

ANALYTICAL REPORT

Job Number: 460-33168-1

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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Project Manager II
11/22/2011 7:47 AM

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cc: Mr. Greg Carli

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CASE NARRATIVE

Client: Conestoga-Rovers & Associates, Inc.

Project: Former GM

Report Number: 460-33168-1

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 11/02/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 1.4, 1.1, 1.6°C.

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

DISSOLVED METALS

Samples 460-33168-1 through 460-33168-4 were analyzed for Dissolved metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/09/2011 and analyzed on 11/12/2011.

Iron and Manganese failed the recovery criteria high for the MS of sample 460-33168-1 in batch 460-92470.

Refer to the QC report for details.

No other difficulties were encountered during the dissolved metals analyses.

All other quality control parameters were within the acceptance limits.

TOTAL METALS

Samples 460-33168-1 through 460-33168-4 were analyzed for total metals in accordance with EPA SW-846 Method 6010B. The samples were prepared on 11/08/2011 and 11/10/2011 and analyzed on 11/10/2011.

Copper was detected in method blank MB 460-92469/1-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.

No other difficulties were encountered during the metals analyses.

All other quality control parameters were within the acceptance limits.

DISSOLVED MERCURY

Samples 460-33168-1 through 460-33168-4 were analyzed for dissolved mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 11/09/2011.

No difficulties were encountered during the dissolved mercury analyses.

All quality control parameters were within the acceptance limits.

TOTAL MERCURY

Samples 460-33168-1 through 460-33168-4 were analyzed for total mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 11/04/2011.

No difficulties were encountered during the mercury analyses.

All quality control parameters were within the acceptance limits.

CHLORINATED PESTICIDES

Samples 460-33168-1 through 460-33168-3 were analyzed for chlorinated pesticides in accordance with EPA SW-846 Method 8081A. The samples were prepared on 11/04/2011 and analyzed on 11/07/2011.

No difficulties were encountered during the pesticides analyses.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS)

Samples 460-33168-1 through 460-33168-3 were analyzed for polychlorinated biphenyls (PCBs) in accordance with EPA SW-846 Method 8082. The samples were prepared on 11/04/2011 and 11/10/2011 and analyzed on 11/08/2011 and 11/10/2011.

Surrogate and spike recoveries were outside the lower control limits. Samples associated were sent back for re-extract but outside holding time. Both sets of data were reported.

The following sample(s) was prepared outside of preparation holding time due to low surrogate and spike recoveries. Both sets of data were reported.: FB-17338-110211-13 (460-33168-2), GW-17338-110211-MW105-14 (460-33168-3), GW-17338-110211-MW28-12 (460-33168-1).

Refer to the QC report for details.

No other difficulties were encountered during the PCBs analyses.

All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-33168-1 through 460-33168-4 were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B. The samples were analyzed on 11/11/2011.

The matrix spike (MS) recoveries of cis-1,3-Dichloropropene and Styrene; the matrix spike duplicate (MSD) recoveries of cis-1,3-Dichloropropene and Dibromochloromethane were outside control limits in batch 92617. 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 - SELECTED ION MODE (SIM)

Samples 460-33168-1 through 460-33168-3 were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) in accordance with EPA SW-846 Method 8270C SIM. The samples were prepared on 11/04/2011 and analyzed on 11/13/2011.

No difficulties were encountered during the SIM analyses.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 460-33168-1 through 460-33168-3 were analyzed for semivolatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8270C. The samples were prepared on 11/04/2011 and analyzed on 11/13/2011.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 91853 were outside control limits. The laboratory control sample (LCS) for batch 91853 exceeded control limits for the following analytes: Benzaldehyde.

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.

SAMPLE SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
460-33168-1	GW-17338-110211-MW28-12	Water	11/02/2011 1000	11/02/2011 1850
460-33168-1MS	GW-17338-110211-MW28-12	Water	11/02/2011 1000	11/02/2011 1850
460-33168-1MSD	GW-17338-110211-MW28-12	Water	11/02/2011 1000	11/02/2011 1850
460-33168-1DU	GW-17338-110211-MW28-12	Water	11/02/2011 1000	11/02/2011 1850
460-33168-2FB	FB-17338-110211-13	Water	11/02/2011 1130	11/02/2011 1850
460-33168-3	GW-17338-110211-MW105-14	Water	11/02/2011 1215	11/02/2011 1850
460-33168-4	GW-17338-110211-MW32-15	Water	11/02/2011 1430	11/02/2011 1850

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-33168-1	GW-17338-110211-MW28-12					
Methyl tert-butyl ether		0.32	J	1.0	ug/L	8260B
Arsenic		7.9		5.0	ug/L	6010B
Barium		557		200	ug/L	6010B
Calcium		36100		5000	ug/L	6010B
Cobalt		50.0		50.0	ug/L	6010B
Iron		42000		150	ug/L	6010B
Magnesium		60800		5000	ug/L	6010B
Manganese		6390		15.0	ug/L	6010B
Nickel		6.5	J	40.0	ug/L	6010B
Potassium		6050		5000	ug/L	6010B
Sodium		175000		5000	ug/L	6010B
Zinc		101		30.0	ug/L	6010B
<i>Dissolved</i>						
Barium		491		200	ug/L	6010B
Calcium		38100		5000	ug/L	6010B
Cobalt		50.4		50.0	ug/L	6010B
Iron		19500		150	ug/L	6010B
Magnesium		62200		5000	ug/L	6010B
Manganese		6510		15.0	ug/L	6010B
Nickel		7.5	J	40.0	ug/L	6010B
Potassium		5850		5000	ug/L	6010B
Sodium		170000		5000	ug/L	6010B
Zinc		88.5		30.0	ug/L	6010B
460-33168-2FB	FB-17338-110211-13					
Methylene Chloride		0.92	J	1.0	ug/L	8260B
Copper		4.9	J	25.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-33168-3	GW-17338-110211-MW105-14					
Acetone		26		10	ug/L	8260B
Carbon disulfide		4.3		1.0	ug/L	8260B
1,1-Dichloroethane		1.4		1.0	ug/L	8260B
cis-1,2-Dichloroethene		0.85	J	1.0	ug/L	8260B
2-Butanone (MEK)		2.5	J	10	ug/L	8260B
Ethylbenzene		4.6		1.0	ug/L	8260B
Benzene		1.4		1.0	ug/L	8260B
Toluene		3.4		1.0	ug/L	8260B
Xylenes, Total		11		3.0	ug/L	8260B
Phenol		10		10	ug/L	8270C
4-Methylphenol		4.1	J	10	ug/L	8270C
Benzo[a]anthracene		0.024	J	0.051	ug/L	8270C SIM
Aluminum		584		200	ug/L	6010B
Arsenic		5.8		5.0	ug/L	6010B
Barium		123	J	200	ug/L	6010B
Calcium		104000		5000	ug/L	6010B
Iron		83.0	J	150	ug/L	6010B
Magnesium		102	J	5000	ug/L	6010B
Nickel		19.3	J	40.0	ug/L	6010B
Potassium		7560		5000	ug/L	6010B
Sodium		228000		5000	ug/L	6010B
Vanadium		18.9	J	50.0	ug/L	6010B
<i>Dissolved</i>						
Aluminum		130	J	200	ug/L	6010B
Arsenic		4.8	J	5.0	ug/L	6010B
Barium		102	J	200	ug/L	6010B
Calcium		90900		5000	ug/L	6010B
Magnesium		156	J	5000	ug/L	6010B
Nickel		20.3	J	40.0	ug/L	6010B
Potassium		7950		5000	ug/L	6010B
Sodium		236000		5000	ug/L	6010B
Vanadium		13.3	J	50.0	ug/L	6010B

EXECUTIVE SUMMARY - Detections

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
460-33168-4	GW-17338-110211-MW32-15					
Aluminum		13100		200	ug/L	6010B
Arsenic		4.0	J	5.0	ug/L	6010B
Barium		139	J	200	ug/L	6010B
Beryllium		1.9	J	2.0	ug/L	6010B
Calcium		12900		5000	ug/L	6010B
Chromium		36.9		10.0	ug/L	6010B
Cobalt		25.7	J	50.0	ug/L	6010B
Copper		19.0	J	25.0	ug/L	6010B
Iron		10100		150	ug/L	6010B
Lead		8.4		5.0	ug/L	6010B
Magnesium		8990		5000	ug/L	6010B
Manganese		327		15.0	ug/L	6010B
Nickel		27.2	J	40.0	ug/L	6010B
Potassium		2260	J	5000	ug/L	6010B
Sodium		23400		5000	ug/L	6010B
Vanadium		32.1	J	50.0	ug/L	6010B
Zinc		69.2		30.0	ug/L	6010B
<i>Dissolved</i>						
Barium		82.3	J	200	ug/L	6010B
Calcium		13900		5000	ug/L	6010B
Cobalt		20.0	J	50.0	ug/L	6010B
Magnesium		7760		5000	ug/L	6010B
Manganese		236		15.0	ug/L	6010B
Nickel		17.6	J	40.0	ug/L	6010B
Potassium		845	J	5000	ug/L	6010B
Sodium		24900		5000	ug/L	6010B
Zinc		43.5		30.0	ug/L	6010B

METHOD SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Description	Lab Location	Method	Preparation Method
Matrix: Water			
Volatile Organics (GC/MS)	TAL EDI	SW846 8260B	
Purge and Trap	TAL EDI		SW846 5030B
Semivolatile Organics (GC/MS)	TAL EDI	SW846 8270C	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Semivolatile Organic Compounds (GC/MS SIM)	TAL EDI	SW846 8270C SIM	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Organochlorine Pesticides (GC)	TAL EDI	SW846 8081A	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Polychlorinated Biphenyls (PCBs) (GC)	TAL EDI	SW846 8082	
Liquid-Liquid Extraction (Separatory Funnel)	TAL EDI		SW846 3510C
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Metals (ICP)	TAL EDI	SW846 6010B	
Preparation, Total Metals	TAL EDI		SW846 3010A
Sample Filtration	TAL EDI		FILTRATION
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Mercury (CVAA)	TAL EDI	SW846 7470A	
Preparation, Mercury	TAL EDI		SW846 7470A
Sample Filtration	TAL EDI		FILTRATION

Lab References:

TAL EDI = TestAmerica Edison

Method References:

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

METHOD / ANALYST SUMMARY

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method	Analyst	Analyst ID
SW846 8260B	Martinez, Eddie	EM
SW846 8270C	Crocco, Michael	MC
SW846 8270C	Zhao, Chunxin	CZ
SW846 8270C SIM	Zhao, Chunxin	CZ
SW846 8081A	Manlangit, Ferdie	FM
SW846 8082	Damarapu, Shanthi	SD
SW846 6010B	Chang, Churn Der	CDC
SW846 7470A	Sheikh, Razia B	RBS

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05427.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0231			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0231				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	0.32	J	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05427.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0231			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0231				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 122
4-Bromofluorobenzene	94		69 - 135
Toluene-d8 (Surr)	94		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-92617

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j05427.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 11/11/2011 0231

Final Weight/Volume: 5 mL

Prep Date: 11/11/2011 0231

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Client Matrix: Water

Date Sampled: 11/02/2011 1130

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05421.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0001			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0001				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	0.92	J	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05421.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0001			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0001				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100		70 - 122
4-Bromofluorobenzene	92		69 - 135
Toluene-d8 (Surr)	90		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Client Matrix: Water

Date Sampled: 11/02/2011 1130

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-92617

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j05421.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 11/11/2011 0001

Final Weight/Volume: 5 mL

Prep Date: 11/11/2011 0001

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05428.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0256			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0256				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	26		2.5	10
Carbon disulfide	4.3		0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.4		0.10	1.0
cis-1,2-Dichloroethene	0.85	J	0.20	1.0
2-Butanone (MEK)	2.5	J	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	4.6		0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.4		0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	3.4		0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	11		0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05428.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0256			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0256				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105		70 - 122
4-Bromofluorobenzene	98		69 - 135
Toluene-d8 (Surr)	98		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-92617

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j05428.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 11/11/2011 0256

Final Weight/Volume: 5 mL

Prep Date: 11/11/2011 0256

Tentatively Identified Compounds

Number TIC's Found: 1

Cas Number	Analyte	RT	Est. Result (ug/L)	Qualifier
	C7H14O Ketone	10.46	7.9	J

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW32-15

Lab Sample ID: 460-33168-4

Date Sampled: 11/02/2011 1430

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05429.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0321			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0321				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0
1,3-Dichlorobenzene	1.0	U	0.22	1.0

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW32-15

Lab Sample ID: 460-33168-4

Date Sampled: 11/02/2011 1430

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method:	8260B	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	j05429.d
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0321			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0321				

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94		70 - 122
4-Bromofluorobenzene	89		69 - 135
Toluene-d8 (Surr)	90		69 - 125

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW32-15

Lab Sample ID: 460-33168-4

Date Sampled: 11/02/2011 1430

Client Matrix: Water

Date Received: 11/02/2011 1850

8260B Volatile Organics (GC/MS)

Analysis Method: 8260B

Analysis Batch: 460-92617

Instrument ID: VOAMS8

Prep Method: 5030B

Prep Batch: N/A

Lab File ID: j05429.d

Dilution: 1.0

Initial Weight/Volume: 5 mL

Analysis Date: 11/11/2011 0321

Final Weight/Volume: 5 mL

Prep Date: 11/11/2011 0321

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-92827	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	x19556.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 0541			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	2.8	10
Phenol	10	U	0.82	10
2,4,6-Trichlorophenol	10	U	2.4	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,4-Dichlorophenol	10	U	2.6	10
2-Chlorophenol	10	U	2.2	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
Acetophenone	10	U	2.7	10
2-Methylnaphthalene	10	U	3.0	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.8	10
2-Nitroaniline	20	U	4.9	20
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	2.5	10
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
2,4-Dimethylphenol	10	U	3.4	10
4-Nitroaniline	20	U	5.9	20
4-Nitrophenol	30	U	6.8	30
Bis(2-chloroethoxy)methane	10	U	2.6	10
Atrazine	10	U	3.0	10
Naphthalene	10	U	2.7	10
Benzaldehyde	10	U *	2.0	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.58	2.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Caprolactam	10	U	2.5	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.091	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
Fluoranthene	10	U	3.2	10
Fluorene	10	U	2.8	10
2,6-Dinitrotoluene	2.0	U	0.62	2.0
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.1	20
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.5	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C	Analysis Batch: 460-92827	Instrument ID: BNAMS5
Prep Method: 3510C	Prep Batch: 460-91853	Lab File ID: x19556.d
Dilution: 1.0		Initial Weight/Volume: 990 mL
Analysis Date: 11/13/2011 0541		Final Weight/Volume: 2 mL
Prep Date: 11/04/2011 0851		Injection Volume: 1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Benzo[g,h,i]perylene	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	83		46 - 122
2-Fluorobiphenyl	80		53 - 108
2-Fluorophenol (Surr)	50		10 - 65
Nitrobenzene-d5 (Surr)	85		56 - 112
Phenol-d5 (Surr)	28		10 - 48
Terphenyl-d14 (Surr)	81		50 - 122

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-92827

Instrument ID: BNAMS5

Prep Method: 3510C

Prep Batch: 460-91853

Lab File ID: x19556.d

Dilution: 1.0

Initial Weight/Volume: 990 mL

Analysis Date: 11/13/2011 0541

Final Weight/Volume: 2 mL

Prep Date: 11/04/2011 0851

Injection Volume: 1 uL

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Client Matrix: Water

Date Sampled: 11/02/2011 1130

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-92952	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	x19573.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 1927			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	2.8	10
Phenol	10	U	0.82	10
2,4,6-Trichlorophenol	10	U	2.4	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,4-Dichlorophenol	10	U	2.6	10
2-Chlorophenol	10	U	2.2	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
Acetophenone	10	U	2.7	10
2-Methylnaphthalene	10	U	3.0	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.8	10
2-Nitroaniline	20	U	4.9	20
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	2.5	10
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
2,4-Dimethylphenol	10	U	3.4	10
4-Nitroaniline	20	U	5.9	20
4-Nitrophenol	30	U	6.8	30
Bis(2-chloroethoxy)methane	10	U	2.6	10
Atrazine	10	U	3.0	10
Naphthalene	10	U	2.7	10
Benzaldehyde	10	U *	2.0	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.58	2.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Caprolactam	10	U	2.5	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.091	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
Fluoranthene	10	U	3.2	10
Fluorene	10	U	2.8	10
2,6-Dinitrotoluene	2.0	U	0.62	2.0
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.1	20
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.5	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-92952	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	x19573.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 1927			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Benzo[g,h,i]perylene	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	79		46 - 122
2-Fluorobiphenyl	80		53 - 108
2-Fluorophenol (Surr)	63		10 - 65
Nitrobenzene-d5 (Surr)	88		56 - 112
Phenol-d5 (Surr)	47		10 - 48
Terphenyl-d14 (Surr)	90		50 - 122

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Client Matrix: Water

Date Sampled: 11/02/2011 1130

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Prep Method: 3510C

Dilution: 1.0

Analysis Date: 11/13/2011 1927

Prep Date: 11/04/2011 0851

Analysis Batch: 460-92952

Prep Batch: 460-91853

Instrument ID: BNAMS5

Lab File ID: x19573.d

Initial Weight/Volume: 990 mL

Final Weight/Volume: 2 mL

Injection Volume: 1 uL

Tentatively Identified Compounds

Number TIC's Found: 0

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-92827	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	x19558.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 0628			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
1,1'-Biphenyl	10	U	2.8	10
Phenol	10		0.82	10
2,4,6-Trichlorophenol	10	U	2.4	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,4-Dichlorophenol	10	U	2.6	10
2-Chlorophenol	10	U	2.2	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
Acetophenone	10	U	2.7	10
2-Methylnaphthalene	10	U	3.0	10
4-Methylphenol	4.1	J	1.6	10
2-Methylphenol	10	U	1.8	10
2-Nitroaniline	20	U	4.9	20
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	2.5	10
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
2,4-Dimethylphenol	10	U	3.4	10
4-Nitroaniline	20	U	5.9	20
4-Nitrophenol	30	U	6.8	30
Bis(2-chloroethoxy)methane	10	U	2.6	10
Atrazine	10	U	3.0	10
Naphthalene	10	U	2.7	10
Benzaldehyde	10	U *	2.0	10
4-Chloroaniline	10	U	2.0	10
Hexachlorobutadiene	2.0	U	0.58	2.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Caprolactam	10	U	2.5	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.091	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
Fluoranthene	10	U	3.2	10
Fluorene	10	U	2.8	10
2,6-Dinitrotoluene	2.0	U	0.62	2.0
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.1	20
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.5	30
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method:	8270C	Analysis Batch:	460-92827	Instrument ID:	BNAMS5
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	x19558.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 0628			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Benzo[g,h,i]perylene	10	U	2.0	10

Surrogate	%Rec	Qualifier	Acceptance Limits
2,4,6-Tribromophenol (Surr)	82		46 - 122
2-Fluorobiphenyl	75		53 - 108
2-Fluorophenol (Surr)	47		10 - 65
Nitrobenzene-d5 (Surr)	86		56 - 112
Phenol-d5 (Surr)	28		10 - 48
Terphenyl-d14 (Surr)	81		50 - 122

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8270C Semivolatile Organics (GC/MS)

Analysis Method: 8270C

Analysis Batch: 460-92827

Instrument ID: BNAMS5

Prep Method: 3510C

Prep Batch: 460-91853

Lab File ID: x19558.d

Dilution: 1.0

Initial Weight/Volume: 990 mL

Analysis Date: 11/13/2011 0628

Final Weight/Volume: 2 mL

Prep Date: 11/04/2011 0851

Injection Volume: 1 uL

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

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

Analysis Method:	8270C SIM	Analysis Batch:	460-92908	Instrument ID:	BNAMS9
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	h98197.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 1859			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

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

Analysis Method:	8270C SIM	Analysis Batch:	460-92908	Instrument ID:	BNAMS9
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	h98198.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 1925			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

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

Analysis Method:	8270C SIM	Analysis Batch:	460-92908	Instrument ID:	BNAMS9
Prep Method:	3510C	Prep Batch:	460-91853	Lab File ID:	h98199.d
Dilution:	1.0			Initial Weight/Volume:	990 mL
Analysis Date:	11/13/2011 1952			Final Weight/Volume:	2 mL
Prep Date:	11/04/2011 0851			Injection Volume:	1 uL

Analyte	Result (ug/L)	Qualifier	MDL	RL
Benzo[a]anthracene	0.024	J	0.020	0.051
Benzo[a]pyrene	0.051	U	0.030	0.051
Benzo[b]fluoranthene	0.051	U	0.040	0.051
Pentachlorophenol	0.20	U	0.14	0.20
Hexachlorobenzene	0.020	U	0.010	0.020

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-91855	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/07/2011 0809			Injection Volume:	
Prep Date:	11/04/2011 0909			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
alpha-BHC	0.051	U	0.010	0.051
beta-BHC	0.051	U	0.011	0.051
delta-BHC	0.051	U	0.0091	0.051
gamma-BHC (Lindane)	0.051	U	0.012	0.051
Heptachlor	0.051	U	0.010	0.051
Aldrin	0.051	U	0.010	0.051
Heptachlor epoxide	0.051	U	0.010	0.051
Endosulfan I	0.051	U	0.0091	0.051
Dieldrin	0.051	U	0.0051	0.051
4,4'-DDE	0.051	U	0.0091	0.051
Endrin	0.051	U	0.010	0.051
Endosulfan II	0.051	U	0.010	0.051
4,4'-DDD	0.051	U	0.011	0.051
Endosulfan sulfate	0.051	U	0.016	0.051
4,4'-DDT	0.051	U	0.010	0.051
Methoxychlor	0.051	U	0.013	0.051
Endrin ketone	0.051	U	0.011	0.051
Endrin aldehyde	0.051	U	0.0091	0.051
alpha-Chlordane	0.051	U	0.0081	0.051
gamma-Chlordane	0.051	U	0.0091	0.051
Toxaphene	0.51	U	0.20	0.51

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	50		37 - 144
Tetrachloro-m-xylene	75		49 - 132

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-92101

Instrument ID: PESTGC4

Prep Method: 3510C

Prep Batch: 460-91855

Initial Weight/Volume: 990 mL

Dilution: 1.0

Final Weight/Volume: 5 mL

Analysis Date: 11/07/2011 0809

Injection Volume:

Prep Date: 11/04/2011 0909

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	43		37 - 144
Tetrachloro-m-xylene	67		49 - 132

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-91855	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/07/2011 0823			Injection Volume:	
Prep Date:	11/04/2011 0909			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
alpha-BHC	0.051	U	0.010	0.051
beta-BHC	0.051	U	0.011	0.051
delta-BHC	0.051	U	0.0091	0.051
gamma-BHC (Lindane)	0.051	U	0.012	0.051
Heptachlor	0.051	U	0.010	0.051
Aldrin	0.051	U	0.010	0.051
Heptachlor epoxide	0.051	U	0.010	0.051
Endosulfan I	0.051	U	0.0091	0.051
Dieldrin	0.051	U	0.0051	0.051
4,4'-DDE	0.051	U	0.0091	0.051
Endrin	0.051	U	0.010	0.051
Endosulfan II	0.051	U	0.010	0.051
4,4'-DDD	0.051	U	0.011	0.051
Endosulfan sulfate	0.051	U	0.016	0.051
4,4'-DDT	0.051	U	0.010	0.051
Methoxychlor	0.051	U	0.013	0.051
Endrin ketone	0.051	U	0.011	0.051
Endrin aldehyde	0.051	U	0.0091	0.051
alpha-Chlordane	0.051	U	0.0081	0.051
gamma-Chlordane	0.051	U	0.0091	0.051
Toxaphene	0.51	U	0.20	0.51
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	38		37 - 144	
Tetrachloro-m-xylene	68		49 - 132	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8081A Organochlorine Pesticides (GC)

Analysis Method: 8081A

Analysis Batch: 460-92101

Instrument ID: PESTGC4

Prep Method: 3510C

Prep Batch: 460-91855

Initial Weight/Volume: 990 mL

Dilution: 1.0

Final Weight/Volume: 5 mL

Analysis Date: 11/07/2011 0823

Injection Volume:

Prep Date: 11/04/2011 0909

Result Type: SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	36	X	37 - 144
Tetrachloro-m-xylene	68		49 - 132

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-91855	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/07/2011 0837			Injection Volume:	
Prep Date:	11/04/2011 0909			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
alpha-BHC	0.051	U	0.010	0.051
beta-BHC	0.051	U	0.011	0.051
delta-BHC	0.051	U	0.0091	0.051
gamma-BHC (Lindane)	0.051	U	0.012	0.051
Heptachlor	0.051	U	0.010	0.051
Aldrin	0.051	U	0.010	0.051
Heptachlor epoxide	0.051	U	0.010	0.051
Endosulfan I	0.051	U	0.0091	0.051
Dieldrin	0.051	U	0.0051	0.051
4,4'-DDE	0.051	U	0.0091	0.051
Endrin	0.051	U	0.010	0.051
Endosulfan II	0.051	U	0.010	0.051
4,4'-DDD	0.051	U	0.011	0.051
Endosulfan sulfate	0.051	U	0.016	0.051
4,4'-DDT	0.051	U	0.010	0.051
Methoxychlor	0.051	U	0.013	0.051
Endrin ketone	0.051	U	0.011	0.051
Endrin aldehyde	0.051	U	0.0091	0.051
alpha-Chlordane	0.051	U	0.0081	0.051
gamma-Chlordane	0.051	U	0.0091	0.051
Toxaphene	0.51	U	0.20	0.51
Surrogate	%Rec	Qualifier	Acceptance Limits	
DCB Decachlorobiphenyl	85		37 - 144	
Tetrachloro-m-xylene	82		49 - 132	

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8081A Organochlorine Pesticides (GC)

Analysis Method:	8081A	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Prep Method:	3510C	Prep Batch:	460-91855	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/07/2011 0837			Injection Volume:	
Prep Date:	11/04/2011 0909			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		37 - 144
Tetrachloro-m-xylene	82		49 - 132

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-91916	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/08/2011 1918			Injection Volume:	
Prep Date:	11/04/2011 1354			Result Type:	PRIMARY

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-91916	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/08/2011 1918			Injection Volume:	
Prep Date:	11/04/2011 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	47		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92863	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-92466	Initial Weight/Volume:	980 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2011 1649			Injection Volume:	
Prep Date:	11/10/2011 0733			Result Type:	PRIMARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	73		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92863	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-92466	Initial Weight/Volume:	980 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2011 1649			Injection Volume:	
Prep Date:	11/10/2011 0733			Result Type:	SECONDARY

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

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-91916	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/08/2011 2008			Injection Volume:	
Prep Date:	11/04/2011 1354			Result Type:	PRIMARY

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

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	43		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-91916	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/08/2011 2008			Injection Volume:	
Prep Date:	11/04/2011 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	40		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92863	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-92466	Initial Weight/Volume:	960 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2011 1704			Injection Volume:	
Prep Date:	11/10/2011 0733			Result Type:	PRIMARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	71		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92863	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-92466	Initial Weight/Volume:	960 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2011 1704			Injection Volume:	
Prep Date:	11/10/2011 0733			Result Type:	SECONDARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.52	U H	0.14	0.52
PCB-1221	0.52	U H	0.29	0.52
PCB-1232	0.52	U H	0.13	0.52
PCB-1242	0.52	U H	0.13	0.52
PCB-1248	0.52	U H	0.25	0.52
PCB-1254	0.52	U H	0.18	0.52
PCB-1260	0.52	U H	0.16	0.52

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

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-91916	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/08/2011 2023			Injection Volume:	
Prep Date:	11/04/2011 1354			Result Type:	PRIMARY

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

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	79		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Prep Method:	3510C	Prep Batch:	460-91916	Initial Weight/Volume:	990 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/08/2011 2023			Injection Volume:	
Prep Date:	11/04/2011 1354			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	78		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92863	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-92466	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2011 1720			Injection Volume:	
Prep Date:	11/10/2011 0733			Result Type:	PRIMARY

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	80		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

8082 Polychlorinated Biphenyls (PCBs) (GC)

Analysis Method:	8082	Analysis Batch:	460-92863	Instrument ID:	PESTGC9
Prep Method:	3510C	Prep Batch:	460-92466	Initial Weight/Volume:	970 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/10/2011 1720			Injection Volume:	
Prep Date:	11/10/2011 0733			Result Type:	SECONDARY

Analyte	Result (ug/L)	Qualifier	MDL	RL
PCB-1016	0.52	U H	0.13	0.52
PCB-1221	0.52	U H	0.29	0.52
PCB-1232	0.52	U H	0.12	0.52
PCB-1242	0.52	U H	0.12	0.52
PCB-1248	0.52	U H	0.25	0.52
PCB-1254	0.52	U H	0.18	0.52
PCB-1260	0.52	U H	0.15	0.52

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	77		37 - 150

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-92470	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92202	Lab File ID:	92064V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 0344			Final Weight/Volume:	100 mL
Prep Date:	11/08/2011 0953				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	7.9		3.8	5.0
Barium	557		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	36100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0		2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	42000		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	60800		56.9	5000
Manganese	6390		2.5	15.0
Nickel	6.5	J	3.5	40.0
Potassium	6050		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	175000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	101		5.8	30.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-92781	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0512			Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	491		3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	38100		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.4		2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	19500		40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	62200		56.9	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Date Sampled: 11/02/2011 1000

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Manganese	6510		2.5	15.0
Nickel	7.5	J	3.5	40.0
Potassium	5850		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	170000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	88.5		5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-91931	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-91875	Lab File ID:	91875hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/04/2011 1317			Final Weight/Volume:	30 mL
Prep Date:	11/04/2011 1113				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-92393	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-92358	Lab File ID:	92342hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/09/2011 1239			Final Weight/Volume:	30 mL
Prep Date:	11/09/2011 1015				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-92577	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92469	Lab File ID:	92064V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 1845			Final Weight/Volume:	100 mL
Prep Date:	11/10/2011 0821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	4.9	J	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-92781	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0644			Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2FB

Date Sampled: 11/02/2011 1130

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-91931	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-91875	Lab File ID:	91875hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/04/2011 1351			Final Weight/Volume:	30 mL
Prep Date:	11/04/2011 1113				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-92393	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-92358	Lab File ID:	92342hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/09/2011 1307			Final Weight/Volume:	30 mL
Prep Date:	11/09/2011 1015				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-92577	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92469	Lab File ID:	92064V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 1851			Final Weight/Volume:	100 mL
Prep Date:	11/10/2011 0821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	584		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.8		3.8	5.0
Barium	123	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	104000		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	83.0	J	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	102	J	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	19.3	J	3.5	40.0
Potassium	7560		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	228000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	18.9	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-92781	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0650			Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	130	J	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	4.8	J	3.8	5.0
Barium	102	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	90900		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	156	J	56.9	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Date Sampled: 11/02/2011 1215

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Manganese	15.0	U	2.5	15.0
Nickel	20.3	J	3.5	40.0
Potassium	7950		209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	236000		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	13.3	J	2.0	50.0
Zinc	30.0	U	5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-91931	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-91875	Lab File ID:	91875hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/04/2011 1353			Final Weight/Volume:	30 mL
Prep Date:	11/04/2011 1113				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-92393	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-92358	Lab File ID:	92342hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/09/2011 1309			Final Weight/Volume:	30 mL
Prep Date:	11/09/2011 1015				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW32-15

Lab Sample ID: 460-33168-4

Date Sampled: 11/02/2011 1430

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)

Analysis Method:	6010B	Analysis Batch:	460-92577	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92469	Lab File ID:	92064V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 1857			Final Weight/Volume:	100 mL
Prep Date:	11/10/2011 0821				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	13100		87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	4.0	J	3.8	5.0
Barium	139	J	3.2	200
Beryllium	1.9	J	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	12900		72.2	5000
Chromium	36.9		3.2	10.0
Cobalt	25.7	J	2.8	50.0
Copper	19.0	J	3.6	25.0
Iron	10100		40.2	150
Lead	8.4		2.8	5.0
Magnesium	8990		56.9	5000
Manganese	327		2.5	15.0
Nickel	27.2	J	3.5	40.0
Potassium	2260	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	23400		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	32.1	J	2.0	50.0
Zinc	69.2		5.8	30.0

6010B Metals (ICP)-Dissolved

Analysis Method:	6010B	Analysis Batch:	460-92781	Instrument ID:	ICP2
Prep Method:	3010A	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	1.0			Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0657			Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	82.3	J	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	13900		72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	20.0	J	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	7760		56.9	5000

Analytical Data

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Client Sample ID: GW-17338-110211-MW32-15

Lab Sample ID: 460-33168-4

Date Sampled: 11/02/2011 1430

Client Matrix: Water

Date Received: 11/02/2011 1850

6010B Metals (ICP)-Dissolved

Analyte	Result (ug/L)	Qualifier	MDL	RL
Manganese	236		2.5	15.0
Nickel	17.6	J	3.5	40.0
Potassium	845	J	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	24900		341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	43.5		5.8	30.0

7470A Mercury (CVAA)

Analysis Method:	7470A	Analysis Batch:	460-91931	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-91875	Lab File ID:	91875hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/04/2011 1355			Final Weight/Volume:	30 mL
Prep Date:	11/04/2011 1113				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

7470A Mercury (CVAA)-Dissolved

Analysis Method:	7470A	Analysis Batch:	460-92393	Instrument ID:	LEEMAN3
Prep Method:	7470A	Prep Batch:	460-92358	Lab File ID:	92342hg1.PRN
Dilution:	1.0			Initial Weight/Volume:	30 mL
Analysis Date:	11/09/2011 1311			Final Weight/Volume:	30 mL
Prep Date:	11/09/2011 1015				

Analyte	Result (ug/L)	Qualifier	MDL	RL
Mercury	0.20	U	0.19	0.20

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Surrogate Recovery Report

8260B Volatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DCA %Rec	TOL %Rec	BFB %Rec
460-33168-1	GW-17338-110211-M W28-12	105	94	94
460-33168-2	FB-17338-110211-13	100	90	92
460-33168-3	GW-17338-110211-M W105-14	105	98	98
460-33168-4	GW-17338-110211-M W32-15	94	90	89
MB 460-92617/4		107	96	100
LCS 460-92617/3		100	95	101
460-33168-1 MS	GW-17338-110211-M W28-12 MS	112	98	97
460-33168-1 MSD	GW-17338-110211-M W28-12 MSD	109	99	96

Surrogate	Acceptance Limits
DCA = 1,2-Dichloroethane-d4 (Surr)	70-122
TOL = Toluene-d8 (Surr)	69-125
BFB = 4-Bromofluorobenzene	69-135

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Surrogate Recovery Report

8270C Semivolatile Organics (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
460-33168-1	GW-17338-110211-M W28-12	50	28	85	80	83	81
460-33168-2	FB-17338-110211-13	63	47	88	80	79	90
460-33168-3	GW-17338-110211-M W105-14	47	28	86	75	82	81
MB 460-91853/1-A		53	33	93	82	97	100
LCS 460-91853/2-A		46	28	82	80	92	82
460-33168-1 MS	GW-17338-110211-M W28-12 MS	50	32	84	84	91	81
460-33168-1 MSD	GW-17338-110211-M W28-12 MSD	55	33	87	89	99	85

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

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Surrogate Recovery Report

8081A Organochlorine Pesticides (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
460-33168-1	GW-17338-110211-M W28-12	67	75	43	50
460-33168-2	FB-17338-110211-13	68	68	36X	38
460-33168-3	GW-17338-110211-M W105-14	82	82	73	85
460-33168-1 MS	GW-17338-110211-M W28-12 MS	78	79	47	54
460-33168-1 MSD	GW-17338-110211-M W28-12 MSD	72	77	46	51

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	49-132
DCB = DCB Decachlorobiphenyl	37-144

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

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

Lab Sample ID	Client Sample ID	DCB1 %Rec	DCB2 %Rec
460-33168-1	GW-17338-110211-M W28-12	47	50
460-33168-1	GW-17338-110211-M W28-12	73	66
460-33168-2	FB-17338-110211-13	43	40
460-33168-2	FB-17338-110211-13	71	62
460-33168-3	GW-17338-110211-M W105-14	78	79
460-33168-3	GW-17338-110211-M W105-14	77	80
MB 460-91916/1-A		87	80
MB 460-92466/1-A		91	87
LCS 460-91916/2-A		34X	31X
LCS 460-92466/2-A		123	113
LCSD 460-92466/3-A		115	107
460-33168-1 MS	GW-17338-110211-M W28-12 MS	25X	25X
460-33168-1 MSD	GW-17338-110211-M W28-12 MSD	17X	16X

Surrogate

Acceptance Limits

DCB = DCB Decachlorobiphenyl

37-150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-92617

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 460-92617/4	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05419.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2011 2307	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 2307				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,1,1-Trichloroethane	1.0	U	0.25	1.0
Dichlorodifluoromethane	1.0	U	0.29	1.0
Chloromethane	1.0	U	0.21	1.0
Vinyl chloride	1.0	U	0.13	1.0
Bromomethane	1.0	U	0.31	1.0
1,2-Dibromo-3-Chloropropane	1.0	U	0.15	1.0
1,2-Dichlorobenzene	1.0	U	0.16	1.0
Trichlorofluoromethane	1.0	U	0.16	1.0
1,1-Dichloroethene	1.0	U	0.14	1.0
1,2-Dichloropropane	1.0	U	0.090	1.0
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	0.28	1.0
Acetone	10	U	2.5	10
Carbon disulfide	1.0	U	0.15	1.0
Methyl acetate	2.0	U	0.33	2.0
Methylene Chloride	1.0	U	0.19	1.0
trans-1,2-Dichloroethene	1.0	U	0.14	1.0
Chlorodibromomethane	1.0	U	0.11	1.0
Methyl tert-butyl ether	1.0	U	0.18	1.0
Chloroethane	1.0	U	0.45	1.0
1,1-Dichloroethane	1.0	U	0.10	1.0
cis-1,2-Dichloroethene	1.0	U	0.20	1.0
2-Butanone (MEK)	10	U	0.82	10
Chloroform	1.0	U	0.15	1.0
Ethylbenzene	1.0	U	0.25	1.0
Cyclohexane	1.0	U	0.13	1.0
Carbon tetrachloride	1.0	U	0.19	1.0
Benzene	1.0	U	0.13	1.0
1,2-Dichloroethane	1.0	U	0.24	1.0
Trichloroethene	1.0	U	0.18	1.0
Methylcyclohexane	1.0	U	0.090	1.0
Dichlorobromomethane	1.0	U	0.093	1.0
cis-1,3-Dichloropropene	1.0	U	0.11	1.0
4-Methyl-2-pentanone (MIBK)	10	U	0.68	10
Toluene	1.0	U	0.090	1.0
trans-1,3-Dichloropropene	1.0	U	0.12	1.0
1,1,2-Trichloroethane	1.0	U	0.10	1.0
Tetrachloroethene	1.0	U	0.20	1.0
2-Hexanone	10	U	0.55	10
1,2-Dibromoethane	1.0	U	0.090	1.0
Chlorobenzene	1.0	U	0.16	1.0
Xylenes, Total	3.0	U	0.43	3.0
Styrene	1.0	U	0.13	1.0
Bromoform	1.0	U	0.10	1.0
Isopropylbenzene	1.0	U	0.21	1.0
1,1,2,2-Tetrachloroethane	1.0	U	0.090	1.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-92617

Method: 8260B

Preparation: 5030B

Lab Sample ID:	MB 460-92617/4	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05419.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2011 2307	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 2307				
Leach Date:	N/A				

Analyte	Result	Qual	MDL	RL
1,3-Dichlorobenzene	1.0	U	0.22	1.0
1,4-Dichlorobenzene	1.0	U	0.15	1.0
1,2,4-Trichlorobenzene	1.0	U	0.44	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	107	70 - 122
4-Bromofluorobenzene	100	69 - 135
Toluene-d8 (Surr)	96	69 - 125

Method Blank TICs- Batch: 460-92617

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-92617

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-92617/3	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05417.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2011 2203	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 2203				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1,1-Trichloroethane	20.0	19.4	97	74 - 128	
Dichlorodifluoromethane	20.0	19.3	97	46 - 145	
Chloromethane	20.0	23.6	118	58 - 146	
Vinyl chloride	20.0	21.6	108	61 - 144	
Bromomethane	20.0	19.1	96	55 - 153	
1,2-Dibromo-3-Chloropropane	20.0	20.4	102	70 - 116	
1,2-Dichlorobenzene	20.0	19.7	98	82 - 122	
Trichlorofluoromethane	20.0	20.4	102	69 - 147	
1,1-Dichloroethene	20.0	20.7	103	56 - 139	
1,2-Dichloropropane	20.0	19.1	96	80 - 120	
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	24.5	123	47 - 139	
Acetone	20.0	20.3	102	45 - 156	
Carbon disulfide	20.0	22.3	112	58 - 139	
Methyl acetate	20.0	26.0	130	50 - 151	
Methylene Chloride	20.0	19.6	98	79 - 119	
trans-1,2-Dichloroethene	20.0	19.6	98	75 - 122	
Chlorodibromomethane	20.0	19.1	96	80 - 120	
Methyl tert-butyl ether	20.0	19.2	96	71 - 115	
Chloroethane	20.0	20.1	101	69 - 145	
1,1-Dichloroethane	20.0	21.1	105	78 - 122	
cis-1,2-Dichloroethene	20.0	20.2	101	80 - 120	
2-Butanone (MEK)	20.0	17.6	88	65 - 114	
Chloroform	20.0	20.5	102	82 - 123	
Ethylbenzene	20.0	20.1	100	79 - 126	
Cyclohexane	20.0	23.5	118	58 - 133	
Carbon tetrachloride	20.0	21.0	105	73 - 120	
Benzene	20.0	19.6	98	83 - 124	
1,2-Dichloroethane	20.0	20.4	102	74 - 118	
Trichloroethene	20.0	20.4	102	78 - 119	
Methylcyclohexane	20.0	22.9	115	61 - 129	
Dichlorobromomethane	20.0	20.7	104	79 - 119	
cis-1,3-Dichloropropene	20.0	19.4	97	80 - 120	
4-Methyl-2-pentanone (MIBK)	20.0	19.0	95	53 - 120	
Toluene	20.0	20.5	102	80 - 120	
trans-1,3-Dichloropropene	20.0	20.0	100	78 - 118	
1,1,2-Trichloroethane	20.0	19.5	98	79 - 119	
Tetrachloroethene	20.0	19.6	98	68 - 139	
2-Hexanone	20.0	18.4	92	53 - 121	
1,2-Dibromoethane	20.0	19.3	96	78 - 118	
Chlorobenzene	20.0	20.2	101	81 - 121	
Styrene	20.0	19.2	96	69 - 112	
Bromoform	20.0	19.9	100	73 - 123	
Isopropylbenzene	20.0	20.0	100	80 - 125	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	74 - 126	
1,3-Dichlorobenzene	20.0	18.6	93	81 - 126	
1,4-Dichlorobenzene	20.0	18.7	94	83 - 123	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-92617

Method: 8260B

Preparation: 5030B

Lab Sample ID:	LCS 460-92617/3	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05417.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/10/2011 2203	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 2203				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,2,4-Trichlorobenzene	20.0	22.1	110	66 - 120	
Surrogate		% Rec		Acceptance Limits	
1,2-Dichloroethane-d4 (Surr)		100		70 - 122	
4-Bromofluorobenzene		101		69 - 135	
Toluene-d8 (Surr)		95		69 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-92617

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-33168-1	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05435.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0607			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0607				
Leach Date:	N/A				

MSD Lab Sample ID:	460-33168-1	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05436.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0633			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0633				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1,1-Trichloroethane	98	102	74 - 128	4	30		
Dichlorodifluoromethane	81	95	46 - 145	16	30		
Chloromethane	112	112	58 - 146	0	30		
Vinyl chloride	97	96	61 - 144	1	30		
Bromomethane	95	97	55 - 153	3	30		
1,2-Dibromo-3-Chloropropane	88	90	70 - 116	2	30		
1,2-Dichlorobenzene	89	92	82 - 122	3	30		
Trichlorofluoromethane	98	103	69 - 147	4	30		
1,1-Dichloroethene	93	100	56 - 139	7	30		
1,2-Dichloropropane	97	99	80 - 120	2	30		
1,1,2-Trichloro-1,2,2-trifluoroethane	129	130	47 - 139	1	30		
Acetone	118	118	45 - 156	0	30		
Carbon disulfide	76	81	58 - 139	7	30		
Methyl acetate	90	107	50 - 151	17	30		
Methylene Chloride	99	102	79 - 119	3	30		
trans-1,2-Dichloroethene	95	96	75 - 122	2	30		
Chlorodibromomethane	80	79	80 - 120	1	30		F
Methyl tert-butyl ether	94	96	71 - 115	3	30		
Chloroethane	97	103	69 - 145	6	30		
1,1-Dichloroethane	102	107	78 - 122	5	30		
cis-1,2-Dichloroethene	96	98	80 - 120	3	30		
2-Butanone (MEK)	94	93	65 - 114	1	30		
Chloroform	102	105	82 - 123	3	30		
Ethylbenzene	100	97	79 - 126	2	30		
Cyclohexane	130	133	58 - 133	3	30		
Carbon tetrachloride	95	100	73 - 120	5	30		
Benzene	91	97	83 - 124	7	30		
1,2-Dichloroethane	98	107	74 - 118	9	30		
Trichloroethene	100	105	78 - 119	6	30		
Methylcyclohexane	117	120	61 - 129	2	30		
Dichlorobromomethane	93	96	79 - 119	2	30		
cis-1,3-Dichloropropene	78	79	80 - 120	1	30	F	F
4-Methyl-2-pentanone (MIBK)	95	96	53 - 120	0	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-92617

