1.7	43.	75.
%RSD	.1663	.8487	.7585

#1	996.8	5076.	9984.
#2	993.9	5011.	9854.
#3	996.7	4996.	9853.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2343.3	33854.	5254.8
Stddev	8.9	114.	37.9
%RSD	.38101	.33780	.72093

#1	2350.7	33984.	5215.5
#2	2345.7	33768.	5257.8
#3	2333.4	33811.	5291.1

Sample Name: CCB Acquired: 9/30/2011 19:15:16 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.99	-1.547	.1304	.3719	-.0252	-14.93
Stddev	4.47	1.986	.3582	.2519	.1224	10.67
%RSD	29.84	128.4	274.6	67.73	486.3	71.47

#1	12.57	-1.555	.2664	.5968	.1035	-3.743
#2	12.24	-3.530	-.2759	.0997	-.1401	-16.05
#3	20.15	.4427	.4008	.4192	-.0389	-24.99

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0146	-.1198	-.6316	1.022	-2.900	-69.98
Stddev	.0672	.3575	.8021	2.749	7.381	63.96
%RSD	459.4	298.4	127.0	269.0	254.5	91.40

#1	.0911	-.3896	-1.031	1.958	-.7990	-4.873
#2	-.0347	.2857	.2918	3.181	3.203	-72.33
#3	-.0125	-.2557	-1.156	-2.073	-11.10	-132.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:15:16 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.892	.1885	14.49	-.0091	-1.850	8.538
Stddev	1.503	.0752	5.94	.4232	1.479	3.041
%RSD	51.96	39.90	41.00	4666.	79.94	35.61
#1	3.598	.2743	17.95	-.1461	-.4253	5.072
#2	3.912	.1341	17.88	-.3468	-1.747	9.786
#3	1.166	.1570	7.629	.4657	-3.377	10.76

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.581	.1228	-.0136	.9076	2.040	4.783
Stddev	3.191	.8094	.4103	.0686	.391	.213
%RSD	123.6	659.1	3026.	7.556	19.14	4.446
#1	3.726	-.7152	.4536	.9064	2.371	4.823
#2	-1.025	.1834	-.3157	.8397	2.139	4.972
#3	5.042	.9002	-.1786	.9768	1.609	4.553

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:15:16 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8157	.1386	2.873
Stddev	.8131	.1477	1.166
%RSD	99.68	106.6	40.60

#1	1.039	.2625	2.516
#2	-.0857	.1782	1.926
#3	1.494	-.0249	4.176

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2542.5	37228.	5329.7
Stddev	5.9	71.	32.8
%RSD	.23134	.18998	.61455

#1	2549.3	37148.	5292.5
#2	2539.2	37283.	5354.1
#3	2539.1	37253.	5342.6

Sample Name: mb 460-87829/1-a@2 Acquired: 9/30/2011 19:19:10 Type: QC

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.87	-2.059	.4422	.1177	-.0860	14.75
Stddev	10.14	1.236	.3710	.0615	.1059	10.07
%RSD	93.21	60.01	83.91	52.27	123.2	68.31

#1	22.40	-2.054	.3339	.1854	-.0469	6.611
#2	6.876	-.8264	.1373	.1026	-.0052	26.02
#3	3.347	-3.298	.8553	.0652	-.2058	11.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0645	.0538	1.128	2.207	1.502	-74.33
Stddev	.2415	.3517	.952	2.297	2.530	37.62
%RSD	374.7	654.1	84.43	104.1	168.5	50.61

#1	.2749	-.1711	.4952	4.282	1.260	-117.4
#2	.1178	-.1267	.6653	2.601	4.144	-57.61
#3	-.1993	.4591	2.223	-.2616	-.8990	-47.96

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87829/1-a@2 Acquired: 9/30/2011 19:19:10 Type: QC

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5833	.0953	5.683	-.2254	-.5499	4.887
Stddev	3.723	.0928	14.33	.3057	1.452	3.068
%RSD	638.3	97.36	252.1	135.6	264.0	62.78

#1	4.623	.1550	-10.49	-.4897	-1.184	1.363
#2	-.1641	.1426	10.74	.1094	1.111	6.337
#3	-2.710	-.0116	16.79	-.2960	-1.577	6.963

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.112	1.420	.0752	1.610	2.160	.9044
Stddev	2.208	1.096	.3240	.138	.282	.1793
%RSD	198.5	77.20	430.7	8.594	13.07	19.83

#1	3.653	2.162	-.1678	1.470	2.221	.7772
#2	-.3391	1.937	-.0497	1.613	2.407	1.109
#3	.0230	.1608	.4431	1.747	1.852	.8264

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87829/1-a@2 Acquired: 9/30/2011 19:19:10 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6379	.1402	-.3590
Stddev	.4021	.1193	.8530
%RSD	63.03	85.12	237.6

#1	.5701	.2251	.0789
#2	1.070	.0038	-1.342
#3	.2741	.1917	.1860

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2471.3	35972.	5144.6
Stddev	18.0	1195.	179.0
%RSD	.72746	3.3210	3.4787

#1	2450.6	34613.	4943.1
#2	2480.0	36443.	5205.7
#3	2483.3	36859.	5285.0

Sample Name: lcssrm 460-87829/2-a Acquired: 9/30/2011 19:23:02 Type: QC

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41540.	485.3	139.5	924.7	376.5	49840.
Stddev	160.	4.2	.9	3.4	.8	115.
%RSD	.3858	.8688	.6351	.3623	.2008	.2302

#1	41710.	486.7	139.9	925.6	377.3	49970.
#2	41390.	488.6	140.0	927.5	376.0	49800.
#3	41530.	480.5	138.5	921.0	376.0	49750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	299.0	467.5	1164.	848.5	89660.	19110.
Stddev	.7	1.8	2.	1.3	170.	118.
%RSD	.2410	.3880	.1666	.1528	.1895	.6182

#1	299.3	468.4	1166.	847.2	89850.	19240.
#2	299.4	468.7	1162.	848.4	89520.	19010.
#3	298.1	465.4	1163.	849.8	89600.	19080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87829/2-a Acquired: 9/30/2011 19:23:02 Type: QC

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	17610.	2763.	4866.	692.5	425.1	886.1
Stddev	23.	9.	35.	2.1	1.7	6.9
%RSD	.1329	.3252	.7258	.3048	.4032	.7833

#1	17610.	2759.	4907.	694.3	427.0	892.1
#2	17630.	2773.	4841.	693.0	424.7	887.7
#3	17580.	2757.	4851.	690.2	423.7	878.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1317.	622.9	554.0	2894.	676.8	255.5
Stddev	6.	6.0	.2	6.	1.3	2.0
%RSD	.4884	.9681	.0437	.2031	.1956	.7837

#1	1313.	626.9	554.3	2899.	677.8	256.4
#2	1324.	625.8	553.8	2895.	677.3	257.0
#3	1314.	616.0	554.0	2888.	675.3	253.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lcssrm 460-87829/2-a Acquired: 9/30/2011 19:23:02 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	518.5	1087.	1978.
Stddev	2.2	2.	10.
%RSD	.4214	.1621	.4951

#1	518.7	1089.	1988.
#2	520.5	1086.	1969.
#3	516.2	1086.	1978.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2644.8	38152.	5743.8
Stddev	4.3	112.	34.7
%RSD	.16419	.29421	.60339

#1	2644.6	38251.	5703.8
#2	2649.2	38030.	5765.1
#3	2640.5	38175.	5762.5

Sample Name: 460-31716-a-5-a@4 Acquired: 9/30/2011 19:26:32 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	107800.	6518.	5.545	F 25480.	1.410	14580.
Stddev	889.	48.	.773	150.	.164	146.
%RSD	.8243	.7323	13.94	.5869	11.59	.9982

#1	108800.	6556.	5.698	25620.	1.595	14740.
#2	107700.	6533.	4.707	25510.	1.286	14550.
#3	107000.	6464.	6.230	25320.	1.349	14450.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				20000.		
Low Limit				-1000.		

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.92	16.46	2625.	173.6	148600.	185.5
Stddev	.31	.12	8.	6.0	562.	63.8
%RSD	.9724	.7592	.3120	3.449	.3780	34.37

#1	32.25	16.32	2632.	180.4	149000.	180.9
#2	31.87	16.49	2628.	169.3	148700.	124.3
#3	31.63	16.56	2616.	171.0	147900.	251.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-5-a@4 Acquired: 9/30/2011 19:26:32 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4833.	1122.	328.6	17.38	F 415600.	789.0
Stddev	14.	5.	15.7	.27	3042.	7.8
%RSD	.2953	.4643	4.779	1.532	.7318	.9841

#1	4847.	1125.	345.8	17.22	413400.	796.6
#2	4833.	1125.	315.1	17.25	414400.	789.3
#3	4818.	1116.	324.9	17.69	419100.	781.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					15000.	
Low Limit					-10.00	

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.068	1.228	27.68	F 11430.	78.28	.0151
Stddev	1.672	2.093	.61	62.	.74	.1323
%RSD	41.09	170.4	2.217	.5395	.9488	873.9

#1	5.893	-.1664	28.38	11490.	79.07	-.1288
#2	3.699	.2161	27.41	11440.	78.20	.1313
#3	2.611	3.635	27.25	11370.	77.59	.0429

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Sample Name: 460-31716-a-5-a@4 Acquired: 9/30/2011 19:26:32 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	763.3	604.1	67.32
Stddev	4.9	6.3	.60
%RSD	.6465	1.041	.8904

#1	767.7	610.9	67.18
#2	764.1	603.0	67.97
#3	758.0	598.5	66.80

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2521.8	36979.	5514.0
Stddev	2.4	122.	27.0
%RSD	.09485	.33120	.48959

#1	2522.7	36916.	5482.9
#2	2523.5	36901.	5528.0
#3	2519.0	37120.	5531.1

Sample Name: 460-31716-a-6-a@4 Acquired: 9/30/2011 19:30:18 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10780.	48.79	.7388	1015.	1.196	16610.
Stddev	79.	.80	1.067	8.	.047	123.
%RSD	.7358	1.643	144.5	.7433	3.962	.7406

#1	10870.	49.56	.7405	1022.	1.141	16740.
#2	10710.	48.86	1.805	1015.	1.225	16500.
#3	10760.	47.96	-.3294	1007.	1.222	16580.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.040	116.9	107.7	3631.	F 260100.	1898.
Stddev	.029	.6	.6	40.	816.	57.
%RSD	.7227	.5137	.5509	1.089	.3138	3.026

#1	4.073	117.5	108.0	3668.	261000.	1950.
#2	4.031	116.8	108.0	3590.	259900.	1836.
#3	4.016	116.3	107.0	3636.	259500.	1908.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
High Limit					200000.	
Low Limit					-150.0	

Sample Name: 460-31716-a-6-a@4 Acquired: 9/30/2011 19:30:18 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4477.	1934.	572.6	94.39	1517.	5.750
Stddev	10.	6.	8.3	.36	11.	.824
%RSD	.2295	.2949	1.451	.3792	.7003	14.33
#1	4489.	1940.	580.1	94.80	1529.	5.671
#2	4470.	1934.	563.7	94.15	1516.	6.611
#3	4473.	1928.	574.0	94.22	1507.	4.968

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.960	2.165	143.4	1605.	85.85	7.476
Stddev	2.373	.895	.7	7.	.87	.336
%RSD	39.81	41.36	.4682	.4649	1.010	4.499
#1	3.237	1.143	144.1	1613.	86.32	7.790
#2	7.058	2.811	142.8	1603.	84.85	7.518
#3	7.584	2.541	143.3	1598.	86.38	7.121

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-6-a@4 Acquired: 9/30/2011 19:30:18 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	64.98	122.8	643.3
Stddev	1.42	1.1	6.7
%RSD	2.188	.9260	1.040

#1	65.68	124.0	650.6
#2	65.91	121.8	637.4
#3	63.34	122.6	642.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2568.4	37153.	5487.0
Stddev	10.4	150.	42.8
%RSD	.40523	.40285	.77945

#1	2567.4	37191.	5456.1
#2	2579.2	37280.	5535.8
#3	2558.5	36988.	5469.2

Sample Name: 460-31716-a-7-a@4 Acquired: 9/30/2011 19:33:56 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36300.	28.21	.2259	493.3	1.216	10990.
Stddev	313.	.64	.8392	2.7	.022	115.
%RSD	.8622	2.279	371.5	.5433	1.773	1.044
#1	36660.	27.86	1.142	495.1	1.240	11120.
#2	36080.	27.81	-.5059	494.6	1.208	10890.
#3	36150.	28.95	.0417	490.3	1.199	10960.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4253	26.25	88.11	301.5	149700.	3958.
Stddev	.0391	.36	.26	3.7	502.	82.
%RSD	9.185	1.381	.2938	1.219	.3354	2.074
#1	.4624	25.99	88.40	305.3	150300.	4044.
#2	.4290	26.66	87.92	298.0	149600.	3948.
#3	.3845	26.09	88.00	301.0	149300.	3881.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-7-a@4 Acquired: 9/30/2011 19:33:56 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5389.	1446.	1333.	61.66	486.3	3.581
Stddev	7.	3.	22.	.27	2.3	1.625
%RSD	.1300	.2054	1.663	.4314	.4644	45.39

#1	5395.	1449.	1354.	61.46	488.2	3.724
#2	5390.	1446.	1310.	61.96	486.8	1.889
#3	5381.	1443.	1334.	61.56	483.8	5.129

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.449	1.968	120.5	247.6	23.47	2.015
Stddev	.713	1.249	.4	1.5	.79	.233
%RSD	29.12	63.48	.3295	.6033	3.361	11.57

#1	1.837	1.596	120.9	248.7	24.28	1.897
#2	2.277	.9467	120.1	248.1	22.70	2.283
#3	3.232	3.361	120.4	245.9	23.43	1.864

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-7-a@4 Acquired: 9/30/2011 19:33:56 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	30.56	127.8	893.2
Stddev	1.19	1.7	9.6
%RSD	3.896	1.307	1.079

#1	30.67	129.6	904.2
#2	31.70	126.3	889.2
#3	29.33	127.4	886.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2587.7	37381.	5471.1
Stddev	5.2	100.	60.4
%RSD	.20124	.26633	1.1031

#1	2593.5	37473.	5420.0
#2	2583.3	37394.	5537.7
#3	2586.4	37275.	5455.7

Sample Name: 460-31716-a-9-a@4 Acquired: 9/30/2011 19:37:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	46680.	11.75	.0754	329.6	1.863	45730.
Stddev	90.	1.05	.4044	1.6	.073	135.
%RSD	.1924	8.917	536.3	.4891	3.939	.2956
#1	46750.	12.96	.5226	331.1	1.946	45710.
#2	46700.	11.13	-.2647	329.9	1.838	45880.
#3	46580.	11.16	-.0317	327.9	1.806	45610.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3516	53.23	85.38	186.9	116700.	4367.
Stddev	.0171	.41	.69	1.9	315.	51.
%RSD	4.872	.7769	.8130	1.038	.2695	1.160
#1	.3388	53.15	85.26	189.1	116900.	4415.
#2	.3710	53.68	86.13	185.5	116900.	4314.
#3	.3449	52.87	84.76	186.2	116400.	4371.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-9-a@4 Acquired: 9/30/2011 19:37:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	39510.	2422.	920.8	91.74	61.49	.2547
Stddev	145.	10.	24.5	.17	2.27	1.202
%RSD	.3666	.4297	2.658	.1849	3.693	471.7

#1	39590.	2421.	911.3	91.56	64.01	-.0027
#2	39600.	2434.	948.6	91.79	60.86	1.564
#3	39340.	2413.	902.5	91.88	59.61	-.7973

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3205	-2.254	184.0	215.7	40.25	.4636
Stddev	1.626	.135	.7	1.2	1.59	.1591
%RSD	507.4	5.992	.3798	.5751	3.951	34.32

#1	1.509	-2.256	184.0	216.3	42.08	.3062
#2	-1.533	-2.388	184.7	216.5	39.15	.4602
#3	.9859	-2.118	183.3	214.2	39.54	.6243

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-9-a@4 Acquired: 9/30/2011 19:37:37 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	8.254	149.7	2425.
Stddev	.520	.5	11.
%RSD	6.304	.3330	.4394

#1	8.792	149.8	2436.
#2	7.753	150.1	2424.
#3	8.217	149.1	2415.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2639.3	38206.	5667.5
Stddev	1.8	230.	15.1
%RSD	.06990	.60254	.26556

#1	2637.7	38459.	5679.5
#2	2638.9	38010.	5650.6
#3	2641.3	38148.	5672.4

Sample Name: 460-31716-a-10-a@4 Acquired: 9/30/2011 19:41:17 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25890.	66.68	.8927	2619.	1.720	17920.
Stddev	98.	1.06	.3625	8.	.104	92.
%RSD	.3788	1.590	40.61	.2967	6.051	.5148

#1	26000.	67.76	.9870	2623.	1.604	17840.
#2	25810.	66.63	1.199	2624.	1.805	17890.
#3	25870.	65.64	.4923	2610.	1.753	18020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.29	37.37	230.5	872.6	84010.	2447.
Stddev	.19	.28	1.0	5.1	115.	46.
%RSD	1.193	.7389	.4193	.5898	.1365	1.876

#1	16.27	37.14	229.9	878.2	84040.	2472.
#2	16.50	37.67	230.1	868.0	84110.	2394.
#3	16.11	37.29	231.7	871.7	83890.	2474.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-10-a@4 Acquired: 9/30/2011 19:41:17 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7107.	1121.	891.0	74.01	4148.	152.3
Stddev	19.	8.	15.1	.40	19.	1.6
%RSD	.2620	.6882	1.693	.5367	.4505	1.053
#1	7087.	1113.	891.7	73.80	4160.	153.3
#2	7110.	1125.	905.7	74.46	4159.	153.1
#3	7124.	1127.	875.6	73.76	4127.	150.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.177	-2.830	130.2	2211.	16.39	4.754
Stddev	1.938	.837	.5	11.	.39	.258
%RSD	61.00	29.56	.3770	.5123	2.398	5.431
#1	1.075	-2.823	130.7	2219.	16.67	4.456
#2	4.894	-3.670	130.2	2215.	15.94	4.920
#3	3.561	-1.997	129.7	2198.	16.57	4.884

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31716-a-10-a@4 Acquired: 9/30/2011 19:41:17 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	211.6	156.9	912.3
Stddev	1.3	1.3	3.4
%RSD	.6004	.8307	.3701

#1	212.7	155.7	915.3
#2	211.8	156.6	908.7
#3	210.2	158.3	913.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2625.6	38253.	5610.5
Stddev	6.4	219.	4.3
%RSD	.24443	.57178	.07609

#1	2631.2	38482.	5609.8
#2	2627.0	38233.	5615.0
#3	2618.6	38046.	5606.6

Sample Name: 460-31552-d-4-b@4 Acquired: 9/30/2011 19:44:57 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	55280.	11.78	-.2372	286.4	1.773	3650.
Stddev	89.	.89	.3417	1.6	.087	2.
%RSD	.1610	7.556	144.1	.5718	4.930	.0674

#1	55370.	10.85	-.2089	287.6	1.867	3648.
#2	55270.	12.62	.0895	287.1	1.694	3652.
#3	55190.	11.86	-.5921	284.5	1.757	3651.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2520	16.35	56.65	20.75	53110.	1372.
Stddev	.0463	.08	.32	3.16	183.	56.
%RSD	18.35	.5135	.5565	15.25	.3443	4.094

#1	.1989	16.42	57.00	19.60	53230.	1334.
#2	.2738	16.26	56.40	18.31	53200.	1345.
#3	.2833	16.36	56.56	24.32	52900.	1436.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-4-b@4 Acquired: 9/30/2011 19:44:57 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2650.	333.6	493.1	30.42	86.69	1.127
Stddev	7.	1.6	13.1	.33	.47	1.757
%RSD	.2504	.4736	2.654	1.101	.5375	155.9
#1	2658.	333.8	500.3	30.32	87.12	1.861
#2	2647.	335.0	500.9	30.14	86.76	2.398
#3	2645.	331.9	478.0	30.79	86.20	-.8780

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.112	-.4134	78.45	125.4	6.342	.5503
Stddev	1.861	3.500	1.15	.8	.674	.5674
%RSD	45.26	846.6	1.464	.6688	10.63	103.1
#1	6.142	1.540	79.53	125.8	6.218	1.164
#2	3.712	-4.454	78.57	125.9	7.069	.0447
#3	2.484	1.674	77.24	124.4	5.738	.4423

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-4-b@4 Acquired: 9/30/2011 19:44:57 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.007	25.23	724.3
Stddev	1.204	.17	2.4
%RSD	24.04	.6590	.3354

#1	5.290	25.41	727.1
#2	3.687	25.20	723.4
#3	6.044	25.09	722.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2634.5	37787.	5538.9
Stddev	4.2	39.	4.6
%RSD	.15985	.10256	.08278

#1	2634.2	37826.	5533.6
#2	2638.9	37748.	5541.7
#3	2630.5	37789.	5541.4

Sample Name: 460-31552-d-5-i@4 Acquired: 9/30/2011 19:48:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	23940.	1.268	-.0156	109.7	1.129	5593.
Stddev	118.	.174	.6195	.9	.126	13.
%RSD	.4922	13.73	3971.	.8456	11.20	.2388

#1	23870.	1.442	.4640	110.3	1.211	5580.
#2	23870.	1.269	-.7151	110.2	.9832	5594.
#3	24080.	1.094	.2043	108.6	1.193	5606.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0365	6.268	39.82	15.22	10200.	1156.
Stddev	.0521	.075	.32	2.05	47.	3.
%RSD	142.6	1.196	.7938	13.47	.4646	.2745

#1	.0668	6.355	39.95	13.02	10260.	1158.
#2	-.0236	6.228	40.04	17.07	10190.	1158.
#3	.0664	6.222	39.45	15.57	10170.	1152.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-5-i@4 Acquired: 9/30/2011 19:48:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1901.	93.39	487.0	15.90	19.59	.2641
Stddev	7.	.47	7.3	.10	.27	1.058
%RSD	.3914	.5076	1.508	.6104	1.397	400.4

#1	1906.	93.82	478.8	15.90	19.42	-.1990
#2	1905.	93.46	492.9	15.99	19.90	1.474
#3	1893.	92.88	489.2	15.80	19.45	-.4828

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.168	1.315	58.10	34.95	3.090	.0246
Stddev	.701	2.612	.14	.44	.173	.2305
%RSD	60.05	198.7	.2404	1.249	5.603	935.9

#1	.8127	-1.467	58.26	35.30	3.281	-.0690
#2	1.976	1.696	58.07	35.10	2.943	-.1443
#3	.7150	3.715	57.98	34.46	3.046	.2872

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31552-d-5-i@4 Acquired: 9/30/2011 19:48:39 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.053	141.1	631.5
Stddev	.302	.5	2.8
%RSD	14.69	.3489	.4437

#1	1.716	140.7	631.1
#2	2.145	141.0	629.0
#3	2.298	141.7	634.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2633.4	37992.	5529.8
Stddev	2.0	51.	37.0
%RSD	.07778	.13298	.66982

#1	2631.2	37988.	5559.2
#2	2634.0	37943.	5542.0
#3	2635.2	38044.	5488.2

Sample Name: 460-31629-b-1-d@4 Acquired: 9/30/2011 19:52:24 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19890.	72.21	1.075	1048.	1.577	223700.
Stddev	108.	3.14	.500	6.	.049	1296.
%RSD	.5412	4.350	46.56	.5906	3.082	.5795
#1	20010.	74.35	.5339	1053.	1.610	225000.
#2	19880.	68.60	1.170	1050.	1.600	223700.
#3	19790.	73.67	1.522	1041.	1.521	222400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.992	20.81	138.9	476.4	121200.	2747.
Stddev	.095	.56	.3	4.4	271.	42.
%RSD	3.160	2.705	.2276	.9190	.2238	1.514
#1	2.973	21.42	138.6	481.4	121500.	2789.
#2	3.094	20.31	139.2	474.2	121100.	2746.
#3	2.908	20.69	138.7	473.5	121000.	2706.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-1-d@4 Acquired: 9/30/2011 19:52:24 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49700.	1062.	1847.	85.45	1139.	6.571
Stddev	176.	4.	31.	.93	7.	1.224
%RSD	.3531	.4207	1.700	1.083	.5997	18.63

#1	49880.	1064.	1878.	86.18	1146.	5.238
#2	49700.	1065.	1849.	85.77	1140.	7.646
#3	49530.	1057.	1815.	84.41	1132.	6.830

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.342	4.255	71.90	1801.	60.68	29.00
Stddev	.674	1.883	.71	10.	.99	.73
%RSD	12.61	44.26	.9823	.5590	1.628	2.501

#1	5.362	4.750	72.32	1810.	61.06	29.54
#2	6.005	2.174	72.31	1803.	61.42	29.28
#3	4.658	5.841	71.09	1790.	59.56	28.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-1-d@4 Acquired: 9/30/2011 19:52:24 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	47.94	618.3	804.6
Stddev	.52	3.4	6.2
%RSD	1.078	.5560	.7708

#1	48.22	621.3	811.2
#2	48.27	619.0	803.5
#3	47.35	614.5	799.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2472.8	35507.	5426.7
Stddev	1.7	100.	44.2
%RSD	.06723	.28088	.81530

#1	2474.5	35392.	5377.3
#2	2472.8	35568.	5462.7
#3	2471.2	35562.	5440.2

Sample Name: CCV Acquired: 9/30/2011 19:56:07 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125900.	2488.	1237.	10060.	1005.	128200.
Stddev	287.	3.	1.	19.	3.	443.
%RSD	.2281	.1033	.1126	.1841	.2642	.3455

#1	125800.	2491.	1236.	10070.	1005.	128000.
#2	125700.	2487.	1239.	10080.	1003.	128000.
#3	126200.	2486.	1237.	10040.	1008.	128800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1263.	2491.	5035.	12610.	100100.	49390.
Stddev	3.	6.	8.	39.	242.	201.
%RSD	.1993	.2209	.1683	.3100	.2415	.4059

#1	1265.	2495.	5029.	12580.	99870.	49280.
#2	1264.	2493.	5045.	12590.	100400.	49270.
#3	1260.	2485.	5032.	12650.	100100.	49620.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:56:07 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125500.	5128.	124100.	2530.	7548.	1004.
Stddev	150.	9.	484.	6.	17.	1.
%RSD	.1193	.1793	.3896	.2382	.2312	.0849

#1	125400.	5121.	123900.	2535.	7563.	1004.
#2	125700.	5139.	123800.	2532.	7553.	1003.
#3	125500.	5125.	124700.	2523.	7529.	1003.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2446.	2549.	2478.	2491.	1001.	2498.
Stddev	8.	12.	7.	4.	2.	7.
%RSD	.3190	.4718	.2669	.1747	.2238	.2900

#1	2450.	2560.	2472.	2496.	1003.	2505.
#2	2450.	2551.	2485.	2492.	999.2	2500.
#3	2437.	2536.	2478.	2487.	1000.	2491.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 19:56:07 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	994.3	5107.	9961.
Stddev	3.4	14.	36.
%RSD	.3372	.2690	.3640

#1	997.4	5101.	9954.
#2	994.7	5097.	9928.
#3	990.7	5123.	10000.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2338.4	33506.	5185.7
Stddev	1.5	102.	37.1
%RSD	.06206	.30364	.71628

#1	2339.9	33614.	5220.8
#2	2337.0	33493.	5189.5
#3	2338.4	33411.	5146.8

Sample Name: CCB Acquired: 9/30/2011 19:59:36 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.20	-2.244	.8035	.4356	.0433	-9.972
Stddev	23.06	2.021	.4433	.1049	.1110	18.74
%RSD	162.5	90.04	55.17	24.09	256.2	188.0

#1	39.07	-4.574	1.216	.5530	-.0777	-20.67
#2	9.997	-.9626	.8603	.3509	.0673	-20.92
#3	-6.478	-1.196	.3346	.4028	.1404	11.67

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1211	-.0300	-.0078	-.3349	-1.622	-52.53
Stddev	.0653	.3772	.2299	3.151	3.934	19.90
%RSD	53.91	1256.	2955.	940.9	242.5	37.88

#1	.1758	.1011	-.2652	2.088	-.7906	-75.43
#2	.0489	-.4552	.1772	-3.898	1.830	-42.82
#3	.1386	.2641	.0647	.8048	-5.905	-39.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:59:36 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8791	.3920	11.73	-.3472	.0329	3.114
Stddev	3.279	.0601	23.55	.2316	.6176	.850
%RSD	373.0	15.34	200.8	66.70	1877.	27.28
#1	.7971	.4609	1.268	-.5613	.6168	2.452
#2	4.199	.3643	38.70	-.3787	.0955	2.819
#3	-2.359	.3506	-4.783	-.1014	-.6136	4.072

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.175	.4517	.4826	.7900	1.295	4.851
Stddev	1.557	.5676	.5694	.2137	.312	.073
%RSD	49.06	125.7	118.0	27.05	24.05	1.500
#1	3.873	-.1723	.4201	1.035	1.555	4.876
#2	4.261	.5899	1.081	.6422	1.381	4.907
#3	1.390	.9375	-.0529	.6928	.9501	4.769

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 19:59:36 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3683	.2495	4.243
Stddev	.2532	.2205	1.398
%RSD	68.75	88.38	32.96

#1	.6559	.4821	2.652
#2	.2698	.0436	4.797
#3	.1791	.2226	5.278

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2545.3	36884.	5238.8
Stddev	3.2	277.	22.0
%RSD	.12498	.75153	.42016

#1	2546.7	36601.	5213.6
#2	2547.6	37155.	5249.1
#3	2541.7	36896.	5253.8

Sample Name: 460-31629-b-2-d@4 Acquired: 9/30/2011 20:03:29 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16130.	25.39	.4942	56.44	1.257	2830.
Stddev	120.	.21	.7676	.26	.068	22.
%RSD	.7408	.8389	155.3	.4660	5.413	.7855

#1	16100.	25.15	1.032	56.61	1.273	2818.
#2	16260.	25.45	.8353	56.58	1.182	2855.
#3	16030.	25.56	-.3848	56.14	1.316	2815.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1513	26.84	65.18	24.42	81990.	2706.
Stddev	.1810	.17	.19	1.51	95.	50.
%RSD	119.6	.6370	.2921	6.197	.1164	1.855

#1	.1216	26.65	65.04	22.68	81920.	2699.
#2	.3452	26.97	65.11	25.21	82100.	2660.
#3	-.0131	26.90	65.40	25.38	81940.	2760.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-2-d@4 Acquired: 9/30/2011 20:03:29 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6351.	410.5	1334.	45.99	8.865	-1.543
Stddev	6.	1.0	17.	.17	.974	.590
%RSD	.0923	.2324	1.283	.3734	10.99	38.25

#1	6348.	410.5	1353.	46.00	9.947	-1.864
#2	6346.	409.5	1331.	46.16	8.057	-.8619
#3	6357.	411.4	1319.	45.81	8.593	-1.904

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.119	3.399	91.82	98.53	11.91	3.588
Stddev	2.319	1.579	.62	.38	1.25	.389
%RSD	56.30	46.45	.6712	.3897	10.52	10.83

#1	4.872	4.847	92.50	98.67	13.25	3.232
#2	5.969	1.716	91.65	98.81	10.77	3.530
#3	1.517	3.635	91.30	98.09	11.71	4.003

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-b-2-d@4 Acquired: 9/30/2011 20:03:29 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.086	16.22	1043.
Stddev	.520	.13	10.
%RSD	16.86	.7793	.9119

#1	3.084	16.07	1037.
#2	3.607	16.32	1054.
#3	2.567	16.25	1037.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2605.9	37652.	5489.3
Stddev	4.4	113.	38.1
%RSD	.16807	.29986	.69343

#1	2600.9	37558.	5504.0
#2	2609.1	37777.	5446.1
#3	2607.7	37620.	5517.9

Sample Name: 460-31629-a-3-a@4 Acquired: 9/30/2011 20:07:11 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31200.	26.74	.2511	224.9	1.859	6446.
Stddev	22.	3.75	.9159	.8	.104	12.
%RSD	.0702	14.04	364.7	.3675	5.596	.1909

#1	31220.	28.37	.2143	225.2	1.738	6447.
#2	31180.	22.44	-.6458	225.6	1.917	6434.
#3	31180.	29.40	1.185	224.0	1.920	6458.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2260	22.84	79.29	61.26	146300.	6734.
Stddev	.0574	.18	.50	1.25	361.	14.
%RSD	25.38	.7929	.6256	2.048	.2464	.2046

#1	-.1785	23.00	79.27	59.83	146300.	6730.
#2	-.2097	22.87	79.79	61.78	146700.	6749.
#3	-.2897	22.64	78.80	62.17	146000.	6722.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-a-3-a@4 Acquired: 9/30/2011 20:07:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9194.	859.5	550.4	42.96	48.13	-4.762
Stddev	8.	2.4	16.3	.63	2.57	.890
%RSD	.0827	.2747	2.955	1.461	5.348	18.70
#1	9192.	856.8	569.2	43.00	51.10	-4.521
#2	9202.	861.4	540.7	43.57	46.68	-4.018
#3	9187.	860.2	541.4	42.31	46.61	-5.749

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.385	3.230	101.0	148.8	14.60	.8539
Stddev	2.268	2.229	.5	.7	.37	.2320
%RSD	163.7	69.00	.5352	.4914	2.558	27.16
#1	-.7908	5.207	101.5	149.2	14.79	1.111
#2	.5262	.8145	100.9	149.1	14.17	.7903
#3	-3.891	3.669	100.5	147.9	14.83	.6604