Method: 8260B
Preparation: 5030B

MS Lab Sample ID:	460-33168-1	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05435.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0607			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0607				
Leach Date:	N/A				

MSD Lab Sample ID:	460-33168-1	Analysis Batch:	460-92617	Instrument ID:	VOAMS8
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	j05436.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/11/2011 0633			Final Weight/Volume:	5 mL
Prep Date:	11/11/2011 0633				
Leach Date:	N/A				

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Toluene	92	98	80 - 120	6	30		
trans-1,3-Dichloropropene	78	79	78 - 118	1	30		
1,1,2-Trichloroethane	93	95	79 - 119	1	30		
Tetrachloroethene	99	104	68 - 139	6	30		
2-Hexanone	96	103	53 - 121	7	30		
1,2-Dibromoethane	89	93	78 - 118	4	30		
Chlorobenzene	96	104	81 - 121	8	30		
Styrene	64	69	69 - 112	7	30	F	
Bromoform	73	77	73 - 123	5	30		
Isopropylbenzene	100	103	80 - 125	3	30		
1,1,2,2-Tetrachloroethane	89	89	74 - 126	0	30		
1,3-Dichlorobenzene	87	90	81 - 126	4	30		
1,4-Dichlorobenzene	88	90	83 - 123	2	30		
1,2,4-Trichlorobenzene	74	90	66 - 120	20	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
1,2-Dichloroethane-d4 (Surr)	112		109	70 - 122			
4-Bromofluorobenzene	97		96	69 - 135			
Toluene-d8 (Surr)	98		99	69 - 125			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-92617**

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

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/11/2011 0607
Prep Date: 11/11/2011 0607
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/11/2011 0633
Prep Date: 11/11/2011 0633
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1,1-Trichloroethane	1.0	U	20.0	20.0	19.7	20.4	
Dichlorodifluoromethane	1.0	U	20.0	20.0	16.2	18.9	
Chloromethane	1.0	U	20.0	20.0	22.4	22.4	
Vinyl chloride	1.0	U	20.0	20.0	19.3	19.2	
Bromomethane	1.0	U	20.0	20.0	18.9	19.4	
1,2-Dibromo-3-Chloropropane	1.0	U	20.0	20.0	17.6	17.9	
1,2-Dichlorobenzene	1.0	U	20.0	20.0	17.8	18.4	
Trichlorofluoromethane	1.0	U	20.0	20.0	19.7	20.5	
1,1-Dichloroethene	1.0	U	20.0	20.0	18.7	20.1	
1,2-Dichloropropane	1.0	U	20.0	20.0	19.4	19.8	
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	20.0	20.0	25.7	25.9	
Acetone	10	U	20.0	20.0	23.6	23.6	
Carbon disulfide	1.0	U	20.0	20.0	15.3	16.3	
Methyl acetate	2.0	U	20.0	20.0	18.0	21.5	
Methylene Chloride	1.0	U	20.0	20.0	19.8	20.3	
trans-1,2-Dichloroethene	1.0	U	20.0	20.0	18.9	19.3	
Chlorodibromomethane	1.0	U	20.0	20.0	15.9	15.8	F
Methyl tert-butyl ether	0.32	J	20.0	20.0	19.1	19.6	
Chloroethane	1.0	U	20.0	20.0	19.4	20.5	
1,1-Dichloroethane	1.0	U	20.0	20.0	20.4	21.4	
cis-1,2-Dichloroethene	1.0	U	20.0	20.0	19.1	19.7	
2-Butanone (MEK)	10	U	20.0	20.0	18.9	18.7	
Chloroform	1.0	U	20.0	20.0	20.5	21.1	
Ethylbenzene	1.0	U	20.0	20.0	19.9	19.5	
Cyclohexane	1.0	U	20.0	20.0	26.0	26.7	
Carbon tetrachloride	1.0	U	20.0	20.0	19.1	20.0	
Benzene	1.0	U	20.0	20.0	18.2	19.4	
1,2-Dichloroethane	1.0	U	20.0	20.0	19.5	21.3	
Trichloroethene	1.0	U	20.0	20.0	19.9	21.1	
Methylcyclohexane	1.0	U	20.0	20.0	23.4	24.0	
Dichlorobromomethane	1.0	U	20.0	20.0	18.7	19.1	
cis-1,3-Dichloropropene	1.0	U	20.0	20.0	15.6	15.8	F
4-Methyl-2-pentanone (MIBK)	10	U	20.0	20.0	19.0	19.1	
Toluene	1.0	U	20.0	20.0	18.3	19.5	
trans-1,3-Dichloropropene	1.0	U	20.0	20.0	15.5	15.7	
1,1,2-Trichloroethane	1.0	U	20.0	20.0	18.7	18.9	
Tetrachloroethene	1.0	U	20.0	20.0	19.8	20.9	
2-Hexanone	10	U	20.0	20.0	19.2	20.6	
1,2-Dibromoethane	1.0	U	20.0	20.0	17.9	18.6	
Chlorobenzene	1.0	U	20.0	20.0	19.1	20.7	
Styrene	1.0	U	20.0	20.0	12.8	13.7	F
Bromoform	1.0	U	20.0	20.0	14.6	15.4	
Isopropylbenzene	1.0	U	20.0	20.0	20.1	20.7	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/

Matrix Spike Duplicate Recovery Report - Batch: 460-92617

Method: 8260B

Preparation: 5030B

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/11/2011 0607
Prep Date: 11/11/2011 0607
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/11/2011 0633
Prep Date: 11/11/2011 0633
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
1,1,2,2-Tetrachloroethane	1.0	U	20.0	20.0	17.8	17.7
1,3-Dichlorobenzene	1.0	U	20.0	20.0	17.3	18.0
1,4-Dichlorobenzene	1.0	U	20.0	20.0	17.6	18.0
1,2,4-Trichlorobenzene	1.0	U	20.0	20.0	14.7	18.1

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-91853

Method: 8270C

Preparation: 3510C

Lab Sample ID: MB 460-91853/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/13/2011 0431
 Prep Date: 11/04/2011 0851
 Leach Date: N/A

Analysis Batch: 460-92827
 Prep Batch: 460-91853
 Leach Batch: N/A
 Units: ug/L

Instrument ID: BNAMS5
 Lab File ID: x19553.d
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 2 mL
 Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
1,1'-Biphenyl	10	U	2.8	10
Phenol	10	U	0.81	10
2,4,6-Trichlorophenol	10	U	2.4	10
Bis(2-chloroethyl)ether	1.0	U	0.28	1.0
2,4-Dichlorophenol	10	U	2.6	10
2-Chlorophenol	10	U	2.2	10
2,4-Dinitrotoluene	2.0	U	0.47	2.0
2,2'-oxybis[1-chloropropane]	10	U	2.0	10
Acetophenone	10	U	2.7	10
2-Methylnaphthalene	10	U	3.0	10
4-Methylphenol	10	U	1.6	10
2-Methylphenol	10	U	1.8	10
2-Nitroaniline	20	U	4.9	20
Hexachloroethane	1.0	U	0.25	1.0
Nitrobenzene	1.0	U	0.30	1.0
4-Chloro-3-methylphenol	10	U	2.5	10
Isophorone	10	U	2.7	10
2-Nitrophenol	10	U	2.4	10
4-Chlorophenyl phenyl ether	10	U	2.5	10
2,4-Dimethylphenol	10	U	3.4	10
4-Nitroaniline	20	U	5.8	20
4-Nitrophenol	30	U	6.7	30
Bis(2-chloroethoxy)methane	10	U	2.6	10
Atrazine	10	U	3.0	10
Naphthalene	10	U	2.7	10
Benzaldehyde	10	U	2.0	10
4-Chloroaniline	10	U	2.0	10
Benzo[a]pyrene	1.0	U	0.14	1.0
Hexachlorobutadiene	2.0	U	0.57	2.0
Benzo[k]fluoranthene	1.0	U	0.26	1.0
Caprolactam	10	U	2.5	10
Carbazole	10	U	3.2	10
Hexachlorocyclopentadiene	10	U	1.7	10
Dibenz(a,h)anthracene	1.0	U	0.090	1.0
2,4,5-Trichlorophenol	10	U	2.6	10
Dimethyl phthalate	10	U	2.8	10
2-Chloronaphthalene	10	U	2.7	10
Fluoranthene	10	U	3.2	10
Fluorene	10	U	2.8	10
2,6-Dinitrotoluene	2.0	U	0.61	2.0
Acenaphthylene	10	U	2.7	10
3-Nitroaniline	20	U	5.0	20
N-Nitrosodi-n-propylamine	1.0	U	0.25	1.0
Acenaphthene	10	U	2.7	10
2,4-Dinitrophenol	30	U	5.4	30

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-91853

Method: 8270C

Preparation: 3510C

Lab Sample ID: MB 460-91853/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 0431
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92827
Prep Batch: 460-91853
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x19553.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Result	Qual	MDL	RL
Dibenzofuran	10	U	2.8	10
Diethyl phthalate	10	U	2.9	10
4,6-Dinitro-2-methylphenol	30	U	4.7	30
N-Nitrosodiphenylamine	10	U	2.9	10
4-Bromophenyl phenyl ether	10	U	2.5	10
Hexachlorobenzene	1.0	U	0.29	1.0
Pentachlorophenol	30	U	5.3	30
Phenanthrene	10	U	3.1	10
Anthracene	10	U	2.8	10
Di-n-butyl phthalate	10	U	2.9	10
Pyrene	10	U	2.9	10
Butyl benzyl phthalate	10	U	2.5	10
3,3'-Dichlorobenzidine	20	U	4.9	20
Benzo[a]anthracene	1.0	U	0.27	1.0
Chrysene	10	U	3.1	10
Bis(2-ethylhexyl) phthalate	10	U	2.0	10
Di-n-octyl phthalate	10	U	1.5	10
Benzo[b]fluoranthene	1.0	U	0.26	1.0
Indeno[1,2,3-cd]pyrene	1.0	U	0.15	1.0
Benzo[g,h,i]perylene	10	U	2.0	10

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	97	46 - 122
2-Fluorobiphenyl	82	53 - 108
2-Fluorophenol (Surr)	53	10 - 65
Nitrobenzene-d5 (Surr)	93	56 - 112
Phenol-d5 (Surr)	33	10 - 48
Terphenyl-d14 (Surr)	100	50 - 122

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-91853

Method: 8270C

Preparation: 3510C

Lab Sample ID: LCS 460-91853/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 0408
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92827
Prep Batch: 460-91853
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x19552.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
1,1'-Biphenyl	100	79.8	80	66 - 112	
Phenol	100	29.2	29	12 - 44	
2,4,6-Trichlorophenol	100	84.5	84	67 - 111	
Bis(2-chloroethyl)ether	100	79.2	79	62 - 108	
2,4-Dichlorophenol	100	87.4	87	64 - 107	
2-Chlorophenol	100	83.2	83	53 - 101	
2,4-Dinitrotoluene	100	84.9	85	65 - 113	
2,2'-oxybis[1-chloropropane]	100	80.2	80	68 - 107	
Acetophenone	100	86.4	86	68 - 109	
2-Methylnaphthalene	100	77.8	78	66 - 102	
4-Methylphenol	100	57.4	57	30 - 75	
2-Methylphenol	100	68.1	68	40 - 90	
2-Nitroaniline	100	82.7	83	73 - 116	
Hexachloroethane	100	70.5	71	50 - 99	
Nitrobenzene	100	75.2	75	66 - 106	
4-Chloro-3-methylphenol	100	86.6	87	57 - 106	
Isophorone	100	79.1	79	68 - 108	
2-Nitrophenol	100	81.3	81	65 - 107	
4-Chlorophenyl phenyl ether	100	81.5	82	68 - 105	
2,4-Dimethylphenol	100	75.1	75	55 - 100	
4-Nitroaniline	100	116	116	49 - 119	
4-Nitrophenol	100	26.4	26	10 - 44	J
Bis(2-chloroethoxy)methane	100	81.4	81	69 - 108	
Atrazine	100	75.5	75	56 - 116	
Naphthalene	100	74.4	74	63 - 101	
Benzaldehyde	100	154	154	52 - 150	*
4-Chloroaniline	100	88.4	88	58 - 105	
Benzo[a]pyrene	100	78.2	78	58 - 101	
Hexachlorobutadiene	100	69.1	69	52 - 99	
Benzo[k]fluoranthene	100	87.0	87	66 - 114	
Caprolactam	100	20.4	20	10 - 30	
Carbazole	100	90.3	90	67 - 110	
Hexachlorocyclopentadiene	100	47.7	48	40 - 105	
Dibenz(a,h)anthracene	100	90.0	90	67 - 124	
2,4,5-Trichlorophenol	100	88.4	88	67 - 114	
Dimethyl phthalate	100	82.9	83	69 - 111	
2-Chloronaphthalene	100	77.7	78	65 - 107	
Fluoranthene	100	87.7	88	68 - 108	
Fluorene	100	81.2	81	68 - 105	
2,6-Dinitrotoluene	100	81.6	82	68 - 114	
Acenaphthylene	100	77.5	78	67 - 107	
3-Nitroaniline	100	106	106	59 - 108	
N-Nitrosodi-n-propylamine	100	83.4	83	70 - 109	
Acenaphthene	100	77.5	78	66 - 108	
2,4-Dinitrophenol	100	75.5	76	19 - 113	
Dibenzofuran	100	79.8	80	68 - 105	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-91853

Method: 8270C

Preparation: 3510C

Lab Sample ID: LCS 460-91853/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 0408
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92827
Prep Batch: 460-91853
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS5
Lab File ID: x19552.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Diethyl phthalate	100	87.3	87	66 - 109	
4,6-Dinitro-2-methylphenol	100	84.1	84	58 - 115	
N-Nitrosodiphenylamine	100	93.8	94	71 - 121	
4-Bromophenyl phenyl ether	100	81.5	82	66 - 110	
Hexachlorobenzene	100	81.3	81	65 - 107	
Pentachlorophenol	100	78.2	78	55 - 116	
Phenanthrene	100	84.9	85	68 - 110	
Anthracene	100	81.0	81	68 - 108	
Di-n-butyl phthalate	100	87.5	88	68 - 111	
Pyrene	100	78.5	79	61 - 110	
Butyl benzyl phthalate	100	80.8	81	66 - 115	
3,3'-Dichlorobenzidine	100	88.8	89	69 - 129	
Benzo[a]anthracene	100	80.3	80	65 - 106	
Chrysene	100	82.1	82	68 - 112	
Bis(2-ethylhexyl) phthalate	100	81.4	81	66 - 114	
Di-n-octyl phthalate	100	79.6	80	51 - 115	
Benzo[b]fluoranthene	100	78.2	78	65 - 111	
Indeno[1,2,3-cd]pyrene	100	80.3	80	68 - 121	
Benzo[g,h,i]perylene	100	83.4	83	65 - 134	

Surrogate	% Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	92	46 - 122
2-Fluorobiphenyl	80	53 - 108
2-Fluorophenol (Surr)	46	10 - 65
Nitrobenzene-d5 (Surr)	82	56 - 112
Phenol-d5 (Surr)	28	10 - 48
Terphenyl-d14 (Surr)	82	50 - 122

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-91853

Method: 8270C
Preparation: 3510C

MS Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 0454
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92827
Prep Batch: 460-91853
Leach Batch: N/A

Instrument ID: BNAMS5
Lab File ID: x19554.d
Initial Weight/Volume: 990 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 1904
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92952
Prep Batch: 460-91853
Leach Batch: N/A

Instrument ID: BNAMS5
Lab File ID: x19572.d
Initial Weight/Volume: 860 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
1,1'-Biphenyl	87	93	66 - 112	21	30		
Phenol	35	37	12 - 44	22	30		
2,4,6-Trichlorophenol	89	97	67 - 111	23	30		
Bis(2-chloroethyl)ether	83	90	62 - 108	21	30		
2,4-Dichlorophenol	90	97	64 - 107	21	30		
2-Chlorophenol	88	94	53 - 101	20	30		
2,4-Dinitrotoluene	91	97	65 - 113	21	30		
2,2'-oxybis[1-chloropropane]	84	88	68 - 107	18	30		
Acetophenone	89	94	68 - 109	20	30		
2-Methylnaphthalene	82	86	66 - 102	18	30		
4-Methylphenol	63	68	30 - 75	21	30		
2-Methylphenol	74	79	40 - 90	21	30		
2-Nitroaniline	84	95	73 - 116	26	30		
Hexachloroethane	77	77	50 - 99	15	30		
Nitrobenzene	80	84	66 - 106	19	30		
4-Chloro-3-methylphenol	87	92	57 - 106	19	30		
Isophorone	83	88	68 - 108	20	30		
2-Nitrophenol	87	93	65 - 107	21	30		
4-Chlorophenyl phenyl ether	87	93	68 - 105	20	30		
2,4-Dimethylphenol	84	91	55 - 100	23	30		
4-Nitroaniline	111	121	49 - 119	23	30		F
4-Nitrophenol	27	40	10 - 44	50	30	J	F
Bis(2-chloroethoxy)methane	86	92	69 - 108	20	30		
Atrazine	68	71	56 - 116	18	30		
Naphthalene	82	84	63 - 101	17	30		
Benzaldehyde	151	152	52 - 150	15	30	F	F
4-Chloroaniline	79	83	58 - 105	19	30		
Benzo[a]pyrene	86	93	58 - 101	22	30		
Hexachlorobutadiene	77	78	52 - 99	15	30		
Benzo[k]fluoranthene	90	89	66 - 114	13	30		
Caprolactam	21	23	10 - 30	23	30		
Carbazole	93	97	67 - 110	18	30		
Hexachlorocyclopentadiene	57	62	40 - 105	23	30		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-91853

Method: 8270C
Preparation: 3510C

MS Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 0454
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92827
Prep Batch: 460-91853
Leach Batch: N/A

Instrument ID: BNAMS5
Lab File ID: x19554.d
Initial Weight/Volume: 990 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 1904
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92952
Prep Batch: 460-91853
Leach Batch: N/A

Instrument ID: BNAMS5
Lab File ID: x19572.d
Initial Weight/Volume: 860 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
Dibenz(a,h)anthracene	99	94	67 - 124	9	30		
2,4,5-Trichlorophenol	84	101	67 - 114	31	30		F
Dimethyl phthalate	86	97	69 - 111	26	30		
2-Chloronaphthalene	85	89	65 - 107	19	30		
Fluoranthene	98	100	68 - 108	16	30		
Fluorene	86	92	68 - 105	20	30		
2,6-Dinitrotoluene	87	93	68 - 114	21	30		
Acenaphthylene	82	87	67 - 107	21	30		
3-Nitroaniline	97	100	59 - 108	17	30		
N-Nitrosodi-n-propylamine	86	92	70 - 109	21	30		
Acenaphthene	84	90	66 - 108	21	30		
2,4-Dinitrophenol	92	112	19 - 113	34	30		F
Dibenzofuran	85	91	68 - 105	21	30		
Diethyl phthalate	91	97	66 - 109	21	30		
4,6-Dinitro-2-methylphenol	98	110	58 - 115	26	30		
N-Nitrosodiphenylamine	99	104	71 - 121	19	30		
4-Bromophenyl phenyl ether	88	93	66 - 110	20	30		
Hexachlorobenzene	88	93	65 - 107	20	30		
Pentachlorophenol	98	106	55 - 116	22	30		
Phenanthrene	91	92	68 - 110	16	30		
Anthracene	87	92	68 - 108	20	30		
Di-n-butyl phthalate	96	100	68 - 111	17	30		
Pyrene	82	88	61 - 110	21	30		
Butyl benzyl phthalate	87	97	66 - 115	25	30		
3,3'-Dichlorobenzidine	64	78	69 - 129	33	30	F	F
Benzo[a]anthracene	89	94	65 - 106	20	30		
Chrysene	89	97	68 - 112	23	30		
Bis(2-ethylhexyl) phthalate	90	100	66 - 114	25	30		
Di-n-octyl phthalate	83	90	51 - 115	22	30		
Benzo[b]fluoranthene	88	93	65 - 111	19	30		
Indeno[1,2,3-cd]pyrene	84	98	68 - 121	29	30		
Benzo[g,h,i]perylene	92	97	65 - 134	20	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2,4,6-Tribromophenol (Surr)	91	99	46 - 122
2-Fluorobiphenyl	84	89	53 - 108
2-Fluorophenol (Surr)	50	55	10 - 65
Nitrobenzene-d5 (Surr)	84	87	56 - 112
Phenol-d5 (Surr)	32	33	10 - 48
Terphenyl-d14 (Surr)	81	85	50 - 122

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-91853

Method: 8270C
Preparation: 3510C

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 0454
Prep Date: 11/04/2011 0851
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 1904
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual	
1,1'-Biphenyl	10	U	101	116	87.5	108	
Phenol	10	U	101	116	34.9	43.5	
2,4,6-Trichlorophenol	10	U	101	116	89.6	113	
Bis(2-chloroethyl)ether	1.0	U	101	116	84.0	104	
2,4-Dichlorophenol	10	U	101	116	91.2	113	
2-Chlorophenol	10	U	101	116	89.1	109	
2,4-Dinitrotoluene	2.0	U	101	116	91.7	113	
2,2'-oxybis[1-chloropropane]	10	U	101	116	85.1	102	
Acetophenone	10	U	101	116	90.0	110	
2-Methylnaphthalene	10	U	101	116	83.2	99.5	
4-Methylphenol	10	U	101	116	63.7	78.7	
2-Methylphenol	10	U	101	116	75.0	92.4	
2-Nitroaniline	20	U	101	116	85.2	111	
Hexachloroethane	1.0	U	101	116	77.6	89.8	
Nitrobenzene	1.0	U	101	116	80.6	97.7	
4-Chloro-3-methylphenol	10	U	101	116	88.0	107	
Isophorone	10	U	101	116	83.9	102	
2-Nitrophenol	10	U	101	116	87.6	108	
4-Chlorophenyl phenyl ether	10	U	101	116	88.3	108	
2,4-Dimethylphenol	10	U	101	116	84.5	106	
4-Nitroaniline	20	U	101	116	112	141	F
4-Nitrophenol	30	U	101	116	27.8	46.3	F
Bis(2-chloroethoxy)methane	10	U	101	116	87.3	107	
Atrazine	10	U	101	116	68.6	82.4	
Naphthalene	10	U	101	116	82.8	98.1	
Benzaldehyde	10	U	101	116	153	177	F
4-Chloroaniline	10	U	101	116	79.9	96.8	
Benzo[a]pyrene	1.0	U	101	116	86.7	108	
Hexachlorobutadiene	2.0	U	101	116	77.9	90.2	
Benzo[k]fluoranthene	1.0	U	101	116	90.9	104	
Caprolactam	10	U	101	116	21.3	26.9	
Carbazole	10	U	101	116	94.0	113	
Hexachlorocyclopentadiene	10	U	101	116	57.7	72.3	
Dibenz(a,h)anthracene	1.0	U	101	116	99.9	109	
2,4,5-Trichlorophenol	10	U	101	116	85.3	117	F
Dimethyl phthalate	10	U	101	116	87.0	113	
2-Chloronaphthalene	10	U	101	116	85.5	103	
Fluoranthene	10	U	101	116	99.1	117	
Fluorene	10	U	101	116	87.4	107	
2,6-Dinitrotoluene	2.0	U	101	116	87.5	108	
Acenaphthylene	10	U	101	116	82.5	101	
3-Nitroaniline	20	U	101	116	97.5	116	
N-Nitrosodi-n-propylamine	1.0	U	101	116	86.6	107	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-91853**

**Method: 8270C
Preparation: 3510C**

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 0454
Prep Date: 11/04/2011 0851
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/13/2011 1904
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Acenaphthene	10	U	101	116	84.9	105
2,4-Dinitrophenol	30	U	101	116	92.6	131 F
Dibenzofuran	10	U	101	116	86.3	106
Diethyl phthalate	10	U	101	116	91.7	113
4,6-Dinitro-2-methylphenol	30	U	101	116	98.5	128
N-Nitrosodiphenylamine	10	U	101	116	99.8	121
4-Bromophenyl phenyl ether	10	U	101	116	88.4	108
Hexachlorobenzene	1.0	U	101	116	89.1	109
Pentachlorophenol	30	U	101	116	98.7	123
Phenanthrene	10	U	101	116	91.5	108
Anthracene	10	U	101	116	87.9	107
Di-n-butyl phthalate	10	U	101	116	97.5	116
Pyrene	10	U	101	116	83.3	102
Butyl benzyl phthalate	10	U	101	116	87.4	112
3,3'-Dichlorobenzidine	20	U	101	116	65.0 F	90.8 F
Benzo[a]anthracene	1.0	U	101	116	89.9	110
Chrysene	10	U	101	116	89.6	113
Bis(2-ethylhexyl) phthalate	10	U	101	116	90.6	116
Di-n-octyl phthalate	10	U	101	116	83.7	104
Benzo[b]fluoranthene	1.0	U	101	116	88.6	108
Indeno[1,2,3-cd]pyrene	1.0	U	101	116	85.1	114
Benzo[g,h,i]perylene	10	U	101	116	92.7	113

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-91853

Method: 8270C SIM Preparation: 3510C

Lab Sample ID: MB 460-91853/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/11/2011 1425
Prep Date: 11/04/2011 0851
Leach Date: N/A

Analysis Batch: 460-92907
Prep Batch: 460-91853
Leach Batch: N/A
Units: ug/L

Instrument ID: BNAMS9
Lab File ID: h98140.d
Initial Weight/Volume: 1000 mL
Final Weight/Volume: 2 mL
Injection Volume: 1 uL

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

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-91855

Method: 8081A
Preparation: 3510C

MS Lab Sample ID:	460-33168-1	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-91855	Lab File ID:	WF694928.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	800 mL
Analysis Date:	11/07/2011 0741			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 0909			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-33168-1	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-91855	Lab File ID:	WF694929.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	800 mL
Analysis Date:	11/07/2011 0755			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 0909			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	87	83	63 - 122	5	30		
beta-BHC	80	79	64 - 119	2	30		
delta-BHC	93	90	62 - 124	3	30		
gamma-BHC (Lindane)	85	82	59 - 121	4	30		
Heptachlor	85	82	61 - 118	3	30		
Aldrin	83	80	61 - 122	4	30		
Heptachlor epoxide	89	85	64 - 120	5	30		
Endosulfan I	91	86	64 - 123	5	30		
Dieldrin	92	88	62 - 112	5	30		
4,4'-DDE	88	85	66 - 132	4	30		
Endrin	95	91	42 - 138	5	30		
Endosulfan II	91	87	63 - 116	5	30		
4,4'-DDD	97	93	68 - 136	4	30		
Endosulfan sulfate	103	95	56 - 121	8	30		
4,4'-DDT	102	96	66 - 132	6	30		
Methoxychlor	110	100	56 - 125	9	30		
Endrin ketone	105	98	62 - 125	7	30		
Endrin aldehyde	93	87	56 - 119	6	30		
alpha-Chlordane	87	84	62 - 119	3	30		
gamma-Chlordane	88	84	63 - 120	4	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	54		51	37 - 144			
Tetrachloro-m-xylene	79		77	49 - 132			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike/ Matrix Spike Duplicate Recovery Report - Batch: 460-91855

Method: 8081A
Preparation: 3510C

MS Lab Sample ID:	460-33168-1	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-91855	Lab File ID:	WR694928.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	800 mL
Analysis Date:	11/07/2011 0741			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 0909			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-33168-1	Analysis Batch:	460-92101	Instrument ID:	PESTGC4
Client Matrix:	Water	Prep Batch:	460-91855	Lab File ID:	WR694929.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	800 mL
Analysis Date:	11/07/2011 0755			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 0909			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
alpha-BHC	82	78	63 - 122	6	30		
beta-BHC	79	77	64 - 119	3	30		
delta-BHC	91	87	62 - 124	4	30		
gamma-BHC (Lindane)	85	81	59 - 121	5	30		
Heptachlor	81	78	61 - 118	3	30		
Aldrin	81	79	61 - 122	3	30		
Heptachlor epoxide	82	80	64 - 120	3	30		
Endosulfan I	81	77	64 - 123	4	30		
Dieldrin	87	82	62 - 112	5	30		
4,4'-DDE	88	85	66 - 132	4	30		
Endrin	89	84	42 - 138	6	30		
Endosulfan II	84	81	63 - 116	4	30		
4,4'-DDD	89	86	68 - 136	3	30		
Endosulfan sulfate	85	82	56 - 121	4	30		
4,4'-DDT	87	83	66 - 132	4	30		
Methoxychlor	85	81	56 - 125	5	30		
Endrin ketone	89	85	62 - 125	4	30		
Endrin aldehyde	79	76	56 - 119	4	30		
alpha-Chlordane	81	79	62 - 119	2	30		
gamma-Chlordane	80	78	63 - 120	3	30		
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	47		46	37 - 144			
Tetrachloro-m-xylene	78		72	49 - 132			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-91855**

**Method: 8081A
Preparation: 3510C**

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/07/2011 0741
Prep Date: 11/04/2011 0909
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/07/2011 0755
Prep Date: 11/04/2011 0909
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	0.051	U	2.50	2.50	2.19	2.07
beta-BHC	0.051	U	2.50	2.50	2.01	1.97
delta-BHC	0.051	U	2.50	2.50	2.31	2.24
gamma-BHC (Lindane)	0.051	U	2.50	2.50	2.13	2.05
Heptachlor	0.051	U	2.50	2.50	2.12	2.06
Aldrin	0.051	U	2.50	2.50	2.08	1.99
Heptachlor epoxide	0.051	U	2.50	2.50	2.24	2.12
Endosulfan I	0.051	U	2.50	2.50	2.27	2.16
Dieldrin	0.051	U	2.50	2.50	2.30	2.19
4,4'-DDE	0.051	U	2.50	2.50	2.20	2.12
Endrin	0.051	U	2.50	2.50	2.38	2.28
Endosulfan II	0.051	U	2.50	2.50	2.29	2.18
4,4'-DDD	0.051	U	2.50	2.50	2.41	2.32
Endosulfan sulfate	0.051	U	2.50	2.50	2.57	2.38
4,4'-DDT	0.051	U	2.50	2.50	2.55	2.41
Methoxychlor	0.051	U	2.50	2.50	2.74	2.49
Endrin ketone	0.051	U	2.50	2.50	2.61	2.45
Endrin aldehyde	0.051	U	2.50	2.50	2.32	2.19
alpha-Chlordane	0.051	U	2.50	2.50	2.16	2.10
gamma-Chlordane	0.051	U	2.50	2.50	2.20	2.11

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-91855**

**Method: 8081A
Preparation: 3510C**

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/07/2011 0741
Prep Date: 11/04/2011 0909
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/07/2011 0755
Prep Date: 11/04/2011 0909
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
alpha-BHC	0.051	U	2.50	2.50	2.06	1.94
beta-BHC	0.051	U	2.50	2.50	1.98	1.93
delta-BHC	0.051	U	2.50	2.50	2.26	2.18
gamma-BHC (Lindane)	0.051	U	2.50	2.50	2.13	2.03
Heptachlor	0.051	U	2.50	2.50	2.03	1.96
Aldrin	0.051	U	2.50	2.50	2.03	1.97
Heptachlor epoxide	0.051	U	2.50	2.50	2.06	1.99
Endosulfan I	0.051	U	2.50	2.50	2.01	1.93
Dieldrin	0.051	U	2.50	2.50	2.17	2.06
4,4'-DDE	0.051	U	2.50	2.50	2.20	2.12
Endrin	0.051	U	2.50	2.50	2.23	2.10
Endosulfan II	0.051	U	2.50	2.50	2.11	2.03
4,4'-DDD	0.051	U	2.50	2.50	2.23	2.16
Endosulfan sulfate	0.051	U	2.50	2.50	2.13	2.05
4,4'-DDT	0.051	U	2.50	2.50	2.17	2.08
Methoxychlor	0.051	U	2.50	2.50	2.12	2.03
Endrin ketone	0.051	U	2.50	2.50	2.23	2.13
Endrin aldehyde	0.051	U	2.50	2.50	1.98	1.90
alpha-Chlordane	0.051	U	2.50	2.50	2.02	1.98
gamma-Chlordane	0.051	U	2.50	2.50	2.00	1.95

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-91916

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 460-91916/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/08/2011 1845
 Prep Date: 11/04/2011 1354
 Leach Date: N/A

Analysis Batch: 460-92311
 Prep Batch: 460-91916
 Leach Batch: N/A
 Units: ug/L

Instrument ID: PESTGC7
 Lab File ID: or179773.d
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 5 mL
 Injection Volume:
 Column ID: PRIMARY

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

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	80	37 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-91916

Method: 8082

Preparation: 3510C

Lab Sample ID:	LCS 460-91916/2-A	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-91916	Lab File ID:	or179774.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2011 1901	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 1354			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	2.40	48	71 - 126	*
PCB-1260	5.00	1.91	38	73 - 130	*
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	34	X	37 - 150		

Lab Control Sample - Batch: 460-91916

Method: 8082

Preparation: 3510C

Lab Sample ID:	LCS 460-91916/2-A	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-91916	Lab File ID:	of179774.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/08/2011 1901	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 1354			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
PCB-1016	5.00	1.86	37	71 - 126	*
PCB-1260	5.00	1.74	35	73 - 130	*
Surrogate	% Rec		Acceptance Limits		
DCB Decachlorobiphenyl	31	X	37 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-91916**

**Method: 8082
Preparation: 3510C**

MS Lab Sample ID:	460-33168-1	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-91916	Lab File ID:	or179776.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	800 mL
Analysis Date:	11/08/2011 1934			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 1354			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	460-33168-1	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-91916	Lab File ID:	or179777.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	760 mL
Analysis Date:	11/08/2011 1951			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 1354			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	35	34	71 - 126	3	30	F	F
PCB-1260	32	23	73 - 130	27	30	F	F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	25	X	17	X	37 - 150		

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-91916**

**Method: 8082
Preparation: 3510C**

MS Lab Sample ID:	460-33168-1	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-91916	Lab File ID:	of179776.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	800 mL
Analysis Date:	11/08/2011 1934			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 1354			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

MSD Lab Sample ID:	460-33168-1	Analysis Batch:	460-92311	Instrument ID:	PESTGC7
Client Matrix:	Water	Prep Batch:	460-91916	Lab File ID:	of179777.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	760 mL
Analysis Date:	11/08/2011 1951			Final Weight/Volume:	5 mL
Prep Date:	11/04/2011 1354			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	MS Qual	MSD Qual
	MS	MSD					
PCB-1016	30	24	71 - 126	17	30	F	F
PCB-1260	25	21	73 - 130	15	30	F	F
Surrogate	MS % Rec		MSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	25	X	16	X	37 - 150		

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-91916**

**Method: 8082
Preparation: 3510C**

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/08/2011 1934
Prep Date: 11/04/2011 1354
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/08/2011 1951
Prep Date: 11/04/2011 1354
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
PCB-1016	0.51	U	6.25	6.58	2.20	F	2.26	F
PCB-1260	0.51	U	6.25	6.58	1.98	F	1.51	F

**Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 460-91916**

**Method: 8082
Preparation: 3510C**

MS Lab Sample ID: 460-33168-1 Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/08/2011 1934
Prep Date: 11/04/2011 1354
Leach Date: N/A

MSD Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/08/2011 1951
Prep Date: 11/04/2011 1354
Leach Date: N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
PCB-1016	0.51	U	6.25	6.58	1.85	F	1.56	F
PCB-1260	0.51	U	6.25	6.58	1.58	F	1.36	F

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-92466

Method: 8082

Preparation: 3510C

Lab Sample ID: MB 460-92466/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/10/2011 1430
 Prep Date: 11/10/2011 0733
 Leach Date: N/A

Analysis Batch: 460-92579
 Prep Batch: 460-92466
 Leach Batch: N/A
 Units: ug/L

Instrument ID: PESTGC9
 Lab File ID: vr466972.d
 Initial Weight/Volume: 1000 mL
 Final Weight/Volume: 5 mL
 Injection Volume:
 Column ID: PRIMARY

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

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	91	37 - 150

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	87	37 - 150

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-92466**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-92466/2-A	Analysis Batch:	460-92579	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-92466	Lab File ID:	vf466973.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/10/2011 1446	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 0733			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

LCSD Lab Sample ID:	LCSD 460-92466/3-A	Analysis Batch:	460-92579	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-92466	Lab File ID:	vf466974.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/10/2011 1501	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 0733			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	111	108	71 - 126	3	30		
PCB-1260	112	106	73 - 130	6	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	123		115	37 - 150			

**Lab Control Sample/
Lab Control Sample Duplicate Recovery Report - Batch: 460-92466**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID:	LCS 460-92466/2-A	Analysis Batch:	460-92579	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-92466	Lab File ID:	vr466973.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/10/2011 1446	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 0733			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

LCSD Lab Sample ID:	LCSD 460-92466/3-A	Analysis Batch:	460-92579	Instrument ID:	PESTGC9
Client Matrix:	Water	Prep Batch:	460-92466	Lab File ID:	vr466974.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1000 mL
Analysis Date:	11/10/2011 1501	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/10/2011 0733			Injection Volume:	
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	% Rec.		Limit	RPD	RPD Limit	LCS Qual	LCSD Qual
	LCS	LCSD					
PCB-1016	103	100	71 - 126	4	30		
PCB-1260	110	105	73 - 130	4	30		
Surrogate	LCS % Rec		LCSD % Rec	Acceptance Limits			
DCB Decachlorobiphenyl	113		107	37 - 150			

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-92466**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-92466/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 1446
Prep Date: 11/10/2011 0733
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-92466/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 1501
Prep Date: 11/10/2011 0733
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.57	5.39
PCB-1260	5.00	5.00	5.59	5.29

**Laboratory Control/
Laboratory Duplicate Data Report - Batch: 460-92466**

**Method: 8082
Preparation: 3510C**

LCS Lab Sample ID: LCS 460-92466/2-A Units: ug/L
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 1446
Prep Date: 11/10/2011 0733
Leach Date: N/A

LCSD Lab Sample ID: LCSD 460-92466/3-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 1501
Prep Date: 11/10/2011 0733
Leach Date: N/A

Analyte	LCS Spike Amount	LCSD Spike Amount	LCS Result/Qual	LCSD Result/Qual
PCB-1016	5.00	5.00	5.17	4.98
PCB-1260	5.00	5.00	5.50	5.26

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-92202

Method: 6010B Preparation: 3010A

Lab Sample ID: MB 460-92202/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 0325
Prep Date: 11/08/2011 0953
Leach Date: N/A

Analysis Batch: 460-92470
Prep Batch: 460-92202
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 92064V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-92202

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-92202/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/10/2011 0331
 Prep Date: 11/08/2011 0953
 Leach Date: N/A

Analysis Batch: 460-92470
 Prep Batch: 460-92202
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP2
 Lab File ID: 92064V1
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	2024	101	80 - 120	
Antimony	500	500.6	100	80 - 120	
Arsenic	2000	1999	100	80 - 120	
Barium	2000	2057	103	80 - 120	
Beryllium	50.0	49.44	99	80 - 120	
Cadmium	50.0	50.76	102	80 - 120	
Calcium	20000	20310	102	80 - 120	
Chromium	200	203.4	102	80 - 120	
Cobalt	500	494.4	99	80 - 120	
Copper	250	246.8	99	80 - 120	
Iron	1000	1019	102	80 - 120	
Lead	500	496.3	99	80 - 120	
Magnesium	20000	19190	96	80 - 120	
Manganese	500	515.9	103	80 - 120	
Nickel	500	498.8	100	80 - 120	
Potassium	20000	20080	100	80 - 120	
Selenium	2000	1951	98	80 - 120	
Silver	50.0	50.50	101	80 - 120	
Sodium	20000	19370	97	80 - 120	
Thallium	2000	1975	99	80 - 120	
Vanadium	500	496.6	99	80 - 120	
Zinc	500	499.4	100	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike - Batch: 460-92202

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92470	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92202	Lab File ID:	92064V1
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 0356	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/08/2011 0953				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2113	106	75 - 125	
Antimony	10.0	U	500	507.0	101	75 - 125	
Arsenic	7.9		2000	2032	101	75 - 125	
Barium	557		2000	2642	104	75 - 125	
Beryllium	2.0	U	50.0	49.03	98	75 - 125	
Cadmium	5.0	U	50.0	49.88	100	75 - 125	
Calcium	36100		20000	55890	99	75 - 125	
Chromium	10.0	U	200	200.8	100	75 - 125	
Cobalt	50.0		500	544.1	99	75 - 125	
Copper	25.0	U	250	255.0	102	75 - 125	
Iron	42000		1000	42780	80	75 - 125	4
Lead	5.0	U	500	493.9	99	75 - 125	
Magnesium	60800		20000	81200	102	75 - 125	
Manganese	6390		500	6863	94	75 - 125	4
Nickel	6.5	J	500	503.0	99	75 - 125	
Potassium	6050		20000	28000	110	75 - 125	
Selenium	10.0	U	2000	1958	98	75 - 125	
Silver	10.0	U	50.0	52.13	104	75 - 125	
Sodium	175000		20000	195400	103	75 - 125	4
Thallium	10.0	U	2000	1985	99	75 - 125	
Vanadium	50.0	U	500	497.1	99	75 - 125	
Zinc	101		500	583.0	96	75 - 125	

Post Digestion Spike - Batch: 460-92202

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92470	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92202	Lab File ID:	92064V1
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 0402	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/08/2011 0953				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	2072	104	75 - 125	
Antimony	10.0	U	500	498.0	100	75 - 125	
Arsenic	7.9		2000	1992	99	75 - 125	
Barium	557		2000	2598	102	75 - 125	
Beryllium	2.0	U	50.0	47.96	96	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Post Digestion Spike - Batch: 460-92202

Method: 6010B

Preparation: 3010A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92470	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92202	Lab File ID:	92064V1
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 0402	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/08/2011 0953				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	5.0	U	50.0	49.16	98	75 - 125	
Calcium	36100		20000	55090	95	75 - 125	
Chromium	10.0	U	200	196.4	98	75 - 125	
Cobalt	50.0		500	532.0	96	75 - 125	
Copper	25.0	U	250	251.1	100	75 - 125	
Iron	42000		1000	42330	NC	75 - 125	
Lead	5.0	U	500	485.1	97	75 - 125	
Magnesium	60800		20000	80510	99	75 - 125	
Manganese	6390		500	6793	NC	75 - 125	
Nickel	6.5	J	500	493.2	97	75 - 125	
Potassium	6050		20000	27730	108	75 - 125	
Selenium	10.0	U	2000	1925	96	75 - 125	
Silver	10.0	U	50.0	42.05	84	75 - 125	
Sodium	175000		20000	194200	97	75 - 125	
Thallium	10.0	U	2000	1944	97	75 - 125	
Vanadium	50.0	U	500	488.0	98	75 - 125	
Zinc	101		500	573.0	94	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Duplicate - Batch: 460-92202

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92470	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92202	Lab File ID:	92064V1
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 0337	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/08/2011 0953				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	200	U	200	NC	20	U
Antimony	10.0	U	10.0	NC	20	U
Arsenic	7.9		7.82	1	20	
Barium	557		570.5	2	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	36100		36940	2	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	50.0		51.28	2	20	
Copper	25.0	U	25.0	NC	20	U
Iron	42000		42950	2	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	60800		62270	2	20	
Manganese	6390		6544	2	20	
Nickel	6.5	J	6.99	7	20	J
Potassium	6050		6212	3	20	
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	1.09	NC	20	J
Sodium	175000		178300	2	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	101		102.2	1	20	

Serial Dilution - Batch: 460-92202

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92470	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92202	Lab File ID:	92064V1
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 0350	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/08/2011 0953				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	200	U	1000	NC	10	U
Antimony	10.0	U	50.0	NC	10	U
Arsenic	7.9		25.0	NC	10	U
Barium	557		551.2	1.0	10	J
Beryllium	2.0	U	10.0	NC	10	U
Cadmium	5.0	U	25.0	NC	10	U
Calcium	36100		36560	1.2	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Serial Dilution - Batch: 460-92202

Method: 6010B
Preparation: 3010A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92470	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92202	Lab File ID:	92064V1
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/10/2011 0350	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/08/2011 0953				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	10.0	U	50.0	NC	10	U
Cobalt	50.0		51.85	NC	10	J
Copper	25.0	U	125	NC	10	U
Iron	42000		42230	0.61	10	
Lead	5.0	U	25.0	NC	10	U
Magnesium	60800		59710	1.7	10	
Manganese	6390		6558	2.6	10	
Nickel	6.5	J	200	NC	10	U
Potassium	6050		4885	NC	10	J
Selenium	10.0	U	50.0	NC	10	U
Silver	10.0	U	50.0	NC	10	U
Sodium	175000		175200	0.16	10	
Thallium	10.0	U	50.0	NC	10	U
Vanadium	50.0	U	250	NC	10	U
Zinc	101		105.1	NC	10	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-92389

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 460-92389/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/12/2011 0453
Prep Date: 11/09/2011 1242
Leach Date: N/A

Analysis Batch: 460-92781
Prep Batch: 460-92389
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 92341V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	25.0	U	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-92389

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-92389/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/12/2011 0500
 Prep Date: 11/09/2011 1242
 Leach Date: N/A

Analysis Batch: 460-92781
 Prep Batch: 460-92389
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP2
 Lab File ID: 92341V1
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1735	87	80 - 120	
Antimony	500	486.2	97	80 - 120	
Arsenic	2000	1971	99	80 - 120	
Barium	2000	1985	99	80 - 120	
Beryllium	50.0	49.56	99	80 - 120	
Cadmium	50.0	50.61	101	80 - 120	
Calcium	20000	20410	102	80 - 120	
Chromium	200	201.1	101	80 - 120	
Cobalt	500	492.2	98	80 - 120	
Copper	250	237.5	95	80 - 120	
Iron	1000	1003	100	80 - 120	
Lead	500	495.8	99	80 - 120	
Magnesium	20000	18440	92	80 - 120	
Manganese	500	509.4	102	80 - 120	
Nickel	500	495.8	99	80 - 120	
Potassium	20000	18950	95	80 - 120	
Selenium	2000	1914	96	80 - 120	
Silver	50.0	49.10	98	80 - 120	
Sodium	20000	18360	92	80 - 120	
Thallium	2000	1957	98	80 - 120	
Vanadium	500	489.0	98	80 - 120	
Zinc	500	501.2	100	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike - Batch: 460-92389