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31629-a-3-a@4 Acquired: 9/30/2011 20:07:11 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.946	78.94	977.8
Stddev	1.025	.13	2.8
%RSD	25.97	.1628	.2840

#1	5.111	78.97	979.3
#2	3.183	78.80	974.6
#3	3.545	79.05	979.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2616.6	37801.	5589.2
Stddev	5.8	170.	15.4
%RSD	.21989	.45075	.27568

#1	2623.2	37941.	5588.7
#2	2612.5	37849.	5604.9
#3	2614.2	37611.	5574.1

Sample Name: 460-31721-a-1-b@4 Acquired: 9/30/2011 20:10:53 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18010.	35.45	.2072	97.53	.7791	14990.
Stddev	35.	.50	.5388	.65	.0363	35.
%RSD	.1964	1.400	260.0	.6688	4.665	.2328

#1	18020.	35.80	.3196	98.06	.7523	14970.
#2	18040.	34.88	-.3789	97.73	.8205	15030.
#3	17970.	35.67	.6810	96.80	.7646	14980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.850	6.811	37.18	62.04	27650.	1077.
Stddev	.099	.142	.15	1.67	90.	42.
%RSD	2.042	2.093	.3984	2.692	.3249	3.894

#1	4.965	6.931	37.35	62.28	27680.	1119.
#2	4.790	6.653	37.11	63.58	27720.	1036.
#3	4.797	6.850	37.09	60.26	27550.	1077.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-1-b@4 Acquired: 9/30/2011 20:10:53 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50070.	256.6	397.0	19.22	3368.	52.43
Stddev	94.	.5	8.2	.36	17.	1.01
%RSD	.1879	.1837	2.065	1.861	.5112	1.917

#1	50100.	256.9	406.4	18.93	3377.	51.46
#2	50150.	256.9	391.7	19.62	3379.	53.46
#3	49970.	256.1	392.8	19.12	3348.	52.37

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.379	3.977	62.88	140.6	17.61	1.956
Stddev	4.134	1.237	.37	.7	.76	.085
%RSD	173.7	31.11	.5912	.4649	4.330	4.358

#1	4.168	5.254	63.31	141.0	18.08	1.861
#2	-2.348	3.893	62.68	141.0	18.01	2.027
#3	5.318	2.784	62.65	139.8	16.73	1.979

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-1-b@4 Acquired: 9/30/2011 20:10:53 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	22.26	25.40	234.0
Stddev	1.59	.22	1.4
%RSD	7.137	.8533	.5902

#1	24.09	25.19	233.4
#2	21.45	25.63	233.0
#3	21.24	25.39	235.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2556.4	36926.	5437.9
Stddev	.8	127.	5.9
%RSD	.03288	.34432	.10926

#1	2555.6	37008.	5432.2
#2	2557.2	36991.	5437.5
#3	2556.5	36780.	5444.0

Sample Name: 460-31721-a-2-b@4 Acquired: 9/30/2011 20:14:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14320.	47.75	.8689	99.75	.6233	34220.
Stddev	32.	.06	.3903	.24	.0262	45.
%RSD	.2267	.1243	44.92	.2443	4.200	.1305

#1	14280.	47.81	1.283	99.91	.6389	34240.
#2	14330.	47.72	.5078	99.88	.6379	34170.
#3	14340.	47.71	.8160	99.47	.5931	34260.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.708	8.943	37.49	59.74	29810.	1313.
Stddev	.025	.216	.73	2.91	21.	56.
%RSD	.5290	2.418	1.960	4.871	.0715	4.242

#1	4.705	9.177	38.31	56.84	29790.	1374.
#2	4.734	8.750	37.28	59.71	29820.	1265.
#3	4.684	8.903	36.88	62.66	29840.	1298.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-2-b@4 Acquired: 9/30/2011 20:14:34 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	139200.	292.1	116.0	25.30	2567.	34.18
Stddev	259.	1.8	3.1	.56	8.	1.06
%RSD	.1864	.6007	2.701	2.218	.3144	3.095
#1	139500.	293.9	119.6	24.67	2568.	33.13
#2	139200.	291.9	114.3	25.74	2575.	35.25
#3	138900.	290.4	114.0	25.51	2559.	34.16
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.361	1.836	60.85	158.7	37.87	3.533
Stddev	1.641	1.860	.29	.5	1.11	.255
%RSD	69.50	101.3	.4723	.3387	2.923	7.219
#1	.4944	3.957	61.13	158.6	36.76	3.746
#2	3.576	.4772	60.56	159.3	38.97	3.603
#3	3.012	1.075	60.86	158.3	37.88	3.250
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31721-a-2-b@4 Acquired: 9/30/2011 20:14:34 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	18.78	47.21	296.1
Stddev	.51	.14	4.2
%RSD	2.714	.2942	1.422

#1	19.17	47.37	292.0
#2	18.20	47.13	296.0
#3	18.96	47.12	300.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2489.6	35814.	5352.9
Stddev	2.6	51.	24.6
%RSD	.10307	.14131	.45916

#1	2492.2	35755.	5353.8
#2	2489.4	35840.	5377.0
#3	2487.1	35845.	5327.9

Sample Name: 460-31725-e-1-e@4 Acquired: 9/30/2011 20:18:15 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2792.	10.66	.7660	18.10	.3658	473.1
Stddev	38.	.88	.8042	.15	.1120	8.2
%RSD	1.354	8.209	105.0	.8121	30.62	1.726
#1	2836.	10.77	1.243	18.23	.4901	480.1
#2	2770.	11.48	-.1624	17.94	.3345	475.0
#3	2770.	9.742	1.217	18.12	.2727	464.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3568	3.866	24.82	13.62	22750.	396.1
Stddev	.0860	.240	.46	2.87	87.	71.3
%RSD	24.11	6.203	1.835	21.10	.3831	18.01
#1	.3690	3.987	25.34	12.22	22840.	429.4
#2	.4361	4.022	24.50	11.71	22670.	314.2
#3	.2653	3.590	24.63	16.92	22730.	444.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31725-e-1-e@4 Acquired: 9/30/2011 20:18:15 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	377.5	84.61	37.30	5.727	15.03	.1554
Stddev	9.4	.22	20.51	.303	1.26	1.454
%RSD	2.477	.2554	55.00	5.300	8.399	935.9

#1	387.2	84.77	29.66	5.394	14.14	-1.483
#2	368.5	84.36	21.70	5.799	14.48	1.292
#3	376.9	84.69	60.53	5.988	16.47	.6572

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.447	-.1200	26.53	69.59	2.226	1.542
Stddev	2.375	1.079	.20	.57	.617	.145
%RSD	97.04	899.1	.7515	.8177	27.73	9.426

#1	3.623	1.093	26.69	69.91	2.287	1.375
#2	-.2861	-.9725	26.59	69.93	2.810	1.639
#3	4.004	-.4811	26.31	68.93	1.580	1.612

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31725-e-1-e@4 Acquired: 9/30/2011 20:18:15 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.733	4.293	99.49
Stddev	1.092	.076	1.66
%RSD	63.01	1.762	1.665

#1	.4960	4.360	101.2
#2	2.140	4.211	97.84
#3	2.563	4.309	99.47

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2570.4	37482.	5386.9
Stddev	2.2	158.	51.9
%RSD	.08589	.42193	.96346

#1	2569.8	37485.	5334.9
#2	2568.5	37639.	5438.7
#3	2572.8	37323.	5387.1

Sample Name: 460-31752-a-1-a@4 Acquired: 9/30/2011 20:22:00 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	82830.	15.55	-.0696	212.9	1.732	2759.
Stddev	577.	1.01	.4925	.4	.048	9.
%RSD	.6969	6.466	707.7	.2111	2.780	.3257
#1	83460.	16.65	.0223	213.4	1.783	2764.
#2	82700.	15.29	.3705	212.9	1.687	2749.
#3	82330.	14.69	-.6015	212.5	1.727	2765.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2337	24.46	136.1	120.9	110400.	3159.
Stddev	.1278	.20	.6	3.5	420.	42.
%RSD	54.68	.8247	.4591	2.901	.3801	1.319
#1	-.1914	24.25	136.8	117.0	110800.	3162.
#2	-.1325	24.65	135.9	121.9	110300.	3116.
#3	-.3773	24.49	135.7	123.8	110000.	3199.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-1-a@4 Acquired: 9/30/2011 20:22:00 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12930.	700.3	73.83	58.35	55.82	-3.934
Stddev	34.	2.8	6.23	.39	1.20	.885
%RSD	.2593	.4041	8.434	.6620	2.147	22.51

#1	12970.	703.5	66.97	58.69	55.97	-4.866
#2	12910.	699.3	75.42	57.93	54.55	-3.832
#3	12910.	698.0	79.12	58.43	56.94	-3.104

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0987	-1.526	207.1	304.7	8.474	.3907
Stddev	1.890	2.009	1.0	.6	.304	.3255
%RSD	1916.	131.7	.5040	.2082	3.589	83.31

#1	1.492	-2.297	208.3	304.7	8.580	.6802
#2	-2.188	-3.036	206.9	305.3	8.711	.4537
#3	.4005	.7545	206.3	304.1	8.131	.0383

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-1-a@4 Acquired: 9/30/2011 20:22:00 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.352	21.82	2571.
Stddev	.787	.19	16.
%RSD	10.71	.8672	.6045

#1	7.864	22.04	2588.
#2	7.746	21.69	2569.
#3	6.445	21.73	2557.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2587.0	37079.	5474.6
Stddev	4.8	81.	28.8
%RSD	.18432	.21898	.52667

#1	2581.6	36987.	5442.7
#2	2588.8	37141.	5482.4
#3	2590.6	37109.	5498.8

Sample Name: 460-31752-a-2-a@4 Acquired: 9/30/2011 20:25:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	94430.	22.00	-.3353	281.9	2.434	4364.
Stddev	51.	1.86	.5836	.8	.126	26.
%RSD	.0536	8.474	174.0	.2869	5.194	.6060

#1	94470.	21.20	-.1325	282.9	2.443	4394.
#2	94430.	24.13	.1199	281.6	2.303	4344.
#3	94370.	20.67	-.9933	281.3	2.555	4353.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0193	39.81	145.4	148.2	136300.	4172.
Stddev	.0597	.29	.2	2.4	484.	30.
%RSD	309.2	.7206	.1406	1.647	.3551	.7081

#1	.0357	39.71	145.6	149.6	136200.	4166.
#2	-.0469	40.14	145.2	145.4	136900.	4145.
#3	.0691	39.59	145.4	149.6	135900.	4204.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-2-a@4 Acquired: 9/30/2011 20:25:41 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14710.	1541.	99.89	74.00	149.8	-2.669
Stddev	29.	1.	7.82	1.01	1.1	2.222
%RSD	.1969	.0335	7.830	1.367	.7559	83.25

#1	14720.	1540.	93.31	74.41	149.1	-5.079
#2	14740.	1541.	108.5	74.75	151.1	-.7018
#3	14680.	1541.	97.83	72.85	149.2	-2.227

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.343	-5.018	246.7	418.8	10.60	1.233
Stddev	3.739	1.861	.5	1.8	.28	.361
%RSD	159.6	37.09	.2176	.4216	2.639	29.26

#1	-.6227	-6.114	246.8	419.5	10.61	1.232
#2	6.543	-2.868	247.1	420.1	10.88	.8730
#3	1.109	-6.070	246.1	416.8	10.32	1.595

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-a-2-a@4 Acquired: 9/30/2011 20:25:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	11.33	32.51	2950.
Stddev	.38	.09	4.
%RSD	3.327	.2801	.1457

#1	11.23	32.61	2954.
#2	11.02	32.46	2948.
#3	11.75	32.45	2946.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2578.5	37071.	5470.8
Stddev	8.6	180.	31.6
%RSD	.33435	.48599	.57779

#1	2587.4	37205.	5440.7
#2	2578.0	37141.	5503.7
#3	2570.2	36866.	5468.1

Sample Name: 460-31752-f-3-c@4 Acquired: 9/30/2011 20:29:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	71810.	37.47	.1300	180.2	2.957	3038.
Stddev	349.	1.42	.5640	.8	.140	12.
%RSD	.4856	3.803	433.8	.4606	4.736	.4034

#1	72130.	38.47	.2924	180.8	3.099	3052.
#2	71850.	38.09	.5950	180.7	2.819	3030.
#3	71440.	35.84	-.4974	179.3	2.954	3031.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1796	42.64	167.7	149.4	167100.	3140.
Stddev	.0897	.35	.2	5.9	85.	33.
%RSD	49.97	.8320	.1441	3.947	.0507	1.065

#1	-.0760	42.97	168.0	154.2	167200.	3155.
#2	-.2292	42.68	167.7	142.8	167000.	3163.
#3	-.2336	42.27	167.5	151.2	167000.	3101.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-f-3-c@4 Acquired: 9/30/2011 20:29:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12220.	1847.	2.804	54.44	120.2	-3.781
Stddev	28.	7.	10.20	.10	1.4	1.517
%RSD	.2287	.3918	363.7	.1848	1.179	40.13
#1	12240.	1850.	-5.097	54.33	121.6	-2.052
#2	12190.	1838.	-.8061	54.53	120.1	-4.399
#3	12230.	1852.	14.31	54.46	118.8	-4.893

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.598	4.159	288.1	240.9	8.667	1.620
Stddev	1.066	.522	1.0	1.2	.861	.222
%RSD	19.05	12.55	.3317	.5061	9.936	13.68
#1	4.367	3.601	288.3	241.6	8.267	1.688
#2	6.224	4.636	287.1	241.6	9.655	1.799
#3	6.203	4.239	289.0	239.5	8.078	1.372

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31752-f-3-c@4 Acquired: 9/30/2011 20:29:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	7.979	23.63	1997.
Stddev	.394	.13	9.
%RSD	4.932	.5701	.4301

#1	7.627	23.77	2004.
#2	8.404	23.62	2000.
#3	7.905	23.50	1987.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2570.8	37089.	5490.8
Stddev	2.7	171.	5.1
%RSD	.10682	.46081	.09243

#1	2573.7	36993.	5495.3
#2	2568.2	37286.	5491.8
#3	2570.6	36987.	5485.3

Sample Name: 460-31634-a-1-f@4 Acquired: 9/30/2011 20:33:01 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51290.	11.54	.7566	217.3	1.812	10330.
Stddev	283.	1.61	.4449	1.1	.096	45.
%RSD	.5521	13.99	58.80	.4982	5.298	.4318
#1	51560.	9.733	.7643	218.5	1.910	10380.
#2	51320.	12.05	1.198	216.9	1.807	10300.
#3	51000.	12.84	.3079	216.4	1.718	10310.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0378	44.24	107.9	201.3	96490.	2736.
Stddev	.0847	.24	1.2	2.3	242.	73.
%RSD	223.8	.5382	1.132	1.145	.2503	2.668
#1	.0439	44.40	108.0	203.2	96540.	2659.
#2	.1193	44.34	109.0	198.7	96700.	2743.
#3	-.0497	43.96	106.6	201.9	96230.	2805.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31634-a-1-f@4 Acquired: 9/30/2011 20:33:01 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15520.	1505.	765.5	74.24	60.89	-2.015
Stddev	5.	2.	14.0	.65	1.06	2.062
%RSD	.0327	.1518	1.827	.8804	1.746	102.4

#1	15530.	1507.	778.1	74.79	60.03	.2529
#2	15520.	1504.	767.9	74.40	62.08	-2.519
#3	15520.	1503.	750.5	73.52	60.56	-3.778

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.197	-.7093	175.4	178.9	13.68	.0929
Stddev	3.776	2.355	1.1	.6	.34	.1417
%RSD	118.1	332.0	.6210	.3605	2.505	152.5

#1	2.208	1.931	176.1	179.3	14.03	-.0631
#2	.0133	-2.594	176.1	179.3	13.65	.1283
#3	7.369	-1.465	174.2	178.1	13.35	.2137

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31634-a-1-f@4 Acquired: 9/30/2011 20:33:01 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.782	42.19	1865.
Stddev	.482	.08	8.
%RSD	8.345	.1902	.4487

#1	5.401	42.19	1873.
#2	6.325	42.27	1866.
#3	5.620	42.11	1856.

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2629.1	38000.	5609.2
Stddev	3.7	86.	24.8
%RSD	.14263	.22721	.44182

#1	2625.3	37909.	5588.5
#2	2632.7	38081.	5602.5
#3	2629.3	38010.	5636.7

Sample Name: 460-31413-a-7-b Acquired: 9/30/2011 20:36:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	240.1	3.046	.7774	276.0	.0610	12560.
Stddev	4.0	1.737	.6490	1.8	.0627	35.
%RSD	1.667	57.01	83.49	.6407	102.7	.2767
#1	238.2	2.704	1.519	276.5	.1303	12540.
#2	244.7	4.928	.3125	277.5	.0083	12600.
#3	237.4	1.506	.5008	274.1	.0445	12540.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1236	.3759	35.05	12.50	367.5	1409.
Stddev	.0491	.1590	.38	2.75	2.5	22.
%RSD	39.71	42.30	1.092	21.96	.6773	1.554
#1	.1127	.3449	35.48	9.334	370.2	1433.
#2	.0809	.2347	34.76	13.94	365.3	1405.
#3	.1772	.5481	34.89	14.23	367.1	1390.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31413-a-7-b Acquired: 9/30/2011 20:36:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6877.	11.95	7925.	1.411	131.8	40.58
Stddev	17.	.02	4.	.419	2.5	1.96
%RSD	.2531	.2020	.0457	29.69	1.881	4.829

#1	6869.	11.98	7923.	1.068	132.2	42.83
#2	6897.	11.95	7922.	1.878	134.1	39.34
#3	6864.	11.93	7929.	1.287	129.2	39.56

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.710	3.339	5.693	57.25	107.0	5.591
Stddev	2.325	1.162	.376	.47	1.1	.088
%RSD	62.67	34.79	6.601	.8223	.9941	1.576

#1	6.051	2.890	6.038	57.35	106.6	5.683
#2	1.402	4.658	5.747	57.66	108.2	5.508
#3	3.675	2.469	5.293	56.73	106.2	5.581

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31413-a-7-b Acquired: 9/30/2011 20:36:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	3.088	97.80	6.222
Stddev	.489	.06	2.256
%RSD	15.85	.0585	36.26

#1	2.810	97.80	4.607
#2	2.802	97.74	5.259
#3	3.653	97.85	8.800

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2556.3	37210.	5416.4
Stddev	7.4	176.	15.2
%RSD	.29038	.47241	.28072

#1	2563.9	37410.	5418.1
#2	2555.9	37078.	5430.6
#3	2549.1	37142.	5400.4

Sample Name: CCV Acquired: 9/30/2011 20:40:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	2477.	1234.	10020.	990.8	126000.
Stddev	283.	18.	3.	81.	1.6	320.
%RSD	.2264	.7138	.2817	.8041	.1659	.2537

#1	124700.	2489.	1238.	10070.	990.3	125800.
#2	124800.	2486.	1232.	10070.	989.5	125800.
#3	125200.	2457.	1231.	9931.	992.6	126400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1258.	2485.	5001.	12450.	99720.	49640.
Stddev	10.	23.	14.	21.	299.	365.
%RSD	.8044	.9347	.2855	.1648	.2999	.7354

#1	1265.	2500.	5015.	12440.	99970.	49380.
#2	1263.	2496.	5000.	12440.	99800.	49490.
#3	1247.	2458.	4986.	12470.	99390.	50060.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 20:40:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124700.	5053.	123900.	2521.	7536.	999.9
Stddev	507.	27.	437.	23.	64.	10.8
%RSD	.4069	.5328	.3531	.9318	.8515	1.077

#1	125100.	5081.	123500.	2535.	7576.	1005.
#2	124800.	5052.	123800.	2534.	7571.	1007.
#3	124100.	5027.	124400.	2494.	7462.	987.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2445.	2529.	2468.	2489.	1000.0	2484.
Stddev	11.	25.	8.	22.	5.46	28.
%RSD	.4596	.9911	.3255	.8940	.5458	1.120

#1	2448.	2547.	2475.	2504.	1004.	2501.
#2	2455.	2540.	2471.	2499.	1003.	2498.
#3	2433.	2500.	2459.	2463.	993.7	2452.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 20:40:30 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	993.0	5014.	9873.
Stddev	6.1	11.	14.
%RSD	.6133	.2115	.1454

#1	996.7	5006.	9861.
#2	996.4	5010.	9870.
#3	986.0	5026.	9889.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2330.7	33768.	5228.0
Stddev	8.6	15.	21.8
%RSD	.36728	.04435	.41652

#1	2340.1	33783.	5234.5
#2	2323.4	33768.	5245.7
#3	2328.7	33753.	5203.7

Sample Name: CCB Acquired: 9/30/2011 20:43:59 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3607	-2.068	.8909	.2768	.0445	-2.759
Stddev	11.10	.658	.1670	.0527	.1115	8.500
%RSD	3077.	31.83	18.74	19.05	250.5	308.0

#1	7.323	-1.532	.8163	.2926	.1077	-6.399
#2	6.198	-1.869	.7743	.2180	.1101	-8.833
#3	-12.44	-2.803	1.082	.3199	-.0842	6.954

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0961	.0100	-.5657	-1.477	7.314	.2874
Stddev	.0197	.2333	.3460	1.668	12.56	62.47
%RSD	20.46	2331.	61.16	112.9	171.8	21740.

#1	.0764	.2636	-.9512	-1.454	20.16	-45.92
#2	.1157	-.0381	-.4639	-3.157	-4.948	-24.58
#3	.0961	-.1955	-.2821	.1794	6.732	71.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 20:43:59 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.771	.0978	5.997	-.1905	-.9373	3.508
Stddev	3.799	.1048	15.85	.3593	.8145	2.067
%RSD	79.62	107.2	264.3	188.7	86.90	58.93

#1	7.804	.2158	6.808	-.5336	-.7354	3.125
#2	5.998	.0617	21.42	.1831	-1.834	5.741
#3	.5102	.0158	-10.24	-.2209	-.2427	1.659

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.653	2.281	.2809	.7780	1.142	4.085
Stddev	2.175	2.038	.5538	.3888	1.427	.502
%RSD	46.74	89.37	197.2	49.98	125.0	12.28

#1	6.366	3.401	.4435	1.040	2.704	4.013
#2	2.206	3.513	.7352	.9628	-.0933	4.618
#3	5.386	-.0720	-.3361	.3313	.8147	3.623

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 20:43:59 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1434	.2097	3.009
Stddev	.2327	.0938	.700
%RSD	162.3	44.74	23.28

#1	.2125	.3171	2.903
#2	-.1160	.1683	3.756
#3	.3336	.1437	2.368

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2526.0	36894.	5267.2
Stddev	5.3	20.	11.4
%RSD	.21001	.05528	.21680

#1	2532.0	36905.	5272.7
#2	2522.1	36871.	5254.1
#3	2524.0	36906.	5274.8

Sample Name: mb 460-87877/1-a Acquired: 9/30/2011 20:47:52 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.51	-1.824	.1397	.0019	-.0317	-15.41
Stddev	11.99	2.387	1.117	.0171	.0385	14.11
%RSD	82.60	130.9	799.9	883.1	121.1	91.58

#1	20.75	-.2757	1.133	-.0178	-.0761	-31.02
#2	22.10	-.6220	-1.070	.0106	-.0109	-3.574
#3	.6921	-4.573	.3560	.0130	-.0082	-11.62

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0020	-.1510	-.2028	-.2817	-.9617	-46.74
Stddev	.0625	.2693	.4252	2.626	3.053	74.56
%RSD	3084.	178.4	209.7	932.0	317.5	159.5

#1	-.0015	.0149	-.5361	-3.113	1.849	-18.58
#2	-.0586	-.4617	.2761	2.074	-.5247	9.649
#3	.0662	-.0061	-.3483	.1940	-4.210	-131.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87877/1-a Acquired: 9/30/2011 20:47:52 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2128	.1603	9.475	.0340	-.8270	.4328
Stddev	1.746	.0011	19.45	.3600	.7987	1.696
%RSD	820.6	.6635	205.3	1060.	96.57	391.8
#1	-1.696	.1609	.4281	-.1659	.0580	-1.334
#2	.6031	.1609	31.80	-.1818	-1.045	.5858
#3	1.731	.1590	-3.809	.4496	-1.494	2.047

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5353	.7084	.1974	.3384	1.737	.5119
Stddev	3.512	.7693	.6460	.1393	.399	.1404
%RSD	656.0	108.6	327.2	41.16	22.96	27.43
#1	.1559	1.528	.3425	.3528	1.286	.3612
#2	4.221	.0025	.7586	.4699	1.883	.5354
#3	-2.771	.5945	-.5088	.1924	2.042	.6391

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87877/1-a Acquired: 9/30/2011 20:47:52 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2472	.0036	.9690
Stddev	.8977	.1871	2.101
%RSD	363.2	5194.	216.8

#1	-1.279	-.2034	2.753
#2	.1865	.0536	-1.347
#3	.3514	.1606	1.501

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2567.1	37620.	5349.9
Stddev	2.8	181.	29.6
%RSD	.10903	.48036	.55326

#1	2565.3	37416.	5315.7
#2	2570.3	37761.	5365.7
#3	2565.6	37681.	5368.1

Sample Name: lcs 460-87877/2-a Acquired: 9/30/2011 20:51:44 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2061.	1938.	48.96	2040.	50.25	20870.
Stddev	26.	12.	.55	14.	.39	112.
%RSD	1.242	.6063	1.127	.6877	.7826	.5348

#1	2036.	1947.	49.45	2052.	49.80	20760.
#2	2087.	1943.	48.36	2043.	50.50	20980.
#3	2062.	1925.	49.07	2025.	50.45	20870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.49	515.6	204.2	252.9	1018.	19520.
Stddev	.36	2.9	1.5	1.6	8.	104.
%RSD	.7036	.5615	.7561	.6207	.7582	.5315

#1	51.74	517.9	205.8	251.3	1017.	19400.
#2	51.66	516.6	204.2	254.4	1011.	19590.
#3	51.08	512.4	202.7	253.1	1027.	19570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87877/2-a Acquired: 9/30/2011 20:51:44 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19900.	525.3	19930.	524.0	528.1	496.5
Stddev	99.	2.3	97.	3.6	5.0	4.6
%RSD	.4952	.4284	.4863	.6942	.9386	.9218

#1	19970.	526.5	19820.	527.6	531.9	501.8
#2	19930.	526.8	20000.	524.0	530.0	494.0
#3	19780.	522.7	19970.	520.3	522.5	493.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1921.	2192.	497.0	509.3	507.2	501.4
Stddev	6.	18.	1.2	3.4	1.5	4.7
%RSD	.3058	.7995	.2482	.6735	.3054	.9396

#1	1926.	2209.	497.8	512.8	508.1	505.6
#2	1921.	2193.	497.7	509.3	508.1	502.2
#3	1915.	2174.	495.6	505.9	505.4	496.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87877/2-a Acquired: 9/30/2011 20:51:44 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	506.4	492.6	502.3
Stddev	5.8	2.8	.6
%RSD	1.151	.5697	.1103

#1	512.7	490.1	502.9
#2	505.2	495.6	502.2
#3	501.2	492.2	501.9

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2494.3	36206.	5311.6
Stddev	4.8	57.	12.4
%RSD	.19223	.15816	.23397

#1	2490.8	36246.	5325.0
#2	2499.7	36140.	5300.4
#3	2492.3	36231.	5309.3

Sample Name: 460-31513-a-9-c du Acquired: 9/30/2011 20:55:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	712.7	7.336	.5939	4998.	-.0368	F 623500.
Stddev	15.5	1.548	.5718	62.	.0620	1378.
%RSD	2.172	21.10	96.27	1.248	168.4	.2210
#1	729.6	8.515	1.143	5044.	-.0303	623400.
#2	709.1	7.909	.0020	5023.	.0217	624900.
#3	699.3	5.583	.6368	4927.	-.1018	622100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2675	1.943	1315.	5.366	390.8	5064.
Stddev	.0307	.226	11.	5.233	9.7	60.
%RSD	11.47	11.62	.8423	97.52	2.488	1.190
#1	.2327	1.699	1325.	8.140	381.3	5093.
#2	.2794	1.987	1317.	-.6698	400.8	5104.
#3	.2905	2.144	1303.	8.628	390.4	4994.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-c du Acquired: 9/30/2011 20:55:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	191.4	5.085	4052.	3.767	7858.	22.41
Stddev	2.6	.016	16.	.551	89.	.42
%RSD	1.334	.3146	.3938	14.63	1.127	1.853
#1	194.3	5.075	4059.	3.308	7929.	22.40
#2	190.1	5.103	4063.	4.378	7885.	22.00
#3	189.8	5.076	4033.	3.616	7759.	22.83

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.866	.3650	2.108	860.3	5.362	.9259
Stddev	.9844	1.721	.266	11.1	.525	.1850
%RSD	202.3	471.6	12.61	1.291	9.793	19.98
#1	.5070	2.061	1.804	868.6	4.771	.7127
#2	-1.461	-1.381	2.226	864.7	5.772	1.044
#3	-5.053	.4151	2.295	847.7	5.544	1.021

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-c du Acquired: 9/30/2011 20:55:14 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	6.322	690.8	49.31
Stddev	.297	1.8	3.89
%RSD	4.704	.2666	7.880

#1	6.641	692.5	52.07
#2	6.274	691.2	44.86
#3	6.052	688.9	50.99

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2312.8	33236.	5181.9
Stddev	4.2	111.	19.3
%RSD	.18247	.33483	.37264

#1	2308.0	33127.	5179.7
#2	2315.4	33349.	5163.8
#3	2315.2	33233.	5202.3

Sample Name: 460-31513-a-9-b Acquired: 9/30/2011 20:59:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	707.0	6.095	.3148	4888.	-.0182	F 608900.
Stddev	22.8	2.759	.4983	63.	.0938	3293.
%RSD	3.221	45.28	158.3	1.281	516.9	.5407
#1	703.5	8.392	.1111	4919.	.0327	608500.
#2	731.3	6.858	.8827	4930.	-.1264	612400.
#3	686.1	3.034	-.0495	4816.	.0393	605900.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3968	1.792	1290.	3.458	395.8	4989.
Stddev	.0359	.172	7.	2.942	5.6	49.
%RSD	9.056	9.618	.5178	85.09	1.414	.9776
#1	.4369	1.969	1291.	.3417	396.6	4981.
#2	.3858	1.784	1296.	6.188	389.8	5042.
#3	.3676	1.624	1283.	3.844	400.9	4945.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-b Acquired: 9/30/2011 20:59:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	191.9	4.923	3974.	4.250	7697.	23.22
Stddev	1.6	.030	23.	.346	89.	1.42
%RSD	.8253	.6124	.5870	8.135	1.162	6.103
#1	193.7	4.890	3949.	4.191	7743.	24.85
#2	191.5	4.930	3995.	4.621	7754.	22.27
#3	190.6	4.949	3978.	3.937	7594.	22.54

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.260	-0.6433	1.829	844.0	5.990	-0.2025
Stddev	2.088	1.183	.116	11.6	.291	.4959
%RSD	92.38	183.9	6.351	1.377	4.866	244.9
#1	.0843	.7096	1.962	849.8	5.688	-.7387
#2	2.449	-1.481	1.746	851.6	6.269	-.1083
#3	4.248	-1.158	1.778	830.6	6.012	.2396

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-b Acquired: 9/30/2011 20:59:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	5.912	674.6	51.94
Stddev	.639	5.2	.24
%RSD	10.81	.7667	.4652

#1	5.750	676.9	51.87
#2	5.370	678.2	51.75
#3	6.617	668.7	52.21

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2318.1	33335.	5209.6
Stddev	4.1	58.	17.9
%RSD	.17815	.17256	.34372

#1	2322.1	33387.	5206.5
#2	2313.8	33345.	5193.4
#3	2318.3	33273.	5228.8

Sample Name: sd 460-31513-a-9-b@5 Acquired: 9/30/2011 21:03:04 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	159.5	-.2728	.7811	980.9	.0496	136500.
Stddev	13.9	4.039	.3553	12.1	.0532	328.
%RSD	8.709	1481.	45.49	1.231	107.3	.2402

#1	144.0	-4.771	1.172	989.3	.0361	136300.
#2	170.9	.9073	.4782	986.5	.0044	136800.
#3	163.6	3.045	.6930	967.1	.1082	136200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1127	.3619	256.5	.9193	73.24	906.9
Stddev	.0774	.1031	1.1	1.215	3.91	32.9
%RSD	68.71	28.49	.4196	132.1	5.338	3.623

#1	.1903	.2802	257.7	2.270	69.26	883.7
#2	.1121	.4778	256.4	.5727	73.40	944.5
#3	.0355	.3278	255.5	-.0843	77.07	892.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31513-a-9-b@5 Acquired: 9/30/2011 21:03:04 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41.76	.9596	801.8	.5408	1596.	5.295
Stddev	2.82	.0303	5.0	.3445	15.	1.657
%RSD	6.754	3.152	.6244	63.70	.9186	31.30

#1	38.81	.9752	796.7	.3984	1606.	3.447
#2	44.42	.9790	801.8	.9336	1604.	5.786
#3	42.05	.9248	806.7	.2904	1580.	6.651

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.010	1.721	.5419	171.8	1.238	-.4867
Stddev	.900	2.341	.3822	2.0	.952	.3628
%RSD	89.14	136.0	70.53	1.150	76.91	74.55

#1	1.643	1.272	.4404	173.1	2.260	-.4437
#2	1.408	-.3627	.9647	172.7	.3757	-.8691
#3	-.0207	4.253	.2207	169.5	1.078	-.1473

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31513-a-9-b@5 Acquired: 9/30/2011 21:03:04 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6561	134.8	15.23
Stddev	.9073	.5	1.92
%RSD	138.3	.3433	12.57

#1	1.028	134.8	13.04
#2	1.319	135.2	16.57
#3	-.3779	134.3	16.08

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2466.9	35773.	5283.5
Stddev	1.8	76.	14.2
%RSD	.07365	.21330	.26797

#1	2465.8	35699.	5299.1
#2	2469.0	35767.	5279.6
#3	2465.9	35852.	5271.6

Sample Name: 460-31513-a-9-d.ms Acquired: 9/30/2011 21:06:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2760.	2023.	51.11	6922.	48.67	F 624500.
Stddev	4.	23.	.13	65.	.09	3533.
%RSD	.1440	1.149	.2466	.9365	.1777	.5657

#1	2764.	2039.	51.01	6974.	48.59	628200.
#2	2761.	2034.	51.07	6941.	48.76	624200.
#3	2756.	1997.	51.25	6849.	48.64	621200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.72	498.0	1508.	260.8	1382.	25490.
Stddev	.50	5.0	8.	5.1	4.	145.
%RSD	.9925	1.003	.5434	1.954	.3090	.5673

#1	51.09	501.9	1513.	255.6	1385.	25330.
#2	50.92	499.7	1512.	265.8	1385.	25600.
#3	50.14	492.4	1499.	260.9	1377.	25550.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-d.ms Acquired: 9/30/2011 21:06:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19160.	523.4	24610.	507.8	8231.	531.2
Stddev	78.	2.1	69.	4.5	72.	5.7
%RSD	.4090	.4069	.2811	.8865	.8717	1.080

#1	19200.	524.3	24560.	511.4	8288.	536.1
#2	19210.	525.0	24690.	509.2	8254.	532.6
#3	19070.	521.0	24580.	502.7	8151.	524.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1959.	2010.	500.4	1347.	508.1	497.2
Stddev	20.	24.	2.5	13.	3.5	6.8
%RSD	1.029	1.213	.4975	.9858	.6879	1.375

#1	1977.	2030.	500.5	1357.	510.5	502.1
#2	1964.	2018.	502.8	1351.	509.6	500.0
#3	1937.	1983.	497.8	1332.	504.1	489.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-9-d ms Acquired: 9/30/2011 21:06:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	497.7	1176.	553.4
Stddev	5.5	3.	1.9
%RSD	1.108	.2551	.3424

#1	501.7	1173.	551.2
#2	499.8	1179.	554.4
#3	491.4	1175.	554.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2294.5	33063.	5159.4
Stddev	4.9	124.	10.6
%RSD	.21239	.37623	.20560

#1	2292.4	33151.	5151.8
#2	2300.1	32921.	5171.5
#3	2291.1	33118.	5154.9

Sample Name: pds 460-31513-a-9-b Acquired: 9/30/2011 21:10:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2720.	2007.	49.98	6780.	48.38	F 611700.
Stddev	35.	7.	.57	27.	.19	4896.
%RSD	1.299	.3356	1.149	.3936	.3902	.8005

#1	2681.	2002.	49.42	6787.	48.20	607800.
#2	2730.	2015.	49.95	6803.	48.57	617200.
#3	2750.	2004.	50.57	6750.	48.38	610000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.34	494.8	1465.	259.1	1353.	25270.
Stddev	.30	2.2	4.	1.3	5.	170.
%RSD	.6055	.4430	.2911	.5149	.3905	.6711

#1	50.57	495.8	1467.	258.2	1359.	25130.
#2	50.45	496.3	1468.	260.6	1349.	25460.
#3	50.00	492.3	1460.	258.4	1350.	25230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31513-a-9-b Acquired: 9/30/2011 21:10:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	18990.	518.9	24450.	504.2	8029.	527.4
Stddev	42.	1.9	119.	2.6	20.	1.8
%RSD	.2237	.3716	.4868	.5156	.2433	.3379

#1	19010.	521.1	24320.	504.5	8038.	529.3
#2	19020.	518.4	24550.	506.6	8042.	527.0
#3	18940.	517.3	24480.	501.5	8006.	525.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1952.	2011.	495.3	1320.	520.2	494.9
Stddev	14.	5.	2.1	5.	1.6	3.6
%RSD	.6952	.2465	.4148	.3988	.3071	.7366

#1	1967.	2005.	493.7	1321.	520.1	497.0
#2	1949.	2012.	497.6	1325.	521.9	497.0
#3	1941.	2015.	494.6	1314.	518.7	490.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31513-a-9-b Acquired: 9/30/2011 21:10:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	494.7	1156.	550.0
Stddev	2.8	4.	3.0
%RSD	.5697	.3758	.5480

#1	493.6	1152.	548.1
#2	497.9	1161.	553.4
#3	492.7	1154.	548.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2303.3	33163.	5153.9
Stddev	5.8	81.	23.5
%RSD	.25165	.24570	.45588

#1	2309.2	33097.	5179.5
#2	2303.0	33254.	5133.3
#3	2297.6	33138.	5149.0

Sample Name: 460-31559-a-5-e Acquired: 9/30/2011 21:14:07 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6075.	411.0	.1959	141.0	.4756	7956.
Stddev	43.	4.7	.6676	.6	.0481	59.
%RSD	.7024	1.134	340.8	.4390	10.12	.7424

#1	6125.	410.2	.0566	141.6	.4625	8009.
#2	6054.	416.0	-.3910	141.2	.5290	7968.
#3	6048.	406.8	.9221	140.4	.4354	7892.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2911	4.959	95.52	79.79	6345.	3832.
Stddev	.0473	.384	.24	.93	40.	41.
%RSD	16.24	7.742	.2515	1.160	.6242	1.080

#1	.2927	5.399	95.55	79.05	6366.	3879.
#2	.3375	4.695	95.75	80.82	6369.	3810.
#3	.2430	4.783	95.27	79.49	6299.	3806.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-5-e Acquired: 9/30/2011 21:14:07 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1469.	123.0	98900.	15.68	367.3	17.40
Stddev	8.	.3	306.	.11	1.7	.45
%RSD	.5545	.2167	.3095	.6707	.4559	2.583

#1	1462.	122.7	99250.	15.58	367.6	17.47
#2	1478.	123.2	98780.	15.79	368.7	16.93
#3	1466.	123.1	98670.	15.68	365.4	17.82

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.649	1.640	85.22	651.1	148.8	42.64
Stddev	3.530	2.671	.74	2.9	1.2	.26
%RSD	96.74	162.9	.8699	.4392	.8177	.6069

#1	4.369	4.690	85.71	653.5	149.3	42.88
#2	-.1857	-.2801	85.58	651.7	149.6	42.67
#3	6.763	.5087	84.37	647.9	147.4	42.37

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-5-e Acquired: 9/30/2011 21:14:07 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	61.02	21.67	271.6
Stddev	.50	.09	2.2
%RSD	.8200	.4362	.8188

#1	61.45	21.76	271.1
#2	61.14	21.68	274.0
#3	60.47	21.57	269.6

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2516.9	36071.	5362.9
Stddev	3.0	104.	14.5
%RSD	.12030	.28958	.27061

#1	2513.8	36120.	5355.0
#2	2516.9	36142.	5379.7
#3	2519.9	35951.	5354.0

Sample Name: 460-31559-a-9-c Acquired: 9/30/2011 21:17:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6269.	18.96	.1167	46.68	.4010	6353.
Stddev	23.	.99	.8148	.52	.0584	28.
%RSD	.3589	5.216	698.3	1.124	14.56	.4362
#1	6245.	17.84	.7936	46.97	.3644	6328.
#2	6290.	19.73	-.7877	46.99	.4683	6383.
#3	6271.	19.31	.3442	46.07	.3703	6350.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0494	2.427	138.2	22.91	6071.	1454.
Stddev	.0548	.105	.9	1.79	36.	18.
%RSD	110.9	4.333	.6323	7.804	.5861	1.232
#1	.0811	2.473	138.4	24.00	6085.	1446.
#2	.0811	2.501	138.9	20.84	6097.	1441.
#3	-.0139	2.307	137.2	23.88	6030.	1474.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-9-c Acquired: 9/30/2011 21:17:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1185.	98.79	52250.	7.718	75.98	3.225
Stddev	6.	.71	217.	.444	.15	.564
%RSD	.5294	.7172	.4153	5.746	.1976	17.47

#1	1188.	99.24	52010.	8.062	76.11	3.847
#2	1189.	99.15	52290.	7.875	75.82	3.079
#3	1178.	97.97	52440.	7.218	76.01	2.749

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.977	2.151	50.72	125.9	105.3	14.31
Stddev	1.865	1.161	.50	.8	1.3	.06
%RSD	94.38	53.99	.9952	.6237	1.188	.4208

#1	-.0662	2.892	50.83	126.3	105.9	14.34
#2	2.406	2.748	50.16	126.4	106.1	14.24
#3	3.590	.8125	51.15	125.0	103.9	14.36

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-9-c Acquired: 9/30/2011 21:17:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	29.89	17.58	246.3
Stddev	1.14	.10	2.5
%RSD	3.802	.5778	.9985

#1	31.20	17.55	245.7
#2	29.32	17.69	244.2
#3	29.15	17.49	249.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2543.8	36608.	5367.5
Stddev	3.2	43.	36.5
%RSD	.12695	.11815	.67993

#1	2547.6	36628.	5406.9
#2	2542.1	36559.	5334.9
#3	2541.9	36638.	5360.7

Sample Name: 460-31513-a-5-b Acquired: 9/30/2011 21:21:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4423.	460.3	2.509	592.7	-1.160	89520.
Stddev	37.	5.2	.150	6.1	.0943	659.
%RSD	.8310	1.124	5.984	1.036	81.29	.7356

#1	4382.	465.1	2.517	597.7	-1.1620	88900.
#2	4452.	460.9	2.355	594.6	-1.1785	90210.
#3	4436.	454.8	2.655	585.8	-0.0075	89440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36.66	15.11	5100.	164.6	10280.	1112.
Stddev	.49	.41	39.	1.5	63.	69.
%RSD	1.342	2.703	.7599	.9308	.6088	6.217

#1	37.19	15.05	5133.	166.3	10330.	1191.
#2	36.57	15.55	5110.	163.9	10300.	1069.
#3	36.22	14.74	5058.	163.5	10210.	1074.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-5-b Acquired: 9/30/2011 21:21:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4420.	64.85	3096.	47.02	3318.	170.2
Stddev	30.	.45	35.	.92	29.	2.6
%RSD	.6849	.6973	1.136	1.966	.8623	1.528
#1	4449.	65.26	3057.	48.02	3340.	170.1
#2	4423.	64.92	3126.	46.84	3328.	172.9
#3	4389.	64.36	3104.	46.20	3285.	167.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.114	16.90	19.61	3610.	48.81	3.993
Stddev	1.989	.75	.26	41.	1.21	.127
%RSD	48.36	4.412	1.326	1.122	2.488	3.180
#1	3.284	16.25	19.56	3641.	49.06	4.076
#2	2.673	16.73	19.89	3625.	49.88	4.057
#3	6.384	17.71	19.37	3564.	47.49	3.847

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31513-a-5-b Acquired: 9/30/2011 21:21:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	275.4	229.1	63.10
Stddev	3.9	1.8	3.04
%RSD	1.414	.8054	4.824

#1	278.6	227.4	59.75
#2	276.6	231.1	63.88
#3	271.1	228.9	65.69

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2449.4	36155.	5309.5
Stddev	4.1	108.	36.8
%RSD	.16583	.29848	.69393

#1	2454.1	36075.	5351.8
#2	2447.0	36112.	5284.6
#3	2447.1	36278.	5292.0

Sample Name: CCV Acquired: 9/30/2011 21:25:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126700.	2483.	1234.	10060.	1004.	127800.
Stddev	575.	4.	1.	25.	5.	630.
%RSD	.4538	.1644	.1032	.2469	.4876	.4932

#1	127100.	2482.	1234.	10070.	1006.	128100.
#2	127000.	2487.	1232.	10070.	1007.	128200.
#3	126100.	2479.	1235.	10030.	998.1	127000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2492.	5011.	12620.	99780.	50010.
Stddev	3.	6.	2.	44.	59.	126.
%RSD	.2058	.2472	.0419	.3469	.0596	.2523

#1	1262.	2493.	5012.	12640.	99750.	50110.
#2	1264.	2497.	5009.	12650.	99740.	50050.
#3	1258.	2485.	5013.	12570.	99850.	49870.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 21:25:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124800.	5077.	125500.	2526.	7546.	1006.
Stddev	23.	6.	461.	6.	14.	2.
%RSD	.0187	.1221	.3676	.2234	.1869	.2140

#1	124800.	5083.	125900.	2528.	7553.	1008.
#2	124800.	5078.	125600.	2531.	7555.	1006.
#3	124800.	5071.	125000.	2520.	7530.	1004.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2447.	2532.	2472.	2496.	1003.	2498.
Stddev	9.	13.	2.	5.	3.	11.
%RSD	.3607	.4998	.0705	.1953	.2759	.4542

#1	2437.	2542.	2472.	2499.	1001.	2506.
#2	2448.	2535.	2474.	2498.	1006.	2502.
#3	2455.	2518.	2471.	2490.	1002.	2485.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 21:25:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	994.1	5076.	10000.
Stddev	4.9	23.	42.
%RSD	.4960	.4598	.4249

#1	996.2	5088.	10030.
#2	997.6	5090.	10020.
#3	988.4	5049.	9952.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2324.9	33568.	5130.5
Stddev	2.7	45.	32.5
%RSD	.11620	.13402	.63375

#1	2324.4	33581.	5100.5
#2	2322.4	33606.	5125.9
#3	2327.8	33518.	5165.1

Sample Name: CCB Acquired: 9/30/2011 21:28:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.348	-2.184	.3631	.4603	.1753	-13.25
Stddev	8.554	1.401	.4235	.1141	.1088	6.61
%RSD	91.51	64.16	116.6	24.80	62.03	49.85

#1	1.990	-1.825	-.0021	.5312	.0613	-10.23
#2	7.319	-3.729	.8273	.5211	.2779	-20.83
#3	18.73	-.9966	.2642	.3286	.1869	-8.699

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0501	-.0811	-.4874	-3.236	-10.32	-31.66
Stddev	.0724	.0812	.0913	3.293	6.67	74.04
%RSD	144.5	100.1	18.73	101.8	64.63	233.8

#1	.1018	-.0825	-.5736	-.5617	-17.80	-16.59
#2	.0812	-.1615	-.3918	-6.915	-4.997	-112.1
#3	-.0327	.0008	-.4966	-2.233	-8.164	33.68

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 21:28:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.746	.3642	22.85	.0270	-.6979	3.543
Stddev	2.311	.0336	10.65	.2212	1.161	1.522
%RSD	132.4	9.225	46.60	819.5	166.3	42.97

#1	4.401	.3858	12.76	.1394	.5455	4.411
#2	.6549	.3813	21.82	-.2279	-1.753	1.785
#3	.1821	.3255	33.98	.1695	-.8866	4.433

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.292	3.545	.2382	.8578	1.717	4.805
Stddev	3.213	2.344	1.006	.1792	.465	.428
%RSD	140.2	66.13	422.4	20.90	27.09	8.917

#1	.6647	2.843	.9890	1.064	1.974	4.879
#2	5.993	6.160	.6303	.7660	1.996	5.192
#3	.2180	1.632	-.9048	.7431	1.180	4.345

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 21:28:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4007	.1323	.7970
Stddev	.4314	.2571	1.097
%RSD	107.7	194.2	137.6

#1	.8849	.3753	-.2470
#2	.2597	.1585	1.940
#3	.0574	-.1368	.6977

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2533.9	36823.	5204.1
Stddev	2.9	182.	37.8
%RSD	.11421	.49526	.72552

#1	2534.5	36617.	5169.7
#2	2536.4	36890.	5197.9
#3	2530.7	36963.	5244.5

Sample Name: 460-31546-a-7-c Acquired: 9/30/2011 21:32:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1199.	-1.456	.0775	15860.	-.1637	F 756200.
Stddev	6.	1.083	1.052	127.	.1242	4118.
%RSD	.5153	74.43	1358.	.7997	75.87	.5446
#1	1199.	-2.653	1.040	15940.	-.0816	756200.
#2	1192.	-.5425	-1.046	15910.	-.3067	760300.
#3	1205.	-1.172	.2391	15710.	-.1029	752100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
High Limit						250000.
Low Limit						-5000.

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.2378	8.463	964.4	-2.310	940.5	215.3
Stddev	.1287	.385	1.8	.568	15.1	78.6
%RSD	54.11	4.543	.1911	24.58	1.605	36.51
#1	-.3647	8.905	962.6	-2.931	925.2	132.9
#2	-.2412	8.277	966.3	-2.178	941.0	289.5
#3	-.1074	8.207	964.3	-1.819	955.4	223.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31546-a-7-c Acquired: 9/30/2011 21:32:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1334.	22.92	5281.	23.17	71.49	7.585
Stddev	5.	.14	18.	.63	1.17	2.103
%RSD	.3856	.5937	.3467	2.701	1.643	27.72
#1	1335.	23.03	5291.	22.71	70.19	5.890
#2	1339.	22.77	5293.	23.88	72.48	6.927
#3	1329.	22.96	5260.	22.92	71.80	9.938

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.166	2.298	8.888	50.69	30.36	.1880
Stddev	3.365	.662	.410	.66	.64	.0634
%RSD	288.6	28.80	4.611	1.297	2.098	33.72
#1	2.535	2.941	8.492	51.37	30.58	.1149
#2	-4.042	2.334	9.310	50.63	30.86	.2218
#3	-1.991	1.619	8.861	50.06	29.65	.2273

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31546-a-7-c Acquired: 9/30/2011 21:32:42 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1724	291.8	60.12
Stddev	.5664	1.8	.90
%RSD	328.6	.6145	1.495

#1	-.4742	292.1	59.09
#2	.5808	293.4	60.59
#3	.4106	289.8	60.70

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2287.1	32867.	5105.4
Stddev	.7	183.	21.3
%RSD	.03248	.55681	.41631

#1	2286.3	33027.	5090.8
#2	2287.5	32907.	5095.6
#3	2287.6	32667.	5129.8

Sample Name: lb 460-87468/1-d Acquired: 9/30/2011 21:36:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.93	-.1612	.8956	.5678	.0758	36.21
Stddev	4.48	1.351	.6701	.2210	.1023	10.58
%RSD	28.13	838.1	74.82	38.93	135.0	29.23
#1	10.78	-.2718	1.172	.7861	.0697	47.58
#2	18.08	1.242	.1315	.5732	.1809	26.64
#3	18.93	-1.453	1.383	.3442	-.0233	34.40
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0956	.1687	-.4488	-4.315	-5.210	16.54
Stddev	.0656	.2982	.2463	2.543	8.362	68.97
%RSD	68.63	176.8	54.87	58.92	160.5	417.0
#1	-.1713	.3316	-.6220	-2.735	-14.75	89.71
#2	-.0568	-.1756	-.1669	-2.962	-1.718	7.159
#3	-.0586	.3499	-.5576	-7.248	.8405	-47.26
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87468/1-d Acquired: 9/30/2011 21:36:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.7392	.0718	52.57	-.2788	-.4047	1.303
Stddev	2.743	.0093	2.94	.2765	.5732	.424
%RSD	371.1	12.96	5.598	99.16	141.6	32.57
#1	1.745	.0618	49.58	.0058	-.9891	.8165
#2	-.2792	.0801	55.46	-.2959	.1566	1.599
#3	-3.683	.0736	52.67	-.5463	-.3816	1.493

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.669	1.356	.1778	.3279	1.603	-.1096
Stddev	3.144	.636	.4436	.0230	.212	.1596
%RSD	188.4	46.93	249.5	7.014	13.19	145.6
#1	2.770	.6905	.6118	.3544	1.814	.0690
#2	-1.878	1.418	.1962	.3133	1.606	-.1594
#3	4.115	1.958	-.2748	.3160	1.391	-.2384

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87468/1-d Acquired: 9/30/2011 21:36:36 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4885	.0814	-1.039
Stddev	.4012	.0757	1.598
%RSD	82.12	93.00	153.8

#1	-.2595	.0127	-.9987
#2	-.2543	.1626	-2.658
#3	-.9517	.0688	.5381

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2567.8	37741.	5333.3
Stddev	5.7	133.	14.8
%RSD	.22050	.35134	.27751

#1	2574.2	37882.	5317.7
#2	2563.5	37724.	5335.1
#3	2565.7	37619.	5347.1

Sample Name: lb 460-87580/1-b Acquired: 9/30/2011 21:40:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.90	-.3349	1.165	.0676	-.0079	1.399
Stddev	2.46	2.537	.215	.1131	.1618	16.71
%RSD	17.67	757.6	18.47	167.3	2044.	1195.
#1	13.52	.8322	1.353	.1950	-.0409	-14.51
#2	16.53	1.408	.9306	.0283	.1678	-.1079
#3	11.66	-3.245	1.212	-.0206	-.1506	18.81

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0022	-.1191	-.0487	-1.071	-3.345	-27.52
Stddev	.1344	.3292	.2157	2.040	3.817	45.51
%RSD	6079.	276.5	443.2	190.4	114.1	165.4
#1	.0992	.2307	-.0015	-1.688	.4277	-3.806
#2	.0489	-.4230	.1396	-2.732	-3.258	-79.99
#3	-.1547	-.1649	-.2841	1.206	-7.205	1.240

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/1-b Acquired: 9/30/2011 21:40:28 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-2.717	.2831	30.43	-.0291	-1.331	-.3561
Stddev	5.942	.0564	2.35	.3019	.163	.6717
%RSD	218.7	19.91	7.729	1037.	12.21	188.6
#1	-5.114	.2220	31.92	-.0336	-1.436	-.1414
#2	-7.087	.2940	31.65	-.3287	-1.413	.1820
#3	4.049	.3332	27.72	.2750	-1.144	-1.109

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.451	2.687	.1331	.3265	1.433	-.2028
Stddev	1.334	.204	.2872	.1294	.263	.1423
%RSD	91.96	7.586	215.7	39.64	18.32	70.20
#1	.8012	2.746	.4110	.3785	1.162	-.0580
#2	.5658	2.460	-.1626	.4219	1.686	-.3425
#3	2.985	2.855	.1510	.1792	1.452	-.2077

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/1-b Acquired: 9/30/2011 21:40:28 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2055	.0389	-1.232
Stddev	.1798	.0497	1.150
%RSD	87.48	127.7	93.33

#1	-.0028	.0917	-2.228
#2	-.3455	-.0068	-1.496
#3	-.2683	.0318	.0267

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2566.2	37672.	5333.4
Stddev	4.8	97.	27.9
%RSD	.18632	.25674	.52293

#1	2560.6	37560.	5336.6
#2	2568.8	37722.	5359.5
#3	2569.1	37734.	5304.0

Sample Name: lb 460-87580/2-b Acquired: 9/30/2011 21:44:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.57	-1.339	.5924	-.0114	.0744	4.409
Stddev	9.26	2.701	.5115	.0519	.0924	6.835
%RSD	63.58	201.7	86.36	456.8	124.2	155.0

#1	5.376	1.777	1.116	-.0673	.0591	11.29
#2	14.43	-2.783	.0937	-.0020	-.0094	-2.381
#3	23.90	-3.012	.5674	.0352	.1734	4.320

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0717	-.2951	-.3939	-1.947	-3.333	-140.1
Stddev	.1156	.2199	.1577	1.287	7.316	23.4
%RSD	161.3	74.51	40.04	66.11	219.5	16.69

#1	.0475	-.4166	-.4604	-3.272	4.227	-160.0
#2	-.1835	-.0413	-.2138	-.7007	-3.849	-114.3
#3	-.0791	-.4275	-.5074	-1.870	-10.38	-145.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/2-b Acquired: 9/30/2011 21:44:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8640	.0825	32.45	-.3006	-.1000	-.4311
Stddev	2.699	.0241	11.89	.1166	.8826	1.580
%RSD	312.3	29.25	36.64	38.79	882.3	366.4
#1	-1.897	.1104	27.98	-.1825	.8773	1.286
#2	3.496	.0700	23.44	-.3037	-.3384	-1.821
#3	.9930	.0672	45.92	-.4156	-.8390	-.7585

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8307	1.293	-.3913	.3467	1.183	-.1366
Stddev	2.028	.933	.2639	.0783	.243	.1611
%RSD	244.1	72.12	67.43	22.57	20.53	117.9
#1	1.472	1.767	-.4861	.3964	.9226	-.1780
#2	-1.613	.2188	-.5948	.2565	1.222	-.2730
#3	-2.351	1.894	-.0932	.3873	1.403	.0411

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87580/2-b Acquired: 9/30/2011 21:44:19 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.7988	-.0067	-1.644
Stddev	.7707	.0235	1.459
%RSD	96.49	352.1	88.76

#1	.3931	.0167	-.7825
#2	1.688	-.0303	-3.328
#3	.3156	-.0064	-.8203

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2577.5	37701.	5345.1
Stddev	9.2	127.	6.7
%RSD	.35586	.33785	.12442

#1	2586.2	37554.	5351.9
#2	2578.5	37787.	5338.6
#3	2567.9	37761.	5344.8

Sample Name: 460-31492-a-2-b du Acquired: 9/30/2011 21:48:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	41.86	2.328	.6165	1557.	.0917	35710.
Stddev	22.85	1.326	.1158	13.	.1478	118.
%RSD	54.59	56.95	18.79	.8522	161.1	.3316
#1	19.69	1.390	.4941	1561.	.1871	35580.
#2	40.56	3.845	.6310	1568.	.1666	35820.
#3	65.34	1.749	.7244	1543.	-.0785	35720.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0083	.5086	-.1704	2.132	48.77	958.5
Stddev	.1539	.1816	.0928	2.372	9.20	26.5
%RSD	1863.	35.70	54.47	111.2	18.87	2.764
#1	-.1293	.6673	-.1715	4.544	58.37	979.6
#2	.1745	.3105	-.2626	-.1973	40.03	967.1
#3	-.0204	.5481	-.0770	2.050	47.90	928.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-a-2-b du Acquired: 9/30/2011 21:48:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11630.	2108.	10470.	1.038	-1.110	.2574
Stddev	38.	7.	66.	.285	1.457	2.347
%RSD	.3275	.3194	.6290	27.44	131.2	911.8

#1	11600.	2100.	10440.	1.071	.2424	2.860
#2	11680.	2113.	10550.	.7378	-.9205	-1.699
#3	11620.	2110.	10430.	1.304	-2.652	-.3885

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5093	-.2032	.2713	1.167	28.48	171.6
Stddev	2.366	1.325	.3197	.098	.37	2.3
%RSD	464.5	652.1	117.9	8.403	1.288	1.339

#1	-.5088	-1.733	-.0978	1.055	28.44	173.0
#2	1.856	.5263	.4649	1.232	28.13	172.9
#3	-2.876	.5971	.4467	1.216	28.86	169.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-a-2-b du Acquired: 9/30/2011 21:48:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4984	206.1	2.750
Stddev	.4641	.4	1.366
%RSD	93.12	.1885	49.67

#1	1.010	205.7	1.646
#2	.1051	206.4	4.277
#3	.3798	206.2	2.326

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2517.6	36618.	5350.9
Stddev	6.6	216.	16.7
%RSD	.26275	.58963	.31127

#1	2525.1	36857.	5360.7
#2	2512.9	36558.	5331.7
#3	2514.6	36437.	5360.4

Sample Name: 460-31492-q-2-c Acquired: 9/30/2011 21:51:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	69.52	3.207	.3690	1561.	.0630	35970.
Stddev	14.43	1.864	.6046	4.	.1010	207.
%RSD	20.76	58.11	163.9	.2514	160.3	.5761
#1	83.96	3.079	1.066	1563.	-.0534	35870.
#2	69.48	1.411	-.0100	1564.	.1278	36210.
#3	55.11	5.132	.0506	1557.	.1147	35840.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0392	.2071	-.0818	-2.215	46.28	962.6
Stddev	.0610	.0987	.4051	3.327	15.00	43.3
%RSD	155.7	47.66	495.2	150.2	32.41	4.498
#1	.0388	.2747	-.4855	-5.823	35.16	912.6
#2	.1005	.0938	-.0846	.7331	40.35	985.3
#3	-.0216	.2528	.3247	-1.555	63.34	989.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-c Acquired: 9/30/2011 21:51:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11650.	2115.	10500.	1.308	-1.367	.4253
Stddev	30.	8.	27.	.307	.975	1.069
%RSD	.2607	.3966	.2533	23.49	71.33	251.4
#1	11660.	2112.	10470.	.9715	-1.865	.1810
#2	11680.	2124.	10520.	1.574	-1.994	1.596
#3	11620.	2108.	10500.	1.380	-.2437	-.5006

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3002	1.843	.4260	1.225	28.35	172.4
Stddev	2.413	1.774	.1933	.145	1.05	1.1
%RSD	803.8	96.26	45.38	11.86	3.713	.6477
#1	-1.119	3.842	.3937	1.183	29.52	173.4
#2	-1.067	.4598	.6333	1.105	27.47	172.7
#3	3.086	1.226	.2508	1.386	28.08	171.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-c Acquired: 9/30/2011 21:51:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.4661	207.8	2.934
Stddev	.7898	1.6	.594
%RSD	169.5	.7494	20.23

#1	1.349	207.3	2.880
#2	-.1743	209.5	3.553
#3	.2239	206.6	2.370

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2514.1	36534.	5310.1
Stddev	3.2	78.	25.5
%RSD	.12661	.21213	.48114

#1	2517.6	36617.	5339.6
#2	2513.4	36463.	5296.6
#3	2511.3	36523.	5294.2

Sample Name: sd 460-31492-q-2-c@5 Acquired: 9/30/2011 21:55:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	16.38	-.2830	.2385	307.1	-.0639	7034.
Stddev	2.55	2.070	.1839	3.0	.0747	43.
%RSD	15.57	731.5	77.11	.9722	117.0	.6163
#1	14.06	-2.643	.4502	308.9	-.1008	6988.
#2	15.97	1.227	.1192	308.7	.0221	7042.
#3	19.11	.5665	.1460	303.6	-.1129	7073.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0724	-.1379	-.7445	-.4999	9.528	-39.83
Stddev	.0080	.2235	.3718	.8891	2.412	48.33
%RSD	10.98	162.0	49.94	177.8	25.31	121.3
#1	.0789	.1086	-1.052	.3839	7.036	-93.34
#2	.0749	-.1951	-.3314	-1.394	11.85	-26.81
#3	.0635	-.3273	-.8500	-.4894	9.697	.6434
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31492-q-2-c@5 Acquired: 9/30/2011 21:55:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2313.	414.4	2067.	-.2546	-.2373	1.973
Stddev	11.	.9	16.	.2068	1.253	1.081
%RSD	.4793	.2184	.7636	81.22	528.3	54.80

#1	2321.	414.2	2080.	-.0249	.7864	2.644
#2	2316.	415.4	2049.	-.3128	-1.635	2.548
#3	2300.	413.6	2071.	-.4259	.1370	.7257

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.603	1.153	.7158	.4942	5.443	33.62
Stddev	1.321	.941	.2719	.2947	.132	.45
%RSD	82.36	81.60	37.99	59.63	2.417	1.350

#1	2.736	1.121	1.001	.4454	5.574	34.03
#2	.1530	2.109	.4591	.8103	5.311	33.69
#3	1.921	.2285	.6875	.2270	5.446	33.13

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31492-q-2-c@5 Acquired: 9/30/2011 21:55:47 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3566	40.47	-.8663
Stddev	.9733	.17	.7543
%RSD	272.9	.4222	87.08

#1	-1.385	40.31	-.4610
#2	-.2364	40.44	-1.737
#3	.5510	40.65	-.4012

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2557.1	37333.	5338.8
Stddev	1.4	139.	10.6
%RSD	.05351	.37318	.19912

#1	2556.5	37492.	5351.1
#2	2558.6	37275.	5333.1
#3	2556.1	37232.	5332.2

Sample Name: 460-31492-q-2-d.ms Acquired: 9/30/2011 21:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2117.	1953.	49.58	3537.	51.14	56020.
Stddev	18.	12.	.61	23.	.32	394.
%RSD	.8397	.6306	1.237	.6499	.6166	.7039

#1	2136.	1957.	48.88	3553.	51.46	56390.
#2	2100.	1962.	49.99	3546.	51.14	56080.
#3	2115.	1939.	49.88	3510.	50.83	55610.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.09	510.5	204.3	255.1	1054.	20740.
Stddev	.31	3.4	.9	2.8	11.	164.
%RSD	.6092	.6737	.4558	1.088	1.032	.7928

#1	51.39	512.8	204.1	257.3	1053.	20930.
#2	51.12	512.1	205.3	252.0	1066.	20650.
#3	50.77	506.5	203.5	255.9	1045.	20640.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-d.ms Acquired: 9/30/2011 21:59:35 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31210.	2571.	30440.	518.2	520.8	497.6
Stddev	175.	18.	129.	3.5	2.7	3.1
%RSD	.5597	.6991	.4236	.6757	.5245	.6138