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92781	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0524	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	1923	96	75 - 125	
Antimony	10.0	U	500	534.5	107	75 - 125	
Arsenic	5.0	U	2000	2138	107	75 - 125	
Barium	491		2000	2635	107	75 - 125	
Beryllium	2.0	U	50.0	52.58	105	75 - 125	
Cadmium	5.0	U	50.0	52.85	106	75 - 125	
Calcium	38100		20000	60440	112	75 - 125	
Chromium	10.0	U	200	214.7	107	75 - 125	
Cobalt	50.4		500	579.1	106	75 - 125	
Copper	25.0	U	250	258.7	103	75 - 125	
Iron	19500		1000	20930	142	75 - 125	4
Lead	5.0	U	500	527.8	106	75 - 125	
Magnesium	62200		20000	84390	111	75 - 125	
Manganese	6510		500	7163	130	75 - 125	4
Nickel	7.5	J	500	537.3	106	75 - 125	
Potassium	5850		20000	27790	110	75 - 125	
Selenium	10.0	U	2000	2043	102	75 - 125	
Silver	10.0	U	50.0	53.89	108	75 - 125	
Sodium	170000		20000	193900	118	75 - 125	4
Thallium	10.0	U	2000	2078	104	75 - 125	
Vanadium	50.0	U	500	523.1	105	75 - 125	
Zinc	88.5		500	617.2	106	75 - 125	

Post Digestion Spike - Batch: 460-92389

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92781	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0530	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	200	U	2000	1845	92	75 - 125	
Antimony	10.0	U	500	509.3	102	75 - 125	
Arsenic	5.0	U	2000	2034	102	75 - 125	
Barium	491		2000	2527	102	75 - 125	
Beryllium	2.0	U	50.0	49.67	99	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Post Digestion Spike - Batch: 460-92389

Method: 6010B

Preparation: 3010A

Dissolved

Lab Sample ID: 460-33168-1

Analysis Batch: 460-92781

Instrument ID: ICP2

Client Matrix: Water

Prep Batch: 460-92389

Lab File ID: 92341V1

Dilution: 1.0

Leach Batch: N/A

Initial Weight/Volume: 100 mL

Analysis Date: 11/12/2011 0530

Units: ug/L

Final Weight/Volume: 100 mL

Prep Date: 11/09/2011 1242

Leach Date: N/A

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	5.0	U	50.0	50.61	101	75 - 125	
Calcium	38100		20000	56640	93	75 - 125	
Chromium	10.0	U	200	202.0	101	75 - 125	
Cobalt	50.4		500	548.9	100	75 - 125	
Copper	25.0	U	250	249.8	100	75 - 125	
Iron	19500		1000	19640	NC	75 - 125	
Lead	5.0	U	500	500.9	100	75 - 125	
Magnesium	62200		20000	80340	91	75 - 125	
Manganese	6510		500	6729	NC	75 - 125	
Nickel	7.5	J	500	508.7	100	75 - 125	
Potassium	5850		20000	26810	105	75 - 125	
Selenium	10.0	U	2000	1960	98	75 - 125	
Silver	10.0	U	50.0	58.36	117	75 - 125	
Sodium	170000		20000	186100	79	75 - 125	
Thallium	10.0	U	2000	1986	99	75 - 125	
Vanadium	50.0	U	500	496.5	99	75 - 125	
Zinc	88.5		500	579.0	98	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Duplicate - Batch: 460-92389

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92781	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0506	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	200	U	200	NC	20	U
Antimony	10.0	U	10.0	NC	20	U
Arsenic	5.0	U	5.0	NC	20	U
Barium	491		490.3	0.1	20	
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	38100		37680	1	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	50.4		50.05	0.7	20	
Copper	25.0	U	25.0	NC	20	U
Iron	19500		19290	1	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	62200		62050	0.3	20	
Manganese	6510		6467	0.7	20	
Nickel	7.5	J	7.15	5	20	J
Potassium	5850		5827	0.3	20	
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	10.0	NC	20	U
Sodium	170000		169400	0.5	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	88.5		87.80	0.8	20	

Serial Dilution - Batch: 460-92389

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92781	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0518	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	200	U	1000	NC	10	U
Antimony	10.0	U	50.0	NC	10	U
Arsenic	5.0	U	25.0	NC	10	U
Barium	491		482.7	1.6	10	J
Beryllium	2.0	U	10.0	NC	10	U
Cadmium	5.0	U	25.0	NC	10	U
Calcium	38100		38050	0.07	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Serial Dilution - Batch: 460-92389

Method: 6010B
Preparation: 3010A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92781	Instrument ID:	ICP2
Client Matrix:	Water	Prep Batch:	460-92389	Lab File ID:	92341V1
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	100 mL
Analysis Date:	11/12/2011 0518	Units:	ug/L	Final Weight/Volume:	100 mL
Prep Date:	11/09/2011 1242				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	10.0	U	50.0	NC	10	U
Cobalt	50.4		47.01	NC	10	J
Copper	25.0	U	125	NC	10	U
Iron	19500		19460	0.26	10	
Lead	5.0	U	25.0	NC	10	U
Magnesium	62200		60370	3.0	10	
Manganese	6510		6610	1.5	10	
Nickel	7.5	J	200	NC	10	U
Potassium	5850		4799	NC	10	J
Selenium	10.0	U	50.0	NC	10	U
Silver	10.0	U	50.0	NC	10	U
Sodium	170000		168000	1.4	10	
Thallium	10.0	U	50.0	NC	10	U
Vanadium	50.0	U	250	NC	10	U
Zinc	88.5		86.22	NC	10	J

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-92469

Method: 6010B

Preparation: 3010A

Lab Sample ID: MB 460-92469/1-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/10/2011 1438
 Prep Date: 11/10/2011 0821
 Leach Date: N/A

Analysis Batch: 460-92577
 Prep Batch: 460-92469
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP2
 Lab File ID: 92064V1
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Result	Qual	MDL	RL
Aluminum	200	U	87.0	200
Antimony	10.0	U	4.6	10.0
Arsenic	5.0	U	3.8	5.0
Barium	200	U	3.2	200
Beryllium	2.0	U	0.94	2.0
Cadmium	5.0	U	0.92	5.0
Calcium	5000	U	72.2	5000
Chromium	10.0	U	3.2	10.0
Cobalt	50.0	U	2.8	50.0
Copper	3.99	J	3.6	25.0
Iron	150	U	40.2	150
Lead	5.0	U	2.8	5.0
Magnesium	5000	U	56.9	5000
Manganese	15.0	U	2.5	15.0
Nickel	40.0	U	3.5	40.0
Potassium	5000	U	209	5000
Selenium	10.0	U	4.8	10.0
Silver	10.0	U	0.97	10.0
Sodium	5000	U	341	5000
Thallium	10.0	U	4.6	10.0
Vanadium	50.0	U	2.0	50.0
Zinc	30.0	U	5.8	30.0

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Control Sample - Batch: 460-92469

Method: 6010B

Preparation: 3010A

Lab Sample ID: LCS 460-92469/2-A
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/10/2011 1444
 Prep Date: 11/10/2011 0821
 Leach Date: N/A

Analysis Batch: 460-92577
 Prep Batch: 460-92469
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP2
 Lab File ID: 92064V1
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	2000	1993	100	80 - 120	
Antimony	500	492.8	99	80 - 120	
Arsenic	2000	1972	99	80 - 120	
Barium	2000	2005	100	80 - 120	
Beryllium	50.0	49.06	98	80 - 120	
Cadmium	50.0	51.74	103	80 - 120	
Calcium	20000	20240	101	80 - 120	
Chromium	200	203.6	102	80 - 120	
Cobalt	500	492.7	99	80 - 120	
Copper	250	252.1	101	80 - 120	
Iron	1000	998.7	100	80 - 120	
Lead	500	512.5	102	80 - 120	
Magnesium	20000	19260	96	80 - 120	
Manganese	500	522.7	105	80 - 120	
Nickel	500	505.2	101	80 - 120	
Potassium	20000	19180	96	80 - 120	
Selenium	2000	1952	98	80 - 120	
Silver	50.0	50.25	101	80 - 120	
Sodium	20000	18540	93	80 - 120	
Thallium	2000	1998	100	80 - 120	
Vanadium	500	503.2	101	80 - 120	
Zinc	500	509.4	102	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike - Batch: 460-92469

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-33202-E-3-B MS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 1508
Prep Date: 11/10/2011 0821
Leach Date: N/A

Analysis Batch: 460-92577
Prep Batch: 460-92469
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 92064V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	187	J	2000	2111	96	75 - 125	
Antimony	10.0	U	500	482.2	96	75 - 125	
Arsenic	4.1	J	2000	1928	96	75 - 125	
Barium	10.0	J	2000	1973	98	75 - 125	
Beryllium	2.0	U	50.0	47.54	95	75 - 125	
Cadmium	5.0	U	50.0	49.87	100	75 - 125	
Calcium	68900		20000	89640	104	75 - 125	
Chromium	10.0	U	200	196.3	98	75 - 125	
Cobalt	50.0	U	500	477.9	96	75 - 125	
Copper	25.0	U	250	245.3	98	75 - 125	
Iron	632		1000	1620	99	75 - 125	
Lead	5.0	U	500	492.6	99	75 - 125	
Magnesium	8670		20000	27870	96	75 - 125	
Manganese	322		500	835.5	103	75 - 125	
Nickel	40.0	U	500	489.5	98	75 - 125	
Potassium	4930	J	20000	24200	96	75 - 125	
Selenium	10.0	U	2000	1882	94	75 - 125	
Silver	10.0	U	50.0	49.42	99	75 - 125	
Sodium	7300		20000	25810	93	75 - 125	
Thallium	10.0	U	2000	1922	96	75 - 125	
Vanadium	50.0	U	500	487.2	97	75 - 125	
Zinc	6.5	J	500	492.2	97	75 - 125	

Post Digestion Spike - Batch: 460-92469

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-33202-F-3-A PDS
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 1514
Prep Date: 11/10/2011 0821
Leach Date: N/A

Analysis Batch: 460-92577
Prep Batch: 460-92469
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 92064V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	187	J	2000	2187	100	75 - 125	
Antimony	10.0	U	500	480.6	96	75 - 125	
Arsenic	4.1	J	2000	1946	97	75 - 125	
Barium	10.0	J	2000	2011	100	75 - 125	
Beryllium	2.0	U	50.0	48.39	97	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Post Digestion Spike - Batch: 460-92469

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-33202-F-3-A PDS
 Client Matrix: Water
 Dilution: 1.0
 Analysis Date: 11/10/2011 1514
 Prep Date: 11/10/2011 0821
 Leach Date: N/A

Analysis Batch: 460-92577
 Prep Batch: 460-92469
 Leach Batch: N/A
 Units: ug/L

Instrument ID: ICP2
 Lab File ID: 92064V1
 Initial Weight/Volume: 100 mL
 Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Cadmium	5.0	U	50.0	50.58	101	75 - 125	
Calcium	68900		20000	89560	103	75 - 125	
Chromium	10.0	U	200	199.9	100	75 - 125	
Cobalt	50.0	U	500	486.3	97	75 - 125	
Copper	25.0	U	250	251.0	100	75 - 125	
Iron	632		1000	1634	100	75 - 125	
Lead	5.0	U	500	500.2	100	75 - 125	
Magnesium	8670		20000	28170	97	75 - 125	
Manganese	322		500	842.4	104	75 - 125	
Nickel	40.0	U	500	498.6	100	75 - 125	
Potassium	4930	J	20000	24580	98	75 - 125	
Selenium	10.0	U	2000	1917	96	75 - 125	
Silver	10.0	U	50.0	49.98	100	75 - 125	
Sodium	7300		20000	26080	94	75 - 125	
Thallium	10.0	U	2000	1958	98	75 - 125	
Vanadium	50.0	U	500	496.2	99	75 - 125	
Zinc	6.5	J	500	501.3	99	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Duplicate - Batch: 460-92469

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-33202-A-3-A DU
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/10/2011 1450
Prep Date: 11/10/2011 0821
Leach Date: N/A

Analysis Batch: 460-92577
Prep Batch: 460-92469
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 92064V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	187	J	195.0	4	20	J
Antimony	10.0	U	10.0	NC	20	U
Arsenic	4.1	J	5.0	NC	20	U
Barium	10.0	J	10.39	4	20	J
Beryllium	2.0	U	2.0	NC	20	U
Cadmium	5.0	U	5.0	NC	20	U
Calcium	68900		71510	4	20	
Chromium	10.0	U	10.0	NC	20	U
Cobalt	50.0	U	50.0	NC	20	U
Copper	25.0	U	25.0	NC	20	U
Iron	632		660.6	4	20	
Lead	5.0	U	5.0	NC	20	U
Magnesium	8670		9011	4	20	
Manganese	322		334.7	4	20	
Nickel	40.0	U	40.0	NC	20	U
Potassium	4930	J	5124	4	20	
Selenium	10.0	U	10.0	NC	20	U
Silver	10.0	U	10.0	NC	20	U
Sodium	7300		7556	3	20	
Thallium	10.0	U	10.0	NC	20	U
Vanadium	50.0	U	50.0	NC	20	U
Zinc	6.5	J	6.59	2	20	J

Serial Dilution - Batch: 460-92469

Method: 6010B

Preparation: 3010A

Lab Sample ID: 460-33202-F-3-A SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 11/10/2011 1502
Prep Date: 11/10/2011 0821
Leach Date: N/A

Analysis Batch: 460-92577
Prep Batch: 460-92469
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 92064V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Aluminum	187	J	1000	NC	10	U
Antimony	10.0	U	50.0	NC	10	U
Arsenic	4.1	J	25.0	NC	10	U
Barium	10.0	J	1000	NC	10	U
Beryllium	2.0	U	10.0	NC	10	U
Cadmium	5.0	U	25.0	NC	10	U
Calcium	68900		70080	1.7	10	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Serial Dilution - Batch: 460-92469

Method: 6010B
Preparation: 3010A

Lab Sample ID: 460-33202-F-3-A SD ^5
Client Matrix: Water
Dilution: 5.0
Analysis Date: 11/10/2011 1502
Prep Date: 11/10/2011 0821
Leach Date: N/A

Analysis Batch: 460-92577
Prep Batch: 460-92469
Leach Batch: N/A
Units: ug/L

Instrument ID: ICP2
Lab File ID: 92064V1
Initial Weight/Volume: 100 mL
Final Weight/Volume: 100 mL

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Chromium	10.0	U	50.0	NC	10	U
Cobalt	50.0	U	250	NC	10	U
Copper	25.0	U	125	NC	10	U
Iron	632		635.8	NC	10	J
Lead	5.0	U	25.0	NC	10	U
Magnesium	8670		8570	1.2	10	J
Manganese	322		322.1	0.04	10	
Nickel	40.0	U	200	NC	10	U
Potassium	4930	J	3992	NC	10	J
Selenium	10.0	U	50.0	NC	10	U
Silver	10.0	U	50.0	NC	10	U
Sodium	7300		7196	NC	10	J
Thallium	10.0	U	50.0	NC	10	U
Vanadium	50.0	U	250	NC	10	U
Zinc	6.5	J	150	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-91875

Method: 7470A
Preparation: 7470A

Lab Sample ID: MB 460-91875/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/04/2011 1312
Prep Date: 11/04/2011 1113
Leach Date: N/A

Analysis Batch: 460-91931
Prep Batch: 460-91875
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 91875hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.19	0.20

Lab Control Sample - Batch: 460-91875

Method: 7470A
Preparation: 7470A

Lab Sample ID: LCS 460-91875/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/04/2011 1315
Prep Date: 11/04/2011 1113
Leach Date: N/A

Analysis Batch: 460-91931
Prep Batch: 460-91875
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 91875hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.971	97	80 - 120	

Matrix Spike - Batch: 460-91875

Method: 7470A
Preparation: 7470A

Lab Sample ID: 460-33168-1
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/04/2011 1320
Prep Date: 11/04/2011 1113
Leach Date: N/A

Analysis Batch: 460-91931
Prep Batch: 460-91875
Leach Batch: N/A
Units: ug/L

Instrument ID: LEEMAN3
Lab File ID: 91875hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20 U	1.00	1.01	101	75 - 125	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Duplicate - Batch: 460-91875

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-91931	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-91875	Lab File ID:	91875hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	11/04/2011 1318	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	11/04/2011 1113				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Mercury	0.20	U	0.20	NC	20	U

Serial Dilution - Batch: 460-91875

Method: 7470A
Preparation: 7470A

Lab Sample ID:	460-33168-1	Analysis Batch:	460-91931	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-91875	Lab File ID:	91875hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	11/04/2011 1405	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	11/04/2011 1113				
Leach Date:	N/A				

Analyte	Sample Result/Qual		Result	%Diff	Limit	Qual
Mercury	0.20	U	1.0	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Method Blank - Batch: 460-92358

Lab Sample ID: MB 460-92358/1-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/09/2011 1234
Prep Date: 11/09/2011 1015
Leach Date: N/A

Analysis Batch: 460-92393
Prep Batch: 460-92358
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A

Instrument ID: LEEMAN3
Lab File ID: 92342hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.19	0.20

Method Blank - Batch: 460-92358

Lab Sample ID: MB 460-92345/1-B
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/09/2011 1238
Prep Date: 11/09/2011 1015
Leach Date: N/A

Analysis Batch: 460-92393
Prep Batch: 460-92358
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A Dissolved

Instrument ID: LEEMAN3
Lab File ID: 92342hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Result	Qual	MDL	RL
Mercury	0.20	U	0.19	0.20

Lab Control Sample - Batch: 460-92358

Lab Sample ID: LCS 460-92358/2-A
Client Matrix: Water
Dilution: 1.0
Analysis Date: 11/09/2011 1236
Prep Date: 11/09/2011 1015
Leach Date: N/A

Analysis Batch: 460-92393
Prep Batch: 460-92358
Leach Batch: N/A
Units: ug/L

Method: 7470A Preparation: 7470A

Instrument ID: LEEMAN3
Lab File ID: 92342hg1.PRN
Initial Weight/Volume: 30 mL
Final Weight/Volume: 30 mL

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	1.00	0.972	97	80 - 120	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Matrix Spike - Batch: 460-92358

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92393	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-92358	Lab File ID:	92342hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	11/09/2011 1243	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	11/09/2011 1015				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Spike Amount	Result	% Rec.	Limit	Qual
Mercury	0.20 U	1.00	1.03	103	75 - 125	

Duplicate - Batch: 460-92358

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92393	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-92358	Lab File ID:	92342hg1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	11/09/2011 1241	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	11/09/2011 1015				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Mercury	0.20 U	0.20	NC	20	U

Serial Dilution - Batch: 460-92358

Method: 7470A
Preparation: 7470A
Dissolved

Lab Sample ID:	460-33168-1	Analysis Batch:	460-92393	Instrument ID:	LEEMAN3
Client Matrix:	Water	Prep Batch:	460-92358	Lab File ID:	92342hg1.PRN
Dilution:	5.0	Leach Batch:	N/A	Initial Weight/Volume:	30 mL
Analysis Date:	11/09/2011 1321	Units:	ug/L	Final Weight/Volume:	30 mL
Prep Date:	11/09/2011 1015				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	%Diff	Limit	Qual
Mercury	0.20 U	1.0	NC	10	U

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

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

DATA REPORTING QUALIFIERS

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Lab Section	Qualifier	Description
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.
	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: 460-33168-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Prep Batch: 460-91855					
LCS 460-91855/2-A	Lab Control Sample				
MB 460-91855/1-A	Method Blank				
Analysis Batch:460-92101					
LCS 460-91855/2-A	Lab Control Sample				460-91855
MB 460-91855/1-A	Method Blank				460-91855

Report Basis

GC/MS VOA

Analysis Batch:460-92617					
LCS 460-92617/3	Lab Control Sample	T	Water	8260B	
MB 460-92617/4	Method Blank	T	Water	8260B	
460-33168-1	GW-17338-110211-MW28-12	T	Water	8260B	
460-33168-1MS	Matrix Spike	T	Water	8260B	
460-33168-1MSD	Matrix Spike Duplicate	T	Water	8260B	
460-33168-2FB	FB-17338-110211-13	T	Water	8260B	
460-33168-3	GW-17338-110211-MW105-14	T	Water	8260B	
460-33168-4	GW-17338-110211-MW32-15	T	Water	8260B	

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 460-91853					
LCS 460-91853/2-A	Lab Control Sample	T	Water	3510C	
MB 460-91853/1-A	Method Blank	T	Water	3510C	
460-33168-1	GW-17338-110211-MW28-12	T	Water	3510C	
460-33168-1MS	Matrix Spike	T	Water	3510C	
460-33168-1MSD	Matrix Spike Duplicate	T	Water	3510C	
460-33168-2FB	FB-17338-110211-13	T	Water	3510C	
460-33168-3	GW-17338-110211-MW105-14	T	Water	3510C	
Analysis Batch: 460-92827					
LCS 460-91853/2-A	Lab Control Sample	T	Water	8270C	460-91853
MB 460-91853/1-A	Method Blank	T	Water	8270C	460-91853
460-33168-1	GW-17338-110211-MW28-12	T	Water	8270C	460-91853
460-33168-1MS	Matrix Spike	T	Water	8270C	460-91853
460-33168-3	GW-17338-110211-MW105-14	T	Water	8270C	460-91853
Analysis Batch: 460-92907					
MB 460-91853/1-A	Method Blank	T	Water	8270C SIM	460-91853
Analysis Batch: 460-92908					
460-33168-1	GW-17338-110211-MW28-12	T	Water	8270C SIM	460-91853
460-33168-2FB	FB-17338-110211-13	T	Water	8270C SIM	460-91853
460-33168-3	GW-17338-110211-MW105-14	T	Water	8270C SIM	460-91853
Analysis Batch: 460-92952					
460-33168-1MSD	Matrix Spike Duplicate	T	Water	8270C	460-91853
460-33168-2FB	FB-17338-110211-13	T	Water	8270C	460-91853

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 460-91855					
460-33168-1	GW-17338-110211-MW28-12	T	Water	3510C	
460-33168-1MS	Matrix Spike	T	Water	3510C	
460-33168-1MSD	Matrix Spike Duplicate	T	Water	3510C	
460-33168-2FB	FB-17338-110211-13	T	Water	3510C	
460-33168-3	GW-17338-110211-MW105-14	T	Water	3510C	
Prep Batch: 460-91916					
LCS 460-91916/2-A	Lab Control Sample	T	Water	3510C	
MB 460-91916/1-A	Method Blank	T	Water	3510C	
460-33168-1	GW-17338-110211-MW28-12	T	Water	3510C	
460-33168-1MS	Matrix Spike	T	Water	3510C	
460-33168-1MSD	Matrix Spike Duplicate	T	Water	3510C	
460-33168-2FB	FB-17338-110211-13	T	Water	3510C	
460-33168-3	GW-17338-110211-MW105-14	T	Water	3510C	
Analysis Batch:460-92101					
460-33168-1	GW-17338-110211-MW28-12	T	Water	8081A	460-91855
460-33168-1MS	Matrix Spike	T	Water	8081A	460-91855
460-33168-1MSD	Matrix Spike Duplicate	T	Water	8081A	460-91855
460-33168-2FB	FB-17338-110211-13	T	Water	8081A	460-91855
460-33168-3	GW-17338-110211-MW105-14	T	Water	8081A	460-91855
Analysis Batch:460-92311					
LCS 460-91916/2-A	Lab Control Sample	T	Water	8082	460-91916
MB 460-91916/1-A	Method Blank	T	Water	8082	460-91916
460-33168-1	GW-17338-110211-MW28-12	T	Water	8082	460-91916
460-33168-1MS	Matrix Spike	T	Water	8082	460-91916
460-33168-1MSD	Matrix Spike Duplicate	T	Water	8082	460-91916
460-33168-2FB	FB-17338-110211-13	T	Water	8082	460-91916
460-33168-3	GW-17338-110211-MW105-14	T	Water	8082	460-91916
Prep Batch: 460-92466					
LCS 460-92466/2-A	Lab Control Sample	T	Water	3510C	
LCSD 460-92466/3-A	Lab Control Sample Duplicate	T	Water	3510C	
MB 460-92466/1-A	Method Blank	T	Water	3510C	
460-33168-1	GW-17338-110211-MW28-12	T	Water	3510C	
460-33168-2FB	FB-17338-110211-13	T	Water	3510C	
460-33168-3	GW-17338-110211-MW105-14	T	Water	3510C	
Analysis Batch:460-92579					
LCS 460-92466/2-A	Lab Control Sample	T	Water	8082	460-92466
LCSD 460-92466/3-A	Lab Control Sample Duplicate	T	Water	8082	460-92466
MB 460-92466/1-A	Method Blank	T	Water	8082	460-92466

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Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:460-92863					
460-33168-1	GW-17338-110211-MW28-12	T	Water	8082	460-92466
460-33168-2FB	FB-17338-110211-13	T	Water	8082	460-92466
460-33168-3	GW-17338-110211-MW105-14	T	Water	8082	460-92466

Report Basis

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-91875					
LCS 460-91875/2-A	Lab Control Sample	T	Water	7470A	
MB 460-91875/1-A	Method Blank	T	Water	7470A	
460-33168-1	GW-17338-110211-MW28-12	T	Water	7470A	
460-33168-1DU	Duplicate	T	Water	7470A	
460-33168-1MS	Matrix Spike	T	Water	7470A	
460-33168-2FB	FB-17338-110211-13	T	Water	7470A	
460-33168-3	GW-17338-110211-MW105-14	T	Water	7470A	
460-33168-4	GW-17338-110211-MW32-15	T	Water	7470A	
Analysis Batch: 460-91931					
LCS 460-91875/2-A	Lab Control Sample	T	Water	7470A	460-91875
MB 460-91875/1-A	Method Blank	T	Water	7470A	460-91875
460-33168-1	GW-17338-110211-MW28-12	T	Water	7470A	460-91875
460-33168-1DU	Duplicate	T	Water	7470A	460-91875
460-33168-1MS	Matrix Spike	T	Water	7470A	460-91875
460-33168-2FB	FB-17338-110211-13	T	Water	7470A	460-91875
460-33168-3	GW-17338-110211-MW105-14	T	Water	7470A	460-91875
460-33168-4	GW-17338-110211-MW32-15	T	Water	7470A	460-91875
Prep Batch: 460-92202					
LCS 460-92202/2-A	Lab Control Sample	T	Water	3010A	
MB 460-92202/1-A	Method Blank	T	Water	3010A	
460-33168-1	GW-17338-110211-MW28-12	T	Water	3010A	
460-33168-1DU	Duplicate	T	Water	3010A	
460-33168-1MS	Matrix Spike	T	Water	3010A	
Prep Batch: 460-92358					
LCS 460-92358/2-A	Lab Control Sample	T	Water	7470A	
MB 460-92345/1-B	Method Blank	D	Water	7470A	
MB 460-92358/1-A	Method Blank	T	Water	7470A	
460-33168-1	GW-17338-110211-MW28-12	D	Water	7470A	
460-33168-1DU	Duplicate	D	Water	7470A	
460-33168-1MS	Matrix Spike	D	Water	7470A	
460-33168-2FB	FB-17338-110211-13	D	Water	7470A	
460-33168-3	GW-17338-110211-MW105-14	D	Water	7470A	
460-33168-4	GW-17338-110211-MW32-15	D	Water	7470A	

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 460-92389					
LCS 460-92389/2-A	Lab Control Sample	T	Water	3010A	
MB 460-92389/1-A	Method Blank	T	Water	3010A	
460-33168-1	GW-17338-110211-MW28-12	D	Water	3010A	
460-33168-1DU	Duplicate	D	Water	3010A	
460-33168-1MS	Matrix Spike	D	Water	3010A	
460-33168-2FB	FB-17338-110211-13	D	Water	3010A	
460-33168-3	GW-17338-110211-MW105-14	D	Water	3010A	
460-33168-4	GW-17338-110211-MW32-15	D	Water	3010A	
Analysis Batch:460-92393					
LCS 460-92358/2-A	Lab Control Sample	T	Water	7470A	460-92358
MB 460-92345/1-B	Method Blank	D	Water	7470A	460-92358
MB 460-92358/1-A	Method Blank	T	Water	7470A	460-92358
460-33168-1	GW-17338-110211-MW28-12	D	Water	7470A	460-92358
460-33168-1DU	Duplicate	D	Water	7470A	460-92358
460-33168-1MS	Matrix Spike	D	Water	7470A	460-92358
460-33168-2FB	FB-17338-110211-13	D	Water	7470A	460-92358
460-33168-3	GW-17338-110211-MW105-14	D	Water	7470A	460-92358
460-33168-4	GW-17338-110211-MW32-15	D	Water	7470A	460-92358
Prep Batch: 460-92469					
LCS 460-92469/2-A	Lab Control Sample	T	Water	3010A	
MB 460-92469/1-A	Method Blank	T	Water	3010A	
460-33168-2FB	FB-17338-110211-13	T	Water	3010A	
460-33168-3	GW-17338-110211-MW105-14	T	Water	3010A	
460-33168-4	GW-17338-110211-MW32-15	T	Water	3010A	
460-33202-A-3-A DU	Duplicate	T	Water	3010A	
460-33202-E-3-B MS	Matrix Spike	T	Water	3010A	
Analysis Batch:460-92470					
LCS 460-92202/2-A	Lab Control Sample	T	Water	6010B	460-92202
MB 460-92202/1-A	Method Blank	T	Water	6010B	460-92202
460-33168-1	GW-17338-110211-MW28-12	T	Water	6010B	460-92202
460-33168-1DU	Duplicate	T	Water	6010B	460-92202
460-33168-1MS	Matrix Spike	T	Water	6010B	460-92202
Analysis Batch:460-92577					
LCS 460-92469/2-A	Lab Control Sample	T	Water	6010B	460-92469
MB 460-92469/1-A	Method Blank	T	Water	6010B	460-92469
460-33168-2FB	FB-17338-110211-13	T	Water	6010B	460-92469
460-33168-3	GW-17338-110211-MW105-14	T	Water	6010B	460-92469
460-33168-4	GW-17338-110211-MW32-15	T	Water	6010B	460-92469
460-33202-A-3-A DU	Duplicate	T	Water	6010B	460-92469
460-33202-E-3-B MS	Matrix Spike	T	Water	6010B	460-92469

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Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:460-92781					
LCS 460-92389/2-A	Lab Control Sample	T	Water	6010B	460-92389
MB 460-92389/1-A	Method Blank	T	Water	6010B	460-92389
460-33168-1	GW-17338-110211-MW28-12	D	Water	6010B	460-92389
460-33168-1DU	Duplicate	D	Water	6010B	460-92389
460-33168-1MS	Matrix Spike	D	Water	6010B	460-92389
460-33168-2FB	FB-17338-110211-13	D	Water	6010B	460-92389
460-33168-3	GW-17338-110211-MW105-14	D	Water	6010B	460-92389
460-33168-4	GW-17338-110211-MW32-15	D	Water	6010B	460-92389

Report Basis

D = Dissolved

T = Total

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: 460-33168-1

Client ID: GW-17338-110211-MW28-12

Sample Date/Time: 11/02/2011 10:00

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-33168-A-1		460-92617		11/11/2011 02:31	1	TAL EDI	EM
A:8260B	460-33168-A-1		460-92617		11/11/2011 02:31	1	TAL EDI	EM
P:3510C	460-33168-I-1-B		460-92827	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C	460-33168-I-1-B		460-92827	460-91853	11/13/2011 05:41	1	TAL EDI	CZ
P:3510C	460-33168-I-1-B		460-92908	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C SIM	460-33168-I-1-B		460-92908	460-91853	11/13/2011 18:59	1	TAL EDI	CZ
P:3510C	460-33168-F-1-C		460-92101	460-91855	11/04/2011 09:09	1	TAL EDI	HW
A:8081A	460-33168-F-1-C		460-92101	460-91855	11/07/2011 08:09	1	TAL EDI	FM
P:3510C	460-33168-F-1-D		460-92311	460-91916	11/04/2011 13:54	1	TAL EDI	HW
A:8082	460-33168-F-1-D		460-92311	460-91916	11/08/2011 19:18	1	TAL EDI	SD
P:3510C	460-33168-G-1-C		460-92863	460-92466	11/10/2011 07:33	1	TAL EDI	HW
A:8082	460-33168-G-1-C		460-92863	460-92466	11/10/2011 16:49	1	TAL EDI	SD
P:3010A	460-33168-E-1-C		460-92470	460-92202	11/08/2011 09:53	1	TAL EDI	QY
A:6010B	460-33168-E-1-C		460-92470	460-92202	11/10/2011 03:44	1	TAL EDI	CDC
P:3010A	460-33168-D-1-G		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	460-33168-D-1-G		460-92781	460-92389	11/12/2011 05:12	1	TAL EDI	CDC
P:7470A	460-33168-E-1-A		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	460-33168-E-1-A		460-91931	460-91875	11/04/2011 13:17	1	TAL EDI	RBS
P:7470A	460-33168-D-1-C		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	460-33168-D-1-C		460-92393	460-92358	11/09/2011 12:39	1	TAL EDI	RBS

Lab ID: 460-33168-1

Client ID: GW-17338-110211-MW28-12

Sample Date/Time: 11/02/2011 10:00

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-33168-A-1 MS		460-92617		11/11/2011 06:07	1	TAL EDI	EM
A:8260B	460-33168-A-1 MS		460-92617		11/11/2011 06:07	1	TAL EDI	EM
P:3510C	460-33168-I-1-A MS		460-92827	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C	460-33168-I-1-A MS		460-92827	460-91853	11/13/2011 04:54	1	TAL EDI	CZ
P:3510C	460-33168-F-1-A MS		460-92101	460-91855	11/04/2011 09:09	1	TAL EDI	HW
A:8081A	460-33168-F-1-A MS		460-92101	460-91855	11/07/2011 07:41	1	TAL EDI	FM
P:3510C	460-33168-G-1-A MS		460-92311	460-91916	11/04/2011 13:54	1	TAL EDI	HW
A:8082	460-33168-G-1-A MS		460-92311	460-91916	11/08/2011 19:34	1	TAL EDI	SD
P:3010A	460-33168-E-1-D MS		460-92470	460-92202	11/08/2011 09:53	1	TAL EDI	QY
A:6010B	460-33168-E-1-D MS		460-92470	460-92202	11/10/2011 03:56	1	TAL EDI	CDC
P:3010A	460-33168-D-1-H MS		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	460-33168-D-1-H MS		460-92781	460-92389	11/12/2011 05:24	1	TAL EDI	CDC
P:7470A	460-33168-E-1-B MS		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	460-33168-E-1-B MS		460-91931	460-91875	11/04/2011 13:20	1	TAL EDI	RBS
P:7470A	460-33168-D-1-D MS		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	460-33168-D-1-D MS		460-92393	460-92358	11/09/2011 12:43	1	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: 460-33168-1

Client ID: GW-17338-110211-MW28-12

Sample Date/Time: 11/02/2011 10:00

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-33168-A-1 MSD		460-92617		11/11/2011 06:33	1	TAL EDI	EM
A:8260B	460-33168-A-1 MSD		460-92617		11/11/2011 06:33	1	TAL EDI	EM
P:3510C	460-33168-H-1-A MSD		460-92952	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C	460-33168-H-1-A MSD		460-92952	460-91853	11/13/2011 19:04	1	TAL EDI	MC
P:3510C	460-33168-F-1-B MSD		460-92101	460-91855	11/04/2011 09:09	1	TAL EDI	HW
A:8081A	460-33168-F-1-B MSD		460-92101	460-91855	11/07/2011 07:55	1	TAL EDI	FM
P:3510C	460-33168-G-1-B MSD		460-92311	460-91916	11/04/2011 13:54	1	TAL EDI	HW
A:8082	460-33168-G-1-B MSD		460-92311	460-91916	11/08/2011 19:51	1	TAL EDI	SD

Lab ID: 460-33168-1

Client ID: GW-17338-110211-MW28-12

Sample Date/Time: 11/02/2011 10:00

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-33168-B-1-B DU		460-92470	460-92202	11/08/2011 09:53	1	TAL EDI	QY
A:6010B	460-33168-B-1-B DU		460-92470	460-92202	11/10/2011 03:37	1	TAL EDI	CDC
P:3010A	460-33168-A-1-D DU		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	460-33168-A-1-D DU		460-92781	460-92389	11/12/2011 05:06	1	TAL EDI	CDC
P:7470A	460-33168-B-1-A DU		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	460-33168-B-1-A DU		460-91931	460-91875	11/04/2011 13:18	1	TAL EDI	RBS
P:7470A	460-33168-A-1-B DU		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	460-33168-A-1-B DU		460-92393	460-92358	11/09/2011 12:41	1	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: 460-33168-1 SD

Client ID: GW-17338-110211-MW28-12

Sample Date/Time: 11/02/2011 10:00

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-33168-E-1-C SD ^5		460-92470	460-92202	11/08/2011 09:53	5	TAL EDI	QY
A:6010B	460-33168-E-1-C SD ^5		460-92470	460-92202	11/10/2011 03:50	5	TAL EDI	CDC
P:3010A	460-33168-E-1-C PDS		460-92470	460-92202	11/08/2011 09:53	1	TAL EDI	QY
A:6010B	460-33168-E-1-C PDS		460-92470	460-92202	11/10/2011 04:02	1	TAL EDI	CDC
P:3010A	460-33168-D-1-G SD ^5		460-92781	460-92389	11/09/2011 12:42	5	TAL EDI	QY
A:6010B	460-33168-D-1-G SD ^5		460-92781	460-92389	11/12/2011 05:18	5	TAL EDI	CDC
P:3010A	460-33168-D-1-G PDS		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	460-33168-D-1-G PDS		460-92781	460-92389	11/12/2011 05:30	1	TAL EDI	CDC
P:7470A	460-33168-E-1-A SD ^5		460-91931	460-91875	11/04/2011 11:13	5	TAL EDI	RBS
A:7470A	460-33168-E-1-A SD ^5		460-91931	460-91875	11/04/2011 14:05	5	TAL EDI	RBS
P:7470A	460-33168-D-1-C SD ^5		460-92393	460-92358	11/09/2011 10:15	5	TAL EDI	RBS
A:7470A	460-33168-D-1-C SD ^5		460-92393	460-92358	11/09/2011 13:21	5	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: 460-33168-2

Client ID: FB-17338-110211-13

Sample Date/Time: 11/02/2011 11:30

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-33168-A-2		460-92617		11/11/2011 00:01	1	TAL EDI	EM
A:8260B	460-33168-A-2		460-92617		11/11/2011 00:01	1	TAL EDI	EM
P:3510C	460-33168-I-2-A		460-92952	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C	460-33168-I-2-A		460-92952	460-91853	11/13/2011 19:27	1	TAL EDI	MC
P:3510C	460-33168-I-2-A		460-92908	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C SIM	460-33168-I-2-A		460-92908	460-91853	11/13/2011 19:25	1	TAL EDI	CZ
P:3510C	460-33168-F-2-A		460-92101	460-91855	11/04/2011 09:09	1	TAL EDI	HW
A:8081A	460-33168-F-2-A		460-92101	460-91855	11/07/2011 08:23	1	TAL EDI	FM
P:3510C	460-33168-F-2-B		460-92311	460-91916	11/04/2011 13:54	1	TAL EDI	HW
A:8082	460-33168-F-2-B		460-92311	460-91916	11/08/2011 20:08	1	TAL EDI	SD
P:3510C	460-33168-H-2-A		460-92863	460-92466	11/10/2011 07:33	1	TAL EDI	HW
A:8082	460-33168-H-2-A		460-92863	460-92466	11/10/2011 17:04	1	TAL EDI	SD
P:3010A	460-33168-E-2-B		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	460-33168-E-2-B		460-92577	460-92469	11/10/2011 18:45	1	TAL EDI	CDC
P:3010A	460-33168-D-2-D		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	460-33168-D-2-D		460-92781	460-92389	11/12/2011 06:44	1	TAL EDI	CDC
P:7470A	460-33168-E-2-A		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	460-33168-E-2-A		460-91931	460-91875	11/04/2011 13:51	1	TAL EDI	RBS
P:7470A	460-33168-D-2-B		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	460-33168-D-2-B		460-92393	460-92358	11/09/2011 13:07	1	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: 460-33168-3

Client ID: GW-17338-110211-MW105-14

Sample Date/Time: 11/02/2011 12:15

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-33168-A-3		460-92617		11/11/2011 02:56	1	TAL EDI	EM
A:8260B	460-33168-A-3		460-92617		11/11/2011 02:56	1	TAL EDI	EM
P:3510C	460-33168-H-3-A		460-92827	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C	460-33168-H-3-A		460-92827	460-91853	11/13/2011 06:28	1	TAL EDI	CZ
P:3510C	460-33168-H-3-A		460-92908	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C SIM	460-33168-H-3-A		460-92908	460-91853	11/13/2011 19:52	1	TAL EDI	CZ
P:3510C	460-33168-G-3-A		460-92101	460-91855	11/04/2011 09:09	1	TAL EDI	HW
A:8081A	460-33168-G-3-A		460-92101	460-91855	11/07/2011 08:37	1	TAL EDI	FM
P:3510C	460-33168-G-3-B		460-92311	460-91916	11/04/2011 13:54	1	TAL EDI	HW
A:8082	460-33168-G-3-B		460-92311	460-91916	11/08/2011 20:23	1	TAL EDI	SD
P:3510C	460-33168-I-3-A		460-92863	460-92466	11/10/2011 07:33	1	TAL EDI	HW
A:8082	460-33168-I-3-A		460-92863	460-92466	11/10/2011 17:20	1	TAL EDI	SD
P:3010A	460-33168-E-3-B		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	460-33168-E-3-B		460-92577	460-92469	11/10/2011 18:51	1	TAL EDI	CDC
P:3010A	460-33168-D-3-D		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	460-33168-D-3-D		460-92781	460-92389	11/12/2011 06:50	1	TAL EDI	CDC
P:7470A	460-33168-E-3-A		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	460-33168-E-3-A		460-91931	460-91875	11/04/2011 13:53	1	TAL EDI	RBS
P:7470A	460-33168-D-3-B		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	460-33168-D-3-B		460-92393	460-92358	11/09/2011 13:09	1	TAL EDI	RBS

Lab ID: 460-33168-4

Client ID: GW-17338-110211-MW32-15

Sample Date/Time: 11/02/2011 14:30

Received Date/Time: 11/02/2011 18:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	460-33168-A-4		460-92617		11/11/2011 03:21	1	TAL EDI	EM
A:8260B	460-33168-A-4		460-92617		11/11/2011 03:21	1	TAL EDI	EM
P:3010A	460-33168-E-4-B		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	460-33168-E-4-B		460-92577	460-92469	11/10/2011 18:57	1	TAL EDI	CDC
P:3010A	460-33168-D-4-D		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	460-33168-D-4-D		460-92781	460-92389	11/12/2011 06:57	1	TAL EDI	CDC
P:7470A	460-33168-E-4-A		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	460-33168-E-4-A		460-91931	460-91875	11/04/2011 13:55	1	TAL EDI	RBS
P:7470A	460-33168-D-4-B		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	460-33168-D-4-B		460-92393	460-92358	11/09/2011 13:11	1	TAL EDI	RBS

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: MB

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 460-92617/4		460-92617		11/10/2011 23:07	1	TAL EDI	EM
A:8260B	MB 460-92617/4		460-92617		11/10/2011 23:07	1	TAL EDI	EM
P:3510C	MB 460-91853/1-A		460-92827	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C	MB 460-91853/1-A		460-92827	460-91853	11/13/2011 04:31	1	TAL EDI	CZ
P:3510C	MB 460-91853/1-A		460-92907	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C SIM	MB 460-91853/1-A		460-92907	460-91853	11/11/2011 14:25	1	TAL EDI	CZ
P:3510C	MB 460-91916/1-A		460-92311	460-91916	11/04/2011 13:54	1	TAL EDI	HW
A:8082	MB 460-91916/1-A		460-92311	460-91916	11/08/2011 18:45	1	TAL EDI	SD
P:3510C	MB 460-92466/1-A		460-92579	460-92466	11/10/2011 07:33	1	TAL EDI	HW
A:8082	MB 460-92466/1-A		460-92579	460-92466	11/10/2011 14:30	1	TAL EDI	SD
P:3010A	MB 460-92202/1-A		460-92470	460-92202	11/08/2011 09:53	1	TAL EDI	QY
A:6010B	MB 460-92202/1-A		460-92470	460-92202	11/10/2011 03:25	1	TAL EDI	CDC
P:3010A	MB 460-92469/1-A		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	MB 460-92469/1-A		460-92577	460-92469	11/10/2011 14:38	1	TAL EDI	CDC
P:3010A	MB 460-92389/1-A		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	MB 460-92389/1-A		460-92781	460-92389	11/12/2011 04:53	1	TAL EDI	CDC
P:7470A	MB 460-91875/1-A		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	MB 460-91875/1-A		460-91931	460-91875	11/04/2011 13:12	1	TAL EDI	RBS
P:7470A	MB 460-92358/1-A		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	MB 460-92358/1-A		460-92393	460-92358	11/09/2011 12:34	1	TAL EDI	RBS
P:7470A	MB 460-92345/1-B		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	MB 460-92345/1-B		460-92393	460-92358	11/09/2011 12:38	1	TAL EDI	RBS
	MB 460-91855/1-A		460-92101	460-91855	11/07/2011 09:37	1	TAL EDI	FM

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: LCS

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 460-92617/3		460-92617		11/10/2011 22:03	1	TAL EDI	EM
A:8260B	LCS 460-92617/3		460-92617		11/10/2011 22:03	1	TAL EDI	EM
P:3510C	LCS 460-91853/2-A		460-92827	460-91853	11/04/2011 08:51	1	TAL EDI	HW
A:8270C	LCS 460-91853/2-A		460-92827	460-91853	11/13/2011 04:08	1	TAL EDI	CZ
P:3510C	LCS 460-91916/2-A		460-92311	460-91916	11/04/2011 13:54	1	TAL EDI	HW
A:8082	LCS 460-91916/2-A		460-92311	460-91916	11/08/2011 19:01	1	TAL EDI	SD
P:3510C	LCS 460-92466/2-A		460-92579	460-92466	11/10/2011 07:33	1	TAL EDI	HW
A:8082	LCS 460-92466/2-A		460-92579	460-92466	11/10/2011 14:46	1	TAL EDI	SD
P:3010A	LCS 460-92202/2-A		460-92470	460-92202	11/08/2011 09:53	1	TAL EDI	QY
A:6010B	LCS 460-92202/2-A		460-92470	460-92202	11/10/2011 03:31	1	TAL EDI	CDC
P:3010A	LCS 460-92469/2-A		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	LCS 460-92469/2-A		460-92577	460-92469	11/10/2011 14:44	1	TAL EDI	CDC
P:3010A	LCS 460-92389/2-A		460-92781	460-92389	11/09/2011 12:42	1	TAL EDI	QY
A:6010B	LCS 460-92389/2-A		460-92781	460-92389	11/12/2011 05:00	1	TAL EDI	CDC
P:7470A	LCS 460-91875/2-A		460-91931	460-91875	11/04/2011 11:13	1	TAL EDI	RBS
A:7470A	LCS 460-91875/2-A		460-91931	460-91875	11/04/2011 13:15	1	TAL EDI	RBS
P:7470A	LCS 460-92358/2-A		460-92393	460-92358	11/09/2011 10:15	1	TAL EDI	RBS
A:7470A	LCS 460-92358/2-A		460-92393	460-92358	11/09/2011 12:36	1	TAL EDI	RBS
	LCS 460-91855/2-A		460-92101	460-91855	11/07/2011 07:27	1	TAL EDI	FM

Lab ID: LCSD

Client ID: N/A

Sample Date/Time: N/A

Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3510C	LCSD 460-92466/3-A		460-92579	460-92466	11/10/2011 07:33	1	TAL EDI	HW
A:8082	LCSD 460-92466/3-A		460-92579	460-92466	11/10/2011 15:01	1	TAL EDI	SD

Lab ID: MS

Client ID: N/A

Sample Date/Time: 11/03/2011 08:20

Received Date/Time: 11/03/2011 12:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-33202-E-3-B MS		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	460-33202-E-3-B MS		460-92577	460-92469	11/10/2011 15:08	1	TAL EDI	CDC

Lab ID: DU

Client ID: N/A

Sample Date/Time: 11/03/2011 08:20

Received Date/Time: 11/03/2011 12:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-33202-A-3-A DU		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	460-33202-A-3-A DU		460-92577	460-92469	11/10/2011 14:50	1	TAL EDI	CDC

Quality Control Results

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Laboratory Chronicle

Lab ID: SD

Client ID: N/A

Sample Date/Time: 11/03/2011 08:20

Received Date/Time: 11/03/2011 12:50

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3010A	460-33202-F-3-A SD ^5		460-92577	460-92469	11/10/2011 08:21	5	TAL EDI	QY
A:6010B	460-33202-F-3-A SD ^5		460-92577	460-92469	11/10/2011 15:02	5	TAL EDI	CDC
P:3010A	460-33202-F-3-A PDS		460-92577	460-92469	11/10/2011 08:21	1	TAL EDI	QY
A:6010B	460-33202-F-3-A PDS		460-92577	460-92469	11/10/2011 15:14	1	TAL EDI	CDC

Lab References:

TAL EDI = TestAmerica Edison

Method 8260 DEL

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

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #
GW-17338-110211-MW 28-12	460-33168-1	105	94	94
FB-17338-110211-13	460-33168-2	100	90	92
GW-17338-110211-MW 105-14	460-33168-3	105	98	98
GW-17338-110211-MW 32-15	460-33168-4	94	90	89
	MB 460-92617/4	107	96	100
	LCS 460-92617/3	100	95	101
GW-17338-110211-MW 28-12 MS	460-33168-1 MS	112	98	97
GW-17338-110211-MW 28-12 MSD	460-33168-1 MSD	109	99	96

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

QC LIMITS
 70-122
 69-125
 69-135

Column to be used to flag recovery values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: j05417.d
 Lab ID: LCS 460-92617/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	19.4	97	74-128	
Dichlorodifluoromethane	20.0	19.3	97	46-145	
Chloromethane	20.0	23.6	118	58-146	
Vinyl chloride	20.0	21.6	108	61-144	
Bromomethane	20.0	19.1	96	55-153	
1,2-Dibromo-3-Chloropropane	20.0	20.4	102	70-116	
1,2-Dichlorobenzene	20.0	19.7	98	82-122	
Trichlorofluoromethane	20.0	20.4	102	69-147	
1,1-Dichloroethene	20.0	20.7	103	56-139	
1,2-Dichloropropane	20.0	19.1	96	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	24.5	123	47-139	
Acetone	20.0	20.3	102	45-156	
Carbon disulfide	20.0	22.3	112	58-139	
Methyl acetate	20.0	26.0	130	50-151	
Methylene Chloride	20.0	19.6	98	79-119	
trans-1,2-Dichloroethene	20.0	19.6	98	75-122	
Chlorodibromomethane	20.0	19.1	96	80-120	
Methyl tert-butyl ether	20.0	19.2	96	71-115	
Chloroethane	20.0	20.1	101	69-145	
1,1-Dichloroethane	20.0	21.1	105	78-122	
cis-1,2-Dichloroethene	20.0	20.2	101	80-120	
2-Butanone (MEK)	20.0	17.6	88	65-114	
Chloroform	20.0	20.5	102	82-123	
Ethylbenzene	20.0	20.1	100	79-126	
Cyclohexane	20.0	23.5	118	58-133	
Carbon tetrachloride	20.0	21.0	105	73-120	
Benzene	20.0	19.6	98	83-124	
1,2-Dichloroethane	20.0	20.4	102	74-118	
Trichloroethene	20.0	20.4	102	78-119	
Methylcyclohexane	20.0	22.9	115	61-129	
Dichlorobromomethane	20.0	20.7	104	79-119	
cis-1,3-Dichloropropene	20.0	19.4	97	80-120	
4-Methyl-2-pentanone (MIBK)	20.0	19.0	95	53-120	
Toluene	20.0	20.5	102	80-120	
trans-1,3-Dichloropropene	20.0	20.0	100	78-118	
1,1,2-Trichloroethane	20.0	19.5	98	79-119	
Tetrachloroethene	20.0	19.6	98	68-139	
2-Hexanone	20.0	18.4	92	53-121	
1,2-Dibromoethane	20.0	19.3	96	78-118	
Chlorobenzene	20.0	20.2	101	81-121	
Styrene	20.0	19.2	96	69-112	

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.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: j05417.d
Lab ID: LCS 460-92617/3 Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
Bromoform	20.0	19.9	100	73-123	
Isopropylbenzene	20.0	20.0	100	80-125	
1,1,2,2-Tetrachloroethane	20.0	18.9	94	74-126	
1,3-Dichlorobenzene	20.0	18.6	93	81-126	
1,4-Dichlorobenzene	20.0	18.7	94	83-123	
1,2,4-Trichlorobenzene	20.0	22.1	110	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: j05435.d
Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1,1-Trichloroethane	20.0	1.0 U	19.7	98	74-128	
Dichlorodifluoromethane	20.0	1.0 U	16.2	81	46-145	
Chloromethane	20.0	1.0 U	22.4	112	58-146	
Vinyl chloride	20.0	1.0 U	19.3	97	61-144	
Bromomethane	20.0	1.0 U	18.9	95	55-153	
1,2-Dibromo-3-Chloropropane	20.0	1.0 U	17.6	88	70-116	
1,2-Dichlorobenzene	20.0	1.0 U	17.8	89	82-122	
Trichlorofluoromethane	20.0	1.0 U	19.7	98	69-147	
1,1-Dichloroethene	20.0	1.0 U	18.7	93	56-139	
1,2-Dichloropropane	20.0	1.0 U	19.4	97	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	1.0 U	25.7	129	47-139	
Acetone	20.0	10 U	23.6	118	45-156	
Carbon disulfide	20.0	1.0 U	15.3	76	58-139	
Methyl acetate	20.0	2.0 U	18.0	90	50-151	
Methylene Chloride	20.0	1.0 U	19.8	99	79-119	
trans-1,2-Dichloroethene	20.0	1.0 U	18.9	95	75-122	
Chlorodibromomethane	20.0	1.0 U	15.9	80	80-120	
Methyl tert-butyl ether	20.0	0.32 J	19.1	94	71-115	
Chloroethane	20.0	1.0 U	19.4	97	69-145	
1,1-Dichloroethane	20.0	1.0 U	20.4	102	78-122	
cis-1,2-Dichloroethene	20.0	1.0 U	19.1	96	80-120	
2-Butanone (MEK)	20.0	10 U	18.9	94	65-114	
Chloroform	20.0	1.0 U	20.5	102	82-123	
Ethylbenzene	20.0	1.0 U	19.9	100	79-126	
Cyclohexane	20.0	1.0 U	26.0	130	58-133	
Carbon tetrachloride	20.0	1.0 U	19.1	95	73-120	
Benzene	20.0	1.0 U	18.2	91	83-124	
1,2-Dichloroethane	20.0	1.0 U	19.5	98	74-118	
Trichloroethene	20.0	1.0 U	19.9	100	78-119	
Methylcyclohexane	20.0	1.0 U	23.4	117	61-129	
Dichlorobromomethane	20.0	1.0 U	18.7	93	79-119	
cis-1,3-Dichloropropene	20.0	1.0 U	15.6	78	80-120	F
4-Methyl-2-pentanone (MIBK)	20.0	10 U	19.0	95	53-120	
Toluene	20.0	1.0 U	18.3	92	80-120	
trans-1,3-Dichloropropene	20.0	1.0 U	15.5	78	78-118	
1,1,2-Trichloroethane	20.0	1.0 U	18.7	93	79-119	
Tetrachloroethene	20.0	1.0 U	19.8	99	68-139	
2-Hexanone	20.0	10 U	19.2	96	53-121	
1,2-Dibromoethane	20.0	1.0 U	17.9	89	78-118	
Chlorobenzene	20.0	1.0 U	19.1	96	81-121	
Styrene	20.0	1.0 U	12.8	64	69-112	F

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: j05435.d
Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
Bromoform	20.0	1.0 U	14.6	73	73-123	
Isopropylbenzene	20.0	1.0 U	20.1	100	80-125	
1,1,2,2-Tetrachloroethane	20.0	1.0 U	17.8	89	74-126	
1,3-Dichlorobenzene	20.0	1.0 U	17.3	87	81-126	
1,4-Dichlorobenzene	20.0	1.0 U	17.6	88	83-123	
1,2,4-Trichlorobenzene	20.0	1.0 U	14.7	74	66-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: j05436.d
 Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1-Trichloroethane	20.0	20.4	102	4	30	74-128	
Dichlorodifluoromethane	20.0	18.9	95	16	30	46-145	
Chloromethane	20.0	22.4	112	0	30	58-146	
Vinyl chloride	20.0	19.2	96	1	30	61-144	
Bromomethane	20.0	19.4	97	3	30	55-153	
1,2-Dibromo-3-Chloropropane	20.0	17.9	90	2	30	70-116	
1,2-Dichlorobenzene	20.0	18.4	92	3	30	82-122	
Trichlorofluoromethane	20.0	20.5	103	4	30	69-147	
1,1-Dichloroethene	20.0	20.1	100	7	30	56-139	
1,2-Dichloropropane	20.0	19.8	99	2	30	80-120	
1,1,2-Trichloro-1,2,2-trifluor oethane	20.0	25.9	130	1	30	47-139	
Acetone	20.0	23.6	118	0	30	45-156	
Carbon disulfide	20.0	16.3	81	7	30	58-139	
Methyl acetate	20.0	21.5	107	17	30	50-151	
Methylene Chloride	20.0	20.3	102	3	30	79-119	
trans-1,2-Dichloroethene	20.0	19.3	96	2	30	75-122	
Chlorodibromomethane	20.0	15.8	79	1	30	80-120	F
Methyl tert-butyl ether	20.0	19.6	96	3	30	71-115	
Chloroethane	20.0	20.5	103	6	30	69-145	
1,1-Dichloroethane	20.0	21.4	107	5	30	78-122	
cis-1,2-Dichloroethene	20.0	19.7	98	3	30	80-120	
2-Butanone (MEK)	20.0	18.7	93	1	30	65-114	
Chloroform	20.0	21.1	105	3	30	82-123	
Ethylbenzene	20.0	19.5	97	2	30	79-126	
Cyclohexane	20.0	26.7	133	3	30	58-133	
Carbon tetrachloride	20.0	20.0	100	5	30	73-120	
Benzene	20.0	19.4	97	7	30	83-124	
1,2-Dichloroethane	20.0	21.3	107	9	30	74-118	
Trichloroethene	20.0	21.1	105	6	30	78-119	
Methylcyclohexane	20.0	24.0	120	2	30	61-129	
Dichlorobromomethane	20.0	19.1	96	2	30	79-119	
cis-1,3-Dichloropropene	20.0	15.8	79	1	30	80-120	F
4-Methyl-2-pentanone (MIBK)	20.0	19.1	96	0	30	53-120	
Toluene	20.0	19.5	98	6	30	80-120	
trans-1,3-Dichloropropene	20.0	15.7	79	1	30	78-118	
1,1,2-Trichloroethane	20.0	18.9	95	1	30	79-119	
Tetrachloroethene	20.0	20.9	104	6	30	68-139	
2-Hexanone	20.0	20.6	103	7	30	53-121	
1,2-Dibromoethane	20.0	18.6	93	4	30	78-118	
Chlorobenzene	20.0	20.7	104	8	30	81-121	
Styrene	20.0	13.7	69	7	30	69-112	

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.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: j05436.d
 Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Bromoform	20.0	15.4	77	5	30	73-123	
Isopropylbenzene	20.0	20.7	103	3	30	80-125	
1,1,2,2-Tetrachloroethane	20.0	17.7	89	0	30	74-126	
1,3-Dichlorobenzene	20.0	18.0	90	4	30	81-126	
1,4-Dichlorobenzene	20.0	18.0	90	2	30	83-123	
1,2,4-Trichlorobenzene	20.0	18.1	90	20	30	66-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: j05419.d Lab Sample ID: MB 460-92617/4
Matrix: Water Heated Purge: (Y/N) N
Instrument ID: VOAMS8 Date Analyzed: 11/10/2011 23:07
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 460-92617/3	j05417.d	11/10/2011 22:03
FB-17338-110211-13	460-33168-2	j05421.d	11/11/2011 00:01
GW-17338-110211-MW28-12	460-33168-1	j05427.d	11/11/2011 02:31
GW-17338-110211-MW105-14	460-33168-3	j05428.d	11/11/2011 02:56
GW-17338-110211-MW32-15	460-33168-4	j05429.d	11/11/2011 03:21
GW-17338-110211-MW28-12 MS	460-33168-1 MS	j05435.d	11/11/2011 06:07
GW-17338-110211-MW28-12 MSD	460-33168-1 MSD	j05436.d	11/11/2011 06:33

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab File ID: j04488.d BFB Injection Date: 10/12/2011
 Instrument ID: VOAMS8 BFB Injection Time: 01:08
 Analysis Batch No.: 89267

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.9
75	30.0 - 60.0 % of mass 95	44.8
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	5.7
173	Less than 2.0 % of mass 174	0.2 (0.3) 1
174	50.0 - 120.00 % of mass 95	63.2
175	5.0 - 9.0 % of mass 174	5.1 (8.0) 1
176	95.0 - 101.0 % of mass 174	62.4 (98.8) 1
177	5.0 - 9.0 % of mass 176	3.7 (5.9) 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 460-89267/2	j04490.d	10/12/2011	01:51
	IC 460-89267/3	j04491.d	10/12/2011	02:17
	ICIS 460-89267/4	j04492.d	10/12/2011	02:42
	IC 460-89267/5	j04493.d	10/12/2011	03:07
	IC 460-89267/6	j04494.d	10/12/2011	03:32
	IC 460-89267/7	j04495.d	10/12/2011	03:56

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: j05413.d BFB Injection Date: 11/10/2011
Instrument ID: VOAMS8 BFB Injection Time: 19:44
Analysis Batch No.: 92617

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.1
75	30.0 - 60.0 % of mass 95	45.3
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.2 (0.2) 1
174	50.0 - 120.00 % of mass 95	68.6
175	5.0 - 9.0 % of mass 174	4.8 (7.0) 1
176	95.0 - 101.0 % of mass 174	69.2 (100.8) 1
177	5.0 - 9.0 % of mass 176	4.8 (6.9) 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 460-92617/2	j05415.d	11/10/2011	20:37
	LCS 460-92617/3	j05417.d	11/10/2011	22:03
	MB 460-92617/4	j05419.d	11/10/2011	23:07
FB-17338-110211-13	460-33168-2	j05421.d	11/11/2011	00:01
GW-17338-110211-MW28-12	460-33168-1	j05427.d	11/11/2011	02:31
GW-17338-110211-MW105-14	460-33168-3	j05428.d	11/11/2011	02:56
GW-17338-110211-MW32-15	460-33168-4	j05429.d	11/11/2011	03:21
GW-17338-110211-MW28-12 MS	460-33168-1 MS	j05435.d	11/11/2011	06:07
GW-17338-110211-MW28-12 MSD	460-33168-1 MSD	j05436.d	11/11/2011	06:33
	CCV 460-92617/21	j05441.d	11/11/2011	08:38

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVIS 460-92617/2 Date Analyzed: 11/10/2011 20:37
 Instrument ID: VOAMS8 GC Column: DB-624 ID: 0.53 (mm)
 Lab File ID (Standard): j05415.d Heated Purge: (Y/N) N
 Calibration ID: 12658

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		605742	7.89	427709	11.33	197061	13.77
UPPER LIMIT		1211484	8.39	855418	11.83	394122	14.27
LOWER LIMIT		302871	7.39	213855	10.83	98531	13.27
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-92617/3		608459	7.89	425411	11.33	194134	13.77
MB 460-92617/4		638215	7.90	472718	11.35	204257	13.78
460-33168-2	FB-17338-110211-13	610431	7.90	469316	11.33	217363	13.77
460-33168-1	GW-17338-110211-MW28-12	596816	7.89	452890	11.34	214926	13.77
460-33168-3	GW-17338-110211-MW105-14	586857	7.89	451906	11.33	209854	13.77
460-33168-4	GW-17338-110211-MW32-15	623843	7.89	467623	11.34	225472	13.77
460-33168-1 MS	GW-17338-110211-MW28-12 MS	655398	7.90	494745	11.34	239569	13.77
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	609807	7.89	454275	11.33	227389	13.77
CCV 460-92617/21		647933	7.88	484234	11.33	246052	13.77

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.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1

Matrix: Water Lab File ID: j05427.d

Analysis Method: 8260B Date Collected: 11/02/2011 10:00

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 02:31

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	0.32	J	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
 Matrix: Water Lab File ID: j05427.d
 Analysis Method: 8260B Date Collected: 11/02/2011 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 02:31
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-122
460-00-4	4-Bromofluorobenzene	94		69-135
2037-26-5	Toluene-d8 (Surr)	94		69-125

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
Matrix: Water Lab File ID: j05427.d
Analysis Method: 8260B Date Collected: 11/02/2011 10:00
Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 02:31
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 92617 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05427.d
 Report Date: 14-Nov-2011 11:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05427.d
 Lab Smp Id: 460-33168-A-1 Client Smp ID: GW-17338-110211-MW2
 Inj Date : 11-NOV-2011 02:31
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-33168-A-1
 Misc Info : 460-33168-A-1
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 14
 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	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
28 MTBE	73	5.186	5.188	(0.657)	3139	0.31719	0.32(aH)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.476	7.487	(0.947)	183701	52.4011	52
* 52 Fluorobenzene	96	7.894	7.889	(1.000)	596816	50.0000	
\$ 65 Toluene-d8 (SUR)	98	9.746	9.745	(0.860)	446499	46.7997	47
* 78 Chlorobenzene-d5	117	11.337	11.332	(1.000)	452890	50.0000	
\$ 89 Bromofluorobenzene (SUR)	174	12.536	12.534	(0.910)	216513	47.1367	47
* 108 1,4-Dichlorobenzene-d4	152	13.769	13.767	(1.000)	214926	50.0000	

QC Flag Legend

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

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05427.d
Report Date: 14-Nov-2011 11:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05427.d
Lab Smp Id: 460-33168-A-1 Client Smp ID: GW-17338-110211-MW2
Inj Date : 11-NOV-2011 02:31
Operator : Inst ID: VOAMS8.i
Smp Info : 460-33168-A-1
Misc Info : 460-33168-A-1
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
Als bottle: 14
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j05427.d

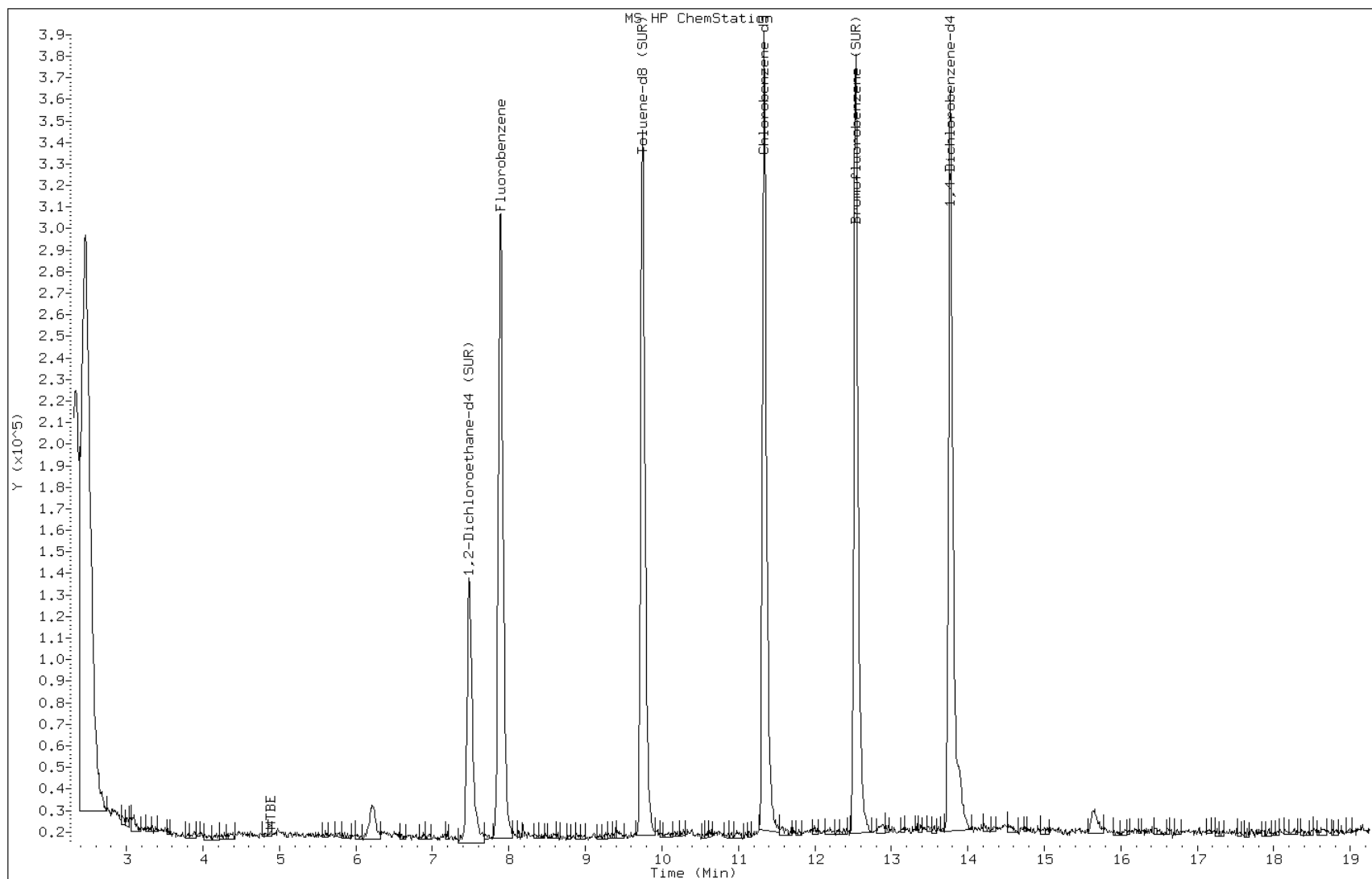
Date: 11-NOV-2011 02:31

Client ID: GW-17338-110211-MW2

Instrument: VOAMS8.i

Sample Info: 460-33168-A-1

Operator:



Data File: j05427.d

Date: 11-NOV-2011 02:31

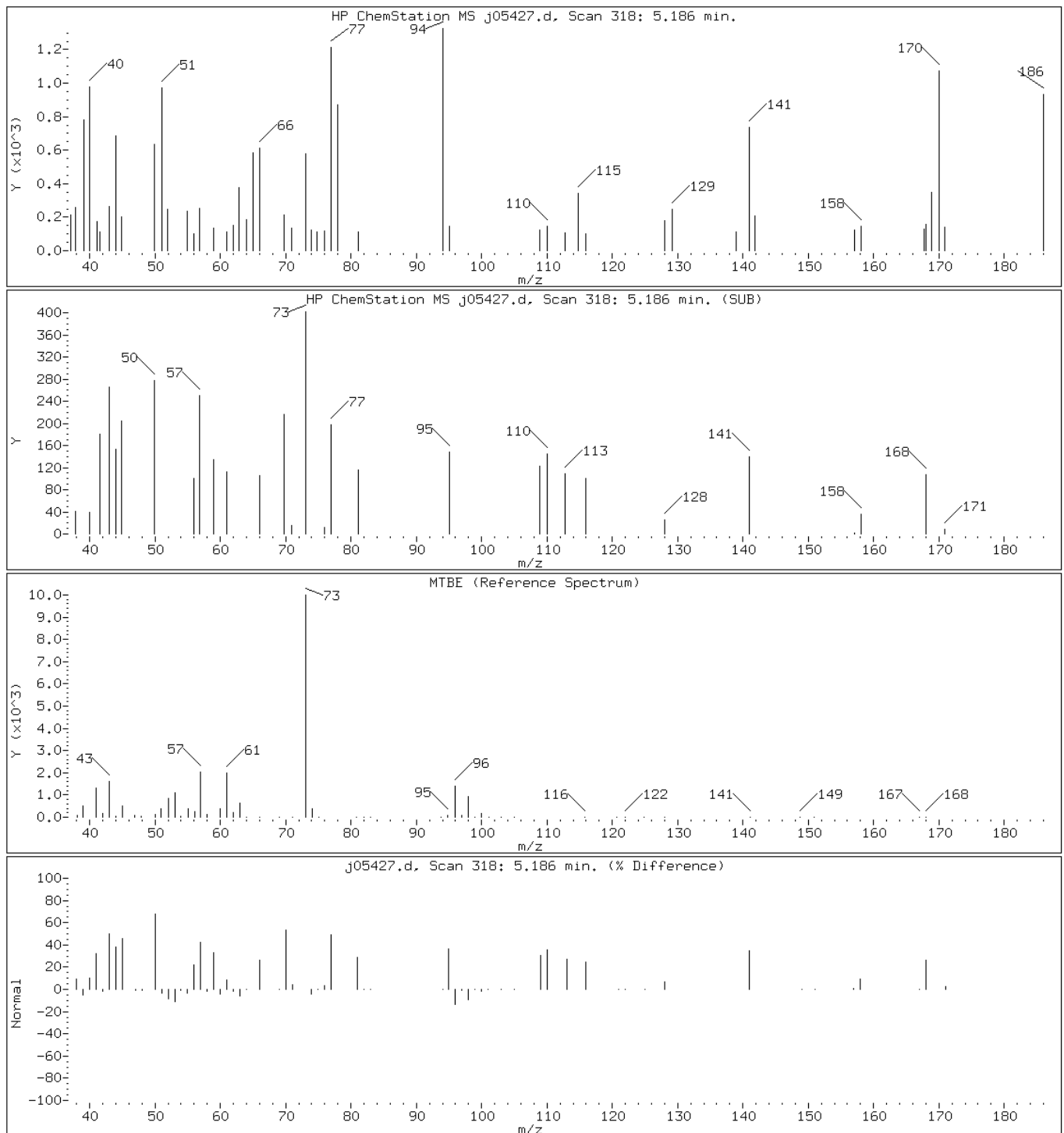
Client ID: GW-17338-110211-MW2

Instrument: VOAMS8.i

Sample Info: 460-33168-A-1

Operator:

28 MTBE



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2

Matrix: Water Lab File ID: j05421.d

Analysis Method: 8260B Date Collected: 11/02/2011 11:30

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 00:01

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	0.92	J	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
 Matrix: Water Lab File ID: j05421.d
 Analysis Method: 8260B Date Collected: 11/02/2011 11:30
 Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 00:01
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-122
460-00-4	4-Bromofluorobenzene	92		69-135
2037-26-5	Toluene-d8 (Surr)	90		69-125

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
Matrix: Water Lab File ID: j05421.d
Analysis Method: 8260B Date Collected: 11/02/2011 11:30
Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 00:01
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 92617 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05421.d
 Report Date: 14-Nov-2011 10:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05421.d
 Lab Smp Id: 460-33168-A-2 Client Smp ID: FB-17338-110211-13
 Inj Date : 11-NOV-2011 00:01
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-33168-A-2
 Misc Info : 460-33168-A-2
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 8
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/L)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
22 Methylene Chloride		84	4.918	4.897 (0.623)		4085	0.92437	0.92(aH)
\$ 47 1,2-Dichloroethane-d4 (SUR)		65	7.480	7.487 (0.947)		179415	50.0371	50
* 52 Fluorobenzene		96	7.897	7.889 (1.000)		610431	50.0000	
\$ 65 Toluene-d8 (SUR)		98	9.752	9.745 (0.860)		443836	44.8923	45
* 78 Chlorobenzene-d5		117	11.334	11.332 (1.000)		469316	50.0000	
\$ 89 Bromofluorobenzene (SUR)		174	12.542	12.534 (0.911)		213384	45.9346	46
* 108 1,4-Dichlorobenzene-d4		152	13.770	13.767 (1.000)		217363	50.0000	

QC Flag Legend

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

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05421.d
Report Date: 14-Nov-2011 10:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05421.d
Lab Smp Id: 460-33168-A-2 Client Smp ID: FB-17338-110211-13
Inj Date : 11-NOV-2011 00:01
Operator : Inst ID: VOAMS8.i
Smp Info : 460-33168-A-2
Misc Info : 460-33168-A-2
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j05421.d

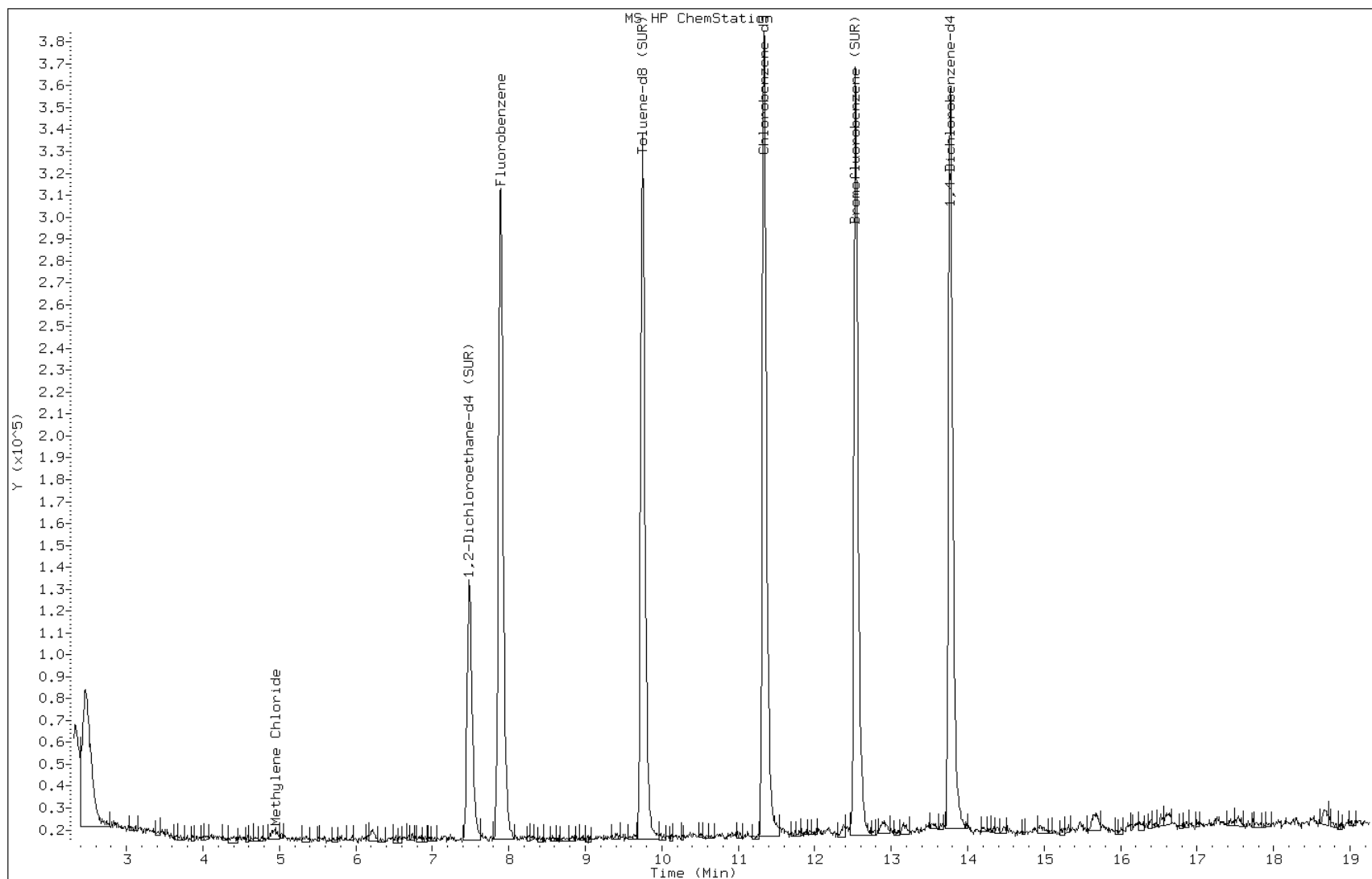
Date: 11-NOV-2011 00:01

Client ID: FB-17338-110211-13

Instrument: VOAMS8.i

Sample Info: 460-33168-A-2

Operator:



Data File: j05421.d

Date: 11-NOV-2011 00:01

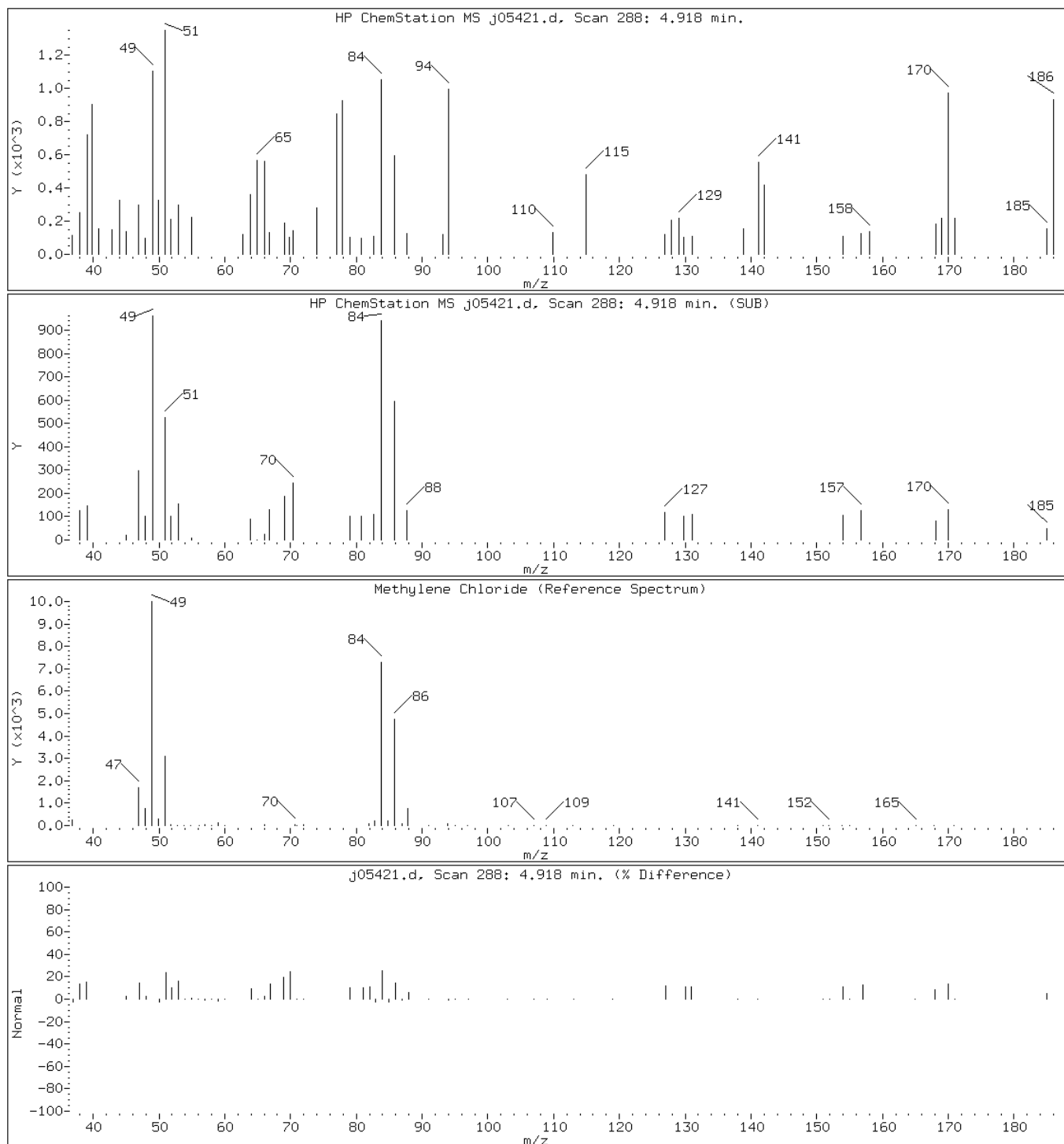
Client ID: FB-17338-110211-13

Instrument: VOAMS8.i

Sample Info: 460-33168-A-2

Operator:

22 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3

Matrix: Water Lab File ID: j05428.d

Analysis Method: 8260B Date Collected: 11/02/2011 12:15

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 02:56

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	26		10	2.5
75-15-0	Carbon disulfide	4.3		1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.4		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	0.85	J	1.0	0.20
78-93-3	2-Butanone (MEK)	2.5	J	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	4.6		1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.4		1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	3.4		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
 Matrix: Water Lab File ID: j05428.d
 Analysis Method: 8260B Date Collected: 11/02/2011 12:15
 Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 02:56
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	11		3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-122
460-00-4	4-Bromofluorobenzene	98		69-135
2037-26-5	Toluene-d8 (Surr)	98		69-125

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
Matrix: Water Lab File ID: j05428.d
Analysis Method: 8260B Date Collected: 11/02/2011 12:15
Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 02:56
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 92617 Units: ug/L
Number TICs Found: 1 TIC Result Total: 7.9

CAS NO.	COMPOUND NAME	RT	RESULT	Q
	C7H14O Ketone	10.46	7.9	J

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05428.d
 Report Date: 14-Nov-2011 11:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05428.d
 Lab Smp Id: 460-33168-A-3 Client Smp ID: GW-17338-110211-MW1
 Inj Date : 11-NOV-2011 02:56
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-33168-A-3
 Misc Info : 460-33168-A-3
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 15
 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						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
16 Acetone	58	4.386	4.395	(0.556)	5990		26.3657	26
18 Carbon Disulfide	76	4.642	4.641	(0.588)	41397		4.31605	4.3
30 1,1-Dichloroethane	63	5.725	5.724	(0.726)	11308		1.43253	1.4
36 cis-1,2-Dichloroethene	96	6.426	6.425	(0.815)	4040		0.85215	0.85(a)
38 2-Butanone	72	6.445	6.434	(0.817)	807		2.52453	2.5(aH)
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.478	7.487	(0.948)	181509		52.6545	53
48 Benzene	78	7.551	7.560	(0.666)	18548		1.43426	1.4
* 52 Fluorobenzene	96	7.889	7.889	(1.000)	586857		50.0000	
\$ 65 Toluene-d8 (SUR)	98	9.745	9.745	(0.860)	466962		49.0511	49
66 Toluene	91	9.827	9.825	(0.867)	43585		3.41538	3.4
* 78 Chlorobenzene-d5	117	11.332	11.332	(1.000)	451906		50.0000	
81 Ethylbenzene	106	11.451	11.460	(1.010)	16896		4.56908	4.6
82 m+p-Xylene	106	11.570	11.570	(1.021)	25336		5.08175	5.1
84 o-Xylene	106	11.998	11.996	(1.059)	27452		5.70490	5.7
\$ 89 Bromofluorobenzene (SUR)	174	12.538	12.534	(0.910)	219021		48.8351	49
101 1,2,4-Trimethylbenzene	105	13.337	13.342	(0.968)	3830		0.39897	0.40(aH)

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05428.d
 Report Date: 14-Nov-2011 11:05

Compounds	QUANT SIG	CONCENTRATIONS					
		ON-COLUMN	FINAL				
	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====
* 108 1,4-Dichlorobenzene-d4	152	13.772	13.767	(1.000)	209854	50.0000	
116 Naphthalene	128	16.851	16.854	(1.224)	4961	0.84050	0.84(a)
M 120 1,2-Dichloroethene (Total)	100				4040	0.88277	0.88(a)
M 121 Xylene (Total)	100				52788	10.7867	11

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/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05428.d
 Report Date: 14-Nov-2011 11:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05428.d
 Lab Smp Id: 460-33168-A-3 Client Smp ID: GW-17338-110211-MW1
 Inj Date : 11-NOV-2011 02:56
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-33168-A-3
 Misc Info : 460-33168-A-3
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 15
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

ISTD	RT	AREA	AMOUNT
=====	=====	=====	=====
* 78 Chlorobenzene-d5	11.332	1319700	50.000

CONCENTRATIONS					QUANT		
RT	AREA	ON-COL(ug/L)	FINAL(ug/L)	QUAL	LIBRARY	LIB ENTRY	CPND #
=====	=====	=====	=====	=====	=====	=====	=====
C7H14O Ketone					CAS #:		
10.463	208393	7.89547337	7.9	0		0	78(L)

QC Flag Legend

L - Operator selected an alternate library search match.