#1	31120.	2561.	30590.	520.5	521.4	500.5
#2	31410.	2592.	30360.	520.1	523.1	497.8
#3	31090.	2560.	30380.	514.2	517.8	494.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1911.	2084.	498.3	504.3	535.3	670.8
Stddev	11.	14.	1.8	3.4	2.2	6.8
%RSD	.5997	.6657	.3658	.6710	.4067	1.019

#1	1921.	2092.	496.6	507.2	536.8	675.7
#2	1913.	2093.	500.2	505.1	536.3	673.8
#3	1898.	2068.	497.9	500.6	532.8	663.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-2-d ms Acquired: 9/30/2011 21:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	502.9	699.6	513.8
Stddev	3.0	5.4	6.8
%RSD	.6030	.7696	1.317

#1	502.9	704.8	521.5
#2	505.9	699.9	511.0
#3	499.9	694.0	508.9

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2477.0	35740.	5272.7
Stddev	8.0	206.	17.6
%RSD	.32473	.57696	.33304

#1	2485.4	35978.	5261.4
#2	2476.1	35616.	5263.7
#3	2469.4	35626.	5292.9

Sample Name: pds 460-31492-q-2-c Acquired: 9/30/2011 22:03:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2087.	1936.	48.01	3519.	50.65	55470.
Stddev	22.	16.	.58	31.	.33	273.
%RSD	1.073	.8100	1.198	.8833	.6433	.4922
#1	2107.	1948.	48.67	3543.	50.81	55680.
#2	2090.	1942.	47.64	3531.	50.86	55560.
#3	2062.	1919.	47.71	3484.	50.27	55160.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.76	506.9	202.9	256.6	1052.	20590.
Stddev	.56	5.1	1.5	2.6	10.	131.
%RSD	1.112	1.001	.7476	.9992	.9520	.6351
#1	51.15	510.7	203.9	258.1	1062.	20700.
#2	51.02	508.7	203.7	258.1	1042.	20450.
#3	50.12	501.1	201.1	253.7	1052.	20630.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31492-q-2-c Acquired: 9/30/2011 22:03:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	30950.	2559.	30090.	514.5	518.4	495.0
Stddev	196.	21.	145.	5.0	4.2	4.2
%RSD	.6343	.8274	.4831	.9634	.8093	.8469

#1	31070.	2566.	30230.	518.8	522.1	498.5
#2	31060.	2577.	29940.	515.6	519.2	496.2
#3	30730.	2536.	30090.	509.1	513.8	490.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1910.	2130.	494.6	501.0	545.7	667.1
Stddev	16.	21.	2.4	5.0	4.4	8.6
%RSD	.8189	1.000	.4850	.9929	.8117	1.290

#1	1918.	2150.	496.3	504.8	549.3	673.8
#2	1919.	2134.	495.6	502.9	547.0	670.1
#3	1892.	2108.	491.9	495.4	540.8	657.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31492-q-2-c Acquired: 9/30/2011 22:03:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	499.8	691.8	507.6
Stddev	5.4	3.8	1.9
%RSD	1.077	.5468	.3711

#1	504.3	693.8	508.9
#2	501.2	694.1	508.5
#3	493.8	687.4	505.4

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2475.4	35808.	5289.3
Stddev	3.1	149.	16.7
%RSD	.12576	.41495	.31627

#1	2479.0	35867.	5284.3
#2	2474.2	35639.	5308.0
#3	2473.1	35918.	5275.7

Sample Name: 460-31258-d-1-a Acquired: 9/30/2011 22:06:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5873.	.5921	1.085	70.11	.1626	42970.
Stddev	29.	1.608	.169	.96	.1012	295.
%RSD	.4994	271.7	15.58	1.374	62.28	.6872
#1	5897.	1.513	1.232	70.69	.0842	43310.
#2	5881.	1.529	.9005	70.63	.1266	42840.
#3	5840.	-1.265	1.123	68.99	.2769	42760.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1483	2.165	13.99	-1.411	4346.	9009.
Stddev	.1531	.184	.41	3.959	38.	86.
%RSD	103.2	8.481	2.907	280.6	.8823	.9546
#1	.3227	2.377	13.73	3.087	4336.	8952.
#2	.0360	2.063	14.46	-4.368	4388.	8968.
#3	.0863	2.056	13.78	-2.950	4313.	9108.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-1-a Acquired: 9/30/2011 22:06:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9691.	30.72	139100.	4.708	2.902	1.510
Stddev	46.	.29	215.	.312	1.746	1.241
%RSD	.4776	.9317	.1545	6.616	60.16	82.19

#1	9664.	30.93	139300.	4.388	.9276	2.763
#2	9745.	30.84	138900.	5.010	3.537	1.487
#3	9665.	30.39	139000.	4.725	4.241	.2807

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7368	1.779	22.51	16.44	21.27	7.190
Stddev	2.413	2.829	.15	.40	1.65	.339
%RSD	327.5	159.0	.6712	2.428	7.768	4.720

#1	3.245	-.2017	22.40	16.71	22.70	7.204
#2	.5347	5.018	22.68	16.63	21.66	7.523
#3	-1.569	.5195	22.44	15.99	19.46	6.845

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-1-a Acquired: 9/30/2011 22:06:37 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	2.902	472.4	132.6
Stddev	.380	3.0	1.1
%RSD	13.10	.6448	.8285

#1	3.291	475.9	133.3
#2	2.884	470.9	131.3
#3	2.531	470.3	133.1

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2451.8	35061.	5260.7
Stddev	1.2	79.	32.6
%RSD	.04966	.22624	.61990

#1	2453.0	35131.	5227.2
#2	2451.6	35078.	5292.3
#3	2450.6	34975.	5262.5

Sample Name: CCV Acquired: 9/30/2011 22:10:26 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126200.	2487.	1236.	10040.	1000.	126900.
Stddev	290.	12.	2.	53.	2.	296.
%RSD	.2301	.4704	.1693	.5324	.1744	.2330

#1	126400.	2492.	1236.	10080.	1002.	127200.
#2	126200.	2495.	1239.	10070.	998.8	127000.
#3	125900.	2474.	1234.	9983.	999.3	126600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1262.	2490.	5011.	12560.	99930.	50000.
Stddev	6.	15.	5.	21.	146.	148.
%RSD	.4844	.5872	.1027	.1694	.1463	.2958

#1	1266.	2498.	5016.	12580.	99920.	49890.
#2	1266.	2500.	5013.	12570.	100100.	50170.
#3	1255.	2473.	5006.	12540.	99780.	49940.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:10:26 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125100.	5071.	125000.	2528.	7558.	1006.
Stddev	77.	7.	136.	13.	36.	9.
%RSD	.0616	.1474	.1087	.5269	.4742	.8456

#1	125100.	5071.	125000.	2535.	7574.	1015.
#2	125200.	5064.	125100.	2535.	7582.	1005.
#3	125100.	5079.	124800.	2512.	7517.	998.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2452.	2533.	2475.	2497.	1002.	2493.
Stddev	1.	20.	4.	14.	4.	19.
%RSD	.0284	.7733	.1763	.5561	.4376	.7500

#1	2453.	2545.	2479.	2505.	1003.	2505.
#2	2452.	2543.	2476.	2506.	1006.	2503.
#3	2452.	2510.	2470.	2481.	997.1	2471.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:10:26 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	993.0	5048.	9970.
Stddev	10.3	8.	29.
%RSD	1.036	.1671	.2930

#1	995.7	5055.	9992.
#2	1002.	5051.	9980.
#3	981.7	5039.	9937.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2333.0	33625.	5165.7
Stddev	2.0	107.	6.3
%RSD	.08495	.31899	.12192

#1	2334.5	33587.	5169.2
#2	2330.8	33747.	5158.4
#3	2333.9	33543.	5169.5

Sample Name: CCB Acquired: 9/30/2011 22:13:55 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	7.877	-1.161	.2077	.3076	-.1846	-9.081
Stddev	8.319	1.661	.7042	.2431	.0862	6.849
%RSD	105.6	143.0	339.0	79.01	46.69	75.41

#1	5.083	.1890	-.5517	.5767	-.1304	-9.203
#2	17.23	-3.015	.8392	.2424	-.2839	-15.87
#3	1.315	-.6566	.3357	.1038	-.1394	-2.173

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0234	-.0751	-.4022	-3.671	2.230	33.16
Stddev	.2119	.2780	.1917	1.757	5.726	30.31
%RSD	905.3	370.2	47.67	47.87	256.8	91.40

#1	-.1388	.0157	-.2258	-4.677	-1.119	44.86
#2	.2632	.1462	-.6063	-1.642	-1.032	-1.253
#3	-.0541	-.3871	-.3745	-4.693	8.841	55.87

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:13:55 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.716	.1789	60.85	-.4732	-.3728	4.034
Stddev	1.596	.0811	8.85	.1225	1.189	3.094
%RSD	58.76	45.34	14.55	25.90	318.9	76.70

#1	4.364	.2717	68.69	-.3320	.8775	4.331
#2	1.177	.1211	51.25	-.5361	-1.489	6.968
#3	2.607	.1440	62.61	-.5516	-.5069	.8016

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7459	1.196	.3017	.7448	1.646	4.984
Stddev	1.472	1.714	.2056	.2624	.055	.367
%RSD	197.4	143.3	68.14	35.23	3.326	7.363

#1	-.3665	3.006	.4990	.9235	1.702	4.724
#2	2.416	.9832	.3174	.4436	1.642	5.404
#3	.1886	-.4012	.0887	.8674	1.593	4.825

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:13:55 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1530	.1759	1.671
Stddev	.2125	.1702	.270
%RSD	138.9	96.74	16.18

#1	.0644	.2970	1.519
#2	-.3603	.2495	1.512
#3	-.1629	-.0187	1.984

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2520.0	37027.	5227.1
Stddev	3.8	141.	32.1
%RSD	.15277	.38197	.61495

#1	2515.5	37182.	5190.9
#2	2522.5	36906.	5252.3
#3	2521.8	36991.	5238.1

Sample Name: mb 460-87869/1-a Acquired: 9/30/2011 22:17:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15.85	-1.895	.4474	-.0091	.1212	-15.25
Stddev	13.92	.640	.0623	.0843	.1014	11.64
%RSD	87.84	33.78	13.92	924.3	83.70	76.38
#1	.4419	-2.226	.4145	.0881	.2157	-20.75
#2	19.58	-2.302	.4085	-.0522	.0140	-1.870
#3	27.52	-1.157	.5192	-.0632	.1338	-23.12
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1228	-.0340	-.6317	.7585	-9.490	-5.538
Stddev	.1452	.3739	.2879	3.129	5.769	69.03
%RSD	118.2	1099.	45.57	412.5	60.79	1247.
#1	.2738	.3963	-.9386	-.1199	-14.09	26.95
#2	.1103	-.2186	-.3676	4.233	-11.36	41.26
#3	-.0157	-.2797	-.5890	-1.837	-3.019	-84.82
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87869/1-a Acquired: 9/30/2011 22:17:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.5696	.0736	30.59	.2817	-1.883	-1.861
Stddev	2.352	.0610	12.50	.2710	.320	2.643
%RSD	413.0	82.90	40.87	96.21	17.01	142.0

#1	-1.111	.1211	44.78	.4446	-2.239	-4.836
#2	-2.604	.0950	21.21	.4318	-1.620	-.9604
#3	2.006	.0048	25.77	-.0312	-1.790	.2142

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7055	.1006	.2520	.2338	5.448	.5426
Stddev	1.972	1.821	.3563	.1166	.245	.0828
%RSD	279.5	1810.	141.4	49.88	4.488	15.27

#1	.8385	.4062	.4372	.1593	5.634	.4470
#2	-1.330	1.749	.4775	.3681	5.539	.5862
#3	2.608	-1.853	-.1588	.1738	5.171	.5945

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87869/1-a Acquired: 9/30/2011 22:17:48 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2853	.0665	-2.814
Stddev	.0794	.0561	1.668
%RSD	27.84	84.33	59.28

#1	.3607	.0209	-2.400
#2	.2928	.1291	-4.650
#3	.2024	.0495	-1.392

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2550.9	37417.	5314.8
Stddev	5.0	134.	4.6
%RSD	.19793	.35713	.08572

#1	2556.4	37567.	5311.5
#2	2549.8	37372.	5320.0
#3	2546.5	37311.	5312.9

Sample Name: lcs 460-87869/2-a Acquired: 9/30/2011 22:21:40 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2058.	1935.	49.57	2035.	50.58	21030.
Stddev	13.	11.	.75	10.	.06	12.
%RSD	.6078	.5627	1.521	.4785	.1094	.0549

#1	2046.	1945.	48.79	2042.	50.54	21030.
#2	2059.	1935.	49.65	2040.	50.64	21040.
#3	2071.	1924.	50.29	2024.	50.55	21020.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	51.29	514.2	203.3	256.9	1017.	19790.
Stddev	.20	3.0	.8	3.5	8.	114.
%RSD	.3938	.5887	.3788	1.347	.7955	.5778

#1	51.45	516.8	204.0	253.0	1011.	19880.
#2	51.35	514.8	203.3	258.2	1013.	19660.
#3	51.06	510.9	202.5	259.5	1026.	19840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87869/2-a Acquired: 9/30/2011 22:21:40 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19850.	525.8	20030.	522.3	526.7	495.1
Stddev	9.	.5	19.	3.5	1.7	5.9
%RSD	.0440	.1012	.0948	.6757	.3318	1.186

#1	19840.	525.3	20050.	525.4	526.0	499.8
#2	19840.	526.4	20020.	523.0	528.7	497.1
#3	19860.	525.7	20030.	518.5	525.4	488.6

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1914.	2182.	494.8	506.8	510.4	501.0
Stddev	2.	18.	.4	2.5	2.7	4.0
%RSD	.0858	.8415	.0812	.4999	.5367	.8047

#1	1913.	2199.	495.3	509.1	513.2	504.1
#2	1916.	2185.	494.7	507.1	510.2	502.4
#3	1913.	2162.	494.6	504.1	507.7	496.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: lcs 460-87869/2-a Acquired: 9/30/2011 22:21:40 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	505.1	496.5	508.1
Stddev	5.3	.6	1.3
%RSD	1.045	.1198	.2462

#1	509.6	495.8	509.5
#2	506.4	496.9	507.3
#3	499.3	496.8	507.4

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2498.2	36065.	5282.3
Stddev	.7	49.	26.8
%RSD	.02985	.13592	.50779

#1	2497.4	36014.	5308.3
#2	2498.9	36069.	5254.7
#3	2498.1	36112.	5283.9

Sample Name: 460-31258-d-2-a Acquired: 9/30/2011 22:25:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	35300.	-.0565	.2151	317.4	.8273	122400.
Stddev	76.	2.368	.5692	1.2	.1334	183.
%RSD	.2145	4193.	264.7	.3688	16.13	.1492

#1	35240.	-2.708	.8714	316.9	.8705	122300.
#2	35380.	1.846	-.1425	318.7	.6776	122600.
#3	35270.	.6924	-.0838	316.6	.9337	122400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0573	14.56	59.02	25.03	25670.	14130.
Stddev	.0674	.46	.53	3.03	26.	95.
%RSD	117.5	3.173	.9036	12.12	.1026	.6746

#1	-.0085	14.68	58.41	28.41	25700.	14040.
#2	.0543	14.95	59.32	22.56	25650.	14110.
#3	.1261	14.05	59.34	24.12	25660.	14230.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-2-a Acquired: 9/30/2011 22:25:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10310.	436.7	73510.	36.63	14.32	1.496
Stddev	5.	.4	208.	.45	1.84	3.906
%RSD	.0528	.0884	.2831	1.232	12.82	261.1
#1	10300.	437.0	73300.	36.57	16.43	-.8801
#2	10310.	436.9	73510.	36.21	13.41	-.6366
#3	10310.	436.3	73720.	37.11	13.11	6.005

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.220	1.279	53.51	52.15	36.18	17.77
Stddev	1.014	2.006	.37	.18	.15	.09
%RSD	31.48	156.9	.6907	.3486	.4105	.4804
#1	3.703	2.545	53.09	51.98	36.23	17.68
#2	3.902	2.325	53.64	52.34	36.01	17.85
#3	2.055	-1.034	53.79	52.12	36.29	17.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-2-a Acquired: 9/30/2011 22:25:11 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.865	1234.	742.9
Stddev	.517	3.	3.9
%RSD	27.71	.2292	.5221

#1	1.466	1231.	738.5
#2	2.449	1236.	745.5
#3	1.680	1234.	744.8

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2520.5	35840.	5375.6
Stddev	10.8	60.	1.7
%RSD	.42949	.16669	.03242

#1	2532.6	35905.	5376.4
#2	2517.2	35828.	5373.6
#3	2511.6	35788.	5376.8

Sample Name: 460-31258-d-3-a Acquired: 9/30/2011 22:28:55 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22500.	2.284	.0119	127.4	.9488	26340.
Stddev	177.	.377	.6621	.8	.1659	178.
%RSD	.7856	16.49	5544.	.5915	17.49	.6748

#1	22700.	1.853	.5246	127.7	1.136	26540.
#2	22370.	2.550	.2468	128.0	.8882	26270.
#3	22420.	2.449	-.7356	126.5	.8216	26200.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0839	17.37	29.86	9.223	42310.	3976.
Stddev	.0660	.30	.24	2.927	191.	101.
%RSD	78.58	1.738	.8085	31.74	.4508	2.547

#1	.1545	17.67	29.81	6.568	42430.	4076.
#2	.0735	17.06	30.13	8.741	42410.	3873.
#3	.0238	17.38	29.66	12.36	42090.	3980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-3-a Acquired: 9/30/2011 22:28:55 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5536.	498.1	10240.	20.56	8.552	-.6936
Stddev	25.	2.3	72.	.30	.786	.8995
%RSD	.4426	.4549	.7025	1.438	9.195	129.7

#1	5554.	499.7	10310.	20.36	8.849	-.4037
#2	5545.	499.0	10160.	20.43	7.660	.0252
#3	5508.	495.5	10240.	20.90	9.146	-1.702

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1244	.9492	44.27	32.67	10.50	3.260
Stddev	2.225	1.612	.26	.36	.91	.325
%RSD	1789.	169.8	.5927	1.096	8.621	9.964

#1	.6015	-.0720	44.29	32.77	10.86	3.628
#2	2.072	.1123	44.00	32.98	11.17	3.016
#3	-2.300	2.807	44.52	32.28	9.469	3.135

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31258-d-3-a Acquired: 9/30/2011 22:28:55 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.177	207.0	331.5
Stddev	.887	1.9	3.2
%RSD	75.35	.8988	.9718

#1	.2051	209.0	335.1
#2	1.383	206.7	329.0
#3	1.942	205.3	330.5

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2568.6	37147.	5355.1
Stddev	7.0	43.	4.4
%RSD	.27385	.11551	.08182

#1	2576.6	37109.	5355.0
#2	2563.5	37139.	5350.8
#3	2565.7	37194.	5359.6

Sample Name: 460-31470-i-12-a Acquired: 9/30/2011 22:32:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1616.	8.467	1.108	70.53	.1675	35230.
Stddev	16.	2.202	.715	.81	.0057	102.
%RSD	1.013	26.01	64.53	1.151	3.426	.2907

#1	1635.	9.146	.3573	70.77	.1721	35330.
#2	1609.	10.25	1.781	71.19	.1693	35130.
#3	1605.	6.006	1.186	69.62	.1611	35250.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5702	11.36	7.390	29.74	50470.	1392.
Stddev	.1215	.44	.363	1.29	239.	69.
%RSD	21.30	3.891	4.910	4.350	.4736	4.956

#1	.6202	11.82	7.201	29.23	50390.	1469.
#2	.6586	11.30	7.809	31.21	50740.	1336.
#3	.4317	10.94	7.162	28.78	50290.	1370.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-12-a Acquired: 9/30/2011 22:32:39 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	15490.	7097.	23700.	22.07	8.168	2.063
Stddev	50.	68.	45.	.32	.615	1.515
%RSD	.3242	.9572	.1897	1.444	7.532	73.44

#1	15470.	7080.	23690.	22.30	8.134	1.583
#2	15550.	7172.	23660.	22.19	7.571	3.760
#3	15450.	7039.	23750.	21.70	8.800	.8463

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.769	2.572	18.40	155.7	40.15	4.782
Stddev	2.021	.761	.36	1.8	.76	.090
%RSD	114.2	29.57	1.965	1.146	1.892	1.892

#1	.1689	2.787	18.44	156.1	40.85	4.839
#2	4.039	1.728	18.02	157.2	40.25	4.828
#3	1.098	3.203	18.74	153.7	39.34	4.677

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-12-a Acquired: 9/30/2011 22:32:39 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6559	143.9	84.09
Stddev	.2015	.3	2.88
%RSD	30.71	.2414	3.420

#1	.6834	144.3	87.18
#2	.8422	143.6	83.61
#3	.4421	144.0	81.49

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2529.4	36555.	5342.2
Stddev	6.4	108.	16.7
%RSD	.25442	.29671	.31269

#1	2536.3	36658.	5331.0
#2	2523.7	36442.	5361.4
#3	2528.1	36566.	5334.2

Sample Name: 460-31470-i-13-a Acquired: 9/30/2011 22:36:32 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	975.6	11.31	.8284	396.5	.0659	56120.
Stddev	16.1	2.25	.7072	4.1	.1360	237.
%RSD	1.648	19.88	85.37	1.036	206.3	.4218
#1	959.4	8.803	.9072	398.1	-.0499	55960.
#2	991.6	13.15	.0850	399.5	.2157	56390.
#3	975.9	11.98	1.493	391.8	.0320	56000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1089	2.322	5.892	9.657	63430.	1672.
Stddev	.0791	.112	.103	1.945	222.	69.
%RSD	72.67	4.841	1.748	20.14	.3501	4.106
#1	.1980	2.206	5.857	9.895	63560.	1610.
#2	.0469	2.330	6.008	7.604	63560.	1745.
#3	.0817	2.430	5.812	11.47	63180.	1660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-13-a Acquired: 9/30/2011 22:36:32 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19810.	8731.	42690.	10.82	6.973	1.098
Stddev	70.	41.	52.	.47	1.696	1.892
%RSD	.3530	.4696	.1214	4.306	24.32	172.3
#1	19840.	8778.	42670.	11.26	8.638	-1.065
#2	19870.	8715.	42750.	10.34	5.248	1.910
#3	19730.	8701.	42650.	10.88	7.033	2.449

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.320	1.873	13.07	122.5	37.32	6.632
Stddev	1.828	1.189	.38	1.0	.51	.286
%RSD	138.5	63.50	2.881	.7815	1.370	4.307
#1	-1.185	1.990	13.07	122.7	37.74	6.875
#2	.4369	.6294	13.44	123.3	37.47	6.704
#3	-3.212	3.000	12.69	121.5	36.75	6.317

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-13-a Acquired: 9/30/2011 22:36:32 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6333	272.9	33.20
Stddev	.6440	1.3	.97
%RSD	101.7	.4925	2.936

#1	-1.1094	272.0	33.28
#2	1.035	274.5	32.19
#3	.9741	272.2	34.13

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2506.9	35971.	5331.3
Stddev	5.7	62.	17.0
%RSD	.22611	.17304	.31950

#1	2509.5	35900.	5341.6
#2	2510.9	36011.	5311.6
#3	2500.4	36003.	5340.7

Sample Name: 460-31470-i-14-a Acquired: 9/30/2011 22:40:24 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3230.	.0084	.9205	71.31	.1741	45820.
Stddev	29.	2.565	.4478	.50	.1455	291.
%RSD	.8878	30430.	48.65	.6996	83.60	.6340
#1	3258.	1.992	.9769	71.48	.0109	46140.
#2	3231.	.9214	1.337	71.70	.2906	45750.
#3	3201.	-2.888	.4472	70.75	.2207	45570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.108	8.098	8.637	34.86	6770.	3635.
Stddev	.070	.228	.371	1.92	32.	52.
%RSD	6.357	2.810	4.296	5.502	.4767	1.418
#1	-1.096	8.355	8.890	36.66	6734.	3694.
#2	-1.045	8.015	8.211	32.84	6796.	3611.
#3	-1.184	7.923	8.810	35.09	6780.	3599.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-14-a Acquired: 9/30/2011 22:40:24 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14320.	310.1	27910.	F 14040.	9.373	3.434
Stddev	41.	.3	111.	87.	.215	.943
%RSD	.2896	.1082	.3988	.6167	2.292	27.47

#1	14290.	310.2	28040.	14090.	9.586	3.579
#2	14370.	310.4	27820.	14100.	9.157	2.426
#3	14310.	309.8	27870.	13940.	9.376	4.296

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass
High Limit				5000.		
Low Limit				-50.00		

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.002	5.595	12.22	48.63	69.80	.7249
Stddev	1.721	.933	.80	.44	.06	.1315
%RSD	171.8	16.67	6.523	.8994	.0808	18.14

#1	-2.925	4.936	12.12	49.08	69.86	.6106
#2	-.4770	6.662	13.06	48.60	69.75	.8687
#3	.3954	5.187	11.47	48.21	69.78	.6953

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31470-i-14-a Acquired: 9/30/2011 22:40:24 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1.339	149.2	114.4
Stddev	.638	1.2	.7
%RSD	47.62	.8073	.6136

#1	1.953	150.5	114.0
#2	1.385	149.0	114.0
#3	.6799	148.1	115.3

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2542.4	36625.	5344.1
Stddev	8.5	109.	34.2
%RSD	.33476	.29766	.63974

#1	2552.2	36734.	5307.2
#2	2536.8	36624.	5374.6
#3	2538.3	36516.	5350.6

Sample Name: 460-31477-k-1 Acquired: 9/30/2011 22:44:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	59.10	-1.544	-.2857	38.27	.0947	88400.
Stddev	7.13	2.826	.4051	.35	.0421	232.
%RSD	12.07	183.0	141.8	.9237	44.42	.2622
#1	57.28	.6437	-.6850	38.52	.1290	88640.
#2	53.05	-.5417	.1250	38.43	.1073	88370.
#3	66.97	-4.734	-.2971	37.87	.0477	88180.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0227	-.1891	25.38	-2.561	59.68	7261.
Stddev	.0866	.3212	.24	1.030	2.94	35.
%RSD	381.4	169.9	.9644	40.24	4.926	.4845
#1	.0090	-.0206	25.21	-1.382	60.37	7221.
#2	-.0562	-.5596	25.27	-3.289	62.21	7279.
#3	.1154	.0128	25.66	-3.011	56.46	7284.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-1 Acquired: 9/30/2011 22:44:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	61480.	1.239	29210.	.9913	5.462	.7566
Stddev	259.	.066	35.	.1459	.121	2.278
%RSD	.4209	5.320	.1183	14.72	2.213	301.1

#1	61770.	1.271	29230.	1.154	5.322	.4213
#2	61380.	1.163	29240.	.9488	5.536	3.184
#3	61280.	1.283	29180.	.8714	5.526	-1.335

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.52	.8881	.7386	32.53	484.4	-.5230
Stddev	2.25	1.338	.3997	.20	2.1	.1118
%RSD	21.36	150.7	54.12	.6008	.4420	21.37

#1	13.02	1.068	.8337	32.67	486.0	-.5994
#2	9.860	2.127	.2999	32.61	485.2	-.5749
#3	8.678	-.5310	1.082	32.31	482.0	-.3948

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-1 Acquired: 9/30/2011 22:44:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0300	141.0	11.97
Stddev	.2190	.6	.76
%RSD	729.1	.4170	6.384

#1	-.2781	141.6	11.13
#2	.0512	140.4	12.62
#3	.1367	141.0	12.16

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2426.2	35113.	5232.1
Stddev	3.5	99.	15.5
%RSD	.14540	.28208	.29715

#1	2423.2	35030.	5215.7
#2	2425.3	35223.	5246.7
#3	2430.1	35086.	5233.8

Sample Name: 460-31477-k-2-a Acquired: 9/30/2011 22:47:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	104.1	1.602	.6909	37.61	.0601	89550.
Stddev	4.0	1.391	1.104	.12	.0476	221.
%RSD	3.807	86.83	159.8	.3181	79.20	.2470
#1	108.0	2.944	1.622	37.72	.0316	89320.
#2	100.1	.1669	.9793	37.48	.1151	89760.
#3	104.2	1.695	-.5288	37.64	.0337	89580.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0708	-.2075	30.20	-1.503	-11.80	14610.
Stddev	.0640	.2692	.21	3.009	4.38	64.
%RSD	90.41	129.7	.6804	200.2	37.08	.4382
#1	-.0084	.0986	30.00	-2.418	-16.82	14600.
#2	-.0678	-.3134	30.41	-3.948	-9.790	14680.
#3	-.1363	-.4076	30.19	1.857	-8.795	14560.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-2-a Acquired: 9/30/2011 22:47:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	63840.	.2008	58340.	.3321	.4144	.1520
Stddev	163.	.0493	126.	.3209	.6379	2.666
%RSD	.2558	24.55	.2166	96.62	153.9	1754.
#1	63660.	.1691	58190.	-.0257	.6239	-2.328
#2	63980.	.1757	58400.	.5944	.9212	-.1888
#3	63890.	.2576	58420.	.4275	-.3019	2.972

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.96	3.487	.6881	2.625	152.2	-.1805
Stddev	2.10	1.149	.9103	.378	.4	.3541
%RSD	16.18	32.95	132.3	14.40	.2322	196.1
#1	10.67	4.783	.1539	2.444	152.5	-.5059
#2	13.44	2.593	1.739	2.372	151.8	.1965
#3	14.78	3.084	.1713	3.060	152.1	-.2322

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31477-k-2-a Acquired: 9/30/2011 22:47:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.5632	137.2	10.83
Stddev	.3383	.2	.64
%RSD	60.07	.1542	5.883

#1	-.2040	137.0	10.63
#2	-.6098	137.3	10.32
#3	-.8757	137.4	11.55

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2425.4	34884.	5262.9
Stddev	3.0	144.	3.5
%RSD	.12308	.41177	.06646

#1	2423.2	35047.	5259.1
#2	2428.8	34776.	5266.0
#3	2424.2	34829.	5263.5

Sample Name: 460-31492-q-1-b Acquired: 9/30/2011 22:51:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21.02	-.8193	.8801	.0962	.0466	19.88
Stddev	11.61	.8177	.7568	.0815	.0379	16.32
%RSD	55.22	99.81	85.99	84.74	81.36	82.10
#1	24.11	-1.226	1.753	.0219	.0884	8.598
#2	8.183	-1.354	.4753	.0833	.0368	38.60
#3	30.77	.1220	.4117	.1835	.0145	12.45

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1164	-.3345	-.4919	-1.201	10.05	-176.7
Stddev	.0499	.4494	.3209	7.227	4.74	99.7
%RSD	42.90	134.4	65.24	602.0	47.17	56.44
#1	.0589	-.4255	-.8553	-7.197	14.93	-70.51
#2	.1488	.1535	-.2472	-3.230	5.468	-191.2
#3	.1415	-.7314	-.3733	6.824	9.739	-268.4

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-1-b Acquired: 9/30/2011 22:51:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.060	.1461	52.67	.1144	-.8641	.4253
Stddev	3.826	.0542	7.26	.4069	.4278	2.550
%RSD	75.60	37.11	13.79	355.8	49.51	599.6

#1	7.868	.1601	52.08	.4829	-.9851	3.349
#2	6.610	.1919	60.21	.1825	-1.218	-.7293
#3	.7032	.0862	45.72	-.3223	-.3888	-1.343

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.455	1.398	.3079	6.646	72.95	-.0091
Stddev	2.517	1.149	.2044	.350	1.48	.1410
%RSD	72.84	82.17	66.40	5.272	2.035	1552.

#1	1.006	.2951	.3456	6.672	73.95	.1268
#2	6.034	2.588	.4908	6.983	73.66	.0007
#3	3.326	1.311	.0872	6.284	71.25	-.1547

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-1-b Acquired: 9/30/2011 22:51:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0228	.1749	-.5021
Stddev	.7877	.1168	1.625
%RSD	3456.	66.77	323.6

#1	-.1652	.2832	-2.196
#2	.8264	.0511	1.044
#3	-.7296	.1904	-.3545

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2571.5	37843.	5347.6
Stddev	6.8	196.	11.5
%RSD	.26593	.51778	.21453

#1	2575.9	38023.	5351.1
#2	2574.9	37872.	5356.9
#3	2563.6	37634.	5334.8

Sample Name: CCV Acquired: 9/30/2011 22:55:41 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125500.	2485.	1236.	10040.	995.6	126500.
Stddev	1442.	4.	.	42.	13.7	1775.
%RSD	1.149	.1462	.0130	.4136	1.380	1.403

#1	127200.	2486.	1236.	10070.	1011.	128500.
#2	124500.	2488.	1236.	10060.	985.6	125300.
#3	124900.	2481.	1236.	9991.	989.9	125800.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1261.	2492.	5009.	12490.	99900.	49970.
Stddev	5.	11.	9.	170.	84.	352.
%RSD	.3711	.4342	.1710	1.364	.0837	.7042

#1	1265.	2496.	5015.	12690.	99860.	50370.
#2	1263.	2500.	5013.	12370.	99990.	49710.
#3	1256.	2479.	4999.	12430.	99840.	49840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:55:41 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	124900.	5063.	124500.	2526.	7555.	1008.
Stddev	41.	14.	1140.	11.	29.	7.
%RSD	.0325	.2698	.9160	.4497	.3833	.7222

#1	124900.	5077.	125800.	2532.	7560.	1011.
#2	124900.	5060.	123600.	2534.	7582.	1014.
#3	124900.	5050.	124100.	2513.	7525.	1000.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2451.	2540.	2471.	2496.	1002.	2489.
Stddev	10.	14.	3.	10.	3.	17.
%RSD	.4121	.5476	.1291	.4107	.3420	.6657

#1	2444.	2549.	2473.	2500.	1002.	2500.
#2	2463.	2547.	2473.	2504.	1006.	2498.
#3	2447.	2524.	2468.	2485.	999.4	2470.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 22:55:41 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	993.6	5030.	9920.
Stddev	3.5	68.	128.
%RSD	.3530	1.350	1.293

#1	995.6	5107.	10070.
#2	995.6	4979.	9822.
#3	989.5	5004.	9873.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2326.9	33654.	5187.5
Stddev	7.0	27.	76.3
%RSD	.30017	.07937	1.4704

#1	2334.5	33679.	5101.1
#2	2325.4	33656.	5245.7
#3	2320.8	33626.	5215.7

Sample Name: CCB Acquired: 9/30/2011 22:59:10 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.77	-2.030	.5593	.4961	.1097	4.644
Stddev	20.28	3.819	.6305	.1631	.1476	13.59
%RSD	158.9	188.1	112.7	32.88	134.5	292.6

#1	35.94	-2.102	-.0999	.6709	.0260	20.17
#2	-1.751	1.824	1.156	.4696	.2801	-1.173
#3	4.107	-5.812	.6214	.3479	.0230	-5.066

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0454	-.3108	-.5401	-4.427	-1.696	-11.32
Stddev	.0537	.1702	.1629	3.619	2.921	71.01
%RSD	118.4	54.75	30.17	81.75	172.3	627.3

#1	.0155	-.3930	-.6712	-1.713	-.0475	8.696
#2	.0133	-.1152	-.5914	-3.032	-5.068	47.53
#3	.1074	-.4243	-.3577	-8.536	.0294	-90.19

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:59:10 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.932	.1376	31.71	.2359	-.9897	2.210
Stddev	4.961	.0587	9.12	.2960	1.380	.461
%RSD	100.6	42.66	28.76	125.5	139.4	20.87
#1	10.61	.2043	31.65	.0904	-1.198	1.996
#2	1.457	.1143	40.86	.0408	-2.254	1.894
#3	2.725	.0941	22.62	.5764	.4826	2.739

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.657	2.775	.3994	.7432	1.473	4.407
Stddev	2.677	1.023	.2126	.2056	.459	.324
%RSD	100.7	36.88	53.23	27.66	31.15	7.347
#1	5.410	3.800	.3446	.7319	1.621	4.625
#2	.0639	2.771	.6341	.9542	1.839	4.560
#3	2.497	1.754	.2196	.5435	.9582	4.035

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 22:59:10 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1102	.3090	2.244
Stddev	.8883	.0329	2.450
%RSD	806.4	10.63	109.2

#1	1.016	.2823	-.3941
#2	.0733	.3457	2.679
#3	-.7591	.2990	4.448

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2534.8	37143.	5248.5
Stddev	4.2	109.	21.8
%RSD	.16424	.29375	.41608

#1	2539.6	37019.	5242.2
#2	2532.4	37223.	5230.6
#3	2532.4	37186.	5272.8

Sample Name: 460-31492-q-3-b Acquired: 9/30/2011 23:03:03 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	49.58	2.269	.1556	1503.	-.0564	31520.
Stddev	9.53	2.126	.7427	3.	.0391	144.
%RSD	19.21	93.68	477.2	.1955	69.26	.4570

#1	39.15	.0041	.6856	1504.	-.0970	31420.
#2	51.77	2.583	-.6932	1506.	-.0531	31690.
#3	57.83	4.221	.4745	1500.	-.0191	31460.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0847	.6736	.5021	-.5217	27.39	801.7
Stddev	.0182	.3768	.2721	2.721	4.79	21.9
%RSD	21.48	55.93	54.18	521.5	17.47	2.732

#1	.0776	.2788	.4484	-3.222	25.59	793.7
#2	.1054	.7127	.7971	2.219	32.81	785.0
#3	.0712	1.029	.2610	-.5621	23.75	826.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-3-b Acquired: 9/30/2011 23:03:03 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9146.	1858.	9452.	2.219	.2580	.3577
Stddev	10.	5.	55.	.584	1.027	2.022
%RSD	.1109	.2638	.5851	26.32	398.2	565.2
#1	9134.	1854.	9394.	2.733	.0981	-1.374
#2	9151.	1863.	9505.	2.341	-.6799	2.579
#3	9152.	1856.	9457.	1.584	1.356	-.1319

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0149	.5264	.0320	.6731	26.90	270.6
Stddev	1.222	.8321	.3874	.1389	.52	1.4
%RSD	8216.	158.1	1210.	20.63	1.921	.5153
#1	-.0411	1.429	-.2023	.7449	27.21	271.1
#2	1.220	.3592	.4792	.5130	27.19	271.7
#3	-1.223	-.2094	-.1808	.7613	26.31	269.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-3-b Acquired: 9/30/2011 23:03:03 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1656	192.1	1.851
Stddev	.0374	.9	1.011
%RSD	22.59	.4523	54.64

#1	-.1895	191.2	.8961
#2	-.1225	192.9	2.911
#3	-.1849	192.2	1.747

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2528.0	36641.	5358.3
Stddev	1.7	93.	35.0
%RSD	.06788	.25342	.65266

#1	2528.8	36643.	5393.7
#2	2526.1	36547.	5323.7
#3	2529.2	36732.	5357.6

Sample Name: 460-31492-q-4-b Acquired: 9/30/2011 23:06:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	28.65	.8403	-.2913	1528.	.0848	32090.
Stddev	20.24	1.900	.4717	8.	.0217	41.
%RSD	70.63	226.1	161.9	.5111	25.60	.1280
#1	27.23	.4079	-.1481	1536.	.0996	32080.
#2	9.163	2.919	-.8180	1529.	.0599	32060.
#3	49.56	-.8061	.0921	1520.	.0950	32140.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0143	.2859	.7794	-1.220	23.03	822.5
Stddev	.0667	.0242	.2328	2.650	8.87	59.8
%RSD	465.2	8.478	29.87	217.3	38.51	7.268
#1	.0417	.3138	.8913	1.834	31.47	858.5
#2	.0034	.2743	.9352	-2.924	23.81	855.6
#3	-.0881	.2697	.5118	-2.569	13.79	753.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-4-b Acquired: 9/30/2011 23:06:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9246.	1880.	9637.	3.018	-.8301	1.371
Stddev	30.	9.	44.	.302	.6431	.437
%RSD	.3252	.4907	.4591	10.02	77.47	31.88
#1	9212.	1869.	9675.	3.367	-1.262	1.421
#2	9269.	1886.	9648.	2.838	-1.137	1.781
#3	9258.	1884.	9589.	2.849	-.0911	.9110

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.953	2.066	.6127	.5624	25.84	275.1
Stddev	2.920	.378	.3349	.1734	.44	2.0
%RSD	58.95	18.28	54.66	30.84	1.700	.7149
#1	1.745	2.126	.9645	.5820	25.42	276.7
#2	5.660	1.662	.5757	.7252	25.80	275.7
#3	7.455	2.410	.2978	.3800	26.30	272.9

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-4-b Acquired: 9/30/2011 23:06:50 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6315	196.0	2.285
Stddev	.2143	.8	.974
%RSD	33.94	.4194	42.62

#1	.6370	195.3	3.268
#2	.4145	195.8	2.265
#3	.8431	196.9	1.321

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2517.0	36686.	5323.8
Stddev	3.8	105.	13.3
%RSD	.15172	.28701	.24916

#1	2514.1	36803.	5325.5
#2	2515.6	36601.	5309.8
#3	2521.3	36652.	5336.2

Sample Name: 460-31492-q-5-b Acquired: 9/30/2011 23:10:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.67	.1695	.2326	287.3	-.0056	39150.
Stddev	5.82	.4114	.1537	1.0	.0517	196.
%RSD	18.38	242.7	66.09	.3409	924.3	.4994

#1	25.11	.5343	.4034	288.3	-.0293	38950.
#2	36.21	.2506	.1053	287.3	-.0412	39340.
#3	33.71	-.2764	.1891	286.4	.0537	39170.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0029	.0867	3.865	-2.217	4711.	2897.
Stddev	.0327	.2431	.232	2.741	15.	57.
%RSD	1146.	280.4	6.007	123.7	.3261	1.952

#1	-.0158	.3605	3.803	.3450	4694.	2910.
#2	.0343	.0035	4.122	-1.887	4713.	2946.
#3	-.0271	-.1038	3.670	-5.108	4725.	2835.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-5-b Acquired: 9/30/2011 23:10:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25720.	396.9	16340.	3.374	-.4116	1.896
Stddev	66.	1.5	63.	.141	.5885	.856
%RSD	.2576	.3700	.3832	4.177	143.0	45.13

#1	25650.	395.4	16330.	3.521	-.5894	1.502
#2	25740.	396.9	16410.	3.362	-.8906	2.878
#3	25780.	398.3	16280.	3.240	.2453	1.308

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5391	1.008	.9699	6.367	353.5	7.692
Stddev	2.502	.614	.2738	.221	1.5	.224
%RSD	464.1	60.89	28.23	3.474	.4241	2.915

#1	.1247	1.529	1.091	6.615	355.2	7.465
#2	-1.730	.3317	1.163	6.190	352.8	7.699
#3	3.222	1.163	.6566	6.297	352.5	7.913

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-5-b Acquired: 9/30/2011 23:10:36 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3329	1865.	2.447
Stddev	.3958	9.	1.537
%RSD	118.9	.4613	62.83

#1	-.7099	1855.	.9194
#2	-.3683	1872.	2.428
#3	.0794	1867.	3.994

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2491.2	36232.	5339.7
Stddev	1.6	95.	25.9
%RSD	.06358	.26299	.48461

#1	2492.8	36334.	5369.3
#2	2489.7	36218.	5328.5
#3	2491.0	36145.	5321.3

Sample Name: 460-31492-q-6-b Acquired: 9/30/2011 23:14:22 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	26.30	.1264	.3519	326.0	.0350	42750.
Stddev	15.83	.4895	.5460	1.5	.0410	26.
%RSD	60.17	387.1	155.2	.4748	117.2	.0618
#1	18.61	.1188	-.2734	327.8	.0738	42760.
#2	15.79	-.3592	.7343	325.5	-.0080	42770.
#3	44.51	.6197	.5947	324.8	.0392	42720.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0817	-.1177	1.385	-.9595	1989.	1732.
Stddev	.1259	.0242	.183	3.561	12.	82.
%RSD	154.2	20.53	13.23	371.2	.6009	4.753
#1	.2003	-.1128	1.417	-5.063	1983.	1663.
#2	-.0505	-.0964	1.549	.8582	1981.	1708.
#3	.0953	-.1439	1.187	1.326	2003.	1823.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-6-b Acquired: 9/30/2011 23:14:22 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22930.	48.79	11570.	.8977	2.037	.8559
Stddev	8.	.05	10.	.3417	.944	.4981
%RSD	.0370	.0935	.0897	38.06	46.35	58.20

#1	22940.	48.84	11580.	.6873	.9755	.5208
#2	22920.	48.76	11560.	1.292	2.351	.6186
#3	22930.	48.77	11560.	.7139	2.783	1.428

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.423	1.664	7.720	3.369	103.5	.2164
Stddev	1.876	2.047	.327	.128	.8	.1290
%RSD	131.9	123.0	4.237	3.811	.7379	59.64

#1	1.303	2.440	8.084	3.441	103.9	.3580
#2	-.3908	3.209	7.450	3.221	103.9	.1054
#3	3.355	-.6572	7.627	3.445	102.6	.1858

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-6-b Acquired: 9/30/2011 23:14:22 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2140	1673.	4.796
Stddev	.6206	2.	2.667
%RSD	290.1	.1106	55.61

#1	-.8924	1673.	6.498
#2	-.0748	1674.	6.169
#3	.3253	1671.	1.722

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2504.1	36213.	5320.3
Stddev	5.7	129.	2.6
%RSD	.22696	.35651	.04802

#1	2502.0	36296.	5319.8
#2	2510.6	36279.	5318.0
#3	2499.8	36064.	5323.0

Sample Name: 460-31492-q-7-b Acquired: 9/30/2011 23:18:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	33.69	1.812	.6768	462.4	.0493	45680.
Stddev	12.95	.988	.9019	1.4	.1462	7.
%RSD	38.43	54.55	133.3	.2984	296.6	.0151
#1	48.63	1.714	.4386	462.1	.1213	45680.
#2	26.12	2.845	1.674	463.9	-.1189	45680.
#3	26.31	.8760	-.0821	461.2	.1456	45690.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1621	-.1872	1.588	-2.845	18.67	1304.
Stddev	.1331	.2793	.287	1.334	1.94	43.
%RSD	82.12	149.2	18.07	46.88	10.39	3.303
#1	.0291	-.1955	1.488	-2.098	16.72	1273.
#2	.1618	.0962	1.911	-2.052	20.60	1287.
#3	.2953	-.4623	1.364	-4.385	18.69	1353.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-7-b Acquired: 9/30/2011 23:18:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19880.	170.6	11460.	.9463	-.0837	1.0000
Stddev	18.	.5	23.	.1074	.8496	1.206
%RSD	.0899	.2720	.2041	11.35	1015.	120.6

#1	19860.	170.9	11440.	.8627	.8367	1.532
#2	19880.	170.1	11480.	.9088	-.2500	1.848
#3	19900.	170.9	11460.	1.067	-.8379	-.3801

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.746	1.787	11.61	1.981	89.75	.7761
Stddev	.912	2.388	.10	.303	.47	.1845
%RSD	52.25	133.6	.8185	15.31	.5182	23.78

#1	.6999	1.321	11.50	1.686	89.28	.6128
#2	2.162	-.3341	11.64	1.967	90.21	.9763
#3	2.377	4.373	11.68	2.292	89.75	.7391

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-7-b Acquired: 9/30/2011 23:18:10 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3865	578.8	6.020
Stddev	.8791	.6	.857
%RSD	227.4	.0990	14.23

#1	-.4944	579.0	6.866
#2	-1.207	578.1	6.041
#3	.5416	579.1	5.154

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2498.7	36257.	5323.1
Stddev	4.6	92.	14.7
%RSD	.18281	.25253	.27672

#1	2503.7	36257.	5313.6
#2	2497.6	36348.	5315.6
#3	2494.8	36165.	5340.0

Sample Name: 460-31492-q-8-b Acquired: 9/30/2011 23:21:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	40.43	9.286	-.3283	135.2	.0566	28010.
Stddev	12.71	3.939	.7246	.6	.0111	70.
%RSD	31.43	42.42	220.7	.4146	19.69	.2516
#1	29.35	7.711	-.9326	135.2	.0676	27990.
#2	37.62	13.77	.4750	135.8	.0567	27950.
#3	54.30	6.378	-.5271	134.7	.0454	28090.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0427	-.4631	.6427	-3.131	209.4	1902.
Stddev	.0484	.2781	.0996	1.770	9.2	34.
%RSD	113.4	60.04	15.50	56.53	4.405	1.790
#1	.0448	-.2051	.6825	-1.201	198.8	1877.
#2	-.0067	-.7576	.5294	-4.679	214.1	1941.
#3	.0901	-.4266	.7163	-3.512	215.4	1888.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-8-b Acquired: 9/30/2011 23:21:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	20530.	92.93	22460.	.9755	1.003	2.050
Stddev	29.	.16	90.	.2318	.897	.175
%RSD	.1418	.1711	.4005	23.76	89.41	8.553

#1	20500.	92.82	22420.	1.232	1.901	1.851
#2	20550.	93.12	22390.	.7814	1.001	2.182
#3	20550.	92.86	22560.	.9129	.1073	2.116

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-4.767	3.329	1.951	2.750	409.6	7.499
Stddev	3.237	2.050	.436	.226	1.5	.207
%RSD	679.0	61.60	22.32	8.214	.3651	2.755

#1	-3.976	1.518	2.454	2.496	407.9	7.546
#2	2.410	5.555	1.688	2.927	410.3	7.679
#3	.1356	2.914	1.712	2.827	410.7	7.273

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-8-b Acquired: 9/30/2011 23:21:58 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0744	3447.	2.771
Stddev	.3993	10.	.979
%RSD	536.8	.2901	35.31

#1	-.3561	3444.	1.678
#2	.4326	3439.	3.566
#3	.1467	3459.	3.071

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2514.4	36492.	5328.7
Stddev	5.0	41.	20.6
%RSD	.20054	.11286	.38638

#1	2520.2	36516.	5308.3
#2	2510.9	36444.	5349.5
#3	2512.2	36516.	5328.4

Sample Name: 460-31492-q-9-b Acquired: 9/30/2011 23:25:46 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	50.34	-1.608	.4013	778.9	-.0760	70820.
Stddev	11.02	1.891	.6541	.6	.0788	135.
%RSD	21.89	117.6	163.0	.0815	103.7	.1909

#1	49.25	-.5214	1.068	778.5	.0139	70820.
#2	61.85	-3.792	-.2392	779.6	-.1334	70960.
#3	39.90	-.5105	.3748	778.5	-.1085	70690.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0053	.4255	-.0538	-.5450	3.859	1344.
Stddev	.1341	.0379	.2624	1.784	11.70	47.
%RSD	2532.	8.896	487.8	327.3	303.0	3.507

#1	-.1489	.4616	-.2339	-2.383	-4.784	1325.
#2	.0699	.4288	.2472	-.4319	-.8051	1398.
#3	.0949	.3861	-.1747	1.180	17.17	1309.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-9-b Acquired: 9/30/2011 23:25:46 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25410.	744.4	13560.	.7253	1.201	.2448
Stddev	76.	1.8	2.	.3578	2.143	2.295
%RSD	.2975	.2354	.0166	49.33	178.4	937.5

#1	25480.	746.2	13560.	.9099	.8709	-2.398
#2	25330.	742.7	13570.	.3129	-.7573	1.394
#3	25420.	744.1	13560.	.9531	3.489	1.738

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.949	2.514	7.368	1.380	61.41	6.712
Stddev	1.652	.786	.369	.077	.50	.117
%RSD	84.72	31.26	5.013	5.561	.8060	1.737

#1	.0675	2.358	7.253	1.390	61.65	6.637
#2	3.158	3.365	7.782	1.298	60.84	6.846
#3	2.623	1.817	7.070	1.451	61.74	6.653

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31492-q-9-b Acquired: 9/30/2011 23:25:46 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3237	575.4	6.669
Stddev	1.488	2.2	1.791
%RSD	459.6	.3737	26.86

#1	1.627	575.3	5.472
#2	.6412	577.6	5.807
#3	-1.297	573.3	8.729

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2481.2	36092.	5331.9
Stddev	4.6	113.	4.8
%RSD	.18711	.31239	.09013

#1	2483.7	36073.	5335.7
#2	2484.1	36213.	5326.5
#3	2475.8	35990.	5333.5

Sample Name: 460-31559-a-17-c@5 Acquired: 9/30/2011 23:29:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	610.6	3.509	.3641	148.9	.2443	41340.
Stddev	11.4	1.609	.2738	.6	.0202	60.
%RSD	1.863	45.85	75.20	.3833	8.256	.1442

#1	619.8	5.292	.5396	148.8	.2592	41270.
#2	614.3	2.164	.5040	149.5	.2214	41370.
#3	597.9	3.072	.0486	148.3	.2525	41390.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3012	4.476	30.31	-3.542	3626.	766.2
Stddev	.0452	.170	.44	3.381	9.	43.5
%RSD	15.02	3.797	1.453	95.45	.2573	5.677

#1	.3012	4.450	29.99	-7.440	3624.	787.3
#2	.2560	4.658	30.13	-1.778	3637.	716.2
#3	.3465	4.321	30.81	-1.408	3618.	795.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-17-c@5 Acquired: 9/30/2011 23:29:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1567.	1190.	244700.	6.703	116.9	-.6827
Stddev	10.	3.	356.	.170	.9	2.136
%RSD	.6356	.2435	.1453	2.535	.7688	312.9

#1	1577.	1192.	244700.	6.543	117.7	-3.143
#2	1566.	1192.	244300.	6.685	115.9	.3975
#3	1558.	1187.	245000.	6.881	117.2	.6973

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.572	3.689	1.418	287.1	29.35	-.0031
Stddev	1.185	.620	.320	1.4	.79	.2893
%RSD	75.37	16.82	22.60	.4704	2.703	9410.

#1	1.289	4.182	1.600	286.9	29.93	-.2906
#2	.5543	3.892	1.606	288.6	29.68	.2879
#3	2.872	2.992	1.048	285.9	28.45	-.0065

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-17-c@5 Acquired: 9/30/2011 23:29:34 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-4737	82.28	30.69
Stddev	1.273	.16	1.13
%RSD	268.7	.2002	3.679

#1	-1167	82.09	32.00
#2	.5825	82.39	30.06
#3	-1.887	82.35	30.02

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2420.8	34457.	5271.2
Stddev	5.0	53.	10.6
%RSD	.20508	.15339	.20097

#1	2426.5	34499.	5280.5
#2	2418.2	34398.	5273.3
#3	2417.7	34474.	5259.7

Sample Name: 460-31559-a-18-b@5 Acquired: 9/30/2011 23:33:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	451.9	.1265	-.0378	123.7	.1153	39800.
Stddev	7.4	.9716	.2227	.5	.0297	240.
%RSD	1.629	767.8	588.9	.4288	25.73	.6020

#1	453.3	.9276	.0940	123.8	.1440	40070.
#2	444.0	-.9542	-.2949	124.1	.0847	39660.
#3	458.5	.4063	.0875	123.1	.1172	39660.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3469	5.513	50.34	.1532	2877.	687.2
Stddev	.1162	.090	.19	2.846	7.	57.6
%RSD	33.49	1.631	.3706	1858.	.2525	8.378

#1	.4217	5.553	50.54	1.605	2876.	653.2
#2	.4058	5.577	50.18	1.981	2885.	753.7
#3	.2130	5.411	50.29	-3.126	2871.	654.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-18-b@5 Acquired: 9/30/2011 23:33:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2158.	1081.	F 268800.	8.439	20.86	.1378
Stddev	4.	3.	1007.	.425	1.20	.2940
%RSD	.1740	.2726	.3746	5.033	5.735	213.3

#1	2162.	1085.	270000.	8.488	21.04	.3865
#2	2155.	1080.	268300.	8.837	21.95	.2137
#3	2156.	1080.	268200.	7.992	19.58	-.1867

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.020	1.400	1.142	143.5	23.28	-.2983
Stddev	2.164	2.622	.173	.8	.82	.1309
%RSD	212.2	187.3	15.13	.5355	3.528	43.86

#1	-1.180	-.3708	1.340	144.0	23.49	-.1841
#2	1.094	4.411	1.070	144.0	23.97	-.4411
#3	3.145	.1586	1.018	142.6	22.37	-.2699

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-18-b@5 Acquired: 9/30/2011 23:33:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0506	86.38	17.63
Stddev	.5811	.46	.85
%RSD	1149.	.5285	4.842

#1	-.7131	86.90	17.34
#2	.1882	86.19	18.59
#3	.3731	86.05	16.96

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2419.3	34316.	5254.6
Stddev	1.7	92.	24.0
%RSD	.07053	.26888	.45616

#1	2419.9	34217.	5227.0
#2	2420.7	34329.	5266.9
#3	2417.4	34401.	5269.9

Sample Name: 460-31559-a-19-c@5 Acquired: 9/30/2011 23:37:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	236.0	.3867	.7294	67.57	.2426	4794.
Stddev	4.3	1.456	.3884	.26	.1164	16.
%RSD	1.803	376.5	53.26	.3841	47.99	.3338

#1	231.5	1.264	.5583	67.55	.3527	4792.
#2	239.9	1.191	.4559	67.84	.2542	4779.
#3	236.5	-1.294	1.174	67.33	.1208	4811.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0836	5.841	.4925	-2.556	946.7	959.7
Stddev	.1271	.387	.3448	3.664	17.1	82.2
%RSD	152.0	6.625	70.01	143.3	1.810	8.562

#1	.0933	6.174	.2294	-4.828	931.7	866.3
#2	-.0480	5.932	.8828	1.671	965.4	991.9
#3	.2055	5.417	.3653	-4.511	942.9	1021.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-19-c@5 Acquired: 9/30/2011 23:37:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	550.2	516.4	F 280400.	2.226	8.415	-.4058
Stddev	1.6	1.5	673.	.265	1.854	1.812
%RSD	.2872	.2881	.2401	11.92	22.04	446.5

#1	551.5	516.8	281100.	2.531	8.756	-2.498
#2	550.7	517.6	279900.	2.049	6.414	.6219
#3	548.4	514.7	280100.	2.097	10.08	.6587

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.144	-.0187	.8513	30.33	23.33	-.1858
Stddev	2.133	1.449	.2240	.40	.58	.0638
%RSD	186.5	7757.	26.31	1.328	2.484	34.33

#1	-.6089	-1.234	.9122	30.07	23.96	-.2066
#2	3.519	-.4072	1.038	30.79	22.82	-.2366
#3	.5216	1.585	.6031	30.12	23.21	-.1142

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-19-c@5 Acquired: 9/30/2011 23:37:05 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1785	20.73	6.229
Stddev	.1380	.16	1.559
%RSD	77.34	.7857	25.03

#1	-.1345	20.92	6.091
#2	-.3331	20.67	4.743
#3	-.0678	20.61	7.852

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2417.6	34312.	5268.4
Stddev	8.0	96.	13.9
%RSD	.33156	.28070	.26315

#1	2426.1	34402.	5256.2
#2	2416.7	34211.	5265.5
#3	2410.1	34324.	5283.5

Sample Name: CCV Acquired: 9/30/2011 23:40:57 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2494.	1240.	10090.	1003.	127400.
Stddev	683.	5.	4.	8.	4.	381.
%RSD	.5409	.1981	.3047	.0840	.4275	.2986

#1	127000.	2498.	1238.	10090.	1008.	127800.
#2	125700.	2497.	1245.	10090.	999.5	127100.
#3	126000.	2489.	1238.	10080.	1002.	127400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1268.	2505.	5034.	12580.	100300.	50060.
Stddev	1.	2.	7.	57.	108.	328.
%RSD	.0441	.0623	.1407	.4530	.1078	.6553

#1	1268.	2507.	5029.	12650.	100200.	50440.
#2	1267.	2504.	5042.	12540.	100400.	49900.
#3	1267.	2504.	5032.	12560.	100300.	49840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 23:40:57 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125600.	5098.	124800.	2540.	7573.	1008.
Stddev	251.	23.	832.	1.	11.	.
%RSD	.1999	.4477	.6663	.0443	.1450	.0357

#1	125300.	5073.	125800.	2540.	7586.	1008.
#2	125800.	5118.	124200.	2540.	7567.	1008.
#3	125600.	5103.	124500.	2538.	7567.	1007.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2464.	2558.	2482.	2511.	1008.	2506.
Stddev	3.	8.	1.	3.	1.	5.
%RSD	.1344	.3219	.0371	.1090	.1195	.1944

#1	2465.	2568.	2482.	2514.	1009.	2511.
#2	2461.	2553.	2482.	2510.	1008.	2507.
#3	2467.	2554.	2481.	2509.	1007.	2501.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 9/30/2011 23:40:57 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1001.	5071.	9981.
Stddev	2.	14.	59.
%RSD	.1878	.2803	.5931

#1	1002.	5086.	10050.
#2	998.6	5057.	9931.
#3	1001.	5070.	9966.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2324.8	33570.	5153.4
Stddev	2.7	63.	15.0
%RSD	.11506	.18785	.29112

#1	2327.1	33642.	5141.6
#2	2325.4	33524.	5170.3
#3	2321.9	33543.	5148.2

Sample Name: CCB Acquired: 9/30/2011 23:44:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.829	-.1999	.5264	.2710	.0801	-2.207
Stddev	8.073	1.694	.1473	.0950	.0948	8.675
%RSD	167.2	847.5	27.97	35.07	118.4	393.1
#1	6.572	1.754	.6922	.3785	.0043	-8.593
#2	11.89	-1.245	.4763	.2359	.0495	-5.698
#3	-3.974	-1.109	.4108	.1985	.1864	7.670

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0466	-.0037	-.1323	.9231	-16.43	-6.064
Stddev	.0487	.0670	.3209	1.646	10.32	118.6
%RSD	104.5	1835.	242.5	178.3	62.78	1955.
#1	.1012	-.0805	-.3516	.3892	-13.51	86.49
#2	.0075	.0427	.2360	-.3894	-7.889	35.01
#3	.0311	.0268	-.2815	2.770	-27.89	-139.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 23:44:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.608	.3871	68.19	.0690	-.6900	2.429
Stddev	4.221	.0627	2.24	.1932	.4697	1.006
%RSD	91.59	16.20	3.283	280.1	68.07	41.40
#1	9.478	.4583	70.43	-.1041	-.4947	3.427
#2	2.020	.3635	65.96	.2774	-.3495	1.416
#3	2.326	.3397	68.19	.0336	-1.226	2.444

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.8100	1.487	.0077	1.014	1.182	4.583
Stddev	3.338	2.189	.4028	.182	.181	.610
%RSD	412.1	147.2	5206.	17.96	15.29	13.31
#1	3.038	-.9142	.4542	1.155	.9824	4.529
#2	2.420	3.371	-.3283	.8084	1.229	5.219
#3	-3.028	2.004	-.1027	1.079	1.335	4.002

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 9/30/2011 23:44:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.2721	-.0031	2.181
Stddev	1.127	.0921	.699
%RSD	414.1	2929.	32.02

#1	.9585	.0624	1.444
#2	-.5215	.0365	2.266
#3	-1.253	-.1084	2.833

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2526.3	37090.	5285.7
Stddev	7.9	78.	25.2
%RSD	.31080	.20956	.47700

#1	2519.5	37166.	5282.8
#2	2524.5	37011.	5312.3
#3	2534.9	37094.	5262.1

Sample Name: mb 460-87872/1-a Acquired: 9/30/2011 23:48:20 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	31.39	-.8565	.8086	-.0299	.0883	-1.919
Stddev	11.80	.8875	.4282	.0954	.1154	15.57
%RSD	37.58	103.6	52.96	319.3	130.7	811.5

#1	20.84	-.4686	.5068	-.1168	.0012	-15.37
#2	29.21	-.2290	.6202	-.0450	.2192	15.14
#3	44.13	-1.872	1.299	.0721	.0445	-5.522

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0645	-.1566	-.4697	-.1418	-2.904	-41.04
Stddev	.1362	.2341	.4593	3.289	.947	18.43
%RSD	211.1	149.5	97.79	2320.	32.60	44.91

#1	-.0161	.1114	.0058	2.195	-2.273	-23.00
#2	.2218	-.2596	-.5038	-3.903	-2.447	-59.84
#3	-.0121	-.3216	-.9110	1.283	-3.993	-40.29

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87872/1-a Acquired: 9/30/2011 23:48:20 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.224	.0728	78.00	.4571	-.3828	.1970
Stddev	2.161	.0502	2.69	.1879	.6381	.9843
%RSD	176.6	68.95	3.448	41.10	166.7	499.6
#1	-3.698	.0276	79.30	.2782	.1877	.7771
#2	.2898	.0640	74.90	.6528	-1.072	-.9394
#3	-.2626	.1268	79.79	.4403	-.2642	.7533

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.391	1.037	.1878	.5712	1.494	.3641
Stddev	1.716	.140	.3476	.1861	.390	.1092
%RSD	123.4	13.51	185.1	32.58	26.09	29.98
#1	2.579	1.143	.5876	.5803	1.641	.2654
#2	2.169	.8781	.0189	.3808	1.788	.3456
#3	-.5766	1.089	-.0430	.7527	1.052	.4814

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: mb 460-87872/1-a Acquired: 9/30/2011 23:48:20 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0232	.0427	-1.184
Stddev	.4196	.1395	.873
%RSD	1809.	326.4	73.77

#1	.0722	-.0593	-1.380
#2	-.4188	-.0142	-.2290
#3	.4161	.2017	-1.942

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2562.0	37780.	5309.6
Stddev	4.2	168.	24.1
%RSD	.16400	.44524	.45349

#1	2563.3	37954.	5302.0
#2	2565.4	37767.	5336.5
#3	2557.3	37618.	5290.2

Sample Name: lcs 460-87872/2-a Acquired: 9/30/2011 23:52:11 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 5436.	F 5226.	F 505.9	F 10920.	F 1062.	22190.
Stddev	28.	24.	1.0	48.	4.	77.
%RSD	.5232	.4612	.2064	.4356	.3532	.3482

#1	5467.	5236.	507.1	10950.	1066.	22260.
#2	5411.	5242.	505.1	10940.	1061.	22200.
#3	5429.	5198.	505.5	10870.	1059.	22110.

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Pass
Value	2000.	2000.	50.00	2000.	50.00	
Range	15.00%	15.00%	15.00%	15.00%	15.00%	

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 1105.	F 1121.	F 5357.	F 1090.	1046.	21040.
Stddev	5.	6.	7.	4.	7.	42.
%RSD	.4072	.5299	.1398	.3544	.6962	.2014

#1	1108.	1125.	5366.	1091.	1038.	21010.
#2	1108.	1124.	5351.	1086.	1049.	21080.
#3	1100.	1115.	5355.	1093.	1051.	21020.

Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass
Value	50.00	500.0	200.0	250.0		
Range	15.00%	15.00%	15.00%	15.00%		

Sample Name: lcs 460-87872/2-a Acquired: 9/30/2011 23:52:11 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	21230.	F 1103.	21410.	F 1145.	F 5644.	F 1061.
Stddev	64.	3.	55.	6.	23.	6.
%RSD	.2994	.2914	.2589	.5382	.3990	.6073

#1	21310.	1107.	21400.	1148.	5653.	1066.
#2	21190.	1100.	21470.	1148.	5661.	1064.
#3	21210.	1104.	21360.	1138.	5619.	1054.

Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Fail
Value		500.0		500.0	500.0	500.0
Range		15.00%		15.00%	15.00%	15.00%

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	F 1030.	F 1177.	527.2	F 1092.	F 1067.	F 1081.
Stddev	1.	7.	.9	4.	2.	6.
%RSD	.1168	.6357	.1756	.3925	.1442	.5871

#1	1032.	1184.	528.2	1094.	1068.	1086.
#2	1029.	1177.	526.5	1094.	1067.	1083.
#3	1030.	1169.	526.8	1087.	1065.	1074.

Check ?	Chk Fail	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Fail
Value	2000.	2000.		500.0	500.0	500.0
Range	-15.00%	-15.00%		15.00%	15.00%	15.00%

Sample Name: lcs 460-87872/2-a Acquired: 9/30/2011 23:52:11 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	F 996.2	F 1070.	F 1046.
Stddev	6.7	3.	2.
%RSD	.6734	.2605	.1668

#1	1001.	1073.	1046.
#2	998.8	1069.	1048.
#3	988.6	1068.	1045.

Check ?	Chk Fail	Chk Fail	Chk Fail
Value	500.0	500.0	500.0
Range	15.00%	15.00%	15.00%

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2445.8	35929.	5307.4
Stddev	1.7	77.	13.7
%RSD	.07109	.21492	.25883

#1	2446.2	35846.	5295.7
#2	2443.9	35943.	5322.5
#3	2447.3	35999.	5303.9

Sample Name: 460-31559-a-20-c du@ Acquired: 9/30/2011 23:55:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	108.4	1.440	.5422	74.32	.2807	5570.
Stddev	2.9	.276	.6780	.82	.0225	19.
%RSD	2.674	19.15	125.0	1.106	8.025	.3381
#1	106.0	1.178	-.1734	75.07	.3036	5591.
#2	111.6	1.414	1.175	74.45	.2585	5554.
#3	107.7	1.728	.6252	73.44	.2801	5566.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1372	5.166	2.312	-.1038	124.4	1097.
Stddev	.1125	.147	.442	1.968	.5	17.
%RSD	82.04	2.851	19.10	1896.	.4418	1.511
#1	.2569	5.054	2.578	-2.375	124.9	1098.
#2	.1210	5.110	1.802	1.109	123.8	1113.
#3	.0336	5.333	2.554	.9548	124.5	1080.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-c du@ Acquired: 9/30/2011 23:55:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	715.8	607.9	F 291000.	2.569	6.668	1.504
Stddev	5.0	3.1	1481.	.182	.951	3.040
%RSD	.7048	.5147	.5088	7.082	14.26	202.1
#1	719.0	610.7	292500.	2.593	5.956	-.9040
#2	718.4	608.5	289500.	2.738	6.299	.4958
#3	709.9	604.5	291200.	2.377	7.747	4.919
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.115	1.852	.6989	17.91	35.72	2.148
Stddev	3.374	1.086	.1871	.20	.79	.367
%RSD	302.7	58.65	26.77	1.100	2.218	17.11
#1	-2.629	1.372	.7375	18.06	36.58	1.985
#2	3.921	3.095	.4955	17.98	35.02	2.568
#3	2.052	1.088	.8636	17.68	35.55	1.889
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-c du@ Acquired: 9/30/2011 23:55:41 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.6199	25.02	1.078
Stddev	.1960	.06	.869
%RSD	31.62	.2465	80.57

#1	.5386	24.96	.1647
#2	.4776	25.08	1.893
#3	.8434	25.03	1.176

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2423.0	34387.	5275.6
Stddev	1.1	19.	21.7
%RSD	.04708	.05518	.41068

#1	2421.8	34400.	5287.5
#2	2423.4	34365.	5288.8
#3	2424.0	34395.	5250.6

Sample Name: 460-31559-a-20-b@5 Acquired: 9/30/2011 23:59:30 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	114.4	1.981	.8070	73.94	.1217	5610.
Stddev	18.0	1.716	.2781	.86	.1045	76.
%RSD	15.71	86.64	34.46	1.159	85.87	1.361

#1	131.3	1.606	.4867	74.62	.0579	5697.
#2	116.5	3.853	.9486	74.23	.0648	5577.
#3	95.48	.4826	.9858	72.98	.2422	5556.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1771	5.216	2.187	3.999	118.2	1041.
Stddev	.0387	.188	.161	3.788	4.7	31.
%RSD	21.82	3.610	7.345	94.72	4.009	2.981

#1	.1909	5.337	2.001	-.3507	123.3	1043.
#2	.1335	5.312	2.274	5.777	114.0	1009.
#3	.2070	4.999	2.285	6.571	117.3	1071.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-b@5 Acquired: 9/30/2011 23:59:30 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	710.2	608.8	F 291000.	2.298	8.413	1.964
Stddev	7.3	6.0	2817.	.418	.059	2.033
%RSD	1.023	.9871	.9680	18.19	.6959	103.5

#1	718.2	614.8	294100.	1.816	8.451	2.462
#2	708.7	608.7	290300.	2.544	8.346	-.2722
#3	703.9	602.8	288700.	2.536	8.442	3.702

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.6081	-.1241	1.194	17.73	34.20	.3812
Stddev	1.109	2.963	.445	.37	.54	.4300
%RSD	182.3	2389.	37.24	2.090	1.568	112.8

#1	-1.547	3.280	1.291	17.72	34.25	.8714
#2	.6151	-1.527	.7087	18.10	34.72	.2042
#3	-.8926	-2.125	1.582	17.36	33.65	.0679

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-b@5 Acquired: 9/30/2011 23:59:30 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5947	25.18	-.6922
Stddev	.4071	.30	1.251
%RSD	68.46	1.181	180.7

#1	.8892	25.40	-1.735
#2	.1301	25.29	-1.037
#3	.7648	24.84	.6949

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2419.0	34203.	5250.8
Stddev	4.1	103.	24.7
%RSD	.16809	.30095	.46965

#1	2423.7	34089.	5223.0
#2	2417.1	34231.	5259.8
#3	2416.3	34290.	5269.8

Sample Name: sd 460-31559-a-20-b@ Acquired: 10/1/2011 0:03:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	25.43	-1.442	.2856	14.75	-.0054	1080.
Stddev	7.70	1.641	.4287	.18	.0953	19.
%RSD	30.29	113.8	150.1	1.238	1761.	1.775
#1	34.32	.4072	.4557	14.83	-.0716	1062.
#2	20.84	-2.006	.6031	14.88	-.0484	1079.
#3	21.13	-2.727	-.2020	14.54	.1038	1100.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0524	1.114	-.1094	.2417	14.55	165.0
Stddev	.0369	.235	.4144	3.046	7.80	16.4
%RSD	70.52	21.14	378.8	1260.	53.61	9.969
#1	.0372	.9722	-.1476	2.419	5.556	154.6
#2	.0945	.9841	.3228	1.545	18.62	156.4
#3	.0254	1.386	-.5034	-3.240	19.48	184.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31559-a-20-b@ Acquired: 10/1/2011 0:03:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	142.4	119.7	58940.	-.0528	1.280	1.772
Stddev	3.9	.8	282.	.0705	1.107	1.315
%RSD	2.771	.6679	.4788	133.5	86.54	74.21

#1	144.1	120.5	59150.	-.1204	2.089	.8731
#2	145.3	119.6	59060.	-.0583	.0176	3.281
#3	137.9	118.9	58620.	.0203	1.733	1.162

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.893	1.289	.2200	4.041	7.353	-.2077
Stddev	1.012	.798	.2420	.107	.192	.1446
%RSD	34.96	61.90	110.0	2.658	2.613	69.63

#1	3.610	2.209	.4977	4.059	7.489	-.2174
#2	3.334	.8732	.1082	4.139	7.437	-.0585
#3	1.736	.7846	.0540	3.926	7.133	-.3472

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: sd 460-31559-a-20-b@ Acquired: 10/1/2011 0:03:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.6531	4.932	-.6626
Stddev	.7741	.026	1.843
%RSD	118.5	.5213	278.1

#1	.0410	4.961	1.092
#2	-1.488	4.912	-2.582
#3	-.5126	4.923	-.4979

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2485.4	35850.	5282.7
Stddev	3.2	109.	28.9
%RSD	.12765	.30416	.54687

#1	2488.4	35898.	5308.0
#2	2485.7	35927.	5288.9
#3	2482.1	35725.	5251.3

Sample Name: 460-31559-a-20-d ms@ Acquired: 10/1/2011 0:07:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1128.	999.1	96.86	2068.	201.4	9771.
Stddev	28.	19.8	.37	38.	2.6	130.
%RSD	2.468	1.983	.3775	1.816	1.295	1.335

#1	1152.	1011.	97.28	2089.	204.1	9911.
#2	1134.	1011.	96.68	2091.	201.3	9747.
#3	1098.	976.2	96.62	2025.	198.9	9654.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	207.3	210.6	1022.	202.4	320.5	5096.
Stddev	3.9	4.3	15.	5.6	6.9	58.
%RSD	1.896	2.048	1.427	2.767	2.166	1.147

#1	209.6	213.1	1035.	204.1	321.3	5111.
#2	209.6	213.1	1025.	206.9	313.2	5146.
#3	202.8	205.6	1006.	196.1	327.0	5032.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-d ms@ Acquired: 10/1/2011 0:07:09 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4647.	816.1	F 291600.	211.7	1035.	193.8
Stddev	60.	13.6	2644.	4.0	18.	5.6
%RSD	1.286	1.663	.9067	1.902	1.732	2.905

#1	4703.	830.6	294000.	214.3	1044.	196.4
#2	4654.	814.2	291900.	213.8	1047.	197.6
#3	4584.	803.7	288800.	207.1	1014.	187.3

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	197.5	206.3	101.4	225.5	230.1	199.4
Stddev	4.8	6.5	1.1	4.4	4.0	5.1
%RSD	2.452	3.156	1.082	1.969	1.747	2.557

#1	198.5	210.9	102.2	227.9	232.2	202.3
#2	201.7	209.2	101.9	228.2	232.6	202.4
#3	192.2	198.8	100.1	220.4	225.5	193.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31559-a-20-d ms@ Acquired: 10/1/2011 0:07:09 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	182.2	224.9	199.6
Stddev	3.2	3.3	2.2
%RSD	1.772	1.487	1.126

#1	183.7	228.5	200.5
#2	184.4	224.4	201.3
#3	178.5	221.9	197.0

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2412.7	34172.	5258.6
Stddev	4.2	308.	49.4
%RSD	.17288	.90155	.94016

#1	2417.5	33820.	5201.9
#2	2410.6	34305.	5281.0
#3	2410.0	34392.	5292.8

Sample Name: pds 460-31559-a-20-b Acquired: 10/1/2011 0:10:47 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5065.	5016.	480.3	9923.	982.6	25970.
Stddev	25.	48.	3.0	77.	6.1	108.
%RSD	.4904	.9559	.6349	.7754	.6216	.4169

#1	5089.	5045.	483.9	9973.	986.5	26030.
#2	5067.	5042.	478.4	9961.	985.8	26030.
#3	5040.	4961.	478.8	9834.	975.6	25840.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1017.	1019.	5004.	1013.	1110.	20640.
Stddev	8.	10.	48.	7.	19.	163.
%RSD	.7652	.9350	.9638	.7080	1.684	.7917

#1	1022.	1026.	5050.	1013.	1128.	20820.
#2	1020.	1024.	5009.	1020.	1110.	20490.
#3	1008.	1008.	4954.	1006.	1091.	20620.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31559-a-20-b Acquired: 10/1/2011 0:10:47 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	19960.	1622.	F 304600.	1039.	5056.	987.7
Stddev	165.	12.	1716.	9.	39.	9.3
%RSD	.8242	.7367	.5633	.9030	.7669	.9415

#1	20120.	1632.	306500.	1045.	5084.	991.2
#2	19970.	1625.	304300.	1044.	5073.	994.7
#3	19790.	1609.	303200.	1028.	5012.	977.2

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	989.2	1017.	496.2	1040.	1011.	995.9
Stddev	10.1	8.	4.6	9.	5.	9.5
%RSD	1.016	.7829	.9318	.8816	.4542	.9578

#1	996.2	1023.	501.0	1046.	1012.	1003.
#2	993.6	1021.	495.8	1044.	1015.	999.7
#3	977.7	1008.	491.8	1029.	1006.	985.1

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: pds 460-31559-a-20-b Acquired: 10/1/2011 0:10:47 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	950.7	1005.	984.2
Stddev	11.5	7.	4.3
%RSD	1.204	.6678	.4408

#1	959.1	1006.	986.5
#2	955.4	1010.	987.0
#3	937.7	997.2	979.2

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2374.2	34028.	5254.4
Stddev	1.7	83.	15.9
%RSD	.07264	.24348	.30313

#1	2376.2	34043.	5264.2
#2	2373.0	33938.	5236.0
#3	2373.4	34102.	5263.0

Sample Name: 460-31486-a-1-i@5 Acquired: 10/1/2011 0:14:16 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1377.	-1.163	.8534	284.4	.0283	4556.
Stddev	14.	1.429	.4224	1.8	.0225	14.
%RSD	1.035	122.9	49.50	.6189	79.39	.2983

#1	1392.	-.0650	1.207	285.4	.0118	4556.
#2	1374.	-.6450	.9671	285.4	.0192	4543.
#3	1364.	-2.779	.3857	282.4	.0540	4570.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2803	6.741	1.087	3.665	491.0	376.7
Stddev	.0670	.124	.469	.919	14.8	12.3
%RSD	23.90	1.836	43.19	25.06	3.022	3.266

#1	.2087	6.860	1.354	3.775	486.5	367.8
#2	.2907	6.748	1.361	4.524	507.5	390.7
#3	.3414	6.613	.5448	2.696	478.9	371.5

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31486-a-1-i@5 Acquired: 10/1/2011 0:14:16 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	431.2	9426.	F 286500.	6.226	-1.126	4.164
Stddev	4.0	32.	1561.	.351	.673	.631
%RSD	.9237	.3379	.5448	5.641	59.78	15.15
#1	435.1	9460.	288100.	5.916	-.4361	3.613
#2	427.2	9419.	286300.	6.607	-1.161	4.027
#3	431.4	9398.	285100.	6.153	-1.781	4.852
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.369	5.557	.0860	6.663	24.50	1.990
Stddev	2.044	2.180	.6433	.071	.69	.127
%RSD	46.79	39.23	748.4	1.068	2.813	6.379
#1	6.646	7.645	.4076	6.744	25.04	1.864
#2	3.771	5.732	-.6548	6.634	24.75	2.118
#3	2.691	3.295	.5050	6.610	23.73	1.989
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31486-a-1-i@5 Acquired: 10/1/2011 0:14:16 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-6054	61.69	-6.692
Stddev	.8939	.34	1.870
%RSD	147.6	.5534	27.94

#1	-1.437	62.09	-5.667
#2	-.7192	61.51	-8.850
#3	.3398	61.49	-5.558

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2415.2	34041.	5198.5
Stddev	1.8	158.	24.2
%RSD	.07294	.46394	.46637

#1	2416.8	33867.	5172.9
#2	2413.3	34175.	5221.2
#3	2415.6	34080.	5201.3

Sample Name: 460-31657-a-1-i@5 Acquired: 10/1/2011 0:18:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	32.00	1.223	.5651	11.61	.0467	74150.
Stddev	11.33	.784	.4070	.57	.0414	743.
%RSD	35.39	64.09	72.01	4.887	88.66	1.003
#1	44.48	2.086	.3014	12.11	.0267	74920.
#2	22.37	1.030	.3601	11.73	.0191	74080.
#3	29.16	.5540	1.034	10.99	.0943	73440.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1679	-.6776	-.0223	-.9551	34.64	1929.
Stddev	.0237	.3137	.2309	1.449	11.03	74.
%RSD	14.10	46.30	1037.	151.7	31.85	3.847
#1	.1630	-.6383	.0537	-.7636	22.37	1844.
#2	.1470	-1.009	.1611	-2.490	43.75	1964.
#3	.1936	-.3854	-.2816	.3886	37.79	1980.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31657-a-1-i@5 Acquired: 10/1/2011 0:18:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6069.	759.0	F 288900.	1.653	.1923	1.256
Stddev	89.	11.7	2842.	.215	.5201	1.580
%RSD	1.462	1.537	.9838	13.01	270.4	125.8

#1	6129.	767.8	291500.	1.728	.7648	2.764
#2	6112.	763.6	289300.	1.820	.0632	1.392
#3	5967.	745.8	285800.	1.410	-.2510	-.3873

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3.686	.8776	.6777	4.203	539.9	.6266
Stddev	2.418	.4420	.2218	.124	17.7	.1162
%RSD	65.58	50.36	32.74	2.956	3.275	18.55

#1	1.666	1.151	.8204	4.242	553.8	.7171
#2	6.365	.3677	.4221	4.303	545.8	.4956
#3	3.027	1.114	.7907	4.064	520.0	.6671

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31657-a-1-i@5 Acquired: 10/1/2011 0:18:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-1.116	797.8	7.940
Stddev	.305	8.5	.579
%RSD	27.29	1.062	7.287

#1	-0.8787	806.9	7.464
#2	-1.011	796.3	7.772
#3	-1.460	790.1	8.584

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2387.8	33820.	5232.6
Stddev	18.5	102.	31.7
%RSD	.77433	.30264	.60622

#1	2367.1	33702.	5197.0
#2	2393.5	33873.	5257.7
#3	2402.7	33886.	5243.3

Sample Name: 460-31555-a-1-j@5 Acquired: 10/1/2011 0:22:02 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	178.1	.9146	.6862	95.56	.0855	32260.
Stddev	39.6	1.016	.6516	2.48	.0585	4633.
%RSD	22.26	111.1	94.96	2.597	68.45	14.36
#1	134.5	1.193	.1442	97.18	.0802	26920.
#2	187.7	1.763	1.409	96.80	.1464	35150.
#3	212.0	-.2118	.5053	92.70	.0298	34720.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9.944	1.114	1.832	4.884	3049.	1733.
Stddev	.258	.336	.120	2.867	76.	289.
%RSD	2.590	30.13	6.572	58.70	2.502	16.70
#1	9.985	.7317	1.915	1.713	2976.	1404.
#2	10.18	1.361	1.887	5.645	3128.	1846.
#3	9.668	1.248	1.694	7.294	3044.	1948.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-1-j@5 Acquired: 10/1/2011 0:22:02 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5374.	525.6	^ *****	14.41	58.98	1.443
Stddev	122.	12.5	----	.82	2.06	2.241
%RSD	2.264	2.374	----	5.692	3.493	155.3
#1	5244.	512.8	^ ----	14.86	61.30	3.605
#2	5485.	537.7	307300.	14.91	58.30	1.594
#3	5393.	526.4	305600.	13.47	57.35	-.8691

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.656	1.152	.4531	545.0	34.86	-.0581
Stddev	2.265	.697	.2491	15.5	1.02	.2076
%RSD	136.8	60.54	54.98	2.845	2.940	357.4
#1	-.3776	1.430	.7378	556.0	35.77	-.2622
#2	-.3196	1.667	.2749	551.7	35.07	-.0650
#3	-4.271	.3583	.3467	527.2	33.75	.1529

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-1-j@5 Acquired: 10/1/2011 0:22:02 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0972	143.8	4.429
Stddev	.3279	20.9	2.708
%RSD	337.3	14.55	61.15

#1	.2206	119.6	1.316
#2	.3456	156.8	5.730
#3	-.2745	154.9	6.242

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2407.6	34328.	5520.3
Stddev	3.5	502.	380.9
%RSD	.14414	1.4613	6.8993

#1	2403.7	34907.	5959.9
#2	2410.5	34016.	5311.0
#3	2408.6	34061.	5290.0

Sample Name: CCV Acquired: 10/1/2011 0:25:50 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125600.	2495.	1246.	10090.	995.9	127000.
Stddev	1187.	6.	7.	27.	8.2	854.
%RSD	.9456	.2537	.5650	.2672	.8271	.6719

#1	126900.	2488.	1254.	10080.	1005.	128000.
#2	124600.	2501.	1240.	10130.	988.8	126300.
#3	125200.	2496.	1243.	10080.	994.0	126900.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1268.	2505.	5064.	12510.	100900.	49920.
Stddev	3.	5.	37.	85.	726.	472.
%RSD	.2233	.2060	.7289	.6798	.7191	.9453

#1	1266.	2501.	5106.	12610.	101800.	50450.
#2	1271.	2511.	5047.	12440.	100500.	49550.
#3	1267.	2502.	5038.	12490.	100500.	49750.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 0:25:50 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126200.	5124.	124200.	2543.	7589.	1012.
Stddev	788.	36.	1071.	7.	14.	6.
%RSD	.6248	.7058	.8628	.2817	.1868	.6013

#1	127100.	5159.	125400.	2538.	7580.	1011.
#2	125900.	5126.	123300.	2551.	7605.	1019.
#3	125500.	5087.	123800.	2540.	7581.	1007.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2462.	2569.	2497.	2506.	1006.	2505.
Stddev	10.	9.	18.	6.	1.	7.
%RSD	.4078	.3435	.7360	.2252	.1054	.2830

#1	2451.	2568.	2518.	2503.	1005.	2504.
#2	2471.	2578.	2485.	2513.	1007.	2512.
#3	2464.	2560.	2488.	2503.	1006.	2498.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 0:25:50 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1000.	5049.	9904.
Stddev	2.	36.	96.
%RSD	.2209	.7197	.9698

#1	1002.	5089.	10010.
#2	1002.	5017.	9822.
#3	997.9	5041.	9880.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2327.5	33340.	5181.2
Stddev	5.5	215.	29.8
%RSD	.23679	.64556	.57456

#1	2331.5	33094.	5166.4
#2	2321.2	33436.	5215.5
#3	2329.7	33491.	5161.8

Sample Name: CCB Acquired: 10/1/2011 0:29:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.047	-1.775	.5415	.3685	.2460	-6.793
Stddev	9.618	2.904	.6189	.3213	.0924	15.32
%RSD	918.5	163.6	114.3	87.19	37.58	225.5

#1	-6.601	1.564	.2942	.7319	.3318	10.28
#2	10.06	-3.704	1.246	.1223	.2581	-19.33
#3	-6.599	-3.186	.0844	.2512	.1481	-11.33

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.0035	-.0936	-.1890	-2.978	-3.136	-12.04
Stddev	.0432	.4536	.3544	7.089	4.223	42.29
%RSD	1251.	484.7	187.5	238.1	134.7	351.2

#1	.0444	.3502	-.0511	-.8482	.0325	-22.56
#2	-.0396	-.5563	.0757	-10.89	-7.930	-48.08
#3	-.0151	-.0747	-.5916	2.803	-1.510	34.51

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 0:29:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.088	.1810	96.24	-.1947	-.7811	1.393
Stddev	2.621	.0693	2.20	.2683	1.793	2.007
%RSD	64.12	38.29	2.283	137.8	229.6	144.1
#1	7.095	.2087	94.39	-.2980	.6469	-.4240
#2	2.878	.2322	95.66	-.3961	-.1962	1.056
#3	2.290	.1021	98.67	.1099	-2.794	3.547

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.977	2.094	.2359	.3545	2.381	4.477
Stddev	3.558	1.150	.4202	.1647	.461	.393
%RSD	180.0	54.89	178.1	46.48	19.35	8.773
#1	3.962	1.202	.7211	.5445	2.859	4.595
#2	-2.131	1.690	-.0096	.2512	2.344	4.796
#3	4.099	3.392	-.0038	.2677	1.940	4.038

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 0:29:19 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.3174	.2336	2.869
Stddev	.2668	.1405	1.400
%RSD	84.05	60.15	48.80

#1	-.2305	.3755	2.086
#2	-.6168	.2308	2.036
#3	-.1049	.0945	4.486

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2522.4	37009.	5302.5
Stddev	7.1	116.	31.6
%RSD	.28180	.31412	.59653

#1	2529.3	37128.	5339.0
#2	2515.1	37005.	5282.7
#3	2522.9	36895.	5285.8

Sample Name: 460-31555-a-2-h@5 Acquired: 10/1/2011 0:33:14 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	181.8	1.419	.2088	89.90	.1775	38520.
Stddev	15.7	1.816	.5238	.50	.1371	18.
%RSD	8.655	127.9	250.8	.5580	77.21	.0467

#1	199.5	1.523	-.2307	89.39	.2404	38530.
#2	169.5	3.181	.7884	90.39	.0203	38500.
#3	176.4	-.4459	.0688	89.93	.2718	38530.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.61	1.089	2.463	16.41	1146.	1933.
Stddev	.06	.175	.094	5.43	10.	27.
%RSD	.5432	16.11	3.819	33.10	.8890	1.404

#1	10.55	1.243	2.395	22.32	1135.	1923.
#2	10.62	.8982	2.422	11.63	1147.	1963.
#3	10.66	1.126	2.570	15.29	1155.	1912.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-2-h@5 Acquired: 10/1/2011 0:33:14 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	6893.	413.6	F 298300.	14.11	62.42	1.221
Stddev	7.	.5	846.	.41	1.16	2.265
%RSD	.1075	.1160	.2837	2.876	1.866	185.5

#1	6895.	413.8	297700.	13.68	61.93	3.519
#2	6885.	413.0	298000.	14.49	63.75	1.153
#3	6899.	413.8	299300.	14.14	61.58	-1.009

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.882	-.1808	1.009	568.5	45.46	.5615
Stddev	.578	.3080	.132	1.7	.40	.1980
%RSD	30.71	170.3	13.07	.3057	.8768	35.26

#1	1.216	-.3355	1.099	566.5	45.49	.7280
#2	2.185	-.3808	.8576	569.7	45.05	.6140
#3	2.246	.1739	1.070	569.2	45.85	.3425

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31555-a-2-h@5 Acquired: 10/1/2011 0:33:14 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5852	165.0	6.253
Stddev	.6458	.2	1.052
%RSD	110.4	.0983	16.82

#1	.7097	165.1	5.835
#2	-.1138	165.1	7.450
#3	1.160	164.8	5.475

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2403.9	34024.	5270.9
Stddev	14.3	28.	4.9
%RSD	.59337	.08109	.09346

#1	2418.6	33992.	5270.1
#2	2402.8	34040.	5276.1
#3	2390.2	34040.	5266.4

Sample Name: 460-31582-a-1-d@5 Acquired: 10/1/2011 0:36:59 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	52.29	1.278	.6014	3.161	.1209	4928.
Stddev	13.07	1.413	.2230	.087	.0512	25.
%RSD	24.99	110.5	37.08	2.755	42.34	.5034

#1	60.86	.3357	.3677	3.184	.1780	4916.
#2	37.25	.5963	.6247	3.065	.1054	4912.
#3	58.74	2.903	.8119	3.235	.0792	4957.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0427	-.3045	9.202	-.8661	635.5	47.67
Stddev	.1332	.2525	.276	4.253	9.1	40.38
%RSD	312.2	82.91	3.004	491.1	1.432	84.70

#1	.1572	-.0810	8.918	-2.136	639.0	1.320
#2	.0744	-.5783	9.219	3.878	642.3	75.20
#3	-.1036	-.2542	9.470	-4.340	625.2	66.50

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-1-d@5 Acquired: 10/1/2011 0:36:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	139.8	7.665	234800.	2.541	.7163	-1.202
Stddev	5.6	.052	931.	.297	.5832	2.916
%RSD	3.997	.6787	.3965	11.69	81.42	242.7

#1	134.3	7.716	234000.	2.595	.5941	-3.656
#2	139.7	7.665	234600.	2.807	1.351	-1.972
#3	145.5	7.612	235800.	2.220	.2039	2.022

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2467	.2288	.3951	1203.	163.9	36.57
Stddev	1.249	.3379	.2512	4.	.4	.19
%RSD	506.5	147.7	63.57	.3644	.2689	.5225

#1	.6911	.0047	.6808	1205.	163.9	36.76
#2	-1.164	.0643	.2093	1205.	164.3	36.57
#3	1.213	.6174	.2952	1198.	163.5	36.38

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-1-d@5 Acquired: 10/1/2011 0:36:59 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	24.47	2.536	-.0887
Stddev	.56	.129	1.704
%RSD	2.281	5.067	1922.

#1	25.08	2.534	-1.697
#2	23.99	2.409	-.2669
#3	24.34	2.666	1.698

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2438.4	34787.	5320.7
Stddev	2.2	82.	25.4
%RSD	.08833	.23430	.47775

#1	2438.4	34842.	5327.1
#2	2440.6	34694.	5342.3
#3	2436.3	34827.	5292.6

Sample Name: 460-31582-a-2-c@5 Acquired: 10/1/2011 0:40:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2606.	-.1189	.7306	142.1	.3790	8008.
Stddev	24.	2.542	.9688	.8	.0655	77.
%RSD	.9105	2137.	132.6	.5503	17.28	.9636
#1	2633.	1.093	-.3732	142.3	.3088	8066.
#2	2596.	1.590	1.440	142.8	.4385	8037.
#3	2589.	-3.040	1.125	141.2	.3898	7920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	589.0	1.345	8.309	.3936	5026.	407.5
Stddev	2.7	.158	.439	3.676	51.	27.0
%RSD	.4610	11.71	5.283	933.9	1.006	6.622
#1	589.5	1.241	8.801	-.5893	5083.	377.9
#2	591.5	1.527	8.168	-2.691	5011.	413.7
#3	586.1	1.268	7.958	4.461	4985.	430.8

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-2-c@5 Acquired: 10/1/2011 0:40:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	741.1	74.27	F 250500.	14.37	9.441	2.271
Stddev	8.6	.47	1792.	.38	.865	1.131
%RSD	1.163	.6316	.7154	2.645	9.159	49.79
#1	750.6	74.63	252400.	14.12	8.539	2.966
#2	733.9	74.43	250100.	14.81	9.523	2.882
#3	738.7	73.74	248900.	14.19	10.26	.9663
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.5076	1.862	.8681	3180.	19.84	2.800
Stddev	4.361	1.925	.1252	18.	.74	.169
%RSD	859.3	103.4	14.42	.5517	3.721	6.024
#1	.2827	3.313	1.013	3185.	20.08	2.637
#2	-3.737	-.3220	.7908	3195.	20.42	2.788
#3	4.977	2.596	.8010	3161.	19.01	2.974
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31582-a-2-c@5 Acquired: 10/1/2011 0:40:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2816	20.76	.5621
Stddev	.2887	.10	1.712
%RSD	102.5	.4769	304.6

#1	.3083	20.87	.5842
#2	-.0195	20.72	-1.161
#3	.5561	20.68	2.263

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2447.4	34745.	5283.1
Stddev	3.7	138.	39.1
%RSD	.15293	.39701	.73979

#1	2451.0	34586.	5256.7
#2	2443.5	34841.	5264.5
#3	2447.9	34806.	5328.0

Sample Name: 460-31628-a-1-c@5 Acquired: 10/1/2011 0:44:34 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	313.7	1.151	1.173	75.14	.0219	141900.
Stddev	15.1	2.463	.173	.25	.0717	468.
%RSD	4.820	213.9	14.78	.3292	327.0	.3298

#1	296.7	-1.490	1.253	75.11	-.0508	142300.
#2	318.9	1.560	.9745	75.40	.0926	141900.
#3	325.5	3.384	1.293	74.91	.0240	141400.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0764	1.280	259.4	-.2836	288.6	1746.
Stddev	.0352	.144	.8	1.720	1.6	64.
%RSD	46.15	11.27	.2962	606.4	.5517	3.668

#1	.0812	1.121	259.9	-1.055	289.4	1673.
#2	.0390	1.403	259.8	-1.483	289.7	1793.
#3	.1090	1.317	258.5	1.687	286.8	1772.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-1-c@5 Acquired: 10/1/2011 0:44:34 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	36160.	81.22	F 279600.	47.43	2.868	2.002
Stddev	189.	.45	642.	.36	.586	1.719
%RSD	.5226	.5522	.2296	.7608	20.41	85.89

#1	36350.	81.73	280100.	47.06	3.520	.9474
#2	36150.	81.04	279700.	47.44	2.696	1.072
#3	35970.	80.89	278900.	47.78	2.387	3.986

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.350	2.051	7.932	3.923	19.37	-.3291
Stddev	2.551	2.327	.577	.095	.69	.1181
%RSD	189.0	113.4	7.272	2.410	3.540	35.90

#1	-2.508	4.375	8.533	4.002	19.31	-.4598
#2	1.575	-.2792	7.878	3.949	20.09	-.2301
#3	-3.116	2.058	7.383	3.818	18.72	-.2973

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-1-c@5 Acquired: 10/1/2011 0:44:34 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0918	216.1	27.50
Stddev	.0995	.6	1.73
%RSD	108.4	.2553	6.307

#1	-.1449	216.7	26.77
#2	-.1535	216.0	26.24
#3	.0230	215.6	29.48

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2362.0	33511.	5210.1
Stddev	5.4	123.	9.6
%RSD	.22801	.36558	.18508

#1	2368.1	33389.	5200.1
#2	2359.7	33634.	5211.0
#3	2358.2	33511.	5219.3

Sample Name: 460-31628-a-2-c@5 Acquired: 10/1/2011 0:48:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	105.5	-1.327	.5064	116.4	.2252	113400.
Stddev	12.6	1.617	.4291	.4	.0355	117.
%RSD	11.94	121.8	84.74	.3725	15.77	.1035

#1	119.7	-3.079	.9771	116.6	.1999	113500.
#2	101.3	.1076	.4049	116.6	.2657	113300.
#3	95.58	-1.010	.1371	115.9	.2098	113300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3301	9.935	30.67	-1.655	795.1	2255.
Stddev	.1607	.155	.60	2.971	11.3	61.
%RSD	48.67	1.555	1.950	179.5	1.425	2.696

#1	.4908	9.977	30.05	-2.930	783.4	2298.
#2	.3301	9.763	30.73	-3.775	796.0	2282.
#3	.1694	10.06	31.24	1.741	806.0	2186.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-2-c@5 Acquired: 10/1/2011 0:48:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9861.	698.9	F 271800.	51.07	11.48	.4693
Stddev	4.	1.3	596.	.24	1.30	1.128
%RSD	.0396	.1817	.2193	.4698	11.33	240.4

#1	9866.	698.4	272500.	51.10	12.70	1.584
#2	9858.	697.9	271600.	50.81	11.63	.4950
#3	9860.	700.3	271400.	51.29	10.11	-.6714

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4314	1.072	.9959	73.99	19.14	.1381
Stddev	3.996	1.328	.4138	.11	.32	.2711
%RSD	926.3	123.9	41.55	.1509	1.691	196.3

#1	-3.972	.3099	.8565	74.03	19.47	-.1686
#2	1.438	2.605	.6698	73.87	18.82	.2372
#3	3.828	.2997	1.461	74.08	19.13	.3458

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-2-c@5 Acquired: 10/1/2011 0:48:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.2063	287.3	13.73
Stddev	.3936	.4	2.35
%RSD	190.8	.1227	17.14

#1	.2958	287.7	16.19
#2	.5475	287.4	13.50
#3	-.2243	287.0	11.50

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2379.2	33714.	5249.9
Stddev	5.2	143.	12.1
%RSD	.21929	.42404	.23100

#1	2385.0	33837.	5239.3
#2	2377.8	33748.	5247.3
#3	2374.9	33557.	5263.1

Sample Name: 460-31628-a-3-c@5 Acquired: 10/1/2011 0:52:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	203.7	8.122	.3320	266.0	.2104	45810.
Stddev	12.2	.478	.9562	.2	.0567	135.
%RSD	5.988	5.881	288.0	.0923	26.93	.2949
#1	215.0	8.673	1.368	265.9	.1454	45810.
#2	205.3	7.851	-.5168	266.2	.2371	45950.
#3	190.8	7.841	.1449	265.7	.2489	45680.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1123	10.65	11.96	-1.699	20430.	2280.
Stddev	.0162	.31	.39	4.657	17.	48.
%RSD	14.42	2.921	3.219	274.1	.0843	2.126
#1	-.1039	10.33	11.53	3.658	20440.	2317.
#2	-.1021	10.95	12.26	-4.791	20440.	2299.
#3	-.1310	10.68	12.10	-3.965	20410.	2225.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-3-c@5 Acquired: 10/1/2011 0:52:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2827.	1182.	F 287900.	21.42	415.4	.2321
Stddev	10.	1.	651.	.38	2.5	2.049
%RSD	.3474	.1185	.2260	1.779	.5904	882.8
#1	2819.	1181.	287200.	21.27	417.3	-1.710
#2	2823.	1184.	288500.	21.85	416.2	.0324
#3	2838.	1182.	288100.	21.14	412.6	2.374
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.224	-.5380	.1753	1181.	26.01	1.076
Stddev	2.614	.8471	.4400	3.	.18	.137
%RSD	117.6	157.4	251.0	.2322	.7059	12.73
#1	4.851	.1627	.4792	1179.	26.02	1.138
#2	-.3767	-.2974	-.3293	1184.	26.19	.9189
#3	2.197	-1.479	.3760	1180.	25.82	1.171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-3-c@5 Acquired: 10/1/2011 0:52:06 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3474	137.1	-.0704
Stddev	.5249	.6	.7488
%RSD	151.1	.4094	1063.