Data File: j05428.d

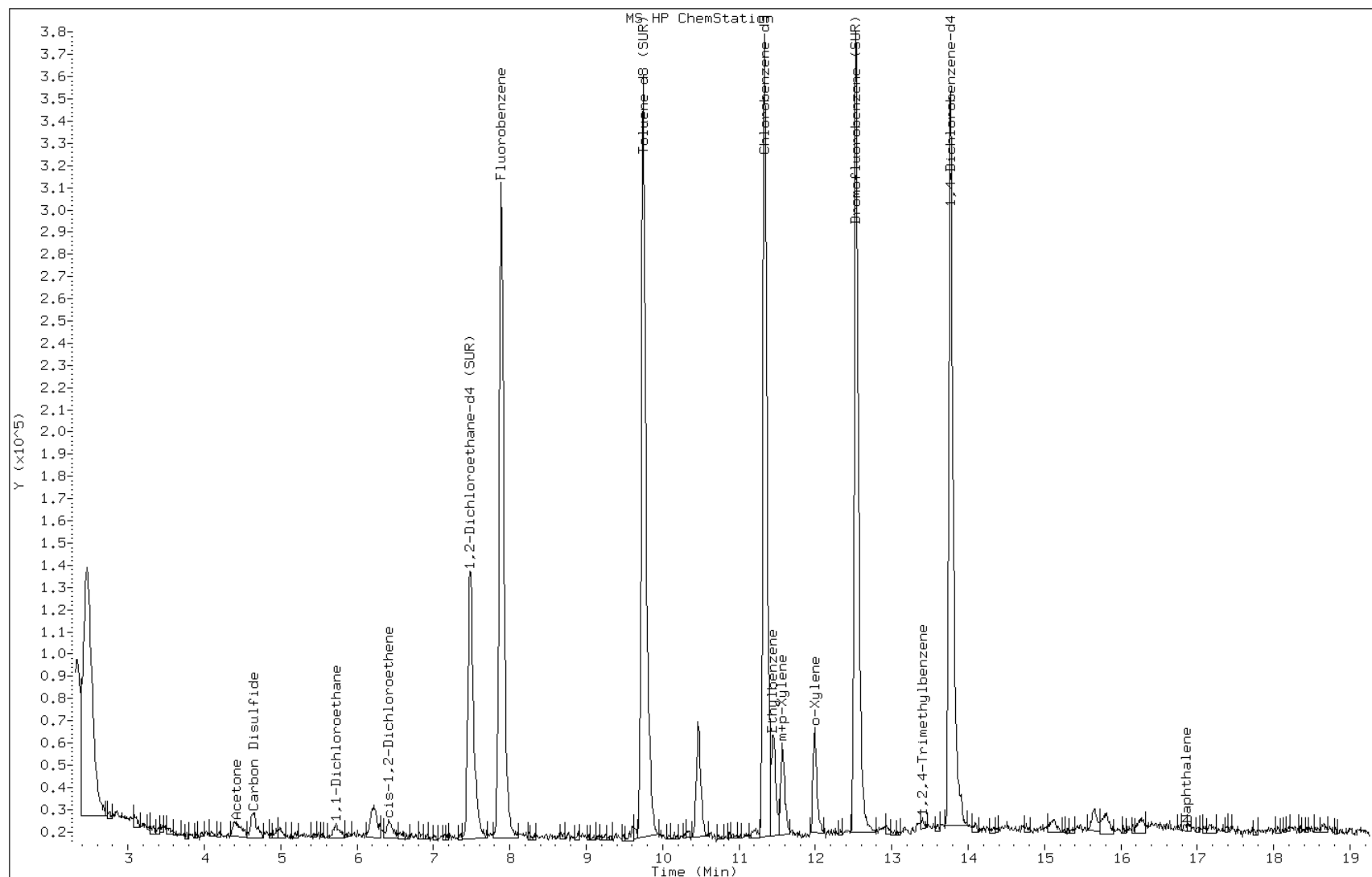
Date: 11-NOV-2011 02:56

Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:



Data File: j05428.d

Date: 11-NOV-2011 02:56

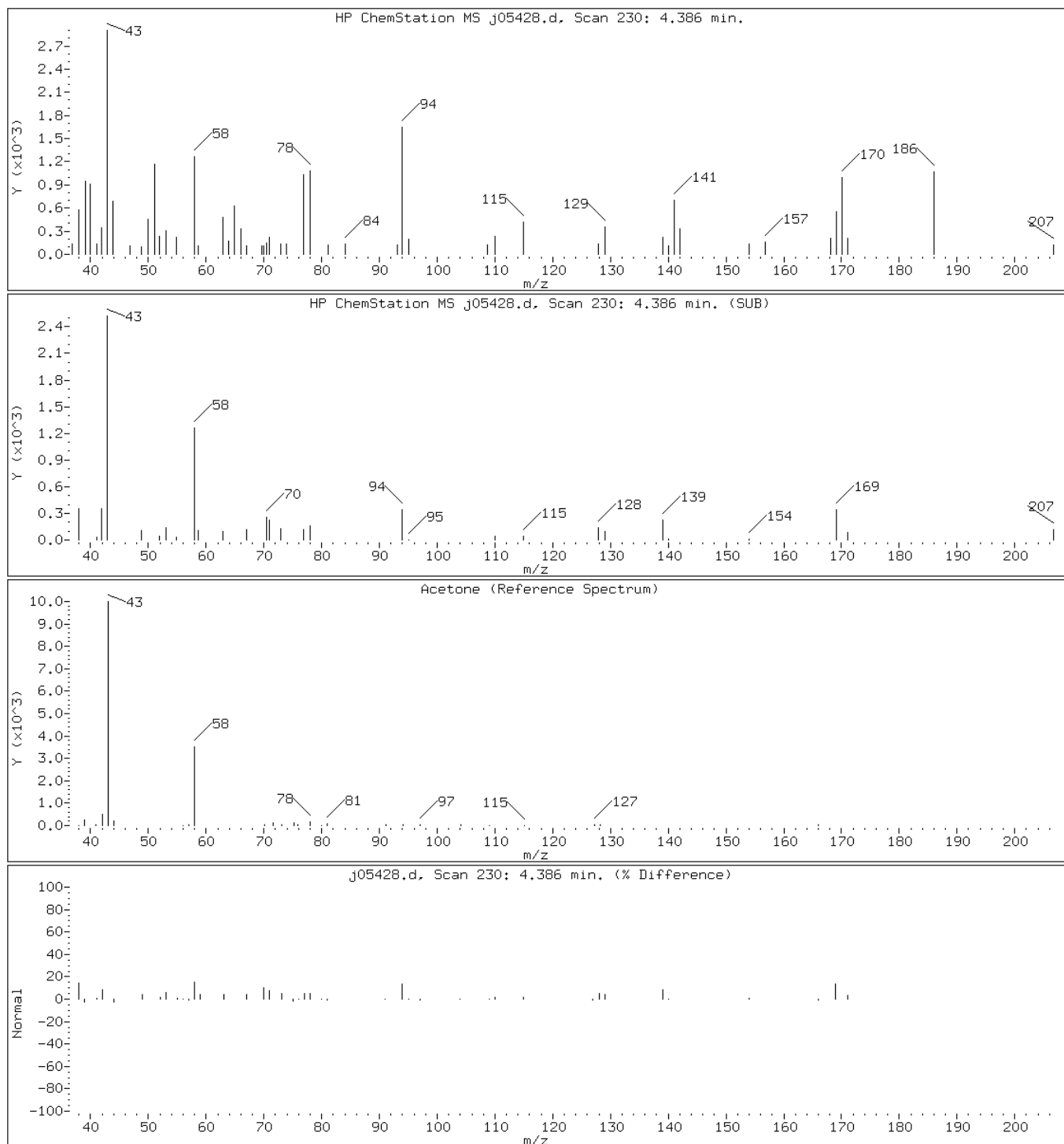
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

16 Acetone



Data File: j05428.d

Date: 11-NOV-2011 02:56

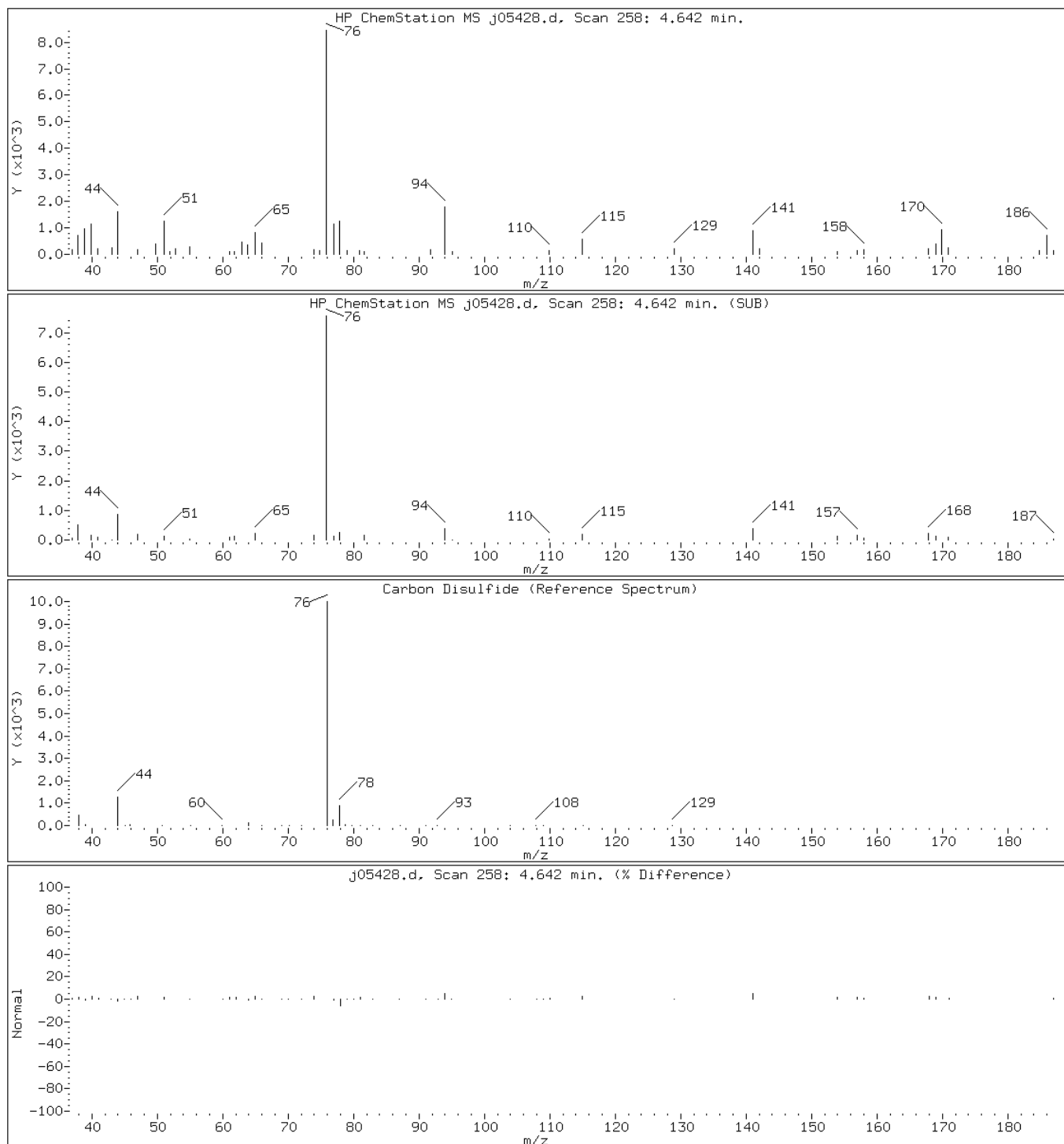
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

18 Carbon Disulfide



Data File: j05428.d

Date: 11-NOV-2011 02:56

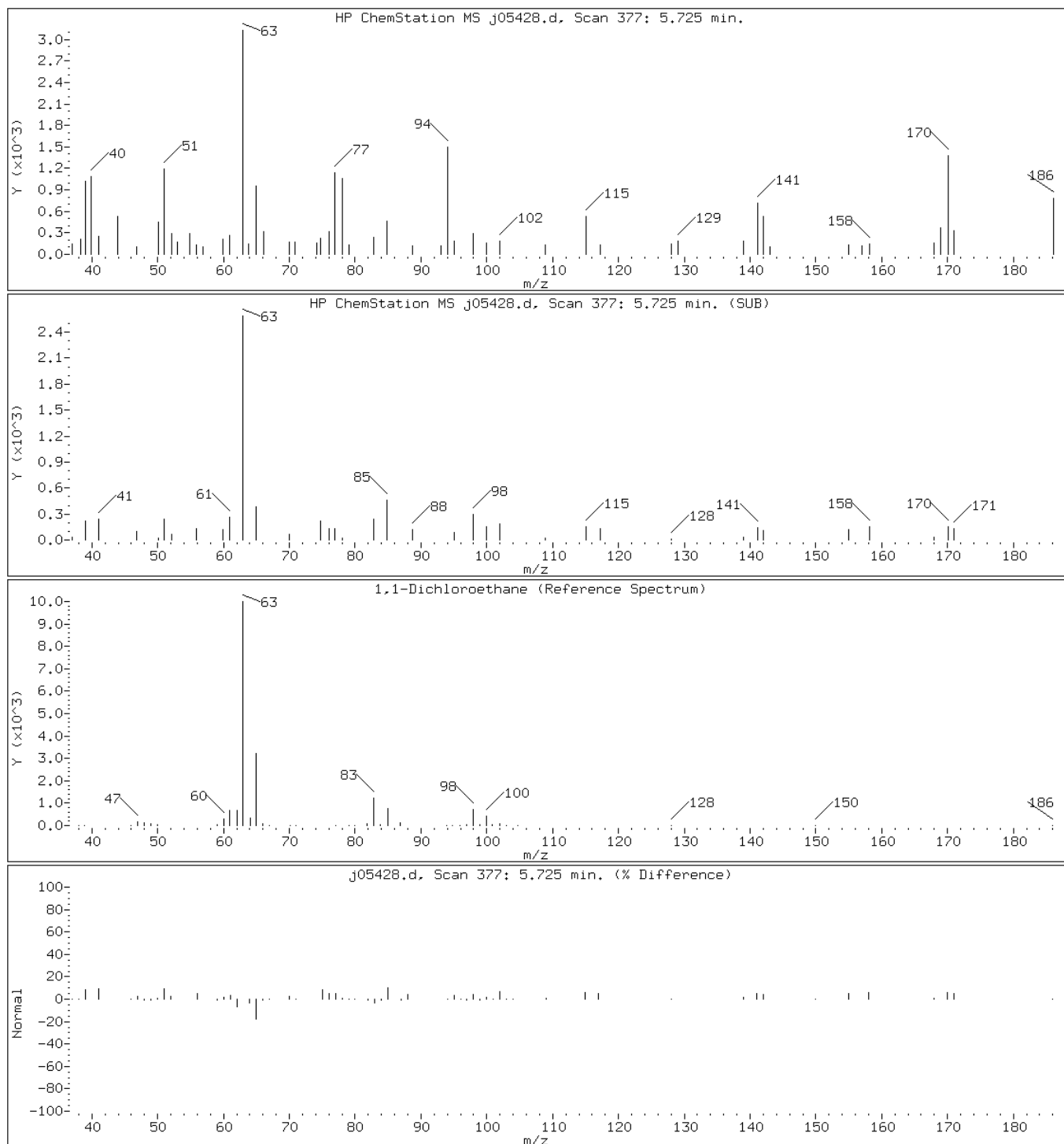
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

30 1,1-Dichloroethane



Data File: j05428.d

Date: 11-NOV-2011 02:56

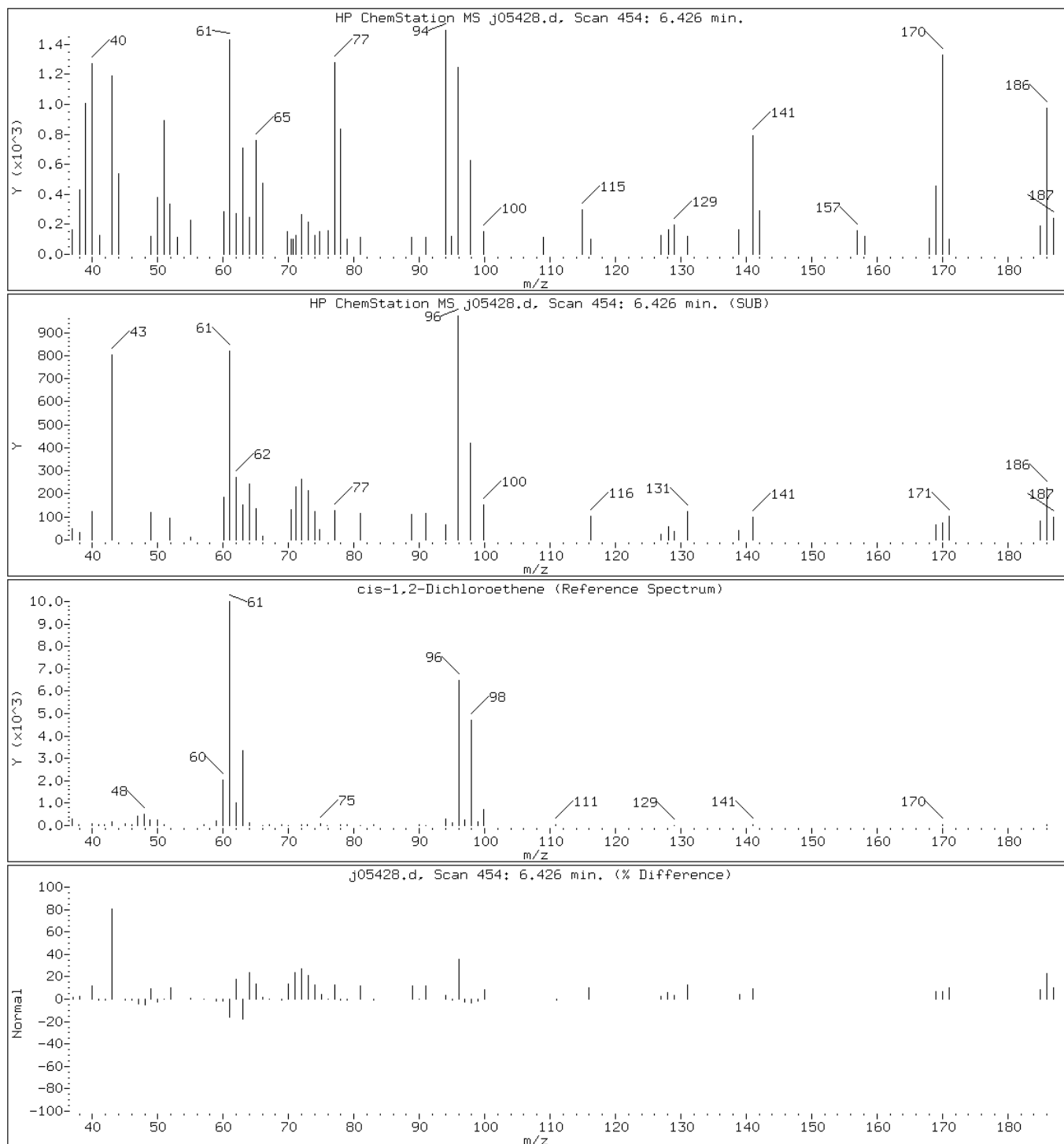
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

36 cis-1,2-Dichloroethene



Data File: j05428.d

Date: 11-NOV-2011 02:56

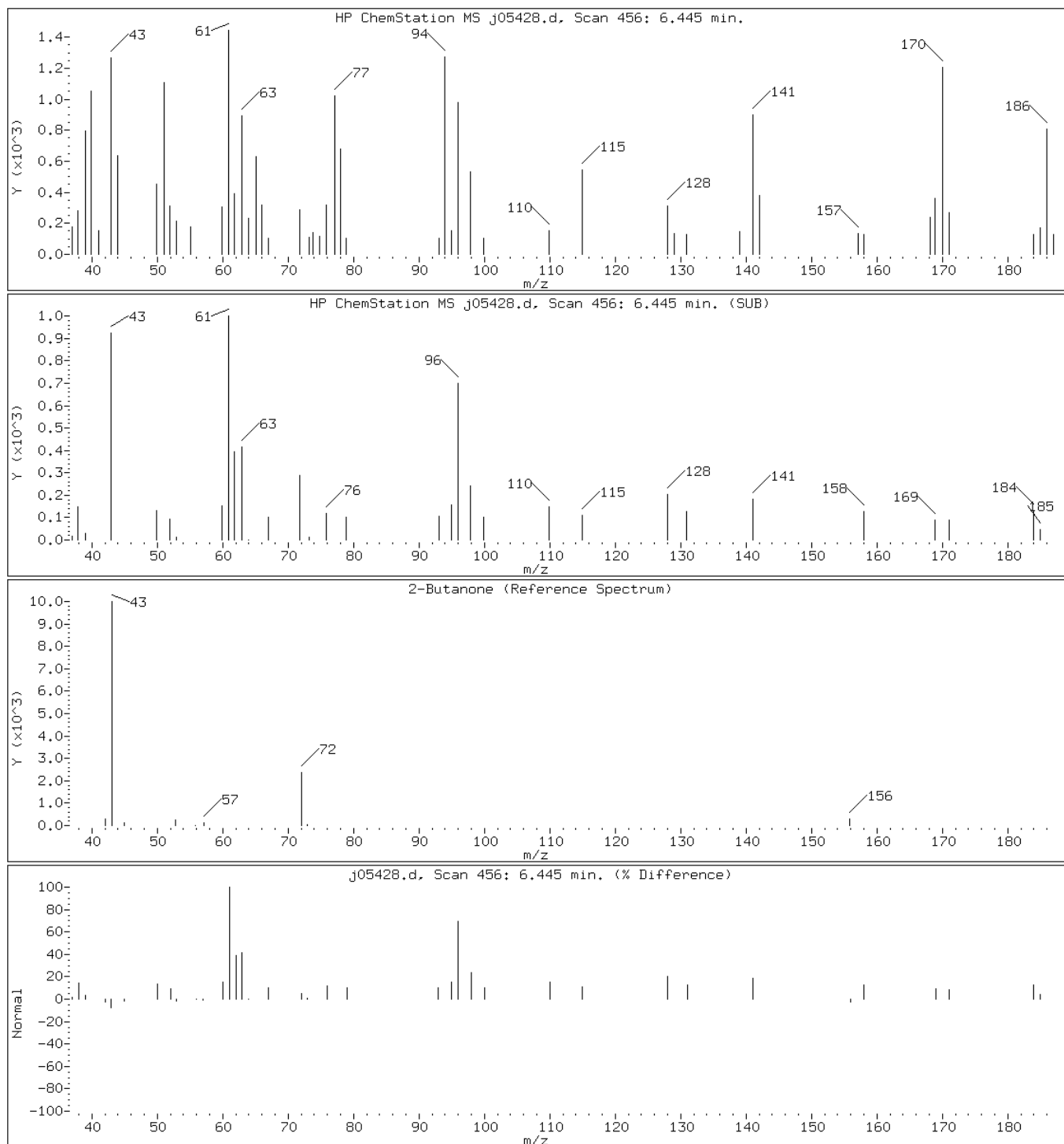
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

38 2-Butanone



Data File: j05428.d

Date: 11-NOV-2011 02:56

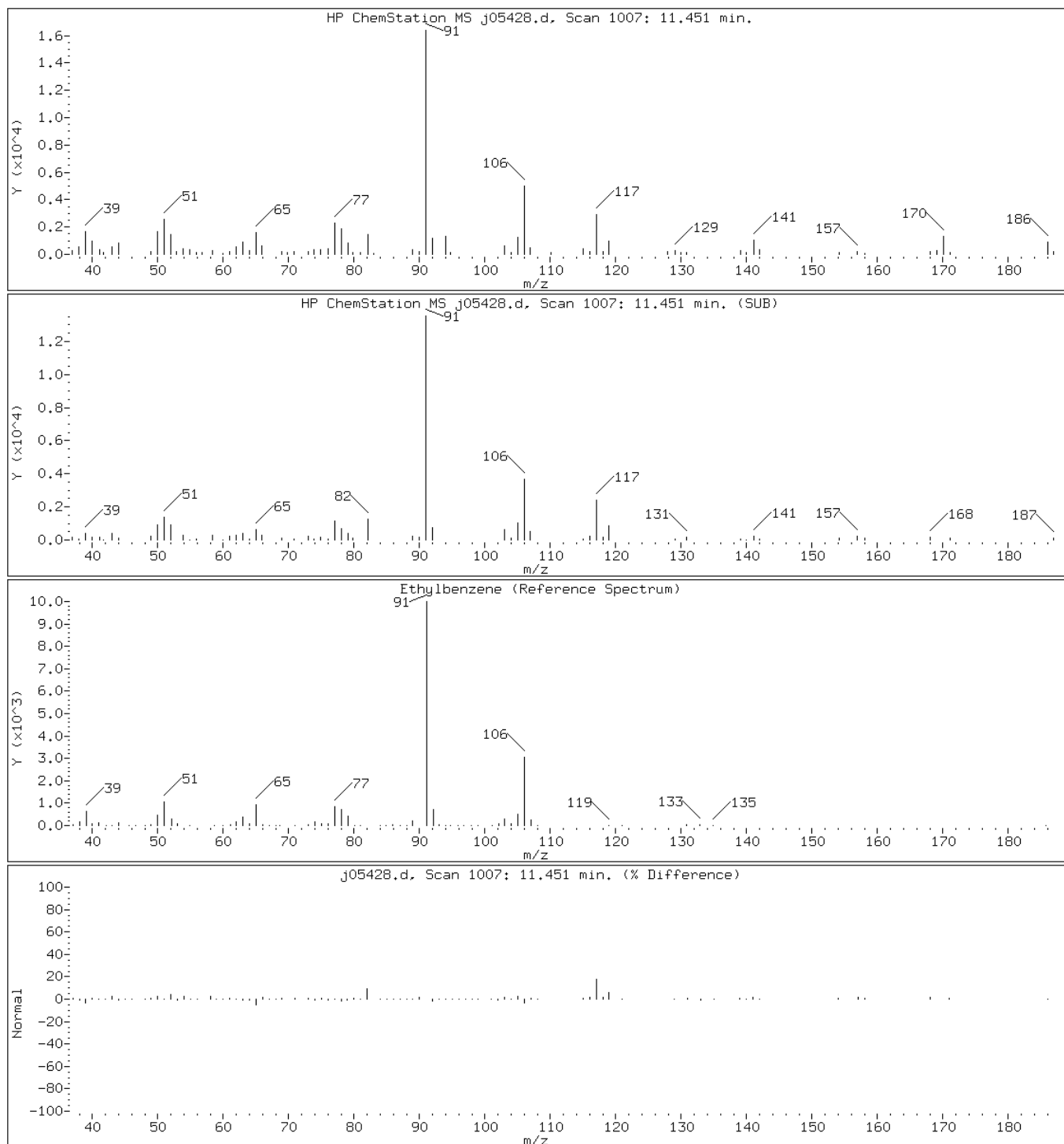
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

81 Ethylbenzene



Data File: j05428.d

Date: 11-NOV-2011 02:56

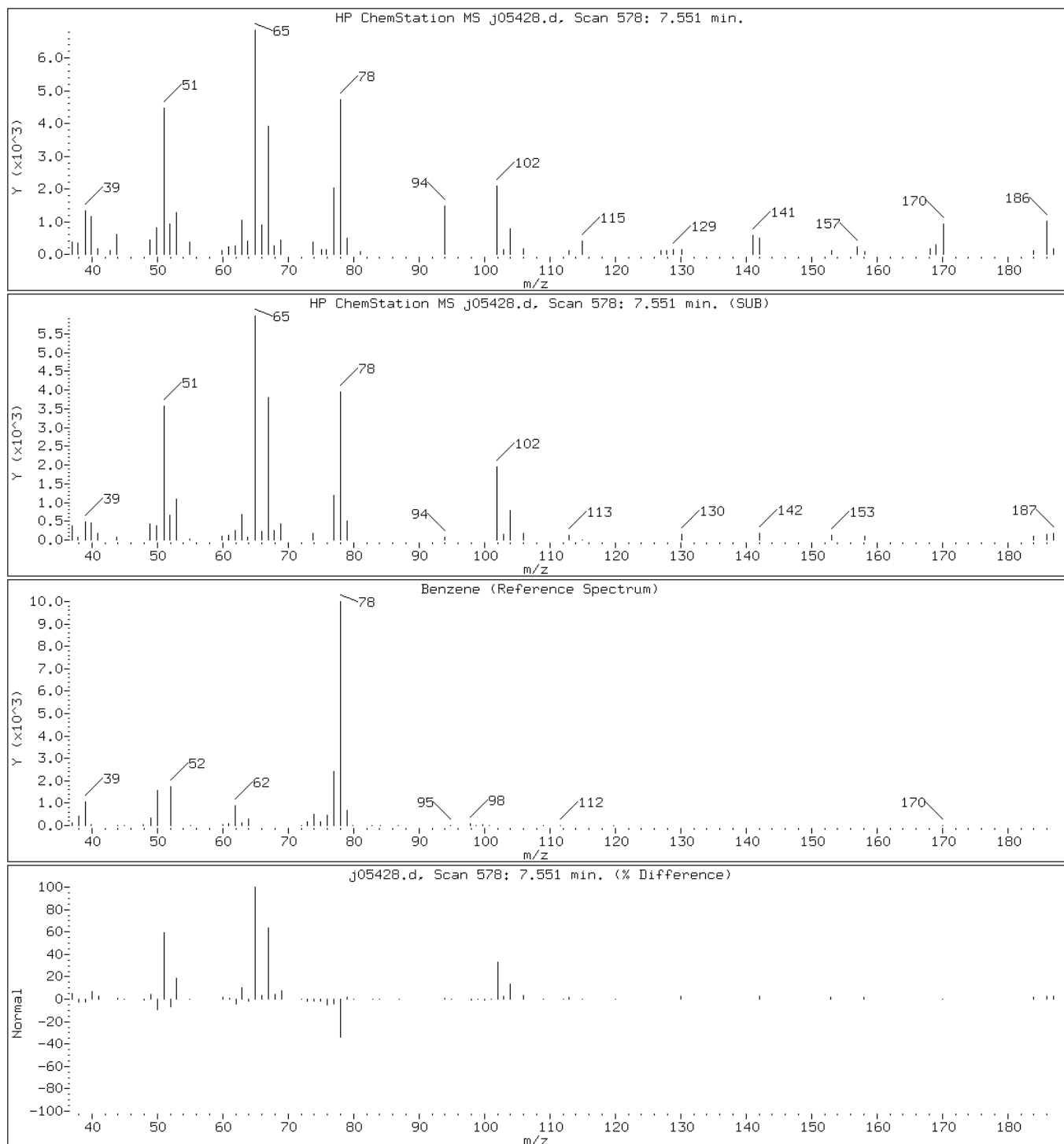
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

48 Benzene



Data File: j05428.d

Date: 11-NOV-2011 02:56

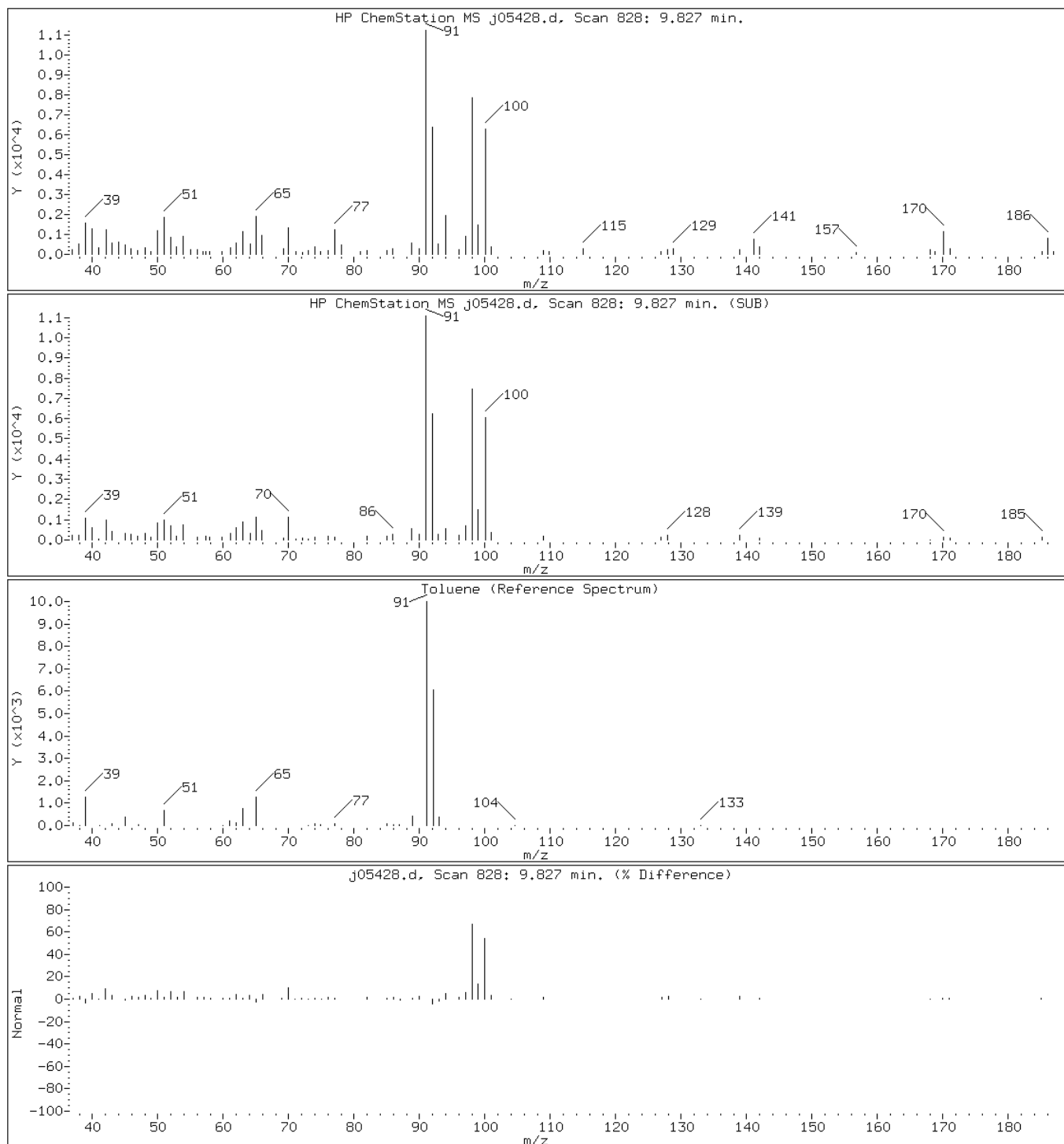
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

66 Toluene



Data File: j05428.d

Date: 11-NOV-2011 02:56

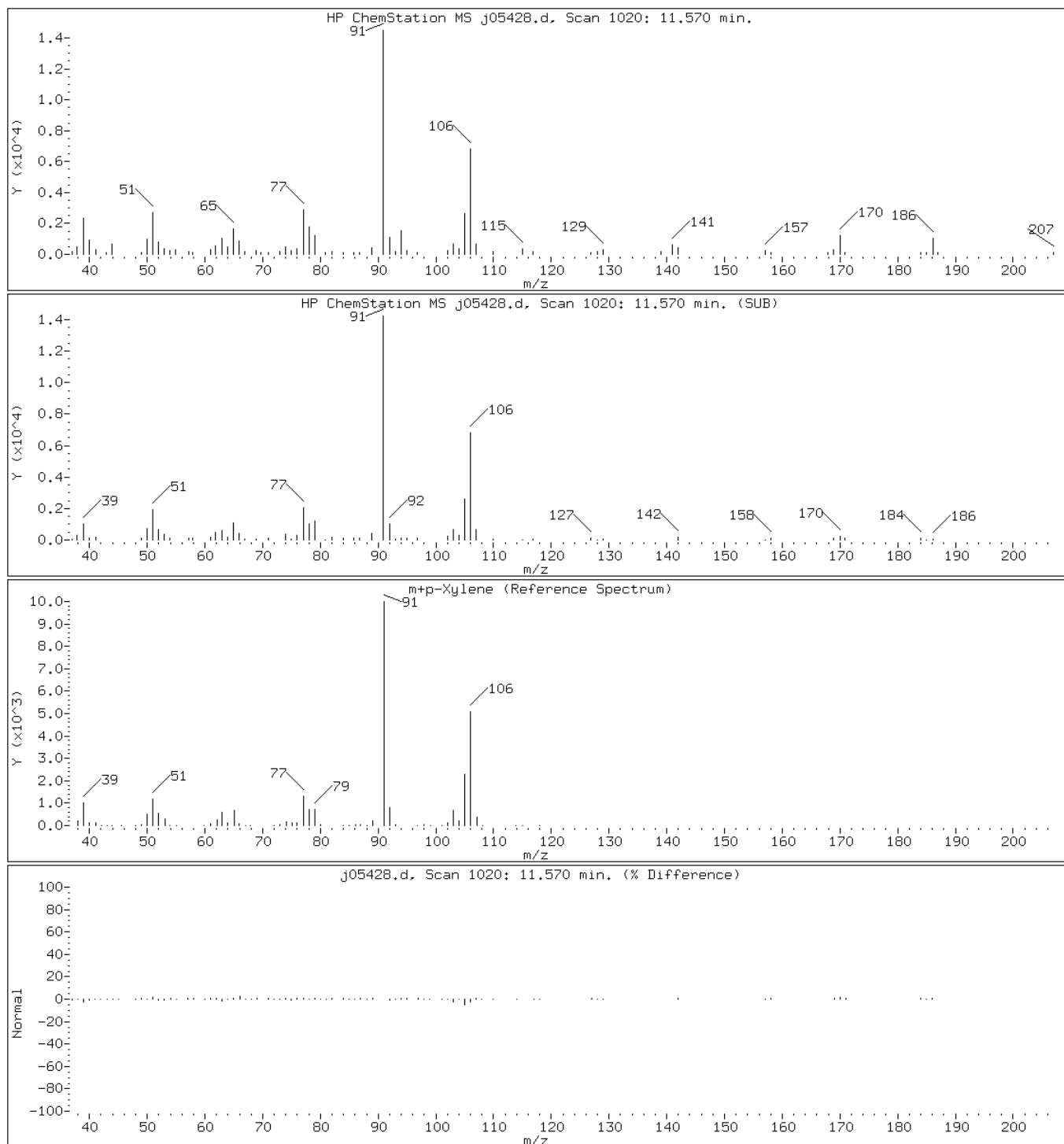
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

82 m+p-Xylene



Data File: j05428.d

Date: 11-NOV-2011 02:56

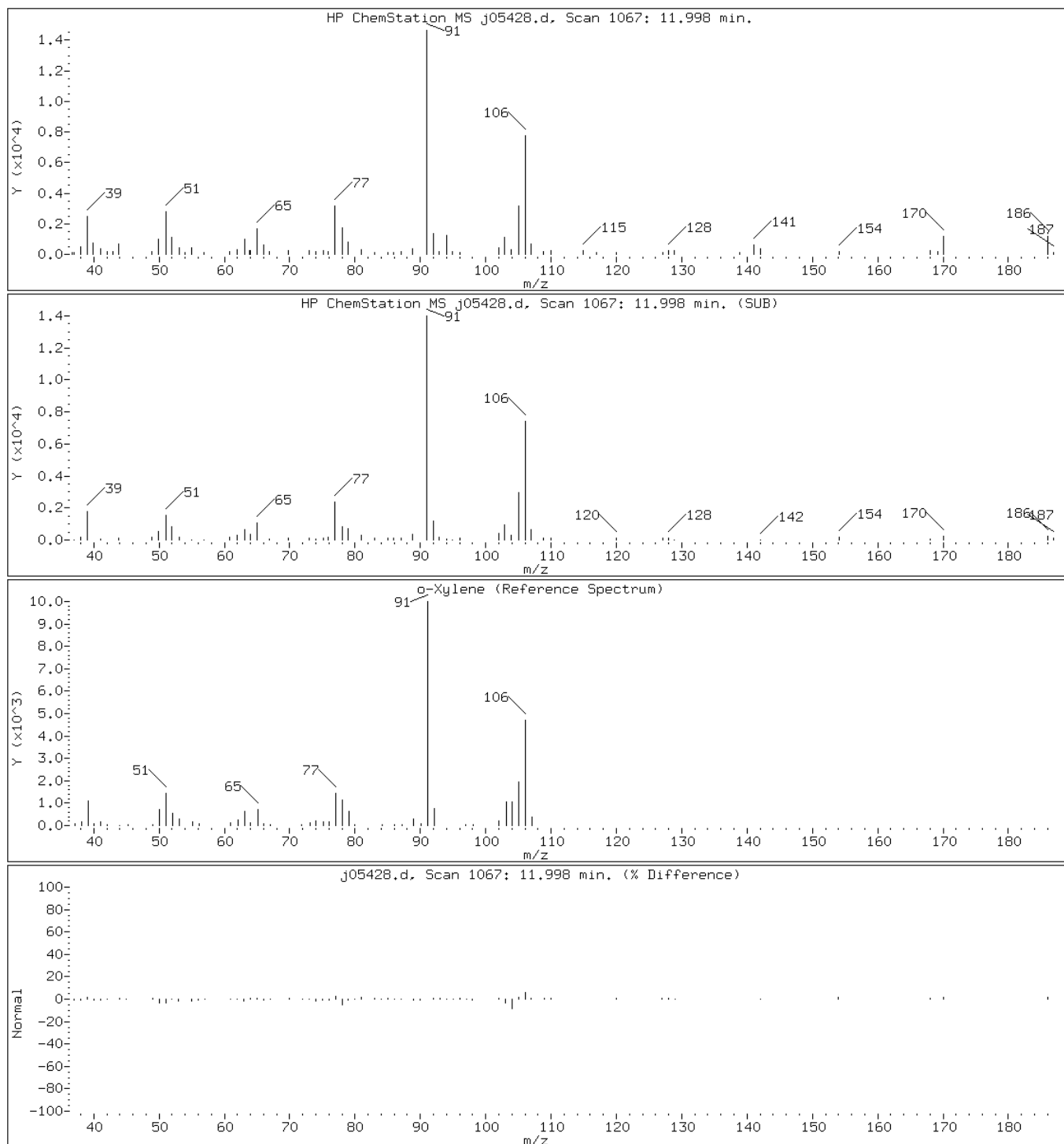
Client ID: GW-17338-110211-MW1

Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

84 o-Xylene



Data File: j05428.d

Date: 11-NOV-2011 02:56

Client ID: GW-17338-110211-MW1

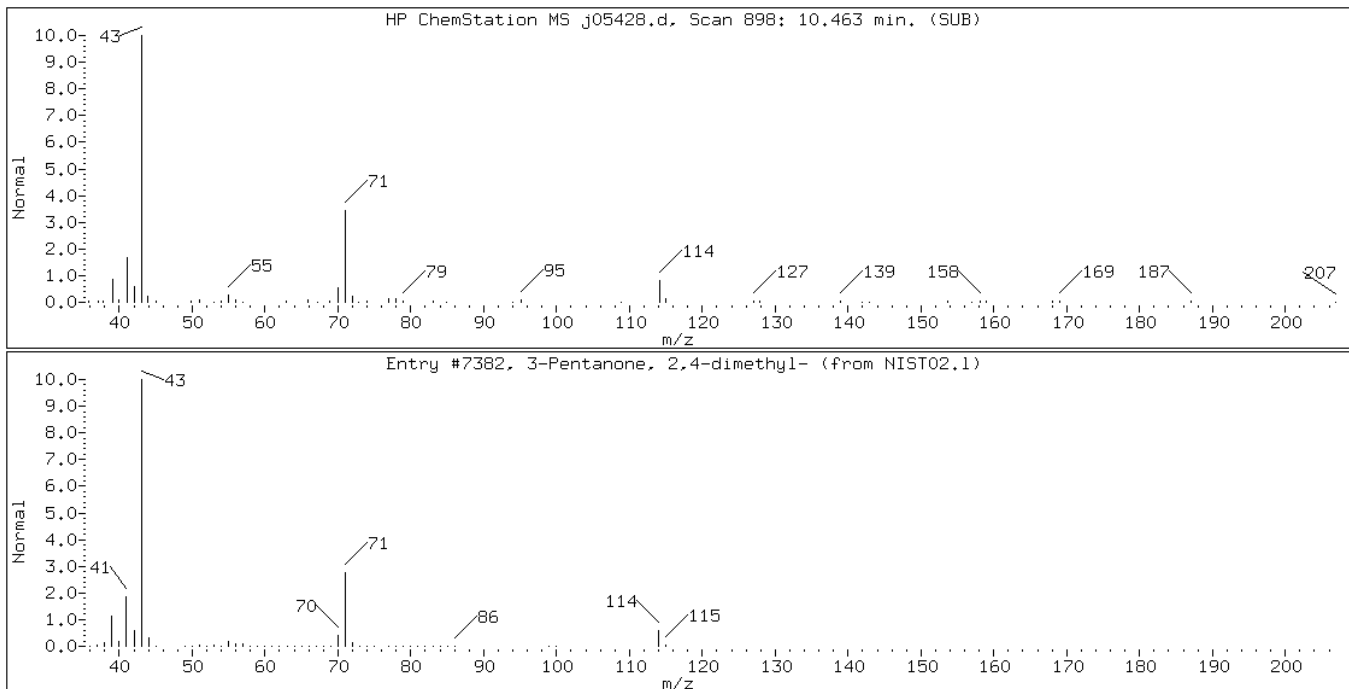
Instrument: VOAMS8.i

Sample Info: 460-33168-A-3

Operator:

Retention Time: 10.46

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
C7H14O Ketone						
Unknown Ketone						
3-Pentanone, 2,4-dimethyl-	565-80-0	NIST02.1	7382	80	C7H14O	114



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW32-15 Lab Sample ID: 460-33168-4

Matrix: Water Lab File ID: j05429.d

Analysis Method: 8260B Date Collected: 11/02/2011 14:30

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 03:21

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW32-15 Lab Sample ID: 460-33168-4
 Matrix: Water Lab File ID: j05429.d
 Analysis Method: 8260B Date Collected: 11/02/2011 14:30
 Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 03:21
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		70-122
460-00-4	4-Bromofluorobenzene	89		69-135
2037-26-5	Toluene-d8 (Surr)	90		69-125

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW32-15 Lab Sample ID: 460-33168-4
Matrix: Water Lab File ID: j05429.d
Analysis Method: 8260B Date Collected: 11/02/2011 14:30
Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 03:21
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 92617 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05429.d
 Report Date: 14-Nov-2011 11:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05429.d
 Lab Smp Id: 460-33168-A-4 Client Smp ID: GW-17338-110211-MW3
 Inj Date : 11-NOV-2011 03:21
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-33168-A-4
 Misc Info : 460-33168-A-4
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 16
 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						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.487	7.487	(0.949)	172747	47.1416	47	
* 52 Fluorobenzene	96	7.888	7.889	(1.000)	623843	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.751	9.745	(0.860)	445387	45.2123	45	
* 78 Chlorobenzene-d5	117	11.338	11.332	(1.000)	467623	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.528	12.534	(0.910)	215478	44.7172	45	
* 108 1,4-Dichlorobenzene-d4	152	13.767	13.767	(1.000)	225472	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05429.d
Report Date: 14-Nov-2011 11:05

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05429.d
Lab Smp Id: 460-33168-A-4 Client Smp ID: GW-17338-110211-MW3
Inj Date : 11-NOV-2011 03:21
Operator : Inst ID: VOAMS8.i
Smp Info : 460-33168-A-4
Misc Info : 460-33168-A-4
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j05429.d