#1	.7601	136.9	-.8766
#2	.5255	137.7	.6032
#3	-.2433	136.6	.0621

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2416.3	34157.	5249.2
Stddev	2.2	36.	5.5
%RSD	.09116	.10523	.10573

#1	2418.6	34171.	5255.2
#2	2415.9	34184.	5248.1
#3	2414.3	34116.	5244.3

Sample Name: 460-31628-a-4-c@5 Acquired: 10/1/2011 0:55:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	712.4	-.8017	.7827	56.74	.1576	105800.
Stddev	8.6	.6404	1.490	.05	.0672	894.
%RSD	1.201	79.87	190.4	.0892	42.63	.8449
#1	720.3	-.0788	.8265	56.78	.0856	104900.
#2	703.3	-1.298	2.250	56.75	.2185	105700.
#3	713.7	-1.029	-.7286	56.68	.1687	106700.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1366	3.667	181.8	3.100	1044.	2198.
Stddev	.1286	.077	.6	.828	10.	33.
%RSD	94.14	2.097	.3497	26.70	.9957	1.513
#1	.0578	3.666	181.4	4.014	1035.	2196.
#2	.2850	3.591	181.5	2.402	1041.	2232.
#3	.0671	3.745	182.6	2.883	1055.	2166.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-4-c@5 Acquired: 10/1/2011 0:55:49 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	34510.	66.88	F 253800.	69.19	17.36	-.8198
Stddev	48.	.18	2418.	.62	1.31	.8823
%RSD	.1404	.2652	.9527	.9013	7.560	107.6
#1	34470.	67.05	251700.	68.50	16.58	-.1691
#2	34500.	66.70	253100.	69.71	16.61	-.4663
#3	34560.	66.89	256400.	69.37	18.87	-1.824
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.6825	.6474	21.30	23.68	14.14	-.4247
Stddev	1.008	1.250	.25	.14	.54	.1584
%RSD	147.7	193.1	1.189	.5778	3.807	37.31
#1	.5811	-.6299	21.01	23.67	14.77	-.3546
#2	-.2713	1.868	21.44	23.82	13.81	-.6060
#3	1.738	.7041	21.46	23.55	13.85	-.3133
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-4-c@5 Acquired: 10/1/2011 0:55:49 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.8931	143.6	46.00
Stddev	.7545	1.3	3.52
%RSD	84.48	.9076	7.660

#1	1.521	142.5	42.06
#2	.0560	143.4	47.11
#3	1.103	145.0	48.84

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2375.9	33913.	5206.2
Stddev	7.8	122.	51.2
%RSD	.32697	.35832	.98414

#1	2384.4	34025.	5249.5
#2	2374.3	33931.	5219.3
#3	2369.1	33784.	5149.6

Sample Name: 460-31628-a-5-c@5 Acquired: 10/1/2011 0:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	203.5	.7741	.2054	111.2	.2529	21070.
Stddev	5.1	.4793	.4861	.5	.0609	163.
%RSD	2.518	61.92	236.6	.4734	24.08	.7734
#1	202.4	.2667	.3641	111.8	.2562	21250.
#2	209.1	.8363	-.3402	111.2	.3121	20930.
#3	199.0	1.219	.5923	110.7	.1905	21030.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3438	9.132	84.56	4.686	2662.	709.5
Stddev	.0350	.254	.90	2.482	15.	42.0
%RSD	10.19	2.785	1.063	52.96	.5483	5.924
#1	.3781	9.100	85.28	6.999	2679.	724.2
#2	.3454	9.402	84.84	4.993	2653.	662.1
#3	.3080	8.896	83.55	2.065	2655.	742.2

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-5-c@5 Acquired: 10/1/2011 0:59:35 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	3260.	405.1	F 270800.	35.01	75.03	2.417
Stddev	12.	.9	1206.	.70	.52	1.582
%RSD	.3578	.2125	.4454	2.005	.6995	65.45
#1	3259.	405.8	272200.	35.69	75.40	3.460
#2	3272.	405.5	270000.	35.07	74.43	3.193
#3	3248.	404.2	270200.	34.28	75.26	.5967
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.169	-.1294	.7246	109.3	16.98	-.3036
Stddev	1.725	2.318	.3450	.6	.77	.1968
%RSD	79.53	1791.	47.61	.5147	4.518	64.81
#1	.4654	1.340	.8997	109.9	17.82	-.3629
#2	2.127	1.073	.3271	109.3	16.81	-.4639
#3	3.914	-2.801	.9469	108.8	16.32	-.0840
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-5-c@5 Acquired: 10/1/2011 0:59:35 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1581	47.16	3.393
Stddev	.2164	.42	2.033
%RSD	136.8	.8866	59.92

#1	.1650	47.63	4.476
#2	.3710	46.83	1.048
#3	-.0616	47.02	4.654

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2421.0	34279.	5246.0
Stddev	1.9	106.	35.9
%RSD	.07689	.31012	.68353

#1	2421.7	34214.	5206.6
#2	2422.4	34221.	5276.8
#3	2418.9	34401.	5254.4

Sample Name: 460-31628-a-6-e@5 Acquired: 10/1/2011 1:03:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	248.1	1.747	.2441	127.7	.3340	40040.
Stddev	13.9	2.491	.3362	.4	.0806	276.
%RSD	5.587	142.6	137.7	.3272	24.13	.6903

#1	249.5	4.440	-.1316	128.0	.3835	40350.
#2	233.7	-.4758	.3469	128.0	.2410	39960.
#3	261.3	1.277	.5168	127.2	.3776	39820.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1045	23.25	49.87	-.5792	1462.	990.5
Stddev	.0750	.25	.71	4.592	14.	20.1
%RSD	71.79	1.064	1.429	792.9	.9643	2.032

#1	.1455	23.53	50.69	-1.706	1466.	984.8
#2	.1501	23.06	49.44	-4.503	1475.	973.8
#3	.0179	23.15	49.48	4.472	1447.	1013.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-6-e@5 Acquired: 10/1/2011 1:03:21 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	9361.	1018.	F 282100.	102.6	7.608	.8711
Stddev	22.	4.	1627.	.3	.543	2.770
%RSD	.2360	.4362	.5768	.2667	7.134	318.0

#1	9351.	1018.	284000.	102.6	7.796	-1.655
#2	9386.	1023.	281000.	102.9	6.997	3.833
#3	9345.	1014.	281400.	102.3	8.033	.4349

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.628	2.574	.3050	71.20	15.34	-.2778
Stddev	1.583	.986	.7440	.39	.98	.0643
%RSD	97.27	38.31	244.0	.5477	6.413	23.14

#1	2.708	3.409	-.5375	71.49	14.24	-.2504
#2	-.1897	2.827	.8720	70.76	15.64	-.2317
#3	2.365	1.486	.5804	71.36	16.14	-.3513

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-6-e@5 Acquired: 10/1/2011 1:03:21 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-7199	68.72	6.520
Stddev	.4914	.71	.593
%RSD	68.26	1.040	9.092

#1	-9418	69.55	6.851
#2	-1567	68.32	6.874
#3	-1.061	68.30	5.836

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2412.3	34146.	5253.7
Stddev	7.7	196.	43.1
%RSD	.31965	.57259	.81974

#1	2416.5	34209.	5204.8
#2	2416.9	33927.	5286.1
#3	2403.4	34303.	5270.1

Sample Name: 460-31628-a-7-c@5 Acquired: 10/1/2011 1:07:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	170.7	1.890	.0202	88.73	.2590	9398.
Stddev	6.4	.216	.7725	.40	.1397	70.
%RSD	3.778	11.43	3821.	.4500	53.93	.7395

#1	174.5	1.922	.7792	89.14	.1901	9465.
#2	163.2	2.089	-.7652	88.70	.4198	9326.
#3	174.3	1.660	.0466	88.34	.1672	9404.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0774	6.749	3.058	1.295	597.9	1230.
Stddev	.0122	.110	.513	1.341	10.8	84.
%RSD	15.81	1.629	16.79	103.5	1.812	6.799

#1	.0633	6.874	3.021	-.0938	610.3	1141.
#2	.0856	6.669	2.564	2.582	590.2	1240.
#3	.0831	6.703	3.589	1.398	593.3	1308.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-7-c@5 Acquired: 10/1/2011 1:07:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1810.	509.7	F 279600.	5.017	2.407	-1.524
Stddev	9.	2.5	858.	.114	.249	.794
%RSD	.5143	.4873	.3066	2.267	10.33	52.09

#1	1817.	512.1	280600.	5.107	2.242	-2.017
#2	1814.	509.8	279000.	4.889	2.693	-1.945
#3	1799.	507.1	279300.	5.054	2.287	-.6081

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2.905	.9596	.7056	46.79	28.44	-.1609
Stddev	.344	2.178	.4496	.47	.82	.2273
%RSD	11.85	227.0	63.72	1.011	2.868	141.2

#1	3.274	.0173	.2550	47.27	28.56	.0930
#2	2.593	3.450	.7077	46.78	29.18	-.2307
#3	2.848	-.5888	1.154	46.33	27.56	-.3452

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31628-a-7-c@5 Acquired: 10/1/2011 1:07:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1781	46.77	1.504
Stddev	1.246	.43	1.337
%RSD	699.3	.9132	88.92

#1	-.0428	47.18	-.0296
#2	1.520	46.32	2.427
#3	-.9424	46.81	2.113

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2416.2	34223.	5254.7
Stddev	6.4	11.	11.4
%RSD	.26604	.03299	.21748

#1	2420.9	34235.	5241.5
#2	2418.8	34214.	5260.7
#3	2408.9	34218.	5261.8

Sample Name: CCV Acquired: 10/1/2011 1:10:56 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	126300.	2492.	1241.	10090.	998.5	127500.
Stddev	777.	4.	1.	8.	4.8	503.
%RSD	.6156	.1575	.1202	.0758	.4837	.3948

#1	127200.	2487.	1242.	10080.	1004.	128000.
#2	125900.	2494.	1239.	10100.	994.4	127100.
#3	125800.	2494.	1241.	10080.	997.2	127300.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1267.	2503.	5038.	12540.	100400.	50120.
Stddev	1.	5.	19.	47.	386.	225.
%RSD	.1077	.2037	.3723	.3718	.3845	.4498

#1	1266.	2505.	5059.	12600.	100800.	50360.
#2	1268.	2506.	5024.	12510.	100100.	50070.
#3	1266.	2497.	5030.	12520.	100200.	49920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:10:56 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125600.	5094.	125100.	2537.	7574.	1010.
Stddev	393.	10.	615.	3.	13.	5.
%RSD	.3126	.1918	.4918	.1286	.1653	.5039

#1	125900.	5105.	125800.	2539.	7575.	1016.
#2	125200.	5086.	124800.	2539.	7586.	1008.
#3	125700.	5092.	124700.	2533.	7561.	1006.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2452.	2552.	2487.	2507.	1006.	2504.
Stddev	3.	13.	10.	4.	1.	7.
%RSD	.1121	.5044	.4006	.1526	.1279	.2820

#1	2453.	2560.	2498.	2508.	1006.	2507.
#2	2449.	2558.	2479.	2510.	1008.	2509.
#3	2454.	2537.	2485.	2502.	1005.	2496.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:10:56 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	998.0	5060.	9953.
Stddev	2.4	21.	41.
%RSD	.2387	.4222	.4111

#1	999.9	5084.	10000.
#2	998.7	5042.	9934.
#3	995.3	5054.	9926.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2330.4	33551.	5161.0
Stddev	4.8	60.	32.3
%RSD	.20444	.17859	.62544

#1	2335.6	33546.	5124.1
#2	2329.5	33614.	5183.7
#3	2326.2	33494.	5175.4

Sample Name: CCB Acquired: 10/1/2011 1:14:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.38	-2.097	.2147	.3841	.0294	-3.854
Stddev	7.73	1.772	1.050	.1783	.1210	8.625
%RSD	74.47	84.53	489.3	46.42	411.0	223.8

#1	6.255	-3.925	1.381	.5717	.0937	5.930
#2	5.591	-1.979	-.0805	.3636	-.1101	-10.36
#3	19.30	-.3858	-.6563	.2169	.1048	-7.133

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0311	-.2198	-.3103	2.232	-2.501	-28.42
Stddev	.0552	.1046	.2641	1.193	4.156	11.13
%RSD	177.4	47.58	85.11	53.48	166.1	39.18

#1	.0546	-.1327	-.0073	3.177	2.041	-41.15
#2	.0707	-.1909	-.4914	2.627	-6.113	-23.62
#3	-.0320	-.3357	-.4321	.8905	-3.431	-20.49

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:14:25 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2022	.1933	97.82	-.3082	-1.604	2.819
Stddev	1.887	.1842	21.55	.1347	.835	.535
%RSD	933.5	95.31	22.03	43.72	52.03	18.98
#1	2.128	.3839	95.77	-.3536	-.6528	2.538
#2	.1229	.1797	120.3	-.4144	-2.213	3.436
#3	-1.644	.0162	77.37	-.1566	-1.947	2.482

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7400	.6841	-.2742	.3131	1.505	4.616
Stddev	2.267	1.460	.2721	.1726	.612	.473
%RSD	306.3	213.4	99.25	55.14	40.68	10.25
#1	3.036	1.839	-.5750	.1337	2.196	5.071
#2	-1.496	1.169	-.0451	.4781	1.031	4.650
#3	.6801	-.9565	-.2025	.3273	1.288	4.126

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:14:25 Type: QC
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.0617	.1580	1.619
Stddev	.8713	.1415	2.347
%RSD	1411.	89.58	145.0

#1	-.4108	.3173	-.8848
#2	-.4712	.1098	1.972
#3	1.067	.0468	3.769

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2517.7	36988.	5257.9
Stddev	5.8	81.	26.4
%RSD	.22869	.21953	.50179

#1	2511.2	36966.	5228.9
#2	2522.3	37078.	5280.4
#3	2519.6	36920.	5264.5

Sample Name: 460-31647-a-1-d@5 Acquired: 10/1/2011 1:18:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	116.1	.8470	.1437	68.06	-.0807	68060.
Stddev	9.4	.9393	.0986	.13	.0383	191.
%RSD	8.056	110.9	68.63	.1956	47.51	.2803

#1	105.3	1.682	.2479	68.07	-.1227	68260.
#2	121.1	-.1698	.1312	68.18	-.0477	68060.
#3	121.8	1.029	.0519	67.92	-.0717	67880.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.4061	.3502	.8980	-3.674	103.5	566.7
Stddev	.1796	.1049	.3458	1.623	10.3	12.4
%RSD	44.22	29.95	38.51	44.18	9.962	2.195

#1	.2640	.3159	.5913	-1.859	103.3	579.5
#2	.3464	.2667	1.273	-4.987	114.0	565.7
#3	.6079	.4679	.8299	-4.176	93.37	554.7

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-1-d@5 Acquired: 10/1/2011 1:18:19 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2405.	2282.	F 265500.	10.58	-.1914	.6579
Stddev	2.	1.	231.	.07	2.324	2.579
%RSD	.0651	.0265	.0869	.7079	1214.	392.0

#1	2407.	2282.	265700.	10.49	2.302	-2.278
#2	2404.	2283.	265500.	10.63	-.5796	2.557
#3	2404.	2281.	265200.	10.61	-2.296	1.694

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.557	.6486	.9429	116.7	195.1	.4403
Stddev	2.381	2.833	.4538	.2	.4	.3357
%RSD	152.9	436.8	48.12	.2115	.2193	76.26

#1	-.8921	-2.114	1.273	116.7	195.1	.4637
#2	1.699	3.547	1.130	117.0	195.6	.0934
#3	3.863	.5125	.4255	116.5	194.7	.7637

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-1-d@5 Acquired: 10/1/2011 1:18:19 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.5429	114.5	8.625
Stddev	.7858	.2	3.142
%RSD	144.7	.1955	36.42

#1	-.3368	114.7	10.32
#2	.7903	114.6	5.000
#3	1.175	114.3	10.56

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2391.4	33999.	5222.8
Stddev	7.6	67.	8.7
%RSD	.31904	.19765	.16718

#1	2398.4	34076.	5213.4
#2	2392.6	33948.	5230.6
#3	2383.3	33975.	5224.4

Sample Name: 460-31647-a-2-d@5 Acquired: 10/1/2011 1:22:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	206.3	.2711	-.0452	93.84	.1177	55120.
Stddev	5.8	.3312	.9562	.52	.0912	440.
%RSD	2.833	122.2	2114.	.5554	77.51	.7973

#1	199.8	.0716	.5982	93.99	.0707	55560.
#2	208.3	.0883	.4101	94.27	.2229	55120.
#3	211.0	.6533	-1.144	93.26	.0596	54680.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.2229	-.3466	.5555	.0686	232.1	634.1
Stddev	.0274	.1678	.3185	1.988	4.0	81.3
%RSD	12.31	48.41	57.33	2899.	1.732	12.83

#1	.2523	-.1546	.8605	.9991	235.5	672.6
#2	.1980	-.4197	.5810	-2.214	227.7	540.6
#3	.2182	-.4653	.2251	1.421	233.3	689.0

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-2-d@5 Acquired: 10/1/2011 1:22:05 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1993.	2234.	237200.	9.052	-.8904	.6231
Stddev	3.	7.	1584.	.222	.2092	.6848
%RSD	.1509	.3115	.6679	2.454	23.50	109.9

#1	1994.	2242.	239000.	8.874	-1.123	-.1614
#2	1995.	2232.	236400.	9.301	-.7181	.9291
#3	1989.	2229.	236200.	8.982	-.8298	1.102

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1.233	-.3591	.8058	120.3	57.72	-.1580
Stddev	1.141	2.454	.4059	.9	.52	.2054
%RSD	92.53	683.3	50.38	.7458	.9084	130.0

#1	.9893	-.2910	.4142	121.0	58.07	-.3434
#2	.2338	-2.846	.7785	120.7	57.96	-.1933
#3	2.477	2.060	1.225	119.3	57.11	.0628

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31647-a-2-d@5 Acquired: 10/1/2011 1:22:05 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.3050	181.0	10.67
Stddev	.7486	1.2	1.37
%RSD	245.4	.6392	12.80

#1	1.041	182.0	9.670
#2	-.4552	181.1	10.11
#3	.3288	179.7	12.23

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2405.4	34093.	5177.9
Stddev	6.0	57.	43.5
%RSD	.25016	.16617	.83929

#1	2411.1	34040.	5127.9
#2	2405.8	34086.	5199.6
#3	2399.1	34153.	5206.3

Sample Name: 460-31649-a-1-d@5 Acquired: 10/1/2011 1:25:52 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	105.4	-1.424	.0315	26.61	-.0588	4535.
Stddev	17.4	2.039	.3109	.18	.1097	22.
%RSD	16.46	143.2	988.4	.6832	186.6	.4784

#1	124.6	-2.740	.1230	26.40	-.1778	4535.
#2	100.9	.9246	-.3150	26.73	.0383	4556.
#3	90.80	-2.458	.2863	26.70	-.0368	4513.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0474	-.3284	-.4243	-2.464	194.5	511.7
Stddev	.0271	.0189	.4824	3.267	1.9	60.8
%RSD	57.16	5.760	113.7	132.6	.9980	11.89

#1	.0547	-.3427	.0726	1.156	192.4	466.8
#2	.0174	-.3356	-.4548	-3.355	196.3	580.9
#3	.0702	-.3069	-.8908	-5.194	194.8	487.3

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31649-a-1-d@5 Acquired: 10/1/2011 1:25:52 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	677.0	53.42	246700.	4.640	-.4748	-.8197
Stddev	4.9	.03	718.	.238	1.029	.4212
%RSD	.7182	.0604	.2910	5.123	216.7	51.39

#1	674.8	53.43	245900.	4.512	.4719	-.6557
#2	682.6	53.45	246800.	4.915	-.3265	-.5051
#3	673.7	53.39	247300.	4.495	-1.570	-1.298

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.1110	2.333	.1873	25.99	35.55	.0887
Stddev	1.189	.927	.2292	.27	1.04	.1059
%RSD	1071.	39.75	122.4	1.034	2.937	119.4

#1	.5586	1.290	.3586	25.71	36.76	.1592
#2	.5919	3.066	.2764	26.03	34.96	-.0331
#3	-1.484	2.642	-.0731	26.24	34.94	.1399

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: 460-31649-a-1-d@5 Acquired: 10/1/2011 1:25:52 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.4593	49.13	1.971
Stddev	.8906	.28	1.353
%RSD	193.9	.5692	68.65

#1	.1336	49.05	1.442
#2	-1.483	48.89	3.508
#3	-.0282	49.44	.9623

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2412.0	34272.	5168.6
Stddev	1.7	58.	14.1
%RSD	.07159	.17023	.27328

#1	2412.2	34246.	5182.8
#2	2410.2	34339.	5154.5
#3	2413.6	34231.	5168.5

Sample Name: lb 460-87338/1-d@5 Acquired: 10/1/2011 1:29:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.34	.0630	.1626	.9339	.0077	.6905
Stddev	4.95	1.340	.8095	.1552	.1414	3.955
%RSD	37.13	2128.	497.8	16.62	1842.	572.8

#1	7.680	-1.360	1.002	.9499	.1527	5.179
#2	16.89	.2497	.0998	.7713	.0002	-.8220
#3	15.45	1.300	-.6137	1.080	-.1298	-2.285

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0286	-.5541	-.1136	.3630	-5.534	-27.74
Stddev	.0766	.2288	.3751	1.033	3.371	50.37
%RSD	267.5	41.30	330.1	284.7	60.92	181.5

#1	.0570	-.3647	.0118	-.4676	-4.705	5.449
#2	.0870	-.4892	.1827	1.520	-9.242	-2.985
#3	-.0581	-.8084	-.5354	.0364	-2.654	-85.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87338/1-d@5 Acquired: 10/1/2011 1:29:42 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.520	.1138	F 259200.	1.797	-.6376	-1.996
Stddev	3.638	.0476	223.	.307	1.646	1.058
%RSD	239.3	41.88	.0861	17.09	258.1	53.03

#1	-3.601	.1688	259200.	2.137	-1.727	-2.584
#2	-3.639	.0856	259000.	1.539	1.256	-.7740
#3	2.680	.0870	259500.	1.716	-1.441	-2.629

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.5696	.6272	.3616	1.690	1.983	.0833
Stddev	.9428	1.936	.4417	.149	.443	.0785
%RSD	165.5	308.7	122.2	8.837	22.34	94.18

#1	.5179	-1.607	.5645	1.626	2.289	.1200
#2	-1.071	1.817	-.1451	1.583	2.185	-.0068
#3	-1.155	1.671	.6654	1.861	1.475	.1368

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87338/1-d@5 Acquired: 10/1/2011 1:29:42 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.0556	.1473	-.9482
Stddev	1.036	.1279	1.269
%RSD	1863.	86.80	133.9

#1	.8386	.0982	-1.379
#2	-1.192	.2925	.4805
#3	.1860	.0513	-1.946

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2408.9	34237.	5218.4
Stddev	10.9	144.	25.6
%RSD	.45140	.42085	.49035

#1	2419.2	34283.	5221.7
#2	2409.9	34353.	5242.2
#3	2397.5	34076.	5191.3

Sample Name: lb 460-87465/1-h@5 Acquired: 10/1/2011 1:33:33 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.88	-.7669	.9854	1.128	.1776	16.65
Stddev	11.60	3.961	.5737	.150	.0650	5.63
%RSD	106.7	516.5	58.21	13.27	36.63	33.79
#1	23.04	3.531	1.645	.9549	.1691	15.90
#2	9.643	-4.269	.7072	1.215	.1172	22.61
#3	-.0596	-1.563	.6039	1.214	.2464	11.43

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0784	-.3906	.1295	1.321	1.884	-22.21
Stddev	.0730	.2235	.4353	2.338	3.869	78.86
%RSD	93.02	57.22	336.1	176.9	205.3	355.0
#1	.0474	-.4449	-.3406	-.2173	6.326	-85.57
#2	.1618	-.1449	.5188	4.012	-.7449	66.11
#3	.0261	-.5819	.2103	.1696	.0707	-47.18

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87465/1-h@5 Acquired: 10/1/2011 1:33:33 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	4.904	.4383	F 253300.	1.682	-.2380	-1.210
Stddev	1.127	.0196	749.	.327	.9288	.641
%RSD	22.99	4.467	.2956	19.46	390.3	52.93

#1	4.597	.4306	254100.	1.496	.0782	-1.941
#2	6.153	.4237	253100.	2.059	-1.284	-.9456
#3	3.962	.4605	252600.	1.489	.4915	-.7446

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.7605	4.607	.1245	1.608	1.509	.1262
Stddev	.6461	1.627	.1689	.034	.704	.2168
%RSD	84.96	35.31	135.7	2.137	46.67	171.8

#1	.2723	4.699	.1804	1.598	1.235	.1673
#2	.5161	6.186	.2582	1.580	.9831	.3195
#3	1.493	2.937	-.0653	1.646	2.309	-.1082

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87465/1-h@5 Acquired: 10/1/2011 1:33:33 Type: Unk
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1387	.0693	-1.365
Stddev	.5052	.0348	.952
%RSD	364.2	50.19	69.70

#1	.0933	.0944	-.4806
#2	.6652	.0296	-1.243
#3	-.3422	.0838	-2.372

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2411.4	34249.	5219.9
Stddev	6.0	169.	15.3
%RSD	.24797	.49305	.29306

#1	2414.0	34436.	5204.1
#2	2415.6	34109.	5221.1
#3	2404.6	34201.	5234.6

Sample Name: lb 460-87607/1-g@5 Acquired: 10/1/2011 1:37:26 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	14.85	.0884	.8850	1.424	.1458	34.78
Stddev	4.52	.7324	.9648	.101	.0385	27.93
%RSD	30.46	828.1	109.0	7.060	26.38	80.31

#1	12.43	.1220	1.980	1.330	.1773	7.558
#2	12.04	-.6602	.1603	1.530	.1571	63.37
#3	20.06	.8035	.5146	1.412	.1029	33.41

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1078	-.5981	2.052	-2.595	-1.564	33.99
Stddev	.1223	.1186	.449	4.236	16.43	24.42
%RSD	113.5	19.83	21.89	163.2	1050.	71.83

#1	.1047	-.4878	2.271	-6.340	15.83	49.44
#2	.2316	-.7236	2.351	2.002	-16.82	5.842
#3	-.0130	-.5830	1.536	-3.449	-3.699	46.70

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87607/1-g@5 Acquired: 10/1/2011 1:37:26 Type: Unk

Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000

User: admin Custom ID1: Custom ID2: Custom ID3:

Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	13.51	.7830	F 308200.	1.300	-.4266	-1.157
Stddev	2.26	.0365	2750.	.104	.9005	1.828
%RSD	16.74	4.660	.8922	7.977	211.1	158.0

#1	11.10	.7985	311300.	1.192	.1848	.7010
#2	15.59	.7413	306000.	1.398	-.0039	-2.953
#3	13.84	.8092	307200.	1.311	-1.461	-1.219

Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
High Limit			250000.			
Low Limit			-5000.			

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.4140	-1.766	.4287	1.839	3.154	-.0569
Stddev	2.668	.994	.3675	.194	.239	.1619
%RSD	644.5	56.29	85.72	10.57	7.595	284.6

#1	-2.292	-2.798	.0348	1.727	2.880	-.2422
#2	2.640	-1.684	.4889	2.063	3.327	.0153
#3	-1.590	-.8155	.7625	1.726	3.254	.0564

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: lb 460-87607/1-g@5 Acquired: 10/1/2011 1:37:26 Type: Unk
 Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
 User: admin Custom ID1: Custom ID2: Custom ID3:
 Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	-.1954	.1193	-.8015
Stddev	.3736	.0977	1.205
%RSD	191.2	81.90	150.4

#1	-.4738	.0244	-1.101
#2	-.3417	.2196	-1.829
#3	.2292	.1140	.5254

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2406.9	34170.	5183.2
Stddev	4.4	127.	26.7
%RSD	.18133	.37199	.51516

#1	2403.2	34112.	5152.4
#2	2411.7	34081.	5197.5
#3	2405.7	34315.	5199.7

Sample Name: CCV Acquired: 10/1/2011 1:41:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	127300.	2502.	1242.	10110.	1004.	127900.
Stddev	67.	4.	2.	11.	3.	384.
%RSD	.0524	.1506	.1807	.1132	.3028	.3004

#1	127400.	2506.	1244.	10100.	1007.	128400.
#2	127200.	2500.	1240.	10130.	1003.	127800.
#3	127300.	2500.	1243.	10110.	1001.	127600.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1270.	2511.	5040.	12620.	100400.	50750.
Stddev	1.	3.	11.	33.	241.	147.
%RSD	.1025	.1380	.2203	.2619	.2397	.2900

#1	1269.	2508.	5051.	12660.	100600.	50660.
#2	1272.	2514.	5029.	12620.	100100.	50670.
#3	1271.	2512.	5041.	12590.	100400.	50920.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:41:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	125800.	5107.	126300.	2545.	7604.	1012.
Stddev	185.	4.	211.	4.	3.	2.
%RSD	.1470	.0854	.1667	.1403	.0398	.1630

#1	126000.	5112.	126300.	2541.	7601.	1014.
#2	125700.	5104.	126100.	2546.	7607.	1011.
#3	125800.	5105.	126600.	2548.	7603.	1010.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Elem	Se1960	Ti1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2472.	2548.	2489.	2517.	1011.	2513.
Stddev	5.	5.	7.	3.	2.	3.
%RSD	.1917	.1965	.2924	.1102	.2409	.1387

#1	2477.	2553.	2494.	2514.	1008.	2511.
#2	2469.	2548.	2480.	2519.	1012.	2517.
#3	2469.	2543.	2492.	2517.	1013.	2510.