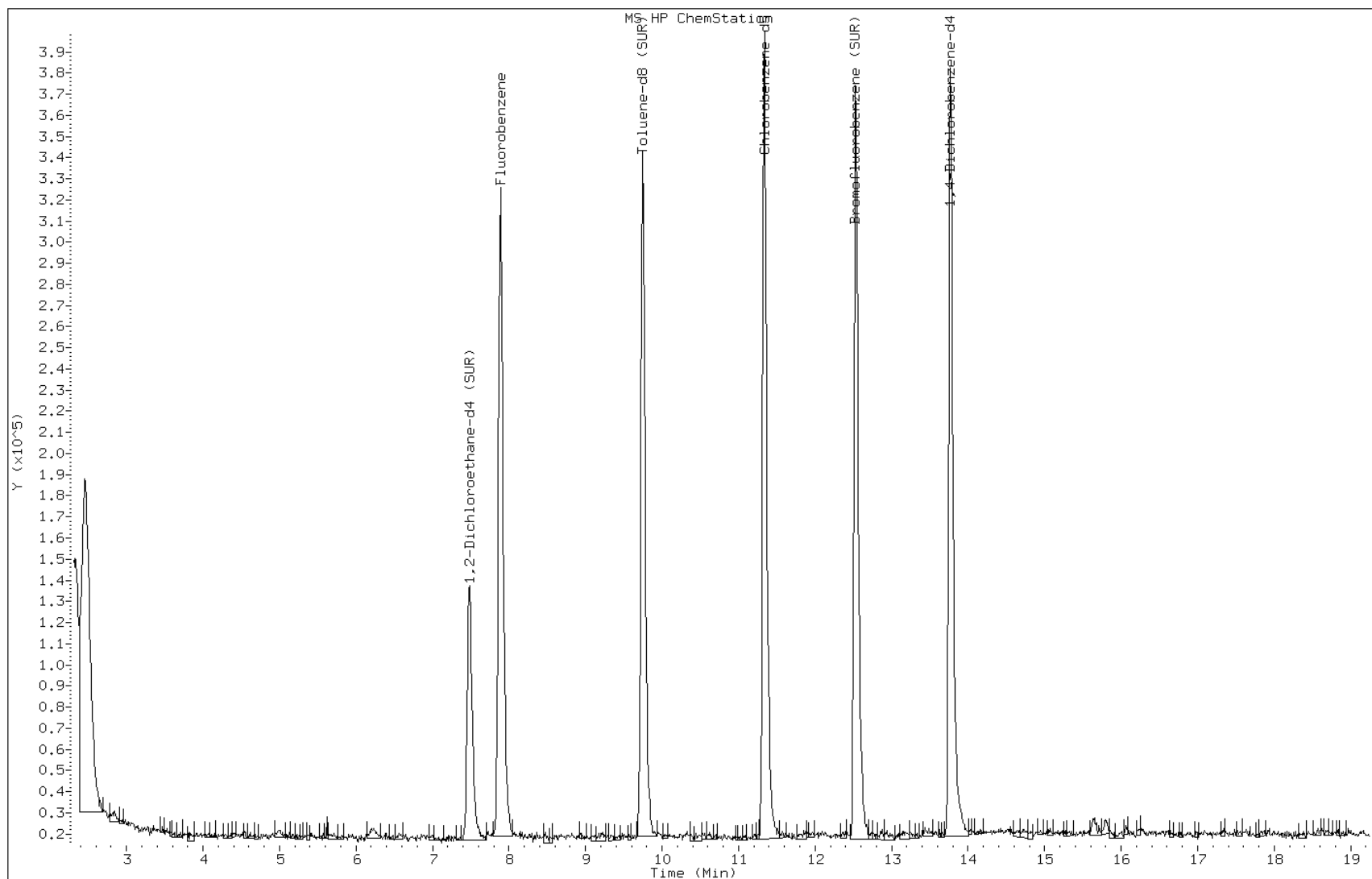
Date: 11-NOV-2011 03:21

Client ID: GW-17338-110211-MW3

Instrument: VOAMS8.i

Sample Info: 460-33168-A-4

Operator:



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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89267/2	j04490.d
Level 2	IC 460-89267/3	j04491.d
Level 3	ICIS 460-89267/4	j04492.d
Level 4	IC 460-89267/5	j04493.d
Level 5	IC 460-89267/6	j04494.d
Level 6	IC 460-89267/7	j04495.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	0.4294 0.5816	0.3617	0.4892	0.5184	0.5310	LinF		0.5746							0.9984		0.9900
Chloromethane	0.3847 0.3473	0.3061	0.2830	0.2974	0.3206	Ave		0.3232			0.1000	11.5		30.0			
Vinyl chloride	0.3773 0.3970	0.3180	0.3166	0.3492	0.3614	Ave		0.3532			0.1000	9.1		30.0			
Bromomethane	0.3712 0.3176	0.3150	0.3006	0.3218	0.3062	Ave		0.3221			0.1000	7.9		30.0			
Chloroethane	0.2559 0.1955	0.1954	0.1834	0.1946	0.1932	Ave		0.2030			0.1000	13.0		30.0			
Trichlorofluoromethane	0.5495 0.7500	0.5731	0.6522	0.6761	0.6863	Ave		0.6479			0.1000	11.6		30.0			
Pentane	0.0222 0.0366	0.0263	0.0293	0.0317	0.0329	LinF		0.0361							0.9978		0.9900
Ethyl ether	0.2255 0.2398	0.2086	0.2134	0.2329	0.2263	Ave		0.2244			0.1000	5.2		30.0			
2-Methyl-1,3-butadiene	0.3080 0.3270	0.2566	0.2464	0.2913	0.2918	Ave		0.2869			0.1000	10.6		30.0			
Acrolein	0.0467 0.0397	0.0428	0.0396	0.0395	0.0373	Ave		0.0409		*	0.1000	8.1		30.0			
1,1-Dichloroethene	0.3258 0.3245	0.3100	0.2592	0.3090	0.3062	Ave		0.3058			0.1000	7.9		30.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.5648 0.6108	0.4912	0.4738	0.5549	0.5717	Ave		0.5445			0.1000	9.5		30.0			
Acetone	0.0191 0.0199	0.0195	0.0183	0.0191	0.0195	Ave		0.0192		*	0.1000	2.8		30.0			
Iodomethane	1.0596 0.9309	0.8703	0.8264	0.9313	0.9080	Ave		0.9211			0.1000	8.6		30.0			
Carbon disulfide	1.1917 1.0050	0.9532	0.8172	0.9228	0.9691	Ave		0.9765			0.1000	12.6		30.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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								
Acetonitrile	0.0019 0.0035	0.0032	0.0032	0.0031	0.0033	LinF		0.0034							0.9993		0.9900
Methyl acetate	0.0812 0.0695	0.0784	0.0615	0.0696	0.0671	Ave		0.0712		*	0.1000	10.3		30.0			
Methylene Chloride	0.4216 0.3810	0.3647	0.3594	0.3746	0.3614	Ave		0.3771			0.1000	6.2		30.0			
2-Methyl-2-propanol	0.0246 0.0239	0.0229	0.0217	0.0239	0.0238	Ave		0.0235		*	0.1000	4.3		30.0			
Methyl tert-butyl ether	0.8601 0.8105	0.8197	0.7714	0.8157	0.7934	Ave		0.8118			0.1000	3.6		30.0			
Acrylonitrile	0.0546 0.0834	0.0656	0.0664	0.0718	0.0774	Ave		0.0699		*	0.1000	14.4		30.0			
trans-1,2-Dichloroethene	0.3861 0.3690	0.3726	0.3293	0.3667	0.3527	Ave		0.3627			0.1000	5.4		30.0			
Hexane	0.1337 0.1170	0.1033	0.0899	0.1106	0.1076	Ave		0.1103			0.1000	13.2		30.0			
1,1-Dichloroethane	0.8819 0.7274	0.7009	0.6683	0.7139	0.6858	Ave		0.7297			0.1000	10.6		30.0			
Isopropyl ether	1.7242 1.3914	1.5127	1.4128	1.4789	1.4165	Ave		1.4894			0.1000	8.3		30.0			
Vinyl acetate	1.3576 0.9065	0.9884	0.9344	0.9523	0.8901	LinF		0.9048							0.9999		0.9900
Tert-butyl ethyl ether	1.1424 1.1551	1.1291	1.0755	1.1456	1.1423	Ave		1.1317			0.1000	2.5		30.0			
cis-1,2-Dichloroethene	0.3873 0.3937	0.3858	0.3701	0.3987	0.3926	Ave		0.3880			0.1000	2.6		30.0			
2-Butanone (MEK)	0.0220 0.0276	0.0253	0.0241	0.0263	0.0282	Ave		0.0256		*	0.1000	9.0		30.0			
2,2-Dichloropropane	0.5585 0.5212	0.5415	0.4776	0.5168	0.5124	Ave		0.5213			0.1000	5.3		30.0			
Ethyl acetate	0.0487 0.0351	0.0420	0.0363	0.0363	0.0363	Ave		0.0391		*	0.1000	13.5		30.0			
Chlorobromomethane	0.3506 0.2678	0.2429	0.2514	0.2680	0.2540	Ave		0.2725			0.1000	14.5		30.0			
Tetrahydrofuran	0.0716 0.0748	0.0723	0.0765	0.0754	0.0747	Ave		0.0742		*	0.1000	2.5		30.0			
Chloroform	0.8259 0.7746	0.7209	0.7184	0.7792	0.7453	Ave		0.7607			0.1000	5.4		30.0			
1,1,1-Trichloroethane	0.5639 0.6430	0.5586	0.5356	0.6159	0.6192	Ave		0.5894			0.1000	7.2		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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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								
Cyclohexane	0.3304 0.3684	0.3118	0.3076	0.3417	0.3562	Ave		0.3360			0.1000	7.2		30.0			
1,1-Dichloropropene	0.5841 0.5133	0.4972	0.4696	0.5209	0.5065	Ave		0.5153			0.1000	7.4		30.0			
Carbon tetrachloride	0.5418 0.5847	0.5241	0.4760	0.5690	0.5606	Ave		0.5427			0.1000	7.2		30.0			
Benzene	1.6609 1.3152	1.2816	1.2938	1.3945	1.3802	Ave		1.3877			0.1000	10.2		30.0			
1,2-Dichloroethane	0.4828 0.4349	0.4131	0.4133	0.4494	0.4247	Ave		0.4364			0.1000	6.1		30.0			
Tert-amyl methyl ether	1.0655 0.8993	0.9658	0.8958	0.9575	0.9387	Ave		0.9538			0.1000	6.5		30.0			
n-Heptane	0.0492 0.1119	0.0518	0.0491	0.1008	0.1136	LinF		0.1120							0.9991		0.9900
n-Butanol	0.0035 0.0037	0.0030	0.0034	0.0035	0.0037	Ave		0.0035		*	0.1000	7.2		30.0			
Trichloroethene	0.4450 0.4285	0.4245	0.3915	0.4333	0.4177	Ave		0.4234			0.1000	4.3		30.0			
Ethyl acrylate	0.4532 0.4531	0.4130	0.4190	0.4358	0.4440	Ave		0.4364			0.1000	3.9		30.0			
Methylcyclohexane	0.2472 0.2534	0.2060	0.2138	0.2447	0.2471	Ave		0.2354			0.1000	8.5		30.0			
1,2-Dichloropropane	0.5227 0.4332	0.4499	0.4182	0.4566	0.4237	Ave		0.4507			0.1000	8.5		30.0			
Methyl methacrylate	0.1012 0.0897	0.0904	0.0906	0.0964	0.0910	Ave		0.0932		*	0.1000	4.9		30.0			
n-Propyl acetate	0.5530 0.4976	0.5438	0.5329	0.5544	0.5316	Ave		0.5356			0.1000	3.9		30.0			
Dibromomethane	0.3884 0.3739	0.3819	0.3811	0.3904	0.3722	Ave		0.3813			0.1000	1.9		30.0			
Dichlorobromomethane	0.7108 0.7588	0.7263	0.7303	0.7817	0.7488	Ave		0.7428			0.1000	3.4		30.0			
2-Chloroethyl vinyl ether	0.1516 0.2573	0.1992	0.2357	0.2376	0.2399	LinF		0.2549							0.9991		0.9900
Epichlorohydrin	0.0414 0.0424	0.0371	0.0410	0.0424	0.0462	Ave		0.0418		*	0.1000	7.1		30.0			
cis-1,3-Dichloropropene	0.7972 0.8842	0.7765	0.8259	0.8795	0.8867	Ave		0.8417			0.1000	5.8		30.0			
4-Methyl-2-pentanone (MIBK)	0.4670 0.4988	0.4333	0.4538	0.4692	0.4995	Ave		0.4703			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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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								
Toluene	1.6967 1.2782	1.3799	1.2798	1.3278	1.3429	Ave		1.3842			0.1000	11.4		30.0			
trans-1,3-Dichloropropene	0.7490 0.7541	0.6326	0.6786	0.7237	0.7425	Ave		0.7134			0.1000	6.8		30.0			
1,1,2-Trichloroethane	0.4452 0.4382	0.3958	0.4270	0.4354	0.4417	Ave		0.4305			0.1000	4.2		30.0			
Tetrachloroethene	0.4779 0.5238	0.4417	0.4573	0.5181	0.5196	Ave		0.4897			0.1000	7.3		30.0			
1,3-Dichloropropane	0.8310 0.7659	0.7118	0.7664	0.7967	0.7944	Ave		0.7777			0.1000	5.2		30.0			
2-Hexanone	0.2756 0.2932	0.2448	0.2533	0.2706	0.3006	Ave		0.2730			0.1000	8.0		30.0			
n-Butyl acetate	0.1408 0.1493	0.1266	0.1379	0.1472	0.1552	Ave		0.1428			0.1000	7.0		30.0			
Chlorodibromomethane	0.7567 0.8916	0.7083	0.8229	0.8764	0.8934	Ave		0.8249			0.1000	9.4		30.0			
1,2-Dibromoethane	0.7145 0.7135	0.6168	0.6825	0.7234	0.7219	Ave		0.6955			0.1000	5.9		30.0			
Chlorobenzene	1.0182 0.9998	0.8729	0.9800	1.0204	1.0255	Ave		0.9861			0.1000	5.9		30.0			
1,1,1,2-Tetrachloroethane	0.5902 0.5746	0.5145	0.5414	0.5653	0.5905	Ave		0.5627			0.1000	5.3		30.0			
Ethylbenzene	0.3158 0.3745	0.3570	0.3508	0.3998	0.4033	Ave		0.3669			0.1000	9.0		30.0			
m-Xylene & p-Xylene	0.5311 0.4863	0.4846	0.4949	0.5329	0.5121	Ave		0.5070			0.1000	4.3		30.0			
n-Butyl acrylate	0.2706 0.4571	0.3184	0.3538	0.4169	0.4479	LinF		0.4554							0.9997		0.9900
o-Xylene	0.4188 0.4895	0.4586	0.4637	0.5055	0.5078	Ave		0.4740			0.1000	7.2		30.0			
Styrene	0.8286 0.8965	0.8136	0.8810	0.9346	0.9643	Ave		0.8864			0.1000	6.6		30.0			
Amyl acetate (mixed isomers)	1.6813 1.3481	1.3705	1.2843	1.4201	1.3987	Ave		1.4172			0.1000	9.7		30.0			
Bromoform	0.4531 0.6002	0.4357	0.5197	0.5449	0.5834	Ave		0.5228			0.1000	12.9		30.0			
Isopropylbenzene	1.1833 1.1500	1.0525	1.0702	1.1752	1.1686	Ave		1.1333			0.1000	5.0		30.0			
Camphene	0.1402 0.1118	0.1057	0.0879	0.0983	0.1077	LinF		0.1111							0.9995		0.9900

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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,2,2-Tetrachloroethane	2.1407 1.4276	1.7178	1.6702	1.7075	1.5017	Ave		1.6942			0.1000	14.7		30.0			
trans-1,4-Dichloro-2-butene	0.2840 0.2781	0.2796	0.2849	0.3236	0.3071	Ave		0.2929			0.1000	6.3		30.0			
Bromobenzene	1.3877 0.9971	1.1090	1.1378	1.1769	1.0466	Ave		1.1425			0.1000	11.9		30.0			
1,2,3-Trichloropropane	0.4502 0.3442	0.4365	0.4168	0.4275	0.3579	Ave		0.4055			0.1000	10.8		30.0			
N-Propylbenzene	3.3889 2.4704	3.0189	2.7929	3.0712	2.6613	Ave		2.9006			0.1000	11.3		30.0			
2-Chlorotoluene	1.7289 1.5888	2.0034	1.7449	1.8868	1.7324	Ave		1.7809			0.1000	8.1		30.0			
1,3,5-Trimethylbenzene	2.4628 1.7470	2.1177	1.8616	2.0786	1.8360	Ave		2.0173			0.1000	13.0		30.0			
Butyl Methacrylate	1.6211 1.5061	1.4147	1.5453	1.6370	1.5279	Ave		1.5420			0.1000	5.3		30.0			
4-Chlorotoluene	3.2148 2.2358	2.5300	2.5484	2.6919	2.2711	Ave		2.5820			0.1000	13.8		30.0			
tert-Butylbenzene	2.4260 1.7546	2.0718	1.8756	2.0055	1.7363	Ave		1.9783			0.1000	13.0		30.0			
1,2,4-Trimethylbenzene	2.3769 1.9306	2.1132	2.1196	2.1735	1.9551	Ave		2.1115			0.1000	7.7		30.0			
2-Octanone	1.3495 2.1396	1.1255	1.4267	1.7658	2.0476	LinF		2.1241							0.9990		0.9900
sec-Butylbenzene	2.8932 2.2405	2.5858	2.4012	2.6625	2.2934	Ave		2.5128			0.1000	9.9		30.0			
4-Isopropyltoluene	2.2030 1.8090	1.9962	1.8616	2.1154	1.7931	Ave		1.9630			0.1000	8.7		30.0			
1,3-Dichlorobenzene	1.4873 1.3007	1.3444	1.3608	1.5287	1.2854	Ave		1.3846			0.1000	7.3		30.0			
1,4-Dichlorobenzene	1.9804 1.7040	1.7509	1.6900	1.9024	1.7407	Ave		1.7947			0.1000	6.6		30.0			
Benzyl chloride	1.4552 1.6804	1.4855	1.6172	1.7017	1.6433	Ave		1.5972			0.1000	6.4		30.0			
n-Butylbenzene	2.0424 1.8247	1.7312	1.6398	1.8808	1.7162	Ave		1.8059			0.1000	8.0		30.0			
1,2-Dichlorobenzene	1.4779 1.4616	1.5202	1.5502	1.5973	1.4771	Ave		1.5141			0.1000	3.5		30.0			
1,2-Dibromo-3-Chloropropane	0.3560 0.3458	0.2526	0.2888	0.3018	0.3168	Ave		0.3103			0.1000	12.3		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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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								
Camphor	0.1188 0.1262	0.0951	0.0987	0.1074	0.1202	Ave		0.1111			0.1000	11.3		30.0			
1,2,4-Trichlorobenzene	0.2052 0.8483	0.2985	0.5520	0.7777	0.8629	LinF		0.8495							0.9995		0.9900
Hexachlorobutadiene	0.7738 0.6276	0.5700	0.5470	0.6729	0.6632	Ave		0.6424			0.1000	12.7		30.0			
Naphthalene	0.5286 1.3767	0.4162	0.7627	1.1379	1.4674	LinF		1.3876							0.9983		0.9900
1,2,3-Trichlorobenzene	0.1538 0.5819	0.1908	0.3711	0.5678	0.6470	LinF		0.5913							0.9975		0.9900
1,2-Dichloroethane-d4 (Surr)	0.3235 0.3379	0.3141	0.3254	0.3330	0.3163	Ave		0.3250			0.1000	2.8		30.0			
Toluene-d8 (Surr)	0.9764 1.0883	0.9114	1.0080	1.0459	1.0253	Ave		1.0092			0.1000	6.0		30.0			
4-Bromofluorobenzene	1.1022 0.9662	1.0132	1.0197	1.0768	0.9571	Ave		1.0225			0.1000	5.7		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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-89267/2	j04490.d
Level 2	IC 460-89267/3	j04491.d
Level 3	ICIS 460-89267/4	j04492.d
Level 4	IC 460-89267/5	j04493.d
Level 5	IC 460-89267/6	j04494.d
Level 6	IC 460-89267/7	j04495.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	LinF	15534 8898844	69138	366126	924495	3518761	1.00 500	5.00	20.0	50.0	200
Chloromethane	FB	Ave	13918 5313401	58499	211797	530295	2124591	1.00 500	5.00	20.0	50.0	200
Vinyl chloride	FB	Ave	13649 6073785	60784	236996	622826	2394662	1.00 500	5.00	20.0	50.0	200
Bromomethane	FB	Ave	13430 4859826	60208	224991	573933	2028804	1.00 500	5.00	20.0	50.0	200
Chloroethane	FB	Ave	9259 2992024	37344	137259	347039	1280379	1.00 500	5.00	20.0	50.0	200
Trichlorofluoromethane	FB	Ave	19881 11476169	109535	488108	1205673	4547859	1.00 500	5.00	20.0	50.0	200
Pentane	FB	LinF	803 560728	5023	21894	56600	218336	1.00 500	5.00	20.0	50.0	200
Ethyl ether	FB	Ave	8158 3668608	39879	159694	415398	1499719	1.00 500	5.00	20.0	50.0	200
2-Methyl-1,3-butadiene	FB	Ave	11145 5003938	49039	184383	519555	1933803	1.00 500	5.00	20.0	50.0	200
Acrolein	FB	Ave	6755 486112	32703	59352	140915	247300	4.00 400	20.0	40.0	100	200
1,1-Dichloroethene	FB	Ave	11788 4964372	59246	193968	550987	2028964	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	20434 9346034	93891	354635	989560	3788640	1.00 500	5.00	20.0	50.0	200
Acetone	FB	Ave	6894 303747	11209	13692	34076	129321	10.0 500	15.0	20.0	50.0	200
Iodomethane	FB	Ave	38338 14243885	166357	618524	1660828	6017123	1.00 500	5.00	20.0	50.0	200
Carbon disulfide	FB	Ave	43116 15377548	182192	611621	1645573	6422009	1.00 500	5.00	20.0	50.0	200
Acetonitrile	FB	LinF	1375 1059422	12042	47173	111650	433642	20.0 10000	100	400	1000	4000

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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
Methyl acetate	FB	Ave	2937 1063335	14983	46034	124048	444448	1.00 500	5.00	20.0	50.0	200
Methylene Chloride	FB	Ave	15254 5829450	69699	268993	668042	2394935	1.00 500	5.00	20.0	50.0	200
2-Methyl-2-propanol	FB	Ave	17820 7325451	87433	325497	851209	3155306	20.0 10000	100	400	1000	4000
Methyl tert-butyl ether	FB	Ave	31118 12401863	156684	577338	1454686	5257850	1.00 500	5.00	20.0	50.0	200
Acrylonitrile	FB	Ave	3953 510482	25074	49665	128089	256410	2.00 200	10.0	20.0	50.0	100
trans-1,2-Dichloroethene	FB	Ave	13969 5646568	71210	246471	653911	2336951	1.00 500	5.00	20.0	50.0	200
Hexane	FB	Ave	4836 1789474	19738	67292	197247	712842	1.00 500	5.00	20.0	50.0	200
1,1-Dichloroethane	FB	Ave	31908 11130516	133978	500203	1273088	4544379	1.00 500	5.00	20.0	50.0	200
Isopropyl ether	FB	Ave	62381 21289750	289135	1057430	2637284	9386261	1.00 500	5.00	20.0	50.0	200
Vinyl acetate	FB	LinF	49119 13870829	188930	699346	1698209	5898424	1.00 500	5.00	20.0	50.0	200
Tert-butyl ethyl ether	FB	Ave	41331 17674380	215817	804958	2042990	7569436	1.00 500	5.00	20.0	50.0	200
cis-1,2-Dichloroethene	FB	Ave	14011 6023504	73735	276995	710927	2601609	1.00 500	5.00	20.0	50.0	200
2-Butanone (MEK)	FB	Ave	7971 422006	14489	18010	46832	186788	10.0 500	15.0	20.0	50.0	200
2,2-Dichloropropane	FB	Ave	20205 7974840	103507	357481	921664	3395200	1.00 500	5.00	20.0	50.0	200
Ethyl acetate	FB	Ave	3524 1072882	16052	54342	129620	481125	2.00 1000	10.0	40.0	100	400
Chlorobromomethane	FB	Ave	12686 4097670	46428	188171	477990	1683475	1.00 500	5.00	20.0	50.0	200
Tetrahydrofuran	FB	Ave	2589 1144102	13826	57262	134511	495332	1.00 500	5.00	20.0	50.0	200
Chloroform	FB	Ave	29880 11851835	137788	537709	1389535	4938825	1.00 500	5.00	20.0	50.0	200
1,1,1-Trichloroethane	FB	Ave	20402 9839074	106765	400856	1098320	4102884	1.00 500	5.00	20.0	50.0	200
Cyclohexane	FB	Ave	11953 5636616	59597	230209	609287	2360135	1.00 500	5.00	20.0	50.0	200
1,1-Dichloropropene	FB	Ave	21133 7853229	95027	351458	928956	3356623	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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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
Carbon tetrachloride	FB	Ave	19604 8947171	100181	356287	1014718	3714696	1.00 500	5.00	20.0	50.0	200
Benzene	CBZ	Ave	44616 14314127	190710	703865	1834858	6322402	1.00 500	5.00	20.0	50.0	200
1,2-Dichloroethane	FB	Ave	17466 6654799	78953	309358	801492	2814220	1.00 500	5.00	20.0	50.0	200
Tert-amyl methyl ether	FB	Ave	38549 13759853	184610	670472	1707581	6220614	1.00 500	5.00	20.0	50.0	200
n-Heptane	FB	LinF	1781 1712363	9899	36754	179715	752802	1.00 500	5.00	20.0	50.0	200
n-Butanol	FB	Ave	63581 335262	115333	191921	250714	309390	500 3000	1000	1500	2000	2500
Trichloroethene	FB	Ave	16099 6555709	81142	292988	772726	2767896	1.00 500	5.00	20.0	50.0	200
Ethyl acrylate	FB	Ave	16396 6932364	78944	313582	777226	2942439	1.00 500	5.00	20.0	50.0	200
Methylcyclohexane	FB	Ave	8945 3877947	39378	160012	436381	1637409	1.00 500	5.00	20.0	50.0	200
1,2-Dichloropropane	FB	Ave	18910 6629085	85989	312993	814297	2807726	1.00 500	5.00	20.0	50.0	200
Methyl methacrylate	FB	Ave	3661 1373229	17285	67808	171862	603280	1.00 500	5.00	20.0	50.0	200
n-Propyl acetate	FB	Ave	40018 15226028	207895	797728	1977463	7045164	2.00 1000	10.0	40.0	100	400
Dibromomethane	FB	Ave	14054 5720947	72999	285214	696181	2466417	1.00 500	5.00	20.0	50.0	200
Dichlorobromomethane	FB	Ave	25717 11610961	138830	546581	1394000	4961940	1.00 500	5.00	20.0	50.0	200
2-Chloroethyl vinyl ether	FB	LinF	5484 3936512	38078	176385	423677	1589914	1.00 500	5.00	20.0	50.0	200
Epichlorohydrin	CBZ	Ave	22247 9240282	110332	445910	1114951	4237138	20.0 10000	100	400	1000	4000
cis-1,3-Dichloropropene	CBZ	Ave	21416 9623521	115541	449334	1157271	4061718	1.00 500	5.00	20.0	50.0	200
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	125444 5429046	193441	246869	617376	2288257	10.0 500	15.0	20.0	50.0	200
Toluene	CBZ	Ave	45577 13911937	205340	696243	1747025	6151684	1.00 500	5.00	20.0	50.0	200
trans-1,3-Dichloropropene	CBZ	Ave	20121 8207621	94132	369201	952219	3400993	1.00 500	5.00	20.0	50.0	200
1,1,2-Trichloroethane	CBZ	Ave	11960 4768969	58895	232312	572825	2023395	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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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
Tetrachloroethene	CBZ	Ave	12838 5701036	65722	248785	681650	2380241	1.00 500	5.00	20.0	50.0	200
1,3-Dichloropropane	CBZ	Ave	22322 8336221	105923	416937	1048259	3639097	1.00 500	5.00	20.0	50.0	200
2-Hexanone	CBZ	Ave	74036 3191128	109274	137792	356037	1377040	10.0 500	15.0	20.0	50.0	200
n-Butyl acetate	CBZ	Ave	7564 3249943	37688	150082	387325	1421688	2.00 1000	10.0	40.0	100	400
Chlorodibromomethane	CBZ	Ave	20326 9704422	105399	447672	1153097	4092361	1.00 500	5.00	20.0	50.0	200
1,2-Dibromoethane	CBZ	Ave	19194 7765576	91780	371327	951877	3307067	1.00 500	5.00	20.0	50.0	200
Chlorobenzene	CBZ	Ave	27350 10881950	129893	533160	1342559	4697638	1.00 500	5.00	20.0	50.0	200
1,1,1,2-Tetrachloroethane	CBZ	Ave	15854 6254325	76555	294526	743810	2704922	1.00 500	5.00	20.0	50.0	200
Ethylbenzene	CBZ	Ave	8482 4076559	53121	190846	526078	1847310	1.00 500	5.00	20.0	50.0	200
m-Xylene & p-Xylene	CBZ	Ave	28531 10584954	144209	538442	1402299	4691716	2.00 1000	10.0	40.0	100	400
n-Butyl acrylate	CBZ	LinF	7269 4974967	47382	192493	548540	2051918	1.00 500	5.00	20.0	50.0	200
o-Xylene	CBZ	Ave	11249 5327616	68239	252249	665113	2325908	1.00 500	5.00	20.0	50.0	200
Styrene	CBZ	Ave	22257 9757075	121062	479267	1229765	4417048	1.00 500	5.00	20.0	50.0	200
Amyl acetate (mixed isomers)	DCB	Ave	17180 7413957	78357	296525	803858	3081155	1.00 500	5.00	20.0	50.0	200
Bromoform	CBZ	Ave	12172 6532969	64830	282725	717031	2672454	1.00 500	5.00	20.0	50.0	200
Isopropylbenzene	CBZ	Ave	31787 12516454	156619	582220	1546233	5352888	1.00 500	5.00	20.0	50.0	200
Camphene	CBZ	LinF	3766 1216659	15736	47817	129372	493214	1.00 500	5.00	20.0	50.0	200
1,1,2,2-Tetrachloroethane	DCB	Ave	21874 7851525	98211	385608	966527	3308027	1.00 500	5.00	20.0	50.0	200
trans-1,4-Dichloro-2-butene	DCB	Ave	2902 1529525	15984	65774	183194	676400	1.00 500	5.00	20.0	50.0	200
Bromobenzene	DCB	Ave	14180 5483745	63408	262694	666180	2305498	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichloropropane	DCB	Ave	4600 1893149	24954	96223	241970	788439	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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

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
N-Propylbenzene	DCB	Ave	34629 13586554	172603	644835	1738494	5862476	1.00 500	5.00	20.0	50.0	200
2-Chlorotoluene	DCB	Ave	17666 8737779	114544	402853	1068052	3816210	1.00 500	5.00	20.0	50.0	200
1,3,5-Trimethylbenzene	DCB	Ave	25166 9607609	121075	429800	1176589	4044491	1.00 500	5.00	20.0	50.0	200
Butyl Methacrylate	DCB	Ave	16565 8283162	80886	356768	926661	3365806	1.00 500	5.00	20.0	50.0	200
4-Chlorotoluene	DCB	Ave	32850 12295999	144651	588365	1523754	5002978	1.00 500	5.00	20.0	50.0	200
tert-Butylbenzene	DCB	Ave	24790 9649749	118451	433029	1135219	3824788	1.00 500	5.00	20.0	50.0	200
1,2,4-Trimethylbenzene	DCB	Ave	24288 10617370	120817	489362	1230311	4306760	1.00 500	5.00	20.0	50.0	200
2-Octanone	DCB	LinF	13790 11767048	64348	329397	999559	4510715	1.00 500	5.00	20.0	50.0	200
sec-Butylbenzene	DCB	Ave	29564 12322110	147842	554389	1507105	5052100	1.00 500	5.00	20.0	50.0	200
4-Isopropyltoluene	DCB	Ave	22511 9948587	114130	429817	1197428	3949939	1.00 500	5.00	20.0	50.0	200
1,3-Dichlorobenzene	DCB	Ave	15198 7153440	76866	314171	865345	2831573	1.00 500	5.00	20.0	50.0	200
1,4-Dichlorobenzene	DCB	Ave	20236 9371295	100105	390188	1076881	3834556	1.00 500	5.00	20.0	50.0	200
Benzyl chloride	DCB	Ave	14870 9241415	84930	373371	963279	3620023	1.00 500	5.00	20.0	50.0	200
n-Butylbenzene	DCB	Ave	20870 10035414	98976	378590	1064641	3780655	1.00 500	5.00	20.0	50.0	200
1,2-Dichlorobenzene	DCB	Ave	15102 8038288	86915	357910	904180	3253935	1.00 500	5.00	20.0	50.0	200
1,2-Dibromo-3-Chloropropane	DCB	Ave	3638 1901941	14443	66687	170821	697923	1.00 500	5.00	20.0	50.0	200
Camphor	DCB	Ave	6070 3470515	27176	113935	303946	1323390	5.00 2500	25.0	100	250	1000
1,2,4-Trichlorobenzene	DCB	LinF	2097 4665436	17069	127445	440208	1900906	1.00 500	5.00	20.0	50.0	200
Hexachlorobutadiene	DCB	Ave	7907 3451371	32588	126287	380928	1460984	1.00 500	5.00	20.0	50.0	200
Naphthalene	DCB	LinF	5401 7571154	23798	176097	644114	3232507	1.00 500	5.00	20.0	50.0	200
1,2,3-Trichlorobenzene	DCB	LinF	1572 3200178	10907	85672	321381	1425254	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.: 460-33168-1 Analy Batch No.: 89267

SDG No.: _____

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

Calibration Start Date: 10/12/2011 01:51 Calibration End Date: 10/12/2011 03:56 Calibration ID: 12658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2-Dichloroethane-d4 (Surr)	FB	Ave	585209 516945	600279	608902	593796	523915	50.0 50.0	50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZ	Ave	1311362 1184558	1356237	1370932	1376149	1174123	50.0 50.0	50.0	50.0	50.0	50.0
4-Bromofluorobenzene	DCB	Ave	563144 531351	579309	588594	609536	527081	50.0 50.0	50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD
LinF = Linear ISTD forced zero

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Lab Smp Id: IC-VMCAL1
 Inj Date : 12-OCT-2011 01:51
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL1
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 01:51 Cal File: j04490.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.612	2.594	(0.333)	15534	1.00000	1.0
3 Chloromethane	50	2.704	2.739	(0.345)	13918	1.00000	1.0
4 Vinyl Chloride	62	2.894	2.912	(0.369)	13649	1.00000	1.0
6 Bromomethane	94	3.286	3.293	(0.419)	13430	1.00000	1.0
5 Chloroethane	64	3.412	3.412	(0.435)	9259	1.00000	1.0
7 Trichlorofluoromethane	101	3.701	3.722	(0.472)	19881	1.00000	1.0
8 n-Pentane	72	3.802	3.787	(0.485)	803	1.00000	1.0(a)
10 Isoprene	67	4.066	4.061	(0.518)	11145	1.00000	1.0
11 Ethyl Ether	59	4.003	4.006	(0.510)	8158	1.00000	1.0
13 Acrolein	56	4.202	4.189	(0.536)	6755	4.00000	4.0
15 1,1-Dichloroethene	96	4.311	4.308	(0.550)	11788	1.00000	1.0
14 Freon TF	101	4.330	4.327	(0.552)	20434	1.00000	1.0
16 Acetone	58	4.374	4.364	(0.558)	6894	10.0000	10
17 Iodomethane	142	4.509	4.510	(0.575)	38338	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.609	4.593 (0.588)		43116	1.00000	1.0
21 Acetonitrile	39	4.746	4.702 (0.605)		1375	20.0000	20
27 Methyl Acetate	74	4.710	4.721 (0.601)		2937	1.00000	1.0
22 Methylene Chloride	84	4.856	4.866 (0.619)		15254	1.00000	1.0
24 TBA	59	4.953	4.949 (0.632)		17820	20.0000	20
25 trans-1,2-Dichloroethene	96	5.172	5.175 (0.659)		13969	1.00000	1.0
26 Acrylonitrile	53	5.172	5.148 (0.659)		3953	2.00000	2.0
28 MTBE	73	5.154	5.148 (0.657)		31118	1.00000	1.0
29 Hexane	56	5.454	5.459 (0.695)		4836	1.00000	1.0
30 1,1-Dichloroethane	63	5.673	5.677 (0.723)		31908	1.00000	1.0
31 Vinyl Acetate	43	5.710	5.686 (0.728)		49119	1.00000	1.0
32 DIPE	45	5.691	5.695 (0.726)		62381	1.00000	1.0
35 t-Butyl-ethyl-ether	59	6.156	6.130 (0.785)		41331	1.00000	1.0
37 2,2-Dichloropropane	77	6.383	6.385 (0.814)		20205	1.00000	1.0
36 cis-1,2-Dichloroethene	96	6.374	6.376 (0.813)		14011	1.00000	1.0
38 2-Butanone	72	6.383	6.385 (0.814)		7971	10.0000	10
39 Ethyl Acetate	70	6.447	6.404 (0.822)		3524	2.00000	2.0
40 Bromochloromethane	128	6.713	6.687 (0.856)		12686	1.00000	1.0
41 Tetrahydrofuran	42	6.740	6.733 (0.859)		2589	1.00000	1.0
42 Chloroform	83	6.758	6.770 (0.862)		29880	1.00000	1.0
43 1,1,1-Trichloroethane	97	7.033	7.025 (0.897)		20402	1.00000	1.0
44 Cyclohexane	56	7.124	7.098 (0.908)		11953	1.00000	1.0
45 Carbon Tetrachloride	117	7.233	7.234 (0.922)		19604	1.00000	1.0
46 1,1-Dichloropropene	75	7.224	7.216 (0.921)		21133	1.00000	1.0
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.435 (0.949)		585209	50.0000	50
48 Benzene	78	7.506	7.509 (0.664)		44616	1.00000	1.0
49 1,2-Dichloroethane	62	7.541	7.536 (0.962)		17466	1.00000	1.0
51 n-Heptane	57	7.760	7.756 (0.989)		1781	1.00000	1.0(a)
50 t-Amyl-methyl-ether	73	7.586	7.600 (0.967)		38549	1.00000	1.0
* 52 Fluorobenzene	96	7.842	7.838 (1.000)		1809006	50.0000	
54 Trichloroethene	95	8.287	8.287 (1.057)		16099	1.00000	1.0
53 n-Butanol	43	8.141	8.131 (1.038)		63581	500.000	500
56 Methyl cyclohexane	83	8.552	8.522 (1.091)		8945	1.00000	1.0
55 Ethyl Acrylate	55	8.370	8.368 (1.067)		16396	1.00000	1.0
57 1,2-Dichloropropane	63	8.571	8.585 (1.093)		18910	1.00000	1.0(T)
58 Dibromomethane	93	8.745	8.730 (1.115)		14054	1.00000	1.0
59 Methyl Methacrylate	100	8.653	8.649 (1.103)		3661	1.00000	1.0
75 Propyl Acetate	43	8.726	8.704 (1.113)		40018	2.00000	2.0
68 Bromodichloromethane	83	8.882	8.885 (1.133)		25717	1.00000	1.0
62 2-Chloroethyl Vinyl Ether	63	9.192	9.204 (1.172)		5484	1.00000	1.0
63 Epichlorohydrin	57	9.329	9.305 (0.826)		22247	20.0000	20
67 cis-1,3-Dichloropropene	75	9.402	9.396 (0.832)		21416	1.00000	1.0
70 4-Methyl-2-Pentanone	43	9.555	9.542 (0.846)		125444	10.0000	10
\$ 65 Toluene-d8 (SUR)	98	9.711	9.706 (0.860)		1311362	50.0000	50
66 Toluene	91	9.792	9.779 (0.867)		45577	1.00000	1.0
64 trans-1,3-Dichloropropene	75	10.027	10.018 (0.888)		20121	1.00000	1.0
69 1,1,2-Trichloroethane	83	10.225	10.228 (0.905)		11960	1.00000	1.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
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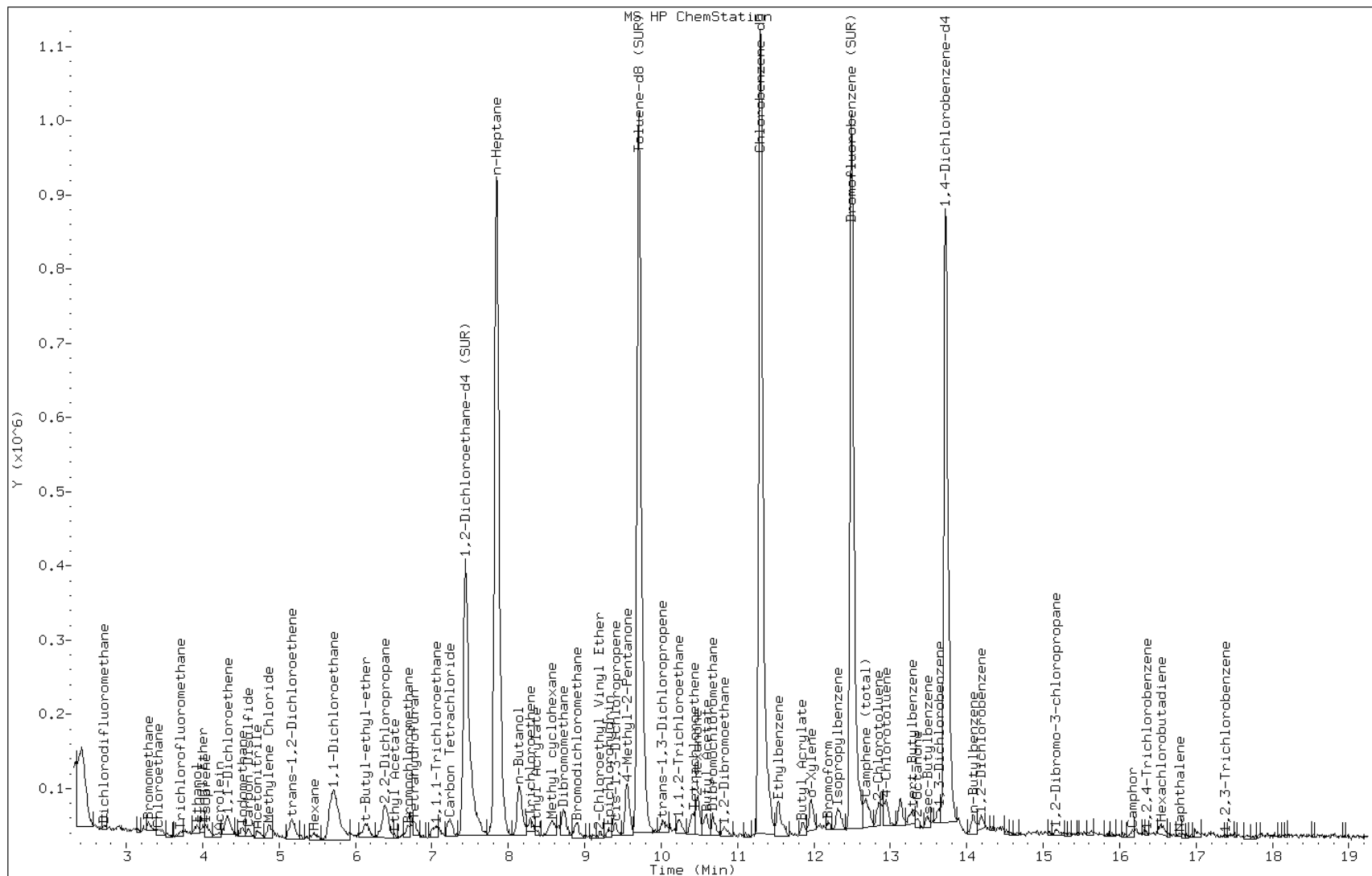
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.408	10.393	(0.921)	12838	1.00000	1.0
72 1,3-Dichloropropane	76	10.426	10.421	(0.923)	22322	1.00000	1.0
73 2-Hexanone	43	10.472	10.476	(0.927)	74036	10.0000	10
74 Dibromochloromethane	129	10.673	10.687	(0.945)	20326	1.00000	1.0
76 Butyl Acetate	73	10.600	10.586	(0.938)	7564	2.00000	2.0
77 1,2-Dibromoethane	107	10.828	10.825	(0.959)	19194	1.00000	1.0
* 78 Chlorobenzene-d5	117	11.295	11.296	(1.000)	1343117	50.0000	
79 Chlorobenzene	112	11.341	11.323	(1.004)	27350	1.00000	1.0
80 1,1,1,2-Tetrachloroethane	131	11.405	11.403	(1.010)	15854	1.00000	1.0
81 Ethylbenzene	106	11.414	11.412	(1.011)	8482	1.00000	1.0
82 m+p-Xylene	106	11.533	11.530	(1.021)	28531	2.00000	2.0
84 o-Xylene	106	11.954	11.949	(1.058)	11249	1.00000	1.0
85 Styrene	104	11.963	11.958	(1.059)	22257	1.00000	1.0
83 Butyl Acrylate	73	11.844	11.849	(1.049)	7269	1.00000	1.0
86 Bromoform	173	12.187	12.196	(1.079)	12172	1.00000	1.0
87 Amyl Acetate	43	12.081	12.068	(0.881)	17180	1.00000	1.0
88 Isopropylbenzene	105	12.314	12.306	(1.090)	31787	1.00000	1.0
\$ 89 Bromofluorobenzene (SUR)	174	12.489	12.488	(0.910)	563144	50.0000	50
90 Camphene (total)	41	12.599	12.598	(1.115)	3766	1.00000	1.0
91 Bromobenzene	156	12.672	12.672	(0.924)	14180	1.00000	1.0
92 1,1,2,2-Tetrachloroethane	83	12.608	12.617	(0.919)	21874	1.00000	1.0
93 1,2,3-Trichloropropane	110	12.690	12.672	(0.925)	4600	1.00000	1.0
94 trans-1,4-Dichloro-2-butene	53	12.672	12.663	(0.924)	2902	1.00000	1.0
95 n-Propylbenzene	91	12.727	12.727	(0.928)	34629	1.00000	1.0
96 2-Chlorotoluene	91	12.846	12.846	(0.936)	17666	1.00000	1.0
97 1,3,5-Trimethylbenzene	105	12.883	12.892	(0.939)	25166	1.00000	1.0
98 4-Chlorotoluene	91	12.972	12.956	(0.945)	32850	1.00000	1.0
99 Butyl Methacrylate	87	12.935	12.929	(0.943)	16565	1.00000	1.0
100 tert-Butylbenzene	119	13.264	13.248	(0.967)	24790	1.00000	1.0
101 1,2,4-Trimethylbenzene	105	13.292	13.293	(0.969)	24288	1.00000	1.0
102 2-Octanone	43	13.356	13.347	(0.973)	13790	1.00000	1.0
103 sec-Butylbenzene	105	13.483	13.483	(0.983)	29564	1.00000	1.0
105 1,3-Dichlorobenzene	146	13.664	13.655	(0.996)	15198	1.00000	1.0
107 p-Isopropyltoluene	119	13.628	13.621	(0.993)	22511	1.00000	1.0
* 108 1,4-Dichlorobenzene-d4	152	13.720	13.718	(1.000)	510915	50.0000	
109 1,4-Dichlorobenzene	146	13.747	13.745	(1.002)	20236	1.00000	1.0
110 Benzyl Chloride	91	13.894	13.898	(1.013)	14870	1.00000	1.0
106 n-Butylbenzene	91	14.084	14.081	(1.027)	20870	1.00000	1.0
111 1,2-Dichlorobenzene	146	14.194	14.191	(1.035)	15102	1.00000	1.0
112 1,2-Dibromo-3-chloropropane	75	15.164	15.153	(1.105)	3638	1.00000	1.0
113 Camphor	95	16.196	16.189	(1.180)	6070	5.00000	5.0
114 1,2,4-Trichlorobenzene	180	16.369	16.344	(1.193)	2097	1.00000	1.0
115 Hexachlorobutadiene	225	16.533	16.545	(1.205)	7907	1.00000	1.0
116 Naphthalene	128	16.781	16.781	(1.223)	5401	1.00000	1.0
117 1,2,3-Trichlorobenzene	180	17.191	17.192	(1.253)	1572	1.00000	1.0
M 120 1,2-Dichloroethene (Total)	100				27980	2.00000	2.0
M 121 Xylene (Total)	100				39780	3.00000	3.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04490.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

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

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Lab Smp Id: IC-VMCAL2
 Inj Date : 12-OCT-2011 02:17
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL2
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:17 Cal File: j04491.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.585	2.594	(0.330)	69138	5.00000	5.0
3 Chloromethane	50	2.732	2.739	(0.348)	58499	5.00000	4.4
4 Vinyl Chloride	62	2.896	2.912	(0.369)	60784	5.00000	4.6
6 Bromomethane	94	3.294	3.293	(0.420)	60208	5.00000	4.6
5 Chloroethane	64	3.404	3.412	(0.434)	37344	5.00000	4.3
7 Trichlorofluoromethane	101	3.732	3.722	(0.476)	109535	5.00000	5.1
8 n-Pentane	72	3.760	3.787	(0.480)	5023	5.00000	5.0
10 Isoprene	67	4.061	4.061	(0.518)	49039	5.00000	4.5
11 Ethyl Ether	59	4.006	4.006	(0.511)	39879	5.00000	4.8
13 Acrolein	56	4.198	4.189	(0.536)	32703	20.0000	19
15 1,1-Dichloroethene	96	4.315	4.308	(0.550)	59246	5.00000	4.9
14 Freon TF	101	4.315	4.327	(0.550)	93891	5.00000	4.6
16 Acetone	58	4.366	4.364	(0.557)	11209	15.0000	15
17 Iodomethane	142	4.512	4.510	(0.576)	166357	5.00000	4.5

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04491.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.603	4.593	(0.587)	182192	5.00000	4.4
21 Acetonitrile	39	4.713	4.702	(0.601)	12042	100.000	100
27 Methyl Acetate	74	4.713	4.721	(0.601)	14983	5.00000	4.9
22 Methylene Chloride	84	4.868	4.866	(0.621)	69699	5.00000	4.6
24 TBA	59	4.941	4.949	(0.630)	87433	100.000	96
25 trans-1,2-Dichloroethene	96	5.177	5.175	(0.661)	71210	5.00000	4.9
26 Acrylonitrile	53	5.152	5.148	(0.657)	25074	10.0000	11
28 MTBE	73	5.133	5.148	(0.655)	156684	5.00000	4.9
29 Hexane	56	5.451	5.459	(0.695)	19738	5.00000	4.4
30 1,1-Dichloroethane	63	5.678	5.677	(0.724)	133978	5.00000	4.4
31 Vinyl Acetate	43	5.696	5.686	(0.727)	188930	5.00000	4.9
32 DIPE	45	5.687	5.695	(0.725)	289135	5.00000	4.7
35 t-Butyl-ethyl-ether	59	6.142	6.130	(0.784)	215817	5.00000	5.0
37 2,2-Dichloropropane	77	6.389	6.385	(0.815)	103507	5.00000	4.9
36 cis-1,2-Dichloroethene	96	6.371	6.376	(0.813)	73735	5.00000	5.0
38 2-Butanone	72	6.380	6.385	(0.814)	14489	15.0000	16
39 Ethyl Acetate	70	6.435	6.404	(0.821)	16052	10.0000	9.3
40 Bromochloromethane	128	6.691	6.687	(0.854)	46428	5.00000	4.1
41 Tetrahydrofuran	42	6.746	6.733	(0.861)	13826	5.00000	5.0
42 Chloroform	83	6.764	6.770	(0.863)	137788	5.00000	4.7
43 1,1,1-Trichloroethane	97	7.029	7.025	(0.897)	106765	5.00000	5.0
44 Cyclohexane	56	7.102	7.098	(0.906)	59597	5.00000	4.8
45 Carbon Tetrachloride	117	7.238	7.234	(0.923)	100181	5.00000	4.9
46 1,1-Dichloropropene	75	7.211	7.216	(0.920)	95027	5.00000	4.6
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.431	7.435	(0.948)	600279	50.0000	49
48 Benzene	78	7.504	7.509	(0.664)	190710	5.00000	4.4
49 1,2-Dichloroethane	62	7.531	7.536	(0.961)	78953	5.00000	4.6
51 n-Heptane	57	7.756	7.756	(0.989)	9899	5.00000	5.0
50 t-Amyl-methyl-ether	73	7.603	7.600	(0.970)	184610	5.00000	4.8
* 52 Fluorobenzene	96	7.838	7.838	(1.000)	1911389	50.0000	
54 Trichloroethene	95	8.295	8.287	(1.058)	81142	5.00000	4.9
53 n-Butanol	43	8.131	8.131	(1.037)	115333	1000.00	920
56 Methyl cyclohexane	83	8.530	8.522	(1.088)	39378	5.00000	4.5
55 Ethyl Acrylate	55	8.377	8.368	(1.069)	78944	5.00000	4.8
57 1,2-Dichloropropane	63	8.585	8.585	(1.095)	85989	5.00000	4.6
58 Dibromomethane	93	8.728	8.730	(1.113)	72999	5.00000	5.0
59 Methyl Methacrylate	100	8.656	8.649	(1.104)	17285	5.00000	4.7
75 Propyl Acetate	43	8.709	8.704	(1.111)	207895	10.0000	9.9
68 Bromodichloromethane	83	8.883	8.885	(1.133)	138830	5.00000	5.0
62 2-Chloroethyl Vinyl Ether	63	9.200	9.204	(1.174)	38078	5.00000	5.7
63 Epichlorohydrin	57	9.301	9.305	(0.823)	110332	100.000	94
67 cis-1,3-Dichloropropene	75	9.390	9.396	(0.831)	115541	5.00000	4.9
70 4-Methyl-2-Pentanone	43	9.549	9.542	(0.845)	193441	15.0000	14
\$ 65 Toluene-d8 (SUR)	98	9.705	9.706	(0.859)	1356237	50.0000	48
66 Toluene	91	9.786	9.779	(0.866)	205340	5.00000	4.5
64 trans-1,3-Dichloropropene	75	10.011	10.018	(0.886)	94132	5.00000	4.6
69 1,1,2-Trichloroethane	83	10.229	10.228	(0.905)	58895	5.00000	4.7

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Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.394	10.393	(0.920)	65722	5.00000	4.8
72 1,3-Dichloropropane	76	10.422	10.421	(0.922)	105923	5.00000	4.6
73 2-Hexanone	43	10.477	10.476	(0.927)	109274	15.0000	14
74 Dibromochloromethane	129	10.682	10.687	(0.945)	105399	5.00000	4.8
76 Butyl Acetate	73	10.581	10.586	(0.936)	37688	10.0000	9.5
77 1,2-Dibromoethane	107	10.829	10.825	(0.958)	91780	5.00000	4.6
* 78 Chlorobenzene-d5	117	11.301	11.296	(1.000)	1488050	50.0000	
79 Chlorobenzene	112	11.328	11.323	(1.002)	129893	5.00000	4.6
80 1,1,1,2-Tetrachloroethane	131	11.402	11.403	(1.009)	76555	5.00000	4.6
81 Ethylbenzene	106	11.418	11.412	(1.010)	53121	5.00000	5.3
82 m+p-Xylene	106	11.528	11.530	(1.020)	144209	10.0000	9.5
84 o-Xylene	106	11.954	11.949	(1.058)	68239	5.00000	5.2
85 Styrene	104	11.962	11.958	(1.059)	121062	5.00000	5.0
83 Butyl Acrylate	73	11.846	11.849	(1.048)	47382	5.00000	5.0
86 Bromoform	173	12.199	12.196	(1.079)	64830	5.00000	4.9
87 Amyl Acetate	43	12.062	12.068	(0.879)	78357	5.00000	4.5
88 Isopropylbenzene	105	12.309	12.306	(1.089)	156619	5.00000	4.7
\$ 89 Bromofluorobenzene (SUR)	174	12.492	12.488	(0.910)	579309	50.0000	48
90 Camphene (total)	41	12.584	12.598	(1.114)	15736	5.00000	4.3
91 Bromobenzene	156	12.675	12.672	(0.924)	63408	5.00000	4.4
92 1,1,2,2-Tetrachloroethane	83	12.620	12.617	(0.919)	98211	5.00000	4.4
93 1,2,3-Trichloropropane	110	12.684	12.672	(0.924)	24954	5.00000	4.9
94 trans-1,4-Dichloro-2-butene	53	12.657	12.663	(0.922)	15984	5.00000	5.0
95 n-Propylbenzene	91	12.721	12.727	(0.927)	172603	5.00000	4.7
96 2-Chlorotoluene	91	12.850	12.846	(0.936)	114544	5.00000	5.4
97 1,3,5-Trimethylbenzene	105	12.886	12.892	(0.939)	121075	5.00000	4.6
98 4-Chlorotoluene	91	12.950	12.956	(0.944)	144651	5.00000	4.4
99 Butyl Methacrylate	87	12.932	12.929	(0.942)	80886	5.00000	4.7
100 tert-Butylbenzene	119	13.239	13.248	(0.965)	118451	5.00000	4.6
101 1,2,4-Trimethylbenzene	105	13.294	13.293	(0.969)	120817	5.00000	4.7
102 2-Octanone	43	13.358	13.347	(0.973)	64348	5.00000	5.0
103 sec-Butylbenzene	105	13.477	13.483	(0.982)	147842	5.00000	4.7
105 1,3-Dichlorobenzene	146	13.651	13.655	(0.995)	76866	5.00000	4.7
107 p-Isopropyltoluene	119	13.624	13.621	(0.993)	114130	5.00000	4.8
* 108 1,4-Dichlorobenzene-d4	152	13.725	13.718	(1.000)	571735	50.0000	
109 1,4-Dichlorobenzene	146	13.743	13.745	(1.001)	100105	5.00000	4.7
110 Benzyl Chloride	91	13.890	13.898	(1.012)	84930	5.00000	5.0
106 n-Butylbenzene	91	14.080	14.081	(1.026)	98976	5.00000	4.6
111 1,2-Dichlorobenzene	146	14.189	14.191	(1.034)	86915	5.00000	5.1
112 1,2-Dibromo-3-chloropropane	75	15.165	15.153	(1.105)	14443	5.00000	4.2
113 Camphor	95	16.185	16.189	(1.179)	27176	25.0000	22
114 1,2,4-Trichlorobenzene	180	16.330	16.344	(1.190)	17069	5.00000	5.0
115 Hexachlorobutadiene	225	16.539	16.545	(1.205)	32588	5.00000	4.2
116 Naphthalene	128	16.793	16.781	(1.224)	23798	5.00000	4.9
117 1,2,3-Trichlorobenzene	180	17.194	17.192	(1.253)	10907	5.00000	5.0
M 120 1,2-Dichloroethene (Total)	100				144945	10.0000	9.9
M 121 Xylene (Total)	100				212448	15.0000	15

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Lab Smp Id: ICIS-VMCAL3
 Inj Date : 12-OCT-2011 02:42
 Operator : Inst ID: VOAMS8.i
 Smp Info : ICIS-VMCAL3
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.594	2.594	(0.331)	366126	20.0000	20
3 Chloromethane	50		2.739	2.739	(0.349)	211797	20.0000	17
4 Vinyl Chloride	62		2.912	2.912	(0.371)	236996	20.0000	19
6 Bromomethane	94		3.293	3.293	(0.420)	224991	20.0000	18
5 Chloroethane	64		3.412	3.412	(0.435)	137259	20.0000	17
7 Trichlorofluoromethane	101		3.722	3.722	(0.475)	488108	20.0000	22
8 n-Pentane	72		3.787	3.787	(0.483)	21894	20.0000	20
10 Isoprene	67		4.061	4.061	(0.518)	184383	20.0000	18
11 Ethyl Ether	59		4.006	4.006	(0.511)	159694	20.0000	20
13 Acrolein	56		4.189	4.189	(0.534)	59352	40.0000	37
15 1,1-Dichloroethene	96		4.308	4.308	(0.550)	193968	20.0000	17
14 Freon TF	101		4.327	4.327	(0.552)	354635	20.0000	18
16 Acetone	58		4.364	4.364	(0.557)	13692	20.0000	19
17 Iodomethane	142		4.510	4.510	(0.575)	618524	20.0000	18

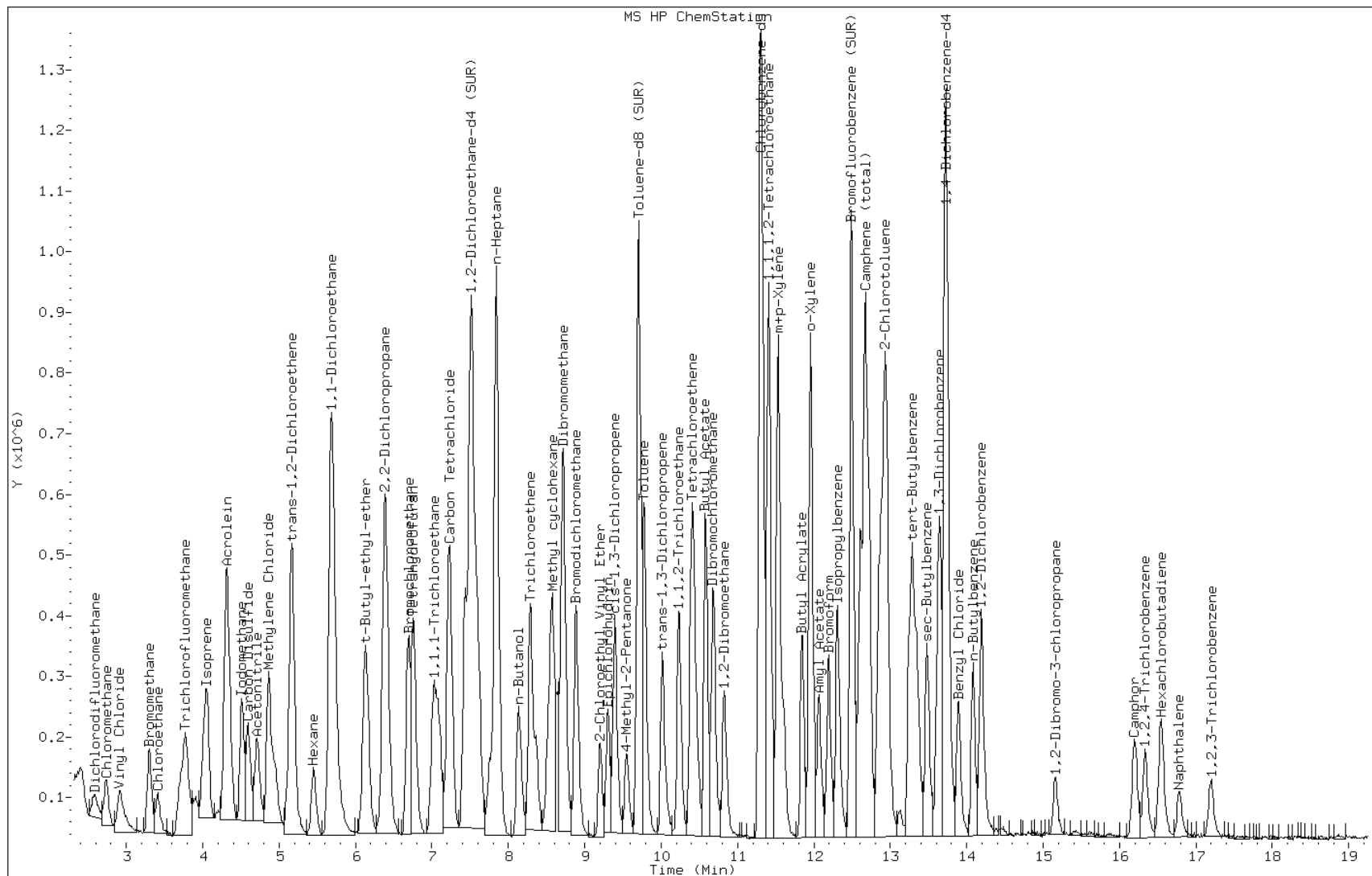
Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.593	4.593	(0.586)	611621	20.0000	16
21 Acetonitrile	39	4.702	4.702	(0.600)	47173	400.000	400
27 Methyl Acetate	74	4.721	4.721	(0.602)	46034	20.0000	17
22 Methylene Chloride	84	4.866	4.866	(0.621)	268993	20.0000	19
24 TBA	59	4.949	4.949	(0.631)	325497	400.000	380
25 trans-1,2-Dichloroethene	96	5.175	5.175	(0.660)	246471	20.0000	18
26 Acrylonitrile	53	5.148	5.148	(0.657)	49665	20.0000	21
28 MTBE	73	5.148	5.148	(0.657)	577338	20.0000	19
29 Hexane	56	5.459	5.459	(0.696)	67292	20.0000	16
30 1,1-Dichloroethane	63	5.677	5.677	(0.724)	500203	20.0000	18
31 Vinyl Acetate	43	5.686	5.686	(0.725)	699346	20.0000	20
32 DIPE	45	5.695	5.695	(0.727)	1057430	20.0000	18
35 t-Butyl-ethyl-ether	59	6.130	6.130	(0.782)	804958	20.0000	19
37 2,2-Dichloropropane	77	6.385	6.385	(0.815)	357481	20.0000	18
36 cis-1,2-Dichloroethene	96	6.376	6.376	(0.813)	276995	20.0000	19
38 2-Butanone	72	6.385	6.385	(0.815)	18010	20.0000	20
39 Ethyl Acetate	70	6.404	6.404	(0.817)	54342	40.0000	34
40 Bromochloromethane	128	6.687	6.687	(0.853)	188171	20.0000	18
41 Tetrahydrofuran	42	6.733	6.733	(0.859)	57262	20.0000	21
42 Chloroform	83	6.770	6.770	(0.864)	537709	20.0000	19
43 1,1,1-Trichloroethane	97	7.025	7.025	(0.896)	400856	20.0000	19
44 Cyclohexane	56	7.098	7.098	(0.906)	230209	20.0000	19
45 Carbon Tetrachloride	117	7.234	7.234	(0.923)	356287	20.0000	18
46 1,1-Dichloropropene	75	7.216	7.216	(0.921)	351458	20.0000	18
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.435	7.435	(0.949)	608902	50.0000	51
48 Benzene	78	7.509	7.509	(0.665)	703865	20.0000	18
49 1,2-Dichloroethane	62	7.536	7.536	(0.961)	309358	20.0000	19
51 n-Heptane	57	7.756	7.756	(0.989)	36754	20.0000	20
50 t-Amyl-methyl-ether	73	7.600	7.600	(0.970)	670472	20.0000	18
* 52 Fluorobenzene	96	7.838	7.838	(1.000)	1871130	50.0000	
54 Trichloroethene	95	8.287	8.287	(1.057)	292988	20.0000	19
53 n-Butanol	43	8.131	8.131	(1.037)	191921	1500.00	1500
56 Methyl cyclohexane	83	8.522	8.522	(1.087)	160012	20.0000	19
55 Ethyl Acrylate	55	8.368	8.368	(1.067)	313582	20.0000	20
57 1,2-Dichloropropane	63	8.585	8.585	(1.095)	312993	20.0000	18
58 Dibromomethane	93	8.730	8.730	(1.114)	285214	20.0000	20
59 Methyl Methacrylate	100	8.649	8.649	(1.103)	67808	20.0000	19
75 Propyl Acetate	43	8.704	8.704	(1.110)	797728	40.0000	39
68 Bromodichloromethane	83	8.885	8.885	(1.134)	546581	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.204	9.204	(1.174)	176385	20.0000	24
63 Epichlorohydrin	57	9.305	9.305	(0.824)	445910	400.000	410
67 cis-1,3-Dichloropropene	75	9.396	9.396	(0.832)	449334	20.0000	21
70 4-Methyl-2-Pentanone	43	9.542	9.542	(0.845)	246869	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.706	9.706	(0.859)	1370932	50.0000	52
66 Toluene	91	9.779	9.779	(0.866)	696243	20.0000	18
64 trans-1,3-Dichloropropene	75	10.018	10.018	(0.887)	369201	20.0000	20
69 1,1,2-Trichloroethane	83	10.228	10.228	(0.905)	232312	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04492.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.393	10.393	(0.920)	248785	20.0000	20
72 1,3-Dichloropropane	76	10.421	10.421	(0.923)	416937	20.0000	20
73 2-Hexanone	43	10.476	10.476	(0.927)	137792	20.0000	20
74 Dibromochloromethane	129	10.687	10.687	(0.946)	447672	20.0000	22
76 Butyl Acetate	73	10.586	10.586	(0.937)	150082	40.0000	41
77 1,2-Dibromoethane	107	10.825	10.825	(0.958)	371327	20.0000	20
* 78 Chlorobenzene-d5	117	11.296	11.296	(1.000)	1360082	50.0000	
79 Chlorobenzene	112	11.323	11.323	(1.002)	533160	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	11.403	11.403	(1.009)	294526	20.0000	20
81 Ethylbenzene	106	11.412	11.412	(1.010)	190846	20.0000	20
82 m+p-Xylene	106	11.530	11.530	(1.021)	538442	40.0000	39
84 o-Xylene	106	11.949	11.949	(1.058)	252249	20.0000	21
85 Styrene	104	11.958	11.958	(1.059)	479267	20.0000	21
83 Butyl Acrylate	73	11.849	11.849	(1.049)	192493	20.0000	20
86 Bromoform	173	12.196	12.196	(1.080)	282725	20.0000	22
87 Amyl Acetate	43	12.068	12.068	(0.880)	296525	20.0000	18
88 Isopropylbenzene	105	12.306	12.306	(1.089)	582220	20.0000	19
\$ 89 Bromofluorobenzene (SUR)	174	12.488	12.488	(0.910)	588594	50.0000	49
90 Camphene (total)	41	12.598	12.598	(1.115)	47817	20.0000	16
91 Bromobenzene	156	12.672	12.672	(0.924)	262694	20.0000	19
92 1,1,2,2-Tetrachloroethane	83	12.617	12.617	(0.920)	385608	20.0000	18
93 1,2,3-Trichloropropane	110	12.672	12.672	(0.924)	96223	20.0000	19
94 trans-1,4-Dichloro-2-butene	53	12.663	12.663	(0.923)	65774	20.0000	20
95 n-Propylbenzene	91	12.727	12.727	(0.928)	644835	20.0000	18
96 2-Chlorotoluene	91	12.846	12.846	(0.936)	402853	20.0000	19
97 1,3,5-Trimethylbenzene	105	12.892	12.892	(0.940)	429800	20.0000	17
98 4-Chlorotoluene	91	12.956	12.956	(0.944)	588365	20.0000	18
99 Butyl Methacrylate	87	12.929	12.929	(0.942)	356768	20.0000	20
100 tert-Butylbenzene	119	13.248	13.248	(0.966)	433029	20.0000	18
101 1,2,4-Trimethylbenzene	105	13.293	13.293	(0.969)	489362	20.0000	19
102 2-Octanone	43	13.347	13.347	(0.973)	329397	20.0000	20
103 sec-Butylbenzene	105	13.483	13.483	(0.983)	554389	20.0000	18
105 1,3-Dichlorobenzene	146	13.655	13.655	(0.995)	314171	20.0000	19
107 p-Isopropyltoluene	119	13.621	13.621	(0.993)	429817	20.0000	18
* 108 1,4-Dichlorobenzene-d4	152	13.718	13.718	(1.000)	577199	50.0000	
109 1,4-Dichlorobenzene	146	13.745	13.745	(1.002)	390188	20.0000	19
110 Benzyl Chloride	91	13.898	13.898	(1.013)	373371	20.0000	21
106 n-Butylbenzene	91	14.081	14.081	(1.026)	378590	20.0000	18
111 1,2-Dichlorobenzene	146	14.191	14.191	(1.034)	357910	20.0000	20
112 1,2-Dibromo-3-chloropropane	75	15.153	15.153	(1.105)	66687	20.0000	19
113 Camphor	95	16.189	16.189	(1.180)	113935	100.000	95
114 1,2,4-Trichlorobenzene	180	16.344	16.344	(1.191)	127445	20.0000	20
115 Hexachlorobutadiene	225	16.545	16.545	(1.206)	126287	20.0000	17
116 Naphthalene	128	16.781	16.781	(1.223)	176097	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.192	17.192	(1.253)	85672	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				523466	40.0000	38
M 121 Xylene (Total)	100				790691	60.0000	60

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Lab Smp Id: IC-VMCAL4
 Inj Date : 12-OCT-2011 03:07
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL4
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

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						AMOUNTS	
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON-COL (ug/L)
=====	=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85		2.577	2.594	(0.328)	924495	50.0000	50
3 Chloromethane	50		2.742	2.739	(0.349)	530295	50.0000	47
4 Vinyl Chloride	62		2.933	2.912	(0.374)	622826	50.0000	51
6 Bromomethane	94		3.304	3.293	(0.421)	573933	50.0000	49
5 Chloroethane	64		3.412	3.412	(0.435)	347039	50.0000	47
7 Trichlorofluoromethane	101		3.714	3.722	(0.473)	1205673	50.0000	55
8 n-Pentane	72		3.769	3.787	(0.480)	56600	50.0000	50
10 Isoprene	67		4.052	4.061	(0.516)	519555	50.0000	53
11 Ethyl Ether	59		4.007	4.006	(0.510)	415398	50.0000	53
13 Acrolein	56		4.190	4.189	(0.534)	140915	100.000	94
15 1,1-Dichloroethene	96		4.316	4.308	(0.550)	550987	50.0000	51
14 Freon TF	101		4.325	4.327	(0.551)	989560	50.0000	53
16 Acetone	58		4.362	4.364	(0.556)	34076	50.0000	50
17 Iodomethane	142		4.514	4.510	(0.575)	1660828	50.0000	50

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.594	4.593	(0.585)	1645573	50.0000	48
21 Acetonitrile	39	4.704	4.702	(0.599)	111650	1000.00	1000
27 Methyl Acetate	74	4.712	4.721	(0.600)	124048	50.0000	48
22 Methylene Chloride	84	4.865	4.866	(0.620)	668042	50.0000	49
24 TBA	59	4.954	4.949	(0.631)	851209	1000.00	1000
25 trans-1,2-Dichloroethene	96	5.172	5.175	(0.659)	653911	50.0000	50
26 Acrylonitrile	53	5.144	5.148	(0.655)	128089	50.0000	56
28 MTBE	73	5.153	5.148	(0.657)	1454686	50.0000	50
29 Hexane	56	5.452	5.459	(0.695)	197247	50.0000	50
30 1,1-Dichloroethane	63	5.671	5.677	(0.722)	1273088	50.0000	48
31 Vinyl Acetate	43	5.689	5.686	(0.725)	1698209	50.0000	50
32 DIPE	45	5.698	5.695	(0.726)	2637284	50.0000	48
35 t-Butyl-ethyl-ether	59	6.135	6.130	(0.782)	2042990	50.0000	51
37 2,2-Dichloropropane	77	6.390	6.385	(0.814)	921664	50.0000	49
36 cis-1,2-Dichloroethene	96	6.381	6.376	(0.813)	710927	50.0000	52
38 2-Butanone	72	6.381	6.385	(0.813)	46832	50.0000	54
39 Ethyl Acetate	70	6.418	6.404	(0.818)	129620	100.000	89
40 Bromochloromethane	128	6.683	6.687	(0.851)	477990	50.0000	48
41 Tetrahydrofuran	42	6.729	6.733	(0.857)	134511	50.0000	51
42 Chloroform	83	6.757	6.770	(0.861)	1389535	50.0000	51
43 1,1,1-Trichloroethane	97	7.021	7.025	(0.894)	1098320	50.0000	54
44 Cyclohexane	56	7.085	7.098	(0.903)	609287	50.0000	53
45 Carbon Tetrachloride	117	7.240	7.234	(0.922)	1014718	50.0000	54
46 1,1-Dichloropropene	75	7.223	7.216	(0.920)	928956	50.0000	50
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.429	7.435	(0.947)	593796	50.0000	51
48 Benzene	78	7.512	7.509	(0.665)	1834858	50.0000	50
49 1,2-Dichloroethane	62	7.530	7.536	(0.959)	801492	50.0000	51
51 n-Heptane	57	7.759	7.756	(0.989)	179715	50.0000	52
50 t-Amyl-methyl-ether	73	7.594	7.600	(0.968)	1707581	50.0000	49
* 52 Fluorobenzene	96	7.849	7.838	(1.000)	1783334	50.0000	
54 Trichloroethene	95	8.294	8.287	(1.057)	772726	50.0000	51
53 n-Butanol	43	8.131	8.131	(1.036)	250714	2000.00	2100
56 Methyl cyclohexane	83	8.522	8.522	(1.086)	436381	50.0000	54
55 Ethyl Acrylate	55	8.367	8.368	(1.066)	777226	50.0000	51
57 1,2-Dichloropropane	63	8.568	8.585	(1.092)	814297	50.0000	49
58 Dibromomethane	93	8.724	8.730	(1.111)	696181	50.0000	51
59 Methyl Methacrylate	100	8.651	8.649	(1.102)	171862	50.0000	51
75 Propyl Acetate	43	8.706	8.704	(1.109)	1977463	100.000	100
68 Bromodichloromethane	83	8.887	8.885	(1.132)	1394000	50.0000	53
62 2-Chloroethyl Vinyl Ether	63	9.199	9.204	(1.172)	423677	50.0000	58
63 Epichlorohydrin	57	9.300	9.305	(0.823)	1114951	1000.00	1000
67 cis-1,3-Dichloropropene	75	9.401	9.396	(0.832)	1157271	50.0000	54
70 4-Methyl-2-Pentanone	43	9.556	9.542	(0.846)	617376	50.0000	51
\$ 65 Toluene-d8 (SUR)	98	9.710	9.706	(0.859)	1376149	50.0000	53
66 Toluene	91	9.783	9.779	(0.866)	1747025	50.0000	47
64 trans-1,3-Dichloropropene	75	10.019	10.018	(0.887)	952219	50.0000	52
69 1,1,2-Trichloroethane	83	10.237	10.228	(0.906)	572825	50.0000	51

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04493.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.393	10.393	(0.920)	681650	50.0000	55
72 1,3-Dichloropropane	76	10.421	10.421	(0.922)	1048259	50.0000	51
73 2-Hexanone	43	10.476	10.476	(0.927)	356037	50.0000	52
74 Dibromochloromethane	129	10.687	10.687	(0.946)	1153097	50.0000	55
76 Butyl Acetate	73	10.586	10.586	(0.937)	387325	100.000	110
77 1,2-Dibromoethane	107	10.824	10.825	(0.958)	951877	50.0000	53
* 78 Chlorobenzene-d5	117	11.300	11.296	(1.000)	1315775	50.0000	
79 Chlorobenzene	112	11.325	11.323	(1.002)	1342559	50.0000	52
80 1,1,1,2-Tetrachloroethane	131	11.408	11.403	(1.010)	743810	50.0000	51
81 Ethylbenzene	106	11.417	11.412	(1.010)	526078	50.0000	56
82 m+p-Xylene	106	11.532	11.530	(1.021)	1402299	100.000	100
84 o-Xylene	106	11.946	11.949	(1.057)	665113	50.0000	55
85 Styrene	104	11.964	11.958	(1.059)	1229765	50.0000	54
83 Butyl Acrylate	73	11.838	11.849	(1.048)	548540	50.0000	51
86 Bromoform	173	12.190	12.196	(1.079)	717031	50.0000	56
87 Amyl Acetate	43	12.065	12.068	(0.879)	803858	50.0000	49
88 Isopropylbenzene	105	12.309	12.306	(1.089)	1546233	50.0000	52
\$ 89 Bromofluorobenzene (SUR)	174	12.490	12.488	(0.910)	609536	50.0000	51
90 Camphene (total)	41	12.597	12.598	(1.115)	129372	50.0000	46
91 Bromobenzene	156	12.671	12.672	(0.924)	666180	50.0000	49
92 1,1,2,2-Tetrachloroethane	83	12.616	12.617	(0.920)	966527	50.0000	47
93 1,2,3-Trichloropropane	110	12.680	12.672	(0.924)	241970	50.0000	49
94 trans-1,4-Dichloro-2-butene	53	12.671	12.663	(0.924)	183194	50.0000	55
95 n-Propylbenzene	91	12.724	12.727	(0.928)	1738494	50.0000	50
96 2-Chlorotoluene	91	12.844	12.846	(0.936)	1068052	50.0000	51
97 1,3,5-Trimethylbenzene	105	12.889	12.892	(0.940)	1176589	50.0000	49
98 4-Chlorotoluene	91	12.954	12.956	(0.944)	1523754	50.0000	49
99 Butyl Methacrylate	87	12.926	12.929	(0.942)	926661	50.0000	53
100 tert-Butylbenzene	119	13.246	13.248	(0.966)	1135219	50.0000	48
101 1,2,4-Trimethylbenzene	105	13.292	13.293	(0.969)	1230311	50.0000	49
102 2-Octanone	43	13.347	13.347	(0.973)	999559	50.0000	51
103 sec-Butylbenzene	105	13.484	13.483	(0.983)	1507105	50.0000	50
105 1,3-Dichlorobenzene	146	13.655	13.655	(0.995)	865345	50.0000	53
107 p-Isopropyltoluene	119	13.620	13.621	(0.993)	1197428	50.0000	52
* 108 1,4-Dichlorobenzene-d4	152	13.718	13.718	(1.000)	566059	50.0000	
109 1,4-Dichlorobenzene	146	13.746	13.745	(1.002)	1076881	50.0000	52
110 Benzyl Chloride	91	13.888	13.898	(1.012)	963279	50.0000	54
106 n-Butylbenzene	91	14.079	14.081	(1.026)	1064641	50.0000	52
111 1,2-Dichlorobenzene	146	14.199	14.191	(1.035)	904180	50.0000	52
112 1,2-Dibromo-3-chloropropane	75	15.155	15.153	(1.105)	170821	50.0000	50
113 Camphor	95	16.204	16.189	(1.181)	303946	250.000	260
114 1,2,4-Trichlorobenzene	180	16.332	16.344	(1.191)	440208	50.0000	52
115 Hexachlorobutadiene	225	16.549	16.545	(1.206)	380928	50.0000	52
116 Naphthalene	128	16.777	16.781	(1.223)	644114	50.0000	52
117 1,2,3-Trichlorobenzene	180	17.202	17.192	(1.254)	321381	50.0000	52
M 120 1,2-Dichloroethene (Total)	100				1364838	100.000	100
M 121 Xylene (Total)	100				2067412	150.000	160

Data File: j04493.d

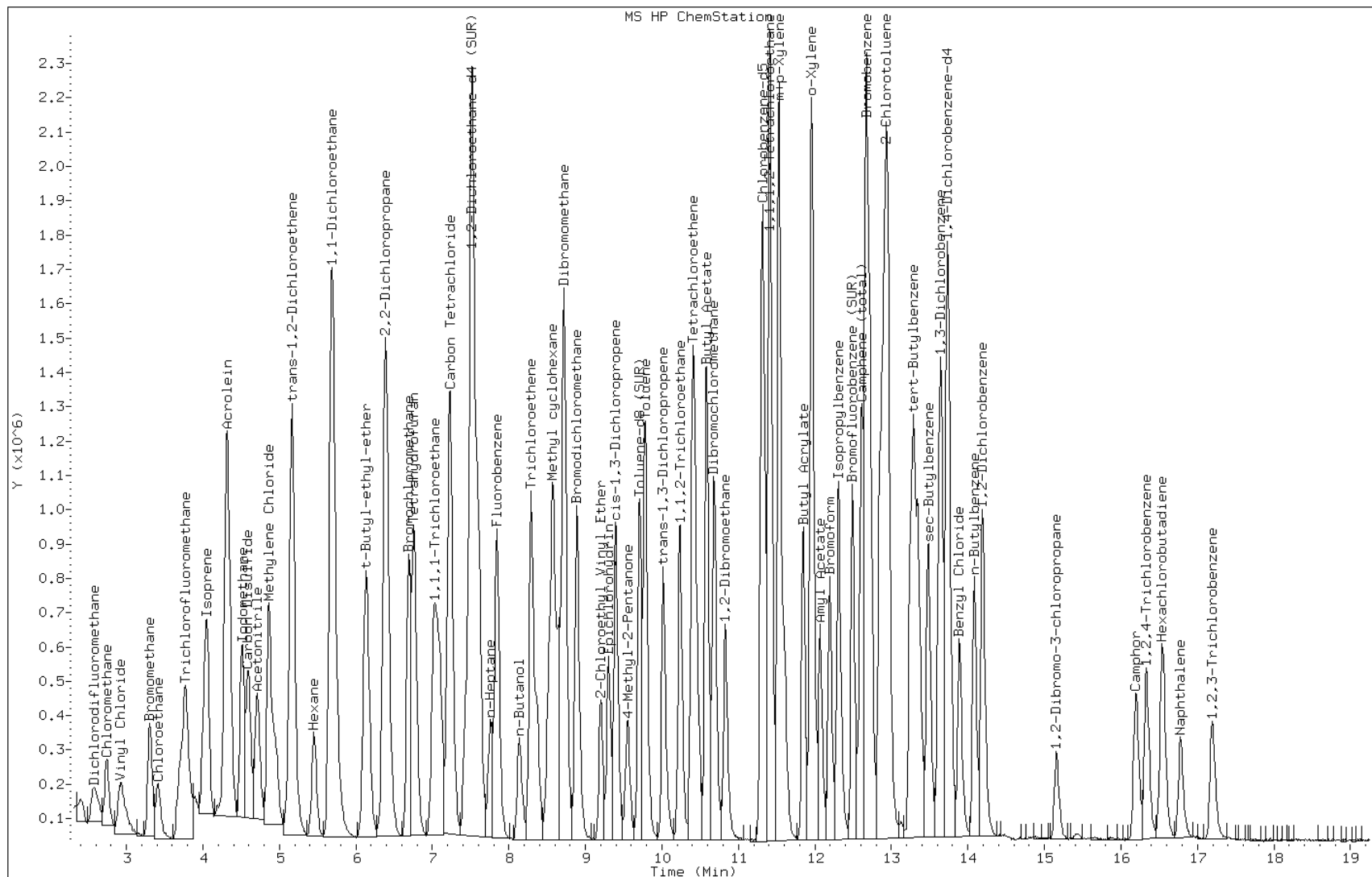
Date: 12-OCT-2011 03:07

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL4

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Lab Smp Id: IC-VMCAL5
 Inj Date : 12-OCT-2011 03:32
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL5
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.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: $\text{Amt} * \text{DF} * (\text{Vt}/\text{Ws}) / ((100 - \text{M}) / 100) * \text{CpndVariable}$

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					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.574	2.594	(0.328)	3518761	200.000	200
3 Chloromethane	50	2.756	2.739	(0.351)	2124591	200.000	200
4 Vinyl Chloride	62	2.947	2.912	(0.376)	2394662	200.000	210
6 Bromomethane	94	3.310	3.293	(0.422)	2028804	200.000	190
5 Chloroethane	64	3.420	3.412	(0.436)	1280379	200.000	190
7 Trichlorofluoromethane	101	3.730	3.722	(0.475)	4547859	200.000	220
8 n-Pentane	72	3.776	3.787	(0.481)	218336	200.000	200
10 Isoprene	67	4.049	4.061	(0.516)	1933803	200.000	210
11 Ethyl Ether	59	4.004	4.006	(0.510)	1499719	200.000	200
13 Acrolein	56	4.187	4.189	(0.534)	247300	200.000	180
15 1,1-Dichloroethene	96	4.306	4.308	(0.549)	2028964	200.000	200
14 Freon TF	101	4.315	4.327	(0.550)	3788640	200.000	220
16 Acetone	58	4.351	4.364	(0.555)	129321	200.000	200
17 Iodomethane	142	4.513	4.510	(0.575)	6017123	200.000	200

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.594	4.593	(0.586)	6422009	200.000	200
21 Acetonitrile	39	4.695	4.702	(0.598)	433642	4000.00	4000
27 Methyl Acetate	74	4.714	4.721	(0.601)	444448	200.000	190
22 Methylene Chloride	84	4.858	4.866	(0.619)	2394935	200.000	190
24 TBA	59	4.949	4.949	(0.631)	3155306	4000.00	4100
25 trans-1,2-Dichloroethene	96	5.169	5.175	(0.659)	2336951	200.000	200
26 Acrylonitrile	53	5.142	5.148	(0.655)	256410	100.000	120
28 MTBE	73	5.151	5.148	(0.656)	5257850	200.000	200
29 Hexane	56	5.443	5.459	(0.694)	712842	200.000	200
30 1,1-Dichloroethane	63	5.671	5.677	(0.723)	4544379	200.000	190
31 Vinyl Acetate	43	5.690	5.686	(0.725)	5898424	200.000	200
32 DIPE	45	5.690	5.695	(0.725)	9386261	200.000	190
35 t-Butyl-ethyl-ether	59	6.136	6.130	(0.782)	7569436	200.000	200
37 2,2-Dichloropropane	77	6.390	6.385	(0.814)	3395200	200.000	200
36 cis-1,2-Dichloroethene	96	6.372	6.376	(0.812)	2601609	200.000	200
38 2-Butanone	72	6.372	6.385	(0.812)	186788	200.000	220
39 Ethyl Acetate	70	6.417	6.404	(0.818)	481125	400.000	360
40 Bromochloromethane	128	6.682	6.687	(0.852)	1683475	200.000	180
41 Tetrahydrofuran	42	6.737	6.733	(0.859)	495332	200.000	200(A)
42 Chloroform	83	6.765	6.770	(0.862)	4938825	200.000	200
43 1,1,1-Trichloroethane	97	7.028	7.025	(0.896)	4102884	200.000	210
44 Cyclohexane	56	7.098	7.098	(0.905)	2360135	200.000	220
45 Carbon Tetrachloride	117	7.236	7.234	(0.922)	3714696	200.000	210
46 1,1-Dichloropropene	75	7.217	7.216	(0.920)	3356623	200.000	200
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.436	7.435	(0.948)	523915	50.0000	49
48 Benzene	78	7.509	7.509	(0.664)	6322402	200.000	200
49 1,2-Dichloroethane	62	7.527	7.536	(0.959)	2814220	200.000	190
51 n-Heptane	57	7.755	7.756	(0.988)	752802	200.000	200
50 t-Amyl-methyl-ether	73	7.599	7.600	(0.968)	6220614	200.000	190
* 52 Fluorobenzene	96	7.847	7.838	(1.000)	1656642	50.0000	
54 Trichloroethene	95	8.285	8.287	(1.056)	2767896	200.000	200
53 n-Butanol	43	8.130	8.131	(1.036)	309390	2500.00	2700
56 Methyl cyclohexane	83	8.522	8.522	(1.086)	1637409	200.000	210
55 Ethyl Acrylate	55	8.367	8.368	(1.066)	2942439	200.000	200
57 1,2-Dichloropropane	63	8.576	8.585	(1.093)	2807726	200.000	190
58 Dibromomethane	93	8.723	8.730	(1.112)	2466417	200.000	190
59 Methyl Methacrylate	100	8.659	8.649	(1.104)	603280	200.000	190
75 Propyl Acetate	43	8.705	8.704	(1.109)	7045164	400.000	390
68 Bromodichloromethane	83	8.888	8.885	(1.133)	4961940	200.000	200
62 2-Chloroethyl Vinyl Ether	63	9.198	9.204	(1.172)	1589914	200.000	220
63 Epichlorohydrin	57	9.307	9.305	(0.824)	4237138	4000.00	4400
67 cis-1,3-Dichloropropene	75	9.398	9.396	(0.832)	4061718	200.000	210
70 4-Methyl-2-Pentanone	43	9.554	9.542	(0.845)	2288257	200.000	220
\$ 65 Toluene-d8 (SUR)	98	9.708	9.706	(0.859)	1174123	50.0000	52
66 Toluene	91	9.781	9.779	(0.865)	6151684	200.000	190
64 trans-1,3-Dichloropropene	75	10.019	10.018	(0.886)	3400993	200.000	210
69 1,1,2-Trichloroethane	83	10.230	10.228	(0.905)	2023395	200.000	200