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value						
Range						

Sample Name: CCV Acquired: 10/1/2011 1:41:19 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	1003.	5083.	10040.
Stddev	3.	18.	19.
%RSD	.2769	.3622	.1937

#1	1001.	5102.	10060.
#2	1006.	5080.	10040.
#3	1003.	5065.	10020.

Check ?	Chk Pass	Chk Pass	Chk Pass
Value			
Range			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2331.7	33656.	5147.6
Stddev	3.6	23.	5.5
%RSD	.15454	.06702	.10699

#1	2335.7	33633.	5146.4
#2	2330.5	33677.	5153.6
#3	2328.8	33659.	5142.8

Sample Name: CCB Acquired: 10/1/2011 1:44:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Al3961	As1890	Ag3280	Ba2335	Be3130	Ca4226
Line	396.152 { 85}	189.042 {478}	328.068 {103}	233.527 {445}	313.042 {108}	422.673 { 80}
IS Ref	(Y_3710)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	10.64	.2777	.2874	.3147	.0140	-6.087
Stddev	10.71	2.024	.2300	.0555	.0822	18.85
%RSD	100.7	728.7	80.02	17.64	588.2	309.7

#1	16.67	-.1229	.3742	.3441	.0010	4.877
#2	-1.725	-1.516	.4614	.3493	-.0610	4.717
#3	16.97	2.472	.0267	.2507	.1019	-27.85

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Cd2265	Co2286	Cr2677	Cu3247	Fe2714	K_7664
Line	226.502 {449}	228.616 {447}	267.716 {126}	324.754 {104}	271.441 {124}	766.490 { 44}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_3710)	(Y_3600)	(Y_3710)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.0229	.1158	-.9181	-2.254	-4.311	-21.02
Stddev	.0385	.2467	.2836	.767	9.896	87.53
%RSD	168.5	213.1	30.89	34.04	229.5	416.4

#1	.0641	-.1232	-.7236	-3.083	2.762	43.76
#2	.0169	.3696	-.7872	-2.109	-15.62	-120.6
#3	-.0123	.1010	-1.243	-1.570	-.0756	13.78

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:44:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Mg2790	Mn2576	Na5895	Ni2316	Pb2203	Sb2068
Line	279.079 {121}	257.610 {131}	589.592 { 57}	231.604 {446}	220.353 {453}	206.833 {463}
IS Ref	(Y_3600)	(Y_3600)	(Y_3710)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.4864	.0872	88.75	-1.1836	-1.164	3.359
Stddev	2.803	.0741	26.94	.3949	.636	.626
%RSD	576.2	84.98	30.36	215.1	54.65	18.63

#1	.7133	.1702	77.82	.0687	-1.376	2.642
#2	1.517	.0642	68.99	-.6388	-.4492	3.639
#3	-3.689	.0274	119.4	.0191	-1.668	3.796

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Elem	Se1960	Tl1908	V_2924	Zn2062	B_2089	Mo2020
Line	196.090 {472}	190.856 {477}	292.402 {115}	206.200 {463}	208.959 {461}	202.030 {467}
IS Ref	(Y_2243)	(Y_2243)	(Y_3600)	(Y_2243)	(Y_2243)	(Y_2243)
Units	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-1.248	2.195	.0274	.3884	1.586	4.532
Stddev	2.788	1.161	.3520	.0526	.381	.608
%RSD	223.4	52.89	1286.	13.54	24.01	13.42

#1	1.963	1.192	.1004	.4038	1.936	4.513
#2	-3.057	3.466	.3371	.4316	1.641	5.150
#3	-2.649	1.926	-.3554	.3299	1.181	3.934

Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit						
Low Limit						

Sample Name: CCB Acquired: 10/1/2011 1:44:48 Type: QC
Method: SW84609192011(v11) Mode: CONC Corr. Factor: 1.000000
User: admin Custom ID1: Custom ID2: Custom ID3:
Comment:

Elem	Sn1899	Sr4077	Ti3349
Line	189.989 {477}	407.771 { 83}	334.941 {101}
IS Ref	(Y_2243)	(Y_3710)	(Y_3710)
Units	ppb	ppb	ppb
Avg	.1778	.2011	1.535
Stddev	.5741	.0923	2.542
%RSD	322.9	45.88	165.6

#1	-.0939	.2386	-1.268
#2	-.2100	.2687	2.183
#3	.8373	.0960	3.690

Check ?	Chk Pass	Chk Pass	Chk Pass
High Limit			
Low Limit			

Int. Std.	Y_2243	Y_3600	Y_3710
Line	224.306 {450}	360.073 { 94}	371.030 { 91}
Units	Cts/S	Cts/S	Cts/S
Avg	2520.7	36797.	5184.7
Stddev	3.0	63.	20.6
%RSD	.11878	.17228	.39818

#1	2519.7	36806.	5165.8
#2	2518.3	36856.	5206.7
#3	2524.1	36730.	5181.6

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 7		20:34:06	27 Sep 11	HG	
Hg	.000	ppb	-78						=
*** Standard: 2 Rep: 1				Seq: 8		20:36:03	27 Sep 11	HG	
Hg	.100	ppb	458						=
*** Standard: 3 Rep: 1				Seq: 9		20:37:57	27 Sep 11	HG	
Hg	1.00	ppb	2846						=
*** Standard: 4 Rep: 1				Seq: 10		20:40:16	27 Sep 11	HG	
Hg	2.00	ppb	5796						=
*** Standard: 5 Rep: 1				Seq: 11		20:43:24	27 Sep 11	HG	
Hg	5.00	ppb	14373						=
*** Standard: 6 Rep: 1				Seq: 12		20:45:09	27 Sep 11	HG	
Hg	10.0	ppb	28355						=
*** Check Standard: 3 Ck3AICV				Seq: 13		20:47:05	27 Sep 11	HG	
Line Flag %Rcv. Found True Units SD/RSD									=
Hg		101.	5.07	5.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 14		20:49:08	27 Sep 11	HG	
Line Flag Found Range(+/-) Units SD/RSD									=
Hg		.096	.200	ppb		.000			=
*** Sample ID:				Seq: 15		20:50:51	27 Sep 11	HG	
			mb 460-87472/10-a						=
Hg	.188	ppb	.000	.188					=
*** Sample ID: lcssrm 460				Seq: 16		20:52:34	27 Sep 11	HG	
			-87472/11-a@10						=
Hg	4.90	ppb	.000	4.90					=
*** Sample ID:				Seq: 17		20:54:28	27 Sep 11	HG	
			460-31465-f-1-d						=
Hg	1.75	ppb	.000	1.75					=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 18		20:56:13	27 Sep 11	HG	
			460-31465-f-1-e du						=
Hg	1.87	ppb	.000	1.87					=
*** Sample ID:				Seq: 19		20:58:08	27 Sep 11	HG	
			460-31465-f-1-f ms						=

*** Sample ID: Seq: 34 21:30:22 27 Sep 11 HG
 460-31636-a-5-a
 Hg 2.08 ppb .000 2.08
 *** Sample ID: Seq: 35 21:33:05 27 Sep 11 HG
 460-31636-a-6-a
 Hg 2.32 ppb .000 2.32
 *** Sample ID: Seq: 36 21:35:00 27 Sep 11 HG
 460-31455-b-6-a
 Hg 1.29 ppb .000 1.29
 *** Check Standard: 2 Ck2ACCV Seq: 37 21:36:44 27 Sep 11 HG
 Line Flag %Rcv. Found True Units SD/RSD
 Hg 105. 5.27 5.00 ppb .000
 *** Check Standard: 1 Ck1ICB/CCB Seq: 38 21:38:47 27 Sep 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg .105 .200 ppb .000
 *** Sample ID: Seq: 39 21:40:31 27 Sep 11 HG
 460-31455-a-7-d
 Hg 1.06 ppb .000 1.06
 *** Sample ID: Seq: 40 21:42:15 27 Sep 11 HG
 460-31455-c-8-a
 Hg 1.44 ppb .000 1.44
 *** Sample ID: Seq: 41 21:44:20 27 Sep 11 HG
 460-31455-a-9-c
 Hg .631 ppb .000 .631

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 POST-RUN REPORT

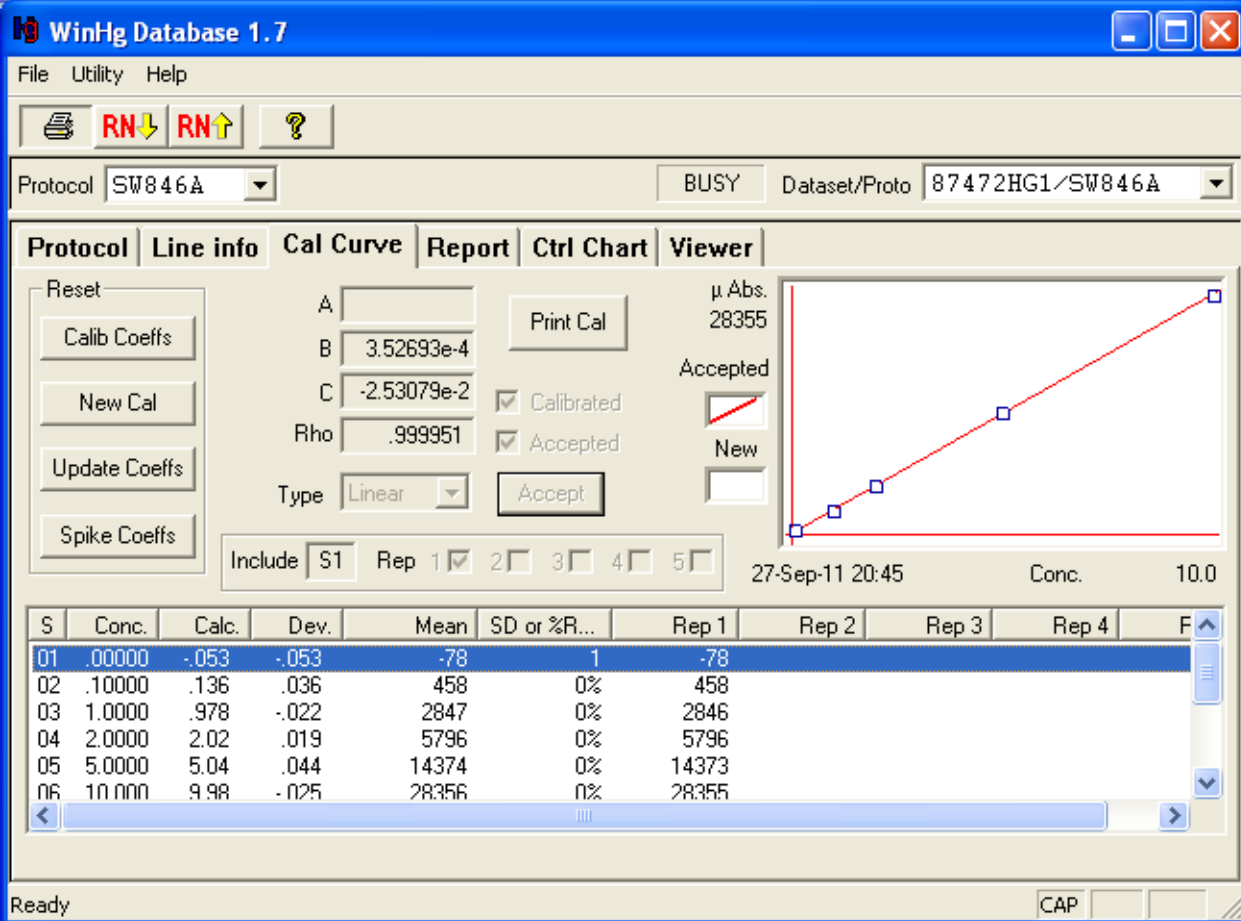
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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 42								
460-31552-d-4-a								
Hg .329	ppb	.000	.329					
*** Sample ID:								
Seq: 43								
460-31552-d-5-h								
Hg .079	ppb	.000	.079					
*** Sample ID:								
Seq: 44								
SD 460-31465-f-1-d@5								
Hg .380	ppb	.000	.380					
*** Check Standard: 2 Ck2ACCV								
Seq: 45								
21:53:06 27 Sep 11 HG								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 104. 5.20 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Seq: 46								
21:55:15 27 Sep 11 HG								
Line Flag Found Range(+/-) Units SD/RSD								
Hg -.028 .200 ppb .000								
*** Sample ID:								
Seq: 47								
21:57:40 27 Sep 11 HG								
mb 460-87473/10-a								
Hg .013	ppb	.000	.013					


```

Hg      .061      ppb      .000      .061
*** Sample ID:                      Seq: 63      22:30:06 27 Sep 11      HG      =
                                     SD 460-31413-b-2-a@5
Hg      .125      ppb      .000      .125
*** Sample ID:                      Seq: 64      22:31:56 27 Sep 11      HG      =
                                     SD 460-31413-b-2-a@5
Hg      -.012      ppb      .000      -.012
                                     =
                                     Folder: 87472HG1      Page 7461
                                     Protocol: SW846A
                                     ***POST-RUN REPORT***
Line    Conc.    Units    SD/RSD    1      2      3      4      5
-----
*** Check Standard: 2 Ck2ACCV      Seq: 65      22:33:41 27 Sep 11      HG
Line Flag %Rcv.   Found   True   Units   SD/RSD
Hg      99.9    4.99    5.00    ppb      .000
*** Check Standard: 1 Ck1ICB/CCB      Seq: 66      22:35:35 27 Sep 11      HG
Line Flag Found Range(+/-) Units   SD/RSD
Hg      .048    .200      ppb      .000

```



Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Standard: 1 Rep: 1				Seq: 7		20:34:06	27 Sep 11	HG
Hg	.000	ppb	-78					
*** Standard: 2 Rep: 1				Seq: 8		20:36:03	27 Sep 11	HG
Hg	.100	ppb	458					
*** Standard: 3 Rep: 1				Seq: 9		20:37:57	27 Sep 11	HG
Hg	1.00	ppb	2846					
*** Standard: 4 Rep: 1				Seq: 10		20:40:16	27 Sep 11	HG
Hg	2.00	ppb	5796					
*** Standard: 5 Rep: 1				Seq: 11		20:43:24	27 Sep 11	HG
Hg	5.00	ppb	14373					
*** Standard: 6 Rep: 1				Seq: 12		20:45:09	27 Sep 11	HG
Hg	10.0	ppb	28355					
*** Check Standard: 3			Ck3AICV	Seq: 13		20:47:05	27 Sep 11	HG
Line Flag			Intensities					
Hg			14443					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 14		20:49:08	27 Sep 11	HG
Line Flag			Intensities					
Hg			345					
*** Sample ID:				Seq: 15		20:50:51	27 Sep 11	HG
				mb 460-87472/10-a				
Hg	.188	ppb	606					

*** Sample ID: lcssrm 460				Seq: 16		20:52:34	27 Sep 11	HG
				-87472/11-a@10				
Hg	4.90	ppb	13964					

*** Sample ID:				Seq: 17		20:54:28	27 Sep 11	HG
				460-31465-f-1-d				
Hg	1.75	ppb	5046					

Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:				Seq: 18		20:56:13	27 Sep 11	HG
				460-31465-f-1-e du				
Hg	1.87	ppb	5371					
*** Sample ID:				Seq: 19		20:58:08	27 Sep 11	HG
				460-31465-f-1-f ms				

Hg	3.13	ppb	8956							=
*** Sample ID:				Seq: 20	21:00:22	27 Sep 11	HG			
				460-31514-c-1-d						
Hg	.109	ppb	381							=
*** Sample ID:				Seq: 21	21:03:19	27 Sep 11	HG			
				mb 460-87472/10-a						
Hg	.076	ppb	288							=
*** Sample ID:				Seq: 22	21:05:54	27 Sep 11	HG			
				460-31514-d-2-d						
Hg	.117	ppb	404							=
*** Sample ID:				Seq: 23	21:08:08	27 Sep 11	HG			
				460-31548-d-1-a						
Hg	.217	ppb	688							=
*** Sample ID:				Seq: 24	21:10:13	27 Sep 11	HG			
				460-31548-d-2-a						
Hg	.176	ppb	572							=
*** Check Standard: 2				Seq: 25	21:12:14	27 Sep 11	HG			
Line Flag				Ck2ACCV Intensities						
Hg				14506						=
*** Check Standard: 1				Seq: 26	21:13:59	27 Sep 11	HG			
Line Flag				Ck1ICB/CCB Intensities						
Hg				-164						=
*** Sample ID:				Seq: 27	21:16:18	27 Sep 11	HG			
				460-31469-d-11-a						
Hg	.173	ppb	562							=
*** Sample ID:				Seq: 28	21:18:03	27 Sep 11	HG			
				460-31627-a-1-a						
Hg	.224	ppb	708							=
*** Sample ID:				Seq: 29	21:20:12	27 Sep 11	HG			
				460-31634-a-1-a						
Hg	.187	ppb	602							=

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Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 30	21:22:36	27 Sep 11	HG		
				460-31636-a-1-a					
Hg	1.59	ppb	4584						=
*** Sample ID:				Seq: 31	21:24:21	27 Sep 11	HG		
				460-31636-a-2-a					
Hg	1.39	ppb	4026						=
*** Sample ID:				Seq: 32	21:26:17	27 Sep 11	HG		
				460-31636-a-3-a					
Hg	1.08	ppb	3136						=
*** Sample ID:				Seq: 33	21:28:03	27 Sep 11	HG		
				460-31636-a-4-a					
Hg	1.29	ppb	3738						=

*** Sample ID: Seq: 34 21:30:22 27 Sep 11 HG
 460-31636-a-5-a
 Hg 2.08 ppb 5962
 *** Sample ID: Seq: 35 21:33:05 27 Sep 11 HG
 460-31636-a-6-a
 Hg 2.32 ppb 6636
 *** Sample ID: Seq: 36 21:35:00 27 Sep 11 HG
 460-31455-b-6-a
 Hg 1.29 ppb 3724
 *** Check Standard: 2 Ck2ACCV Seq: 37 21:36:44 27 Sep 11 HG
 Line Flag Intensities
 Hg 15017
 *** Check Standard: 1 Ck1ICB/CCB Seq: 38 21:38:47 27 Sep 11 HG
 Line Flag Intensities
 Hg 370
 *** Sample ID: Seq: 39 21:40:31 27 Sep 11 HG
 460-31455-a-7-d
 Hg 1.06 ppb 3080
 *** Sample ID: Seq: 40 21:42:15 27 Sep 11 HG
 460-31455-c-8-a
 Hg 1.44 ppb 4163
 *** Sample ID: Seq: 41 21:44:20 27 Sep 11 HG
 460-31455-a-9-c
 Hg .631 ppb 1861

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 POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.329	ppb	1005					
*** Sample ID:								
Hg	.079	ppb	297					
*** Sample ID:								
Hg	.380	ppb	1150					
*** Check Standard: 2								
Line Flag								
Hg								
*** Check Standard: 1								
Line Flag								
Hg								
*** Sample ID:								
Hg	.013	ppb	110					

Hg 5.31 ppb 15134 -87473/11-a@10

*** Sample ID: Seq: 49 22:01:28 27 Sep 11 HG
460-31413-b-2-a

Hg .140 ppb 470

*** Sample ID: Seq: 50 22:03:13 27 Sep 11 HG
460-31413-b-2-b du

Hg .148 ppb 492

*** Sample ID: Seq: 51 22:05:08 27 Sep 11 HG
460-31413-b-2-c ms

Hg 1.18 ppb 3419

*** Sample ID: Seq: 52 22:07:24 27 Sep 11 HG
460-31413-b-4-a

Hg .029 ppb 155

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POST-RUN REPORT

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 53 22:09:13 27 Sep 11 HG
460-31413-b-8-a

Hg .037 ppb 177

*** Sample ID: Seq: 54 22:11:04 27 Sep 11 HG
460-31413-b-11-a

Hg .059 ppb 238

*** Sample ID: Seq: 55 22:13:49 27 Sep 11 HG
460-31413-d-14-a

Hg .057 ppb 233

*** Sample ID: Seq: 56 22:15:46 27 Sep 11 HG
460-31413-b-16-c

Hg .350 ppb 1063

*** Check Standard: 2 Ck2ACCV Seq: 57 22:17:41 27 Sep 11 HG
Line Flag Intensities
Hg 14477

*** Check Standard: 1 Ck1ICB/CCB Seq: 58 22:19:24 27 Sep 11 HG
Line Flag Intensities
Hg 183

*** Sample ID: Seq: 59 22:21:30 27 Sep 11 HG
460-31413-b-17-a

Hg .438 ppb 1313

*** Sample ID: Seq: 60 22:23:37 27 Sep 11 HG
460-31513-a-1-a

Hg .115 ppb 398

*** Sample ID: Seq: 61 22:25:26 27 Sep 11 HG
460-31513-a-7-a

Hg .083 ppb 306

*** Sample ID: Seq: 62 22:27:42 27 Sep 11 HG
460-31513-a-8-a

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$$=$$

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87829 Batch Start Date: 09/30/11 07:07 Batch Analyst: Chen, MandiBatch Method: 3050B Batch End Date: 09/30/11 13:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00026	ME_LCSS_62 00013		
MB 460-87829/1		3050B, 6010B		1.00 g	50 mL				
LCSSRM 460-87829/2		3050B, 6010B		1.00 g	50 mL		1 g		
460-31716-A-8 DU		3050B, 6010B	T	1.02 g	50 mL				
460-31716-A-8 MS		3050B, 6010B	T	1.04 g	50 mL	2 mL			
460-31552-D-4	SO-17338-092111-MM-042	3050B, 6010B	T	1.03 g	50 mL				
460-31552-D-5	SO-17338-092111-MM-043	3050B, 6010B	T	1.08 g	50 mL				

Batch Notes	
Balance ID	35
Hydrogen peroxide lot number	K11J09
Lot # of hydrochloric acid	K14068
Logbook ID for diluted Nitric	MPR180
Lot # of Nitric Acid	K15028
Hood ID or number	8
Hot Block ID number	1
Pipette ID	25
Temperature	95 Degrees C
ID number of the thermometer	ICP-3

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87472 Batch Start Date: 09/27/11 17:50 Batch Analyst: Staib, ThomasBatch Method: 7471A Batch End Date: 09/27/11 19:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00635	ME_DQCS-INT 00328	ME_LCSS_62 00013	
ICV 460-87472/7		7471A, 7471A		0.60 g	100 mL		5 mL		
CCV 460-87472/8		7471A, 7471A		0.60 g	100 mL		5 mL		
MB 460-87472/10		7471A, 7471A		0.60 g	100 mL				
LCSSRM 460-87472/11		7471A, 7471A		0.60 g	100 mL			0.6 g	
460-31465-F-1 DU		7471A, 7471A	T	0.60 g	100 mL				
460-31465-F-1 MS		7471A, 7471A	T	0.60 g	100 mL	1 mL			
460-31552-D-4	SO-17338-092111-MM-042	7471A, 7471A	T	0.66 g	100 mL				
460-31552-D-5	SO-17338-092111-MM-043	7471A, 7471A	T	0.62 g	100 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	J52473
Balance ID	#35
Batch Comment	Autoclave Pressure 15 LBS
Blank Soil Lot Number	D062-540
Sulfuric Acid Lot Number	K03051
Lot # of hydrochloric acid	HgR01369
Lot # of Nitric Acid	K15028
Hood ID or number	#1
Potassium Permanganate Lot Number	HgR01371
NaCL Lot #	J15605
Oven, Bath or Block Temperature 1	Autoclave Temperature 121 Degrees Celcius
Pipette ID	#25
Stannous Chloride Lot Number	HgR01368
ID number of the thermometer	Prep-1

Basis	Basis Description
T	Total/NA

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-31552-1
SDG No.: _____
Project: FORMER GM

Client Sample ID	Lab Sample ID
<u>SO-17338-092111-MM-039</u>	<u>460-31552-1</u>
<u>SO-17338-092111-MM-040</u>	<u>460-31552-2</u>
<u>SO-17338-092111-MM-041</u>	<u>460-31552-3</u>
<u>SO-17338-092111-MM-042</u>	<u>460-31552-4</u>
<u>SO-17338-092111-MM-043</u>	<u>460-31552-5</u>
<u>SO-17338-092111-MM-044</u>	<u>460-31552-6</u>
<u>SO-17338-092111-MM-045</u>	<u>460-31552-7</u>
<u>SO-17338-092111-MM-046</u>	<u>460-31552-8</u>
<u>SO-17338-092111-MM-047</u>	<u>460-31552-9</u>
<u>SO-17338-092111-MM-048</u>	<u>460-31552-10</u>
<u>SO-17338-092111-MM-049</u>	<u>460-31552-11</u>
<u>SO-17338-092111-MM-050</u>	<u>460-31552-12</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-31552-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job Number: 460-31552-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/27/2011 13:05 End Date: 09/28/2011 01:39

Lab Sample ID	D / F	T y p e	Time	Analytes															
				% S o l	M o i s t														
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
ZZZZZZ			13:05																
460-31552-1	1	T	13:29	X	X														
460-31552-2	1	T	13:29	X	X														
460-31552-3	1	T	13:29	X	X														
460-31552-4	1	T	13:29	X	X														
460-31552-5	1	T	13:29	X	X														
460-31552-5 DU	1	T	13:29	X	X														
460-31552-6	1	T	13:29	X	X														
460-31552-7	1	T	13:29	X	X														
460-31552-8	1	T	13:29	X	X														
460-31552-9	1	T	13:29	X	X														
460-31552-10	1	T	13:29	X	X														
460-31552-11	1	T	13:29	X	X														
460-31552-12	1	T	13:29	X	X														
ZZZZZZ			13:29																
ZZZZZZ			13:29																
ZZZZZZ			13:29																
ZZZZZZ			13:29																
ZZZZZZ			13:29																
ZZZZZZ			13:29																
ZZZZZZ			13:29																
ZZZZZZ			13:29																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/27/2011 13:05 End Date: 09/28/2011 01:39

Lab Sample ID	D / F	T y p e	Time	Analytes															
				% S o l	M o i s t														
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:03																
ZZZZZZ			14:21																
ZZZZZZ			14:21																
ZZZZZZ			14:21																
ZZZZZZ			14:21																
ZZZZZZ			14:21																
ZZZZZZ			14:21																
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/27/2011 13:05 End Date: 09/28/2011 01:39

Lab Sample ID	D / F	T y p e	Time	Analytes																	
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ZZZZZZ			01:39																		

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Instrument ID: NOEQUIP Method: Moisture

Start Date: 09/27/2011 13:05 End Date: 09/28/2011 01:39

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				% S o l	M o i s t																
ZZZZZZ			01:39																		

Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-31552-1

SDG No.: _____

Batch Number: 87429 Batch Start Date: 09/27/11 13:05 Batch Analyst: Armbruster, ChrisBatch Method: Moisture Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry		
460-31552-D-1	SO-17338-092111-MM-039	Moisture	T	16	1.02 g	6.43 g	6.05 g		
460-31552-B-2	SO-17338-092111-MM-040	Moisture	T	17	1.03 g	6.23 g	5.83 g		
460-31552-F-3	SO-17338-092111-MM-041	Moisture	T	18	1.02 g	6.32 g	5.31 g		
460-31552-D-4	SO-17338-092111-MM-042	Moisture	T	19	0.99 g	6.75 g	6.03 g		
460-31552-D-5	SO-17338-092111-MM-043	Moisture	T	20	1.02 g	6.87 g	6.09 g		
460-31552-D-5 DU	SO-17338-092111-MM-043	Moisture	T	21	1.02 g	6.15 g	5.57 g		
460-31552-D-6	SO-17338-092111-MM-044	Moisture	T	22	1.02 g	6.63 g	5.62 g		
460-31552-C-7	SO-17338-092111-MM-045	Moisture	T	23	0.99 g	6.03 g	5.51 g		
460-31552-D-8	SO-17338-092111-MM-046	Moisture	T	24	1.01 g	6.36 g	5.38 g		
460-31552-D-9	SO-17338-092111-MM-047	Moisture	T	25	1.01 g	6.69 g	5.85 g		
460-31552-D-10	SO-17338-092111-MM-048	Moisture	T	26	1.02 g	6.64 g	6.14 g		
460-31552-B-11	SO-17338-092111-MM-049	Moisture	T	27	0.99 g	6.00 g	5.54 g		
460-31552-D-12	SO-17338-092111-MM-050	Moisture	T	28	1.03 g	6.38 g	5.34 g		

Batch Notes	
Balance ID	104 No Unit
Date samples were placed in the oven	9/27/11
Oven Temp when samples are put in oven	105, 102 Degrees C
Date samples were removed from oven	9/28/11
Oven Temp when samples removed from oven	102, 101 Degrees C
Time Samples were removed from oven	10:02
Oven ID	1, 2
ID number of the thermometer	1895, 1840

Basis	Basis Description
T	Total/NA

Moisture

Page 1 of 1

Shipping and Receiving Documents

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 2

Name (for report and invoice) CHAS BORTON		Samplers Name (Printed) M. MYLE		Site/Project Identification VALMERA GM	
Company CNA		P.O. # 017338		State (Location of site): NJ ☐ NY ☐ Other: DE	
Address		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program: DNAEC	
City	State	LAB USE ONLY Project No:		Job No: 31552	
Phone 716-856-2142	Fax 2142			Sample Numbers	

Sample Identification	Date	Time	Matrix	No. of Cont.	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)
SO-17338-092111-MM-039	9/21/11	0950	SO	3	VO BN+25 TCL PCB TAL METALS PESTICIDES
SO-17338-092111-MM-040	10/15			3	
SO-17338-092111-MM-041	10/20			7	
SO-17338-092111-MM-042	11/05			3	
SO-17338-092111-MM-043	11/20			3	
SO-17338-092111-MM-044	12/40			3	
SO-17338-092111-MM-045	12/55			3	
SO-17338-092111-MM-046	1336			3	
SO-17338-092111-MM-047	1330			3	
SO-17338-092111-MM-048				3	

Preservation Used: 1 = ICE, 2 = HCl, 3 = H₂SO₄, 4 = HNO₃, 5 = NaOH
6 = Other _____ 7 = Other _____
Soil: _____ Water: _____

Special Instructions HOLD ALL SAMPLES

Relinquished by	Company	Date / Time	Received by	Company	Date / Time	Received by	Company
1) Marking M. M. A.	CNA	9/21/11 1550	1) Marking M. M. A.	CNA	9/21/11 1550	1) Marking M. M. A.	CNA
2) Marking M. M. A.	CNA	9/21/11 1130	2) Marking M. M. A.	CNA	9/21/11 1130	2) Marking M. M. A.	CNA
3) Marking M. M. A.	CNA	9/23 1000	3) Marking M. M. A.	CNA	9/23 1000	3) Marking M. M. A.	CNA
4) Marking M. M. A.	CNA	9/23/11 1830	4) Marking M. M. A.	CNA	9/23/11 1830	4) Marking M. M. A.	CNA

Material Metals Filtered (Yes/No)? **DNAC-SIES**

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

TestAmerica

777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

THE LEADER IN ENVIRONMENTAL TESTING

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 2 of 2

Name (for report and invoice) CHAS BARTON		Samplers Name (Printed) M. MYLER		Site/Project Identification RAMEN C/M	
Company CNA		P.O.# 17338		State (Location of site): NJ: ☐ NY: ☐ Other: DE	
Address		Analysis Turnaround Time Standard ☒ Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐		Regulatory Program: DMREC	
City	State	LAB USE ONLY Project No:		Job No: 31552	
Phone 716-856-2142	Fax	Sample Identification		Sample Numbers	
Date		Time	Matrix	No. of Cont.	
SO-17338-09211-MM-049		9/2/11	SO	3	1
SO-17338-09211-MM-050		9/2/11	SO	3	12
SO-17338-09211-MM-025		9/2/11	SO	1	13
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH Soil: ☐ Water: ☐					

Special Instructions HOLD ALL SAMPLES

Water Metals Filtered (Yes/No)?

Relinquished by M. MYLER	Company CNA	Date / Time 9/2/11 1550	Received by 1/3/11 1550	Company ONEFC-SIES
Relinquished by CHAS BARTON	Company CNA	Date / Time 9/2/11 1130	Received by 1/3/11 1130	Company ONEFC-SIES
Relinquished by CHAS BARTON	Company CNA	Date / Time 9/23 1700	Received by 1/3/11 1700	Company ONEFC-SIES
Relinquished by CHAS BARTON	Company CNA	Date / Time 1/3/11 1830	Received by 1/3/11 1830	Company ONEFC-SIES

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132)

Massachusetts (M-NJ312), North Carolina (No. 578)

Added -
OH
9/12/11

1.3/4.7/2.6 #50

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-31552-1

Login Number: 31552

List Source: TestAmerica Edison

List Number: 1

Creator: Smith, Anthony G

Question	Answer	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.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	1.3°, 4.7°, 2.6° C IR#50
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	