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.395	10.393	(0.920)	2380241	200.000	220
72 1,3-Dichloropropane	76	10.422	10.421	(0.922)	3639097	200.000	200
73 2-Hexanone	43	10.477	10.476	(0.927)	1377040	200.000	220
74 Dibromochloromethane	129	10.688	10.687	(0.946)	4092361	200.000	220
76 Butyl Acetate	73	10.578	10.586	(0.936)	1421688	400.000	440
77 1,2-Dibromoethane	107	10.826	10.825	(0.958)	3307067	200.000	210
* 78 Chlorobenzene-d5	117	11.302	11.296	(1.000)	1145191	50.0000	
79 Chlorobenzene	112	11.329	11.323	(1.002)	4697638	200.000	210
80 1,1,1,2-Tetrachloroethane	131	11.403	11.403	(1.009)	2704922	200.000	210
81 Ethylbenzene	106	11.412	11.412	(1.010)	1847310	200.000	220
82 m+p-Xylene	106	11.532	11.530	(1.020)	4691716	400.000	400
84 o-Xylene	106	11.949	11.949	(1.057)	2325908	200.000	220
85 Styrene	104	11.966	11.958	(1.059)	4417048	200.000	220
83 Butyl Acrylate	73	11.848	11.849	(1.048)	2051918	200.000	200
86 Bromoform	173	12.191	12.196	(1.079)	2672454	200.000	230
87 Amyl Acetate	43	12.072	12.068	(0.880)	3081155	200.000	200
88 Isopropylbenzene	105	12.311	12.306	(1.089)	5352888	200.000	210
\$ 89 Bromofluorobenzene (SUR)	174	12.493	12.488	(0.911)	527081	50.0000	46
90 Camphene (total)	41	12.594	12.598	(1.114)	493214	200.000	200
91 Bromobenzene	156	12.668	12.672	(0.923)	2305498	200.000	180
92 1,1,2,2-Tetrachloroethane	83	12.622	12.617	(0.920)	3308027	200.000	170
93 1,2,3-Trichloropropane	110	12.686	12.672	(0.925)	788439	200.000	170
94 trans-1,4-Dichloro-2-butene	53	12.668	12.663	(0.923)	676400	200.000	210
95 n-Propylbenzene	91	12.723	12.727	(0.927)	5862476	200.000	180
96 2-Chlorotoluene	91	12.851	12.846	(0.937)	3816210	200.000	190
97 1,3,5-Trimethylbenzene	105	12.888	12.892	(0.939)	4044491	200.000	180
98 4-Chlorotoluene	91	12.952	12.956	(0.944)	5002978	200.000	170
99 Butyl Methacrylate	87	12.925	12.929	(0.942)	3365806	200.000	200
100 tert-Butylbenzene	119	13.250	13.248	(0.966)	3824788	200.000	170
101 1,2,4-Trimethylbenzene	105	13.296	13.293	(0.969)	4306760	200.000	180
102 2-Octanone	43	13.348	13.347	(0.973)	4510715	200.000	200(A)
103 sec-Butylbenzene	105	13.481	13.483	(0.983)	5052100	200.000	180
105 1,3-Dichlorobenzene	146	13.654	13.655	(0.995)	2831573	200.000	180
107 p-Isopropyltoluene	119	13.617	13.621	(0.993)	3949939	200.000	180
* 108 1,4-Dichlorobenzene-d4	152	13.719	13.718	(1.000)	550719	50.0000	
109 1,4-Dichlorobenzene	146	13.745	13.745	(1.002)	3834556	200.000	190
110 Benzyl Chloride	91	13.892	13.898	(1.013)	3620023	200.000	210
106 n-Butylbenzene	91	14.085	14.081	(1.027)	3780655	200.000	190
111 1,2-Dichlorobenzene	146	14.195	14.191	(1.035)	3253935	200.000	190
112 1,2-Dibromo-3-chloropropane	75	15.151	15.153	(1.104)	697923	200.000	210
113 Camphor	95	16.197	16.189	(1.181)	1323390	1000.00	1100
114 1,2,4-Trichlorobenzene	180	16.335	16.344	(1.191)	1900906	200.000	200
115 Hexachlorobutadiene	225	16.545	16.545	(1.206)	1460984	200.000	200
116 Naphthalene	128	16.777	16.781	(1.223)	3232507	200.000	200
117 1,2,3-Trichlorobenzene	180	17.191	17.192	(1.253)	1425254	200.000	200
M 120 1,2-Dichloroethene (Total)	100				4938560	400.000	400
M 121 Xylene (Total)	100				7017624	600.000	620

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04494.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

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

Data File: j04494.d

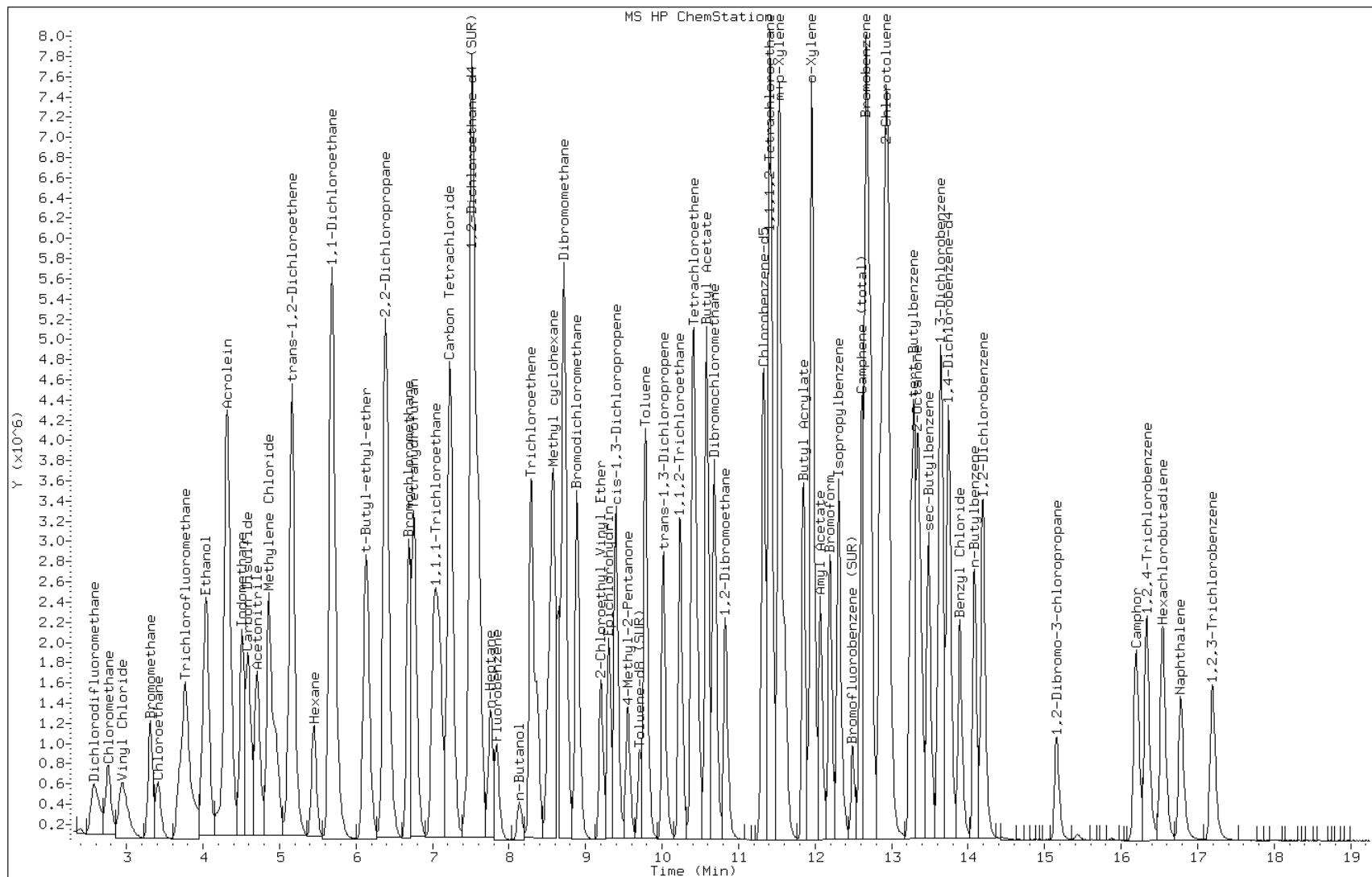
Date: 12-OCT-2011 03:32

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL5

Operator:



Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Lab Smp Id: IC-VMCAL6
 Inj Date : 12-OCT-2011 03:56
 Operator : Inst ID: VOAMS8.i
 Smp Info : IC-VMCAL6
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260DE_09.m
 Meth Date : 12-Oct-2011 17:26 maryb Quant Type: ISTD
 Cal Date : 12-OCT-2011 02:42 Cal File: j04492.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 * (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		2.576	2.594	(0.328)	8898844	500.000	510(A)
3 Chloromethane	50		2.794	2.739	(0.356)	5313401	500.000	540(A)
4 Vinyl Chloride	62		2.959	2.912	(0.377)	6073785	500.000	560(A)
6 Bromomethane	94		3.323	3.293	(0.423)	4859826	500.000	490
5 Chloroethane	64		3.424	3.412	(0.436)	2992024	500.000	480
7 Trichlorofluoromethane	101		3.751	3.722	(0.478)	11476169	500.000	580(A)
8 n-Pentane	72		3.778	3.787	(0.481)	560728	500.000	510(A)
10 Isoprene	67		4.057	4.061	(0.517)	5003938	500.000	570(A)
11 Ethyl Ether	59		4.011	4.006	(0.511)	3668608	500.000	530(A)
13 Acrolein	56		4.192	4.189	(0.534)	486112	400.000	390
15 1,1-Dichloroethene	96		4.321	4.308	(0.550)	4964372	500.000	530(A)
14 Freon TF	101		4.330	4.327	(0.552)	9346034	500.000	560(A)
16 Acetone	58		4.376	4.364	(0.557)	303747	500.000	520(A)
17 Iodomethane	142		4.519	4.510	(0.576)	14243885	500.000	500(A)

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
18 Carbon Disulfide	76	4.601	4.593	(0.586)	15377548	500.000	510(A)
21 Acetonitrile	39	4.711	4.702	(0.600)	1059422	10000.0	10000(A)
27 Methyl Acetate	74	4.721	4.721	(0.601)	1063335	500.000	490
22 Methylene Chloride	84	4.867	4.866	(0.620)	5829450	500.000	500(A)
24 TBA	59	4.968	4.949	(0.633)	7325451	10000.0	10000(A)
25 trans-1,2-Dichloroethene	96	5.177	5.175	(0.659)	5646568	500.000	510(A)
26 Acrylonitrile	53	5.159	5.148	(0.657)	510482	200.000	240(A)
28 MTBE	73	5.159	5.148	(0.657)	12401863	500.000	500
29 Hexane	56	5.458	5.459	(0.695)	1789474	500.000	530(A)
30 1,1-Dichloroethane	63	5.681	5.677	(0.724)	11130516	500.000	500
31 Vinyl Acetate	43	5.699	5.686	(0.726)	13870829	500.000	500(A)
32 DIPE	45	5.707	5.695	(0.727)	21289750	500.000	470
35 t-Butyl-ethyl-ether	59	6.145	6.130	(0.783)	17674380	500.000	510(A)
37 2,2-Dichloropropane	77	6.401	6.385	(0.815)	7974840	500.000	500
36 cis-1,2-Dichloroethene	96	6.383	6.376	(0.813)	6023504	500.000	510(A)
38 2-Butanone	72	6.392	6.385	(0.814)	422006	500.000	540(A)
39 Ethyl Acetate	70	6.429	6.404	(0.819)	1072882	1000.00	900
40 Bromochloromethane	128	6.693	6.687	(0.852)	4097670	500.000	490
41 Tetrahydrofuran	42	6.748	6.733	(0.860)	1144102	500.000	500(A)
42 Chloroform	83	6.766	6.770	(0.862)	11851835	500.000	510(A)
43 1,1,1-Trichloroethane	97	7.032	7.025	(0.896)	9839074	500.000	540(A)
44 Cyclohexane	56	7.106	7.098	(0.905)	5636616	500.000	550(A)
45 Carbon Tetrachloride	117	7.251	7.234	(0.924)	8947171	500.000	540(A)
46 1,1-Dichloropropene	75	7.232	7.216	(0.921)	7853229	500.000	500
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.443	7.435	(0.948)	516945	50.0000	52
48 Benzene	78	7.515	7.509	(0.665)	14314127	500.000	470
49 1,2-Dichloroethane	62	7.543	7.536	(0.961)	6654799	500.000	500
51 n-Heptane	57	7.759	7.756	(0.988)	1712363	500.000	500
50 t-Amyl-methyl-ether	73	7.607	7.600	(0.969)	13759853	500.000	470
* 52 Fluorobenzene	96	7.851	7.838	(1.000)	1530088	50.0000	
54 Trichloroethene	95	8.296	8.287	(1.057)	6555709	500.000	500(A)
53 n-Butanol	43	8.150	8.131	(1.038)	335262	3000.00	3200(A)
56 Methyl cyclohexane	83	8.534	8.522	(1.087)	3877947	500.000	540(A)
55 Ethyl Acrylate	55	8.378	8.368	(1.067)	6932364	500.000	520(A)
57 1,2-Dichloropropane	63	8.588	8.585	(1.094)	6629085	500.000	480
58 Dibromomethane	93	8.734	8.730	(1.113)	5720947	500.000	490
59 Methyl Methacrylate	100	8.661	8.649	(1.103)	1373229	500.000	480
75 Propyl Acetate	43	8.716	8.704	(1.110)	15226028	1000.00	930
68 Bromodichloromethane	83	8.898	8.885	(1.133)	11610961	500.000	510(A)
62 2-Chloroethyl Vinyl Ether	63	9.210	9.204	(1.173)	3936512	500.000	580(A)
63 Epichlorohydrin	57	9.310	9.305	(0.824)	9240282	10000.0	10000(A)
67 cis-1,3-Dichloropropene	75	9.400	9.396	(0.832)	9623521	500.000	520(A)
70 4-Methyl-2-Pentanone	43	9.556	9.542	(0.846)	5429046	500.000	530(A)
\$ 65 Toluene-d8 (SUR)	98	9.712	9.706	(0.859)	1184558	50.0000	54
66 Toluene	91	9.784	9.779	(0.866)	13911937	500.000	460
64 trans-1,3-Dichloropropene	75	10.020	10.018	(0.887)	8207621	500.000	530(A)
69 1,1,2-Trichloroethane	83	10.240	10.228	(0.906)	4768969	500.000	510(A)

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
 Report Date: 12-Oct-2011 17:26

Compounds	QUANT SIG			RESPONSE	AMOUNTS	
	MASS	RT	EXP RT REL RT		CAL -AMT (ug/L)	ON -COL (ug/L)
=====	====	==	=====	=====	=====	=====
71 Tetrachloroethene	166	10.396	10.393 (0.920)	5701036	500.000	530(A)
72 1,3-Dichloropropane	76	10.433	10.421 (0.923)	8336221	500.000	490
73 2-Hexanone	43	10.479	10.476 (0.927)	3191128	500.000	540(A)
74 Dibromochloromethane	129	10.689	10.687 (0.946)	9704422	500.000	540(A)
76 Butyl Acetate	73	10.589	10.586 (0.937)	3249943	1000.00	1000(A)
77 1,2-Dibromoethane	107	10.835	10.825 (0.959)	7765576	500.000	510(A)
* 78 Chlorobenzene-d5	117	11.301	11.296 (1.000)	1088402	50.0000	
79 Chlorobenzene	112	11.336	11.323 (1.003)	10881950	500.000	510(A)
80 1,1,1,2-Tetrachloroethane	131	11.409	11.403 (1.010)	6254325	500.000	510(A)
81 Ethylbenzene	106	11.419	11.412 (1.010)	4076559	500.000	510(A)
82 m+p-Xylene	106	11.536	11.530 (1.021)	10584954	1000.00	960
84 o-Xylene	106	11.955	11.949 (1.058)	5327616	500.000	520(A)
85 Styrene	104	11.965	11.958 (1.059)	9757075	500.000	500(A)
83 Butyl Acrylate	73	11.845	11.849 (1.048)	4974967	500.000	500(A)
86 Bromoform	173	12.202	12.196 (1.080)	6532969	500.000	570(A)
87 Amyl Acetate	43	12.074	12.068 (0.880)	7413957	500.000	480
88 Isopropylbenzene	105	12.312	12.306 (1.089)	12516454	500.000	510(A)
\$ 89 Bromofluorobenzene (SUR)	174	12.496	12.488 (0.910)	531351	50.0000	47
90 Camphene (total)	41	12.597	12.598 (1.115)	1216659	500.000	510(A)
91 Bromobenzene	156	12.670	12.672 (0.923)	5483745	500.000	440
92 1,1,2,2-Tetrachloroethane	83	12.624	12.617 (0.920)	7851525	500.000	420(A)
93 1,2,3-Trichloropropane	110	12.689	12.672 (0.924)	1893149	500.000	420(A)
94 trans-1,4-Dichloro-2-butene	53	12.680	12.663 (0.924)	1529525	500.000	470
95 n-Propylbenzene	91	12.735	12.727 (0.928)	13586554	500.000	420
96 2-Chlorotoluene	91	12.852	12.846 (0.936)	8737779	500.000	450(A)
97 1,3,5-Trimethylbenzene	105	12.898	12.892 (0.940)	9607609	500.000	430
98 4-Chlorotoluene	91	12.961	12.956 (0.944)	12295999	500.000	430
99 Butyl Methacrylate	87	12.934	12.929 (0.942)	8283162	500.000	490
100 tert-Butylbenzene	119	13.259	13.248 (0.966)	9649749	500.000	440
101 1,2,4-Trimethylbenzene	105	13.305	13.293 (0.969)	10617370	500.000	460
102 2-Octanone	43	13.359	13.347 (0.973)	11767048	500.000	500(A)
103 sec-Butylbenzene	105	13.488	13.483 (0.983)	12322110	500.000	440
105 1,3-Dichlorobenzene	146	13.662	13.655 (0.995)	7153440	500.000	470
107 p-Isopropyltoluene	119	13.625	13.621 (0.993)	9948587	500.000	460
* 108 1,4-Dichlorobenzene-d4	152	13.727	13.718 (1.000)	549963	50.0000	
109 1,4-Dichlorobenzene	146	13.754	13.745 (1.002)	9371295	500.000	470
110 Benzyl Chloride	91	13.892	13.898 (1.012)	9241415	500.000	530(A)
106 n-Butylbenzene	91	14.084	14.081 (1.026)	10035414	500.000	500(A)
111 1,2-Dichlorobenzene	146	14.198	14.191 (1.034)	8038288	500.000	480
112 1,2-Dibromo-3-chloropropane	75	15.157	15.153 (1.104)	1901941	500.000	560(A)
113 Camphor	95	16.195	16.189 (1.180)	3470515	2500.00	2800(A)
114 1,2,4-Trichlorobenzene	180	16.341	16.344 (1.190)	4665436	500.000	500
115 Hexachlorobutadiene	225	16.549	16.545 (1.206)	3451371	500.000	490
116 Naphthalene	128	16.778	16.781 (1.222)	7571154	500.000	500
117 1,2,3-Trichlorobenzene	180	17.197	17.192 (1.253)	3200178	500.000	490
M 120 1,2-Dichloroethene (Total)	100			11670072	1000.00	1000(A)
M 121 Xylene (Total)	100			15912570	1500.00	1500

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04495.d
Report Date: 12-Oct-2011 17:26

QC Flag Legend

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

Data File: j04495.d

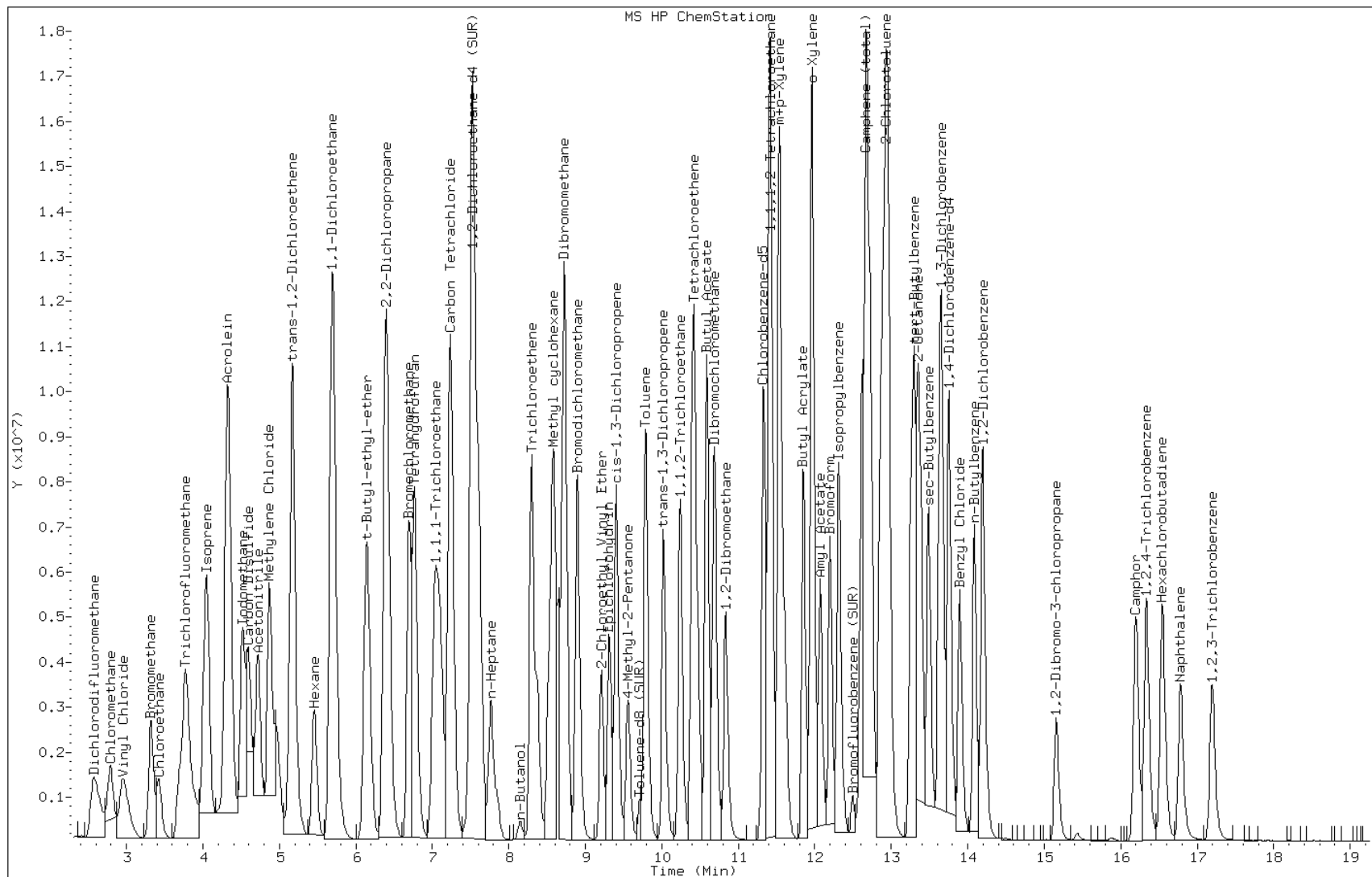
Date: 12-OCT-2011 03:56

Client ID:

Instrument: VOAMS8.i

Sample Info: IC-VMCAL6

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCVIS 460-92617/2 Calibration Date: 11/10/2011 20:37

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j05415.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	LinF	0.4852	0.5093	0.1000	17.7	20.0	-11.4	25.0
Chloromethane	Ave	0.3232	0.2645	0.1000	16.4	20.0	-18.2	25.0
Vinyl chloride	Ave	0.3532	0.3194	0.1000	18.1	20.0	-9.6	25.0
Bromomethane	Ave	0.3221	0.3089	0.1000	19.2	20.0	-4.1	25.0
Chloroethane	Ave	0.2030	0.1880	0.1000	18.5	20.0	-7.4	25.0
Trichlorofluoromethane	Ave	0.6479	0.6693	0.1000	20.7	20.0	3.3	25.0
Pentane	LinF	0.0298	0.0295*	0.1000	16.3	20.0	-18.3	25.0
Ethyl ether	Ave	0.2244	0.2141	0.1000	19.1	20.0	-4.6	25.0
2-Methyl-1,3-butadiene	Ave	0.2869	0.2448	0.1000	17.1	20.0	-14.7	25.0
Acrolein	Ave	0.0409	0.0306*	0.1000	29.9	40.0	-25.3*	25.0
1,1-Dichloroethene	Ave	0.3058	0.3086	0.1000	20.2	20.0	0.9	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5445	0.4925	0.1000	18.1	20.0	-9.6	25.0
Acetone	Ave	0.0192	0.0194*	0.1000	20.1	20.0	0.7	25.0
Iodomethane	Ave	0.9211	0.8939	0.1000	19.4	20.0	-3.0	25.0
Carbon disulfide	Ave	0.9765	0.8172	0.1000	16.7	20.0	-16.3	25.0
Methyl acetate	Ave	0.0712	0.0601*	0.1000	16.9	20.0	-15.6	25.0
Methylene Chloride	Ave	0.3771	0.3620	0.1000	19.2	20.0	-4.0	25.0
2-Methyl-2-propanol	Ave	0.0235	0.0171*	0.1000	291	400	-27.3*	25.0
Methyl tert-butyl ether	Ave	0.8118	0.8291	0.1000	20.4	20.0	2.1	25.0
Acetonitrile	LinF	0.0030	0.0031*	0.1000	360	400	-9.9	25.0
Acrylonitrile	Ave	0.0699	0.0635*	0.1000	18.2	20.0	-9.1	25.0
trans-1,2-Dichloroethene	Ave	0.3627	0.3759	0.1000	20.7	20.0	3.6	25.0
Hexane	Ave	0.1103	0.1229	0.1000	22.3	20.0	11.4	25.0
1,1-Dichloroethane	Ave	0.7297	0.6725	0.1000	18.4	20.0	-7.8	25.0
Isopropyl ether	Ave	1.489	1.416	0.1000	19.0	20.0	-5.0	25.0
Vinyl acetate	LinF	1.005	0.9880	0.1000	21.8	20.0	9.2	25.0
Tert-butyl ethyl ether	Ave	1.132	1.146	0.1000	20.3	20.0	1.3	25.0
cis-1,2-Dichloroethene	Ave	0.3880	0.4039	0.1000	20.8	20.0	4.1	25.0
2-Butanone (MEK)	Ave	0.0256	0.0272*	0.1000	21.3	20.0	6.5	25.0
2,2-Dichloropropane	Ave	0.5213	0.5101	0.1000	19.6	20.0	-2.1	25.0
Ethyl acetate	Ave	0.0391	0.0361*	0.1000	36.9	40.0	-7.7	25.0
Chlorobromomethane	Ave	0.2725	0.2770	0.1000	20.3	20.0	1.7	25.0
Tetrahydrofuran	Ave	0.0742	0.0736*	0.1000	19.8	20.0	-0.9	25.0
Chloroform	Ave	0.7607	0.7251	0.1000	19.1	20.0	-4.7	25.0
1,1,1-Trichloroethane	Ave	0.5894	0.5961	0.1000	20.2	20.0	1.1	25.0
Cyclohexane	Ave	0.3360	0.3375	0.1000	20.1	20.0	0.4	25.0
1,1-Dichloropropene	Ave	0.5153	0.4915	0.1000	19.1	20.0	-4.6	25.0
Carbon tetrachloride	Ave	0.5427	0.5421	0.1000	20.0	20.0	-0.1	25.0
Benzene	Ave	1.388	1.431	0.1000	20.6	20.0	3.1	25.0
1,2-Dichloroethane	Ave	0.4364	0.4247	0.1000	19.5	20.0	-2.7	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCVIS 460-92617/2 Calibration Date: 11/10/2011 20:37

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j05415.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
Tert-amyl methyl ether	Ave	0.9538	0.9572	0.1000	20.1	20.0	0.4	25.0
n-Heptane	LinF	0.0794	0.1122	0.1000	20.0	20.0	0.1	25.0
n-Butanol	Ave	0.0035	0.0023*	0.1000	991	1500	-33.9*	25.0
Trichloroethene	Ave	0.4234	0.4259	0.1000	20.1	20.0	0.6	25.0
Ethyl acrylate	Ave	0.4364	0.4263	0.1000	19.5	20.0	-2.3	25.0
Methylcyclohexane	Ave	0.2354	0.2666	0.1000	22.6	20.0	13.2	25.0
1,2-Dichloropropane	Ave	0.4507	0.4393	0.1000	19.5	20.0	-2.5	25.0
Methyl methacrylate	Ave	0.0932	0.0969*	0.1000	20.8	20.0	3.9	25.0
n-Propyl acetate	Ave	0.5356	0.5336	0.1000	39.9	40.0	-0.4	25.0
Dibromomethane	Ave	0.3813	0.3938	0.1000	20.7	20.0	3.3	25.0
Dichlorobromomethane	Ave	0.7428	0.7273	0.1000	19.6	20.0	-2.1	25.0
2-Chloroethyl vinyl ether	LinF	0.2202	0.2355	0.1000	18.5	20.0	-7.6	25.0
Epichlorohydrin	Ave	0.0418	0.0371*	0.1000	356	400	-11.1	25.0
cis-1,3-Dichloropropene	Ave	0.8417	0.8702	0.1000	20.7	20.0	3.4	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4703	0.4806	0.1000	20.4	20.0	2.2	25.0
Toluene	Ave	1.384	1.412	0.1000	20.4	20.0	2.0	25.0
trans-1,3-Dichloropropene	Ave	0.7134	0.7145	0.1000	20.0	20.0	0.1	25.0
1,1,2-Trichloroethane	Ave	0.4305	0.4382	0.1000	20.4	20.0	1.8	25.0
Tetrachloroethene	Ave	0.4897	0.6068	0.1000	24.8	20.0	23.9	25.0
1,3-Dichloropropane	Ave	0.7777	0.8025	0.1000	20.6	20.0	3.2	25.0
2-Hexanone	Ave	0.2730	0.2782	0.1000	20.4	20.0	1.9	25.0
n-Butyl acetate	Ave	0.1428	0.1592	0.1000	44.6	40.0	11.5	25.0
Chlorodibromomethane	Ave	0.8249	0.9057	0.1000	22.0	20.0	9.8	25.0
1,2-Dibromoethane	Ave	0.6955	0.7476	0.1000	21.5	20.0	7.5	25.0
Chlorobenzene	Ave	0.9861	1.046	0.1000	21.2	20.0	6.1	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5627	0.6069	0.1000	21.6	20.0	7.8	25.0
Ethylbenzene	Ave	0.3669	0.4092	0.1000	22.3	20.0	11.5	25.0
m-Xylene & p-Xylene	Ave	0.5070	0.5516	0.1000	43.5	40.0	8.8	25.0
n-Butyl acrylate	LinF	0.3775	0.4272	0.1000	18.8	20.0	-6.2	25.0
o-Xylene	Ave	0.4740	0.5324	0.1000	22.5	20.0	12.3	25.0
Styrene	Ave	0.8864	0.9950	0.1000	22.4	20.0	12.2	25.0
Amyl acetate (mixed isomers)	Ave	1.417	1.333	0.1000	18.8	20.0	-5.9	25.0
Bromoform	Ave	0.5228	0.5775	0.1000	22.1	20.0	10.5	25.0
Isopropylbenzene	Ave	1.133	1.305	0.1000	23.0	20.0	15.2	25.0
Camphene	LinF	0.1086	0.1038	0.1000	18.7	20.0	-6.6	25.0
1,1,2,2-Tetrachloroethane	Ave	1.694	1.554	0.1000	18.3	20.0	-8.3	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2929	0.2702	0.1000	18.5	20.0	-7.7	25.0
Bromobenzene	Ave	1.143	1.199	0.1000	21.0	20.0	5.0	25.0
1,2,3-Trichloropropane	Ave	0.4055	0.3698	0.1000	18.2	20.0	-8.8	25.0
N-Propylbenzene	Ave	2.901	3.177	0.1000	21.9	20.0	9.5	25.0
2-Chlorotoluene	Ave	1.781	1.976	0.1000	22.2	20.0	10.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-92617/2 Calibration Date: 11/10/2011 20:37
 Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56
 Lab File ID: j05415.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.017	2.121	0.1000	21.0	20.0	5.1	25.0
Butyl Methacrylate	Ave	1.542	1.607	0.1000	20.8	20.0	4.2	25.0
4-Chlorotoluene	Ave	2.582	2.655	0.1000	20.6	20.0	2.8	25.0
tert-Butylbenzene	Ave	1.978	2.163	0.1000	21.9	20.0	9.3	25.0
1,2,4-Trimethylbenzene	Ave	2.111	2.287	0.1000	21.7	20.0	8.3	25.0
2-Octanone	LinF	1.642	1.687	0.1000	15.9	20.0	-20.6	25.0
sec-Butylbenzene	Ave	2.513	2.864	0.1000	22.8	20.0	14.0	25.0
4-Isopropyltoluene	Ave	1.963	2.273	0.1000	23.2	20.0	15.8	25.0
1,3-Dichlorobenzene	Ave	1.385	1.653	0.1000	23.9	20.0	19.4	25.0
1,4-Dichlorobenzene	Ave	1.795	1.995	0.1000	22.2	20.0	11.2	25.0
Benzyl chloride	Ave	1.597	1.548	0.1000	19.4	20.0	-3.1	25.0
n-Butylbenzene	Ave	1.806	1.980	0.1000	21.9	20.0	9.6	25.0
1,2-Dichlorobenzene	Ave	1.514	1.609	0.1000	21.3	20.0	6.3	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.3103	0.2524	0.1000	16.3	20.0	-18.7	25.0
Camphor	Ave	0.1111	0.1074	0.1000	96.7	100	-3.3	25.0
1,2,4-Trichlorobenzene	LinF	0.5908	0.8363	0.1000	19.7	20.0	-1.6	25.0
Hexachlorobutadiene	Ave	0.6424	0.6300	0.1000	19.6	20.0	-1.9	25.0
Naphthalene	LinF	0.9482	1.406	0.1000	20.3	20.0	1.3	25.0
1,2,3-Trichlorobenzene	LinF	0.4187	0.6869	0.1000	23.2	20.0	16.2	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3250	0.2937	0.1000	45.2	50.0	-9.6	25.0
Toluene-d8 (Surr)	Ave	1.009	1.053	0.1000	52.2	50.0	4.4	25.0
4-Bromofluorobenzene	Ave	1.023	1.068	0.1000	52.3	50.0	4.5	25.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05415.d
 Report Date: 14-Nov-2011 08:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05415.d
 Lab Smp Id: CCVIS
 Inj Date : 10-NOV-2011 20:37
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCVIS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.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: 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	2.584	2.584	(0.328)	123403	20.0000	18
3 Chloromethane	50	2.767	2.767	(0.351)	64089	20.0000	16
4 Vinyl Chloride	62	2.949	2.949	(0.374)	77387	20.0000	18
6 Bromomethane	94	3.331	3.331	(0.422)	74849	20.0000	19
5 Chloroethane	64	3.440	3.440	(0.436)	45545	20.0000	18
7 Trichlorofluoromethane	101	3.758	3.758	(0.476)	162158	20.0000	21
8 n-Pentane	72	3.813	3.813	(0.483)	7151	20.0000	16
10 Isoprene	67	4.094	4.094	(0.519)	59316	20.0000	17
11 Ethyl Ether	59	4.040	4.040	(0.512)	51874	20.0000	19
13 Acrolein	56	4.231	4.231	(0.536)	14828	40.0000	30
15 1,1-Dichloroethene	96	4.340	4.340	(0.550)	74771	20.0000	20
14 Freon TF	101	4.358	4.358	(0.552)	119321	20.0000	18
16 Acetone	58	4.395	4.395	(0.557)	4690	20.0000	20
17 Iodomethane	142	4.550	4.550	(0.577)	216580	20.0000	19
18 Carbon Disulfide	76	4.641	4.641	(0.588)	198001	20.0000	17
21 Acetonitrile	39	5.197	5.197	(0.659)	14989	400.000	360

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05415.d
 Report Date: 14-Nov-2011 08:20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
27 Methyl Acetate	74	4.760	4.760	(0.603)	14559	20.0000	17
22 Methylene Chloride	84	4.897	4.897	(0.621)	87706	20.0000	19
24 TBA	59	4.988	4.988	(0.632)	82715	400.000	290
25 trans-1,2-Dichloroethene	96	5.223	5.223	(0.662)	91082	20.0000	21
26 Acrylonitrile	53	5.197	5.197	(0.659)	15395	20.0000	18
28 MTBE	73	5.188	5.188	(0.658)	200885	20.0000	20
29 Hexane	56	5.497	5.497	(0.697)	29783	20.0000	22
30 1,1-Dichloroethane	63	5.724	5.724	(0.726)	162955	20.0000	18
31 Vinyl Acetate	43	5.733	5.733	(0.727)	239389	20.0000	22
32 DIPE	45	5.733	5.733	(0.727)	342983	20.0000	19
35 t-Butyl-ethyl-ether	59	6.180	6.180	(0.783)	277746	20.0000	20
37 2,2-Dichloropropane	77	6.443	6.443	(0.817)	123606	20.0000	20
36 cis-1,2-Dichloroethene	96	6.425	6.425	(0.814)	97870	20.0000	21
38 2-Butanone	72	6.434	6.434	(0.816)	6599	20.0000	21
39 Ethyl Acetate	70	6.461	6.461	(0.819)	17501	40.0000	37
40 Bromochloromethane	128	6.742	6.742	(0.855)	67113	20.0000	20
41 Tetrahydrofuran	42	6.787	6.787	(0.860)	17824	20.0000	20
42 Chloroform	83	6.814	6.814	(0.864)	175682	20.0000	19
43 1,1,1-Trichloroethane	97	7.070	7.070	(0.896)	144436	20.0000	20
44 Cyclohexane	56	7.142	7.142	(0.905)	81765	20.0000	20
45 Carbon Tetrachloride	117	7.297	7.297	(0.925)	131348	20.0000	20
46 1,1-Dichloropropene	75	7.279	7.279	(0.923)	119085	20.0000	19
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.487	7.487	(0.949)	177905	50.0000	45
48 Benzene	78	7.560	7.560	(0.667)	244794	20.0000	21
49 1,2-Dichloroethane	62	7.569	7.569	(0.959)	102903	20.0000	19
51 n-Heptane	57	7.806	7.806	(0.990)	27181	20.0000	20
50 t-Amyl-methyl-ether	73	7.642	7.642	(0.969)	231930	20.0000	20
* 52 Fluorobenzene	96	7.889	7.889	(1.000)	605742	50.0000	
54 Trichloroethene	95	8.334	8.334	(1.056)	103182	20.0000	20
53 n-Butanol	43	8.178	8.178	(1.037)	41722	1500.00	990
56 Methyl cyclohexane	83	8.571	8.571	(1.087)	64586	20.0000	23
55 Ethyl Acrylate	55	8.407	8.407	(1.066)	103299	20.0000	20
57 1,2-Dichloropropane	63	8.625	8.625	(1.093)	106435	20.0000	19
58 Dibromomethane	93	8.771	8.771	(1.112)	95422	20.0000	21
59 Methyl Methacrylate	100	8.689	8.689	(1.101)	23468	20.0000	21
75 Propyl Acetate	43	8.753	8.753	(1.110)	258574	40.0000	40
68 Bromodichloromethane	83	8.926	8.926	(1.132)	176228	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.236	9.236	(1.171)	57059	20.0000	18
63 Epichlorohydrin	57	9.345	9.345	(0.825)	127033	400.000	360
67 cis-1,3-Dichloropropene	75	9.437	9.437	(0.833)	148877	20.0000	21
70 4-Methyl-2-Pentanone	43	9.592	9.592	(0.846)	82214	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.745	9.745	(0.860)	450509	50.0000	52
66 Toluene	91	9.825	9.825	(0.867)	241562	20.0000	20
64 trans-1,3-Dichloropropene	75	10.051	10.051	(0.887)	122232	20.0000	20
69 1,1,2-Trichloroethane	83	10.280	10.280	(0.907)	74973	20.0000	20
71 Tetrachloroethene	166	10.435	10.435	(0.921)	103807	20.0000	25
72 1,3-Dichloropropane	76	10.461	10.461	(0.923)	137291	20.0000	21

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05415.d
 Report Date: 14-Nov-2011 08:20

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/L)	ON-COL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
73 2-Hexanone	43	10.516	10.516	(0.928)	47592	20.0000	20
74 Dibromochloromethane	129	10.726	10.726	(0.946)	154942	20.0000	22
76 Butyl Acetate	73	10.625	10.625	(0.938)	54480	40.0000	44
77 1,2-Dibromoethane	107	10.863	10.863	(0.959)	127898	20.0000	21
* 78 Chlorobenzene-d5	117	11.332	11.332	(1.000)	427709	50.0000	
79 Chlorobenzene	112	11.369	11.369	(1.003)	179019	20.0000	21
80 1,1,1,2-Tetrachloroethane	131	11.451	11.451	(1.011)	103824	20.0000	22
81 Ethylbenzene	106	11.460	11.460	(1.011)	69998	20.0000	22
82 m+p-Xylene	106	11.570	11.570	(1.021)	188749	40.0000	44
84 o-Xylene	106	11.996	11.996	(1.059)	91087	20.0000	22
85 Styrene	104	11.996	11.996	(1.059)	170222	20.0000	22
83 Butyl Acrylate	73	11.886	11.886	(1.049)	73085	20.0000	19
86 Bromoform	173	12.232	12.232	(1.079)	98798	20.0000	22
87 Amyl Acetate	43	12.113	12.113	(0.880)	105075	20.0000	19
88 Isopropylbenzene	105	12.351	12.351	(1.090)	223305	20.0000	23
\$ 89 Bromofluorobenzene (SUR)	174	12.534	12.534	(0.910)	210575	50.0000	52
90 Camphene (total)	41	12.644	12.644	(1.116)	17763	20.0000	19
91 Bromobenzene	156	12.717	12.717	(0.924)	94531	20.0000	21
92 1,1,2,2-Tetrachloroethane	83	12.662	12.662	(0.920)	122497	20.0000	18
93 1,2,3-Trichloropropane	110	12.726	12.726	(0.924)	29147	20.0000	18
94 trans-1,4-Dichloro-2-butene	53	12.708	12.708	(0.923)	21297	20.0000	18
95 n-Propylbenzene	91	12.763	12.763	(0.927)	250414	20.0000	22
96 2-Chlorotoluene	91	12.896	12.896	(0.937)	155739	20.0000	22
97 1,3,5-Trimethylbenzene	105	12.933	12.933	(0.939)	167185	20.0000	21
98 4-Chlorotoluene	91	13.006	13.006	(0.945)	209261	20.0000	20
99 Butyl Methacrylate	87	12.970	12.970	(0.942)	126664	20.0000	21
100 tert-Butylbenzene	119	13.296	13.296	(0.966)	170489	20.0000	22
101 1,2,4-Trimethylbenzene	105	13.342	13.342	(0.969)	180288	20.0000	22
102 2-Octanone	43	13.397	13.397	(0.973)	132966	20.0000	16
103 sec-Butylbenzene	105	13.532	13.532	(0.983)	225750	20.0000	23
105 1,3-Dichlorobenzene	146	13.696	13.696	(0.995)	130278	20.0000	24
107 p-Isopropyltoluene	119	13.670	13.670	(0.993)	179184	20.0000	23
* 108 1,4-Dichlorobenzene-d4	152	13.767	13.767	(1.000)	197061	50.0000	
109 1,4-Dichlorobenzene	146	13.795	13.795	(1.002)	157269	20.0000	22
110 Benzyl Chloride	91	13.942	13.942	(1.013)	122020	20.0000	19
106 n-Butylbenzene	91	14.133	14.133	(1.027)	156066	20.0000	22
111 1,2-Dichlorobenzene	146	14.243	14.243	(1.035)	126819	20.0000	21
112 1,2-Dibromo-3-chloropropane	75	15.217	15.217	(1.105)	19897	20.0000	16
113 Camphor	95	16.272	16.272	(1.182)	42331	100.000	97
114 1,2,4-Trichlorobenzene	180	16.407	16.407	(1.192)	65924	20.0000	20
115 Hexachlorobutadiene	225	16.609	16.609	(1.206)	49657	20.0000	20
116 Naphthalene	128	16.854	16.854	(1.224)	110852	20.0000	20
117 1,2,3-Trichlorobenzene	180	17.276	17.276	(1.255)	54143	20.0000	23
M 120 1,2-Dichloroethene (Total)	100				188952	40.0000	42
M 121 Xylene (Total)	100				279836	60.0000	66

Data File: j05415.d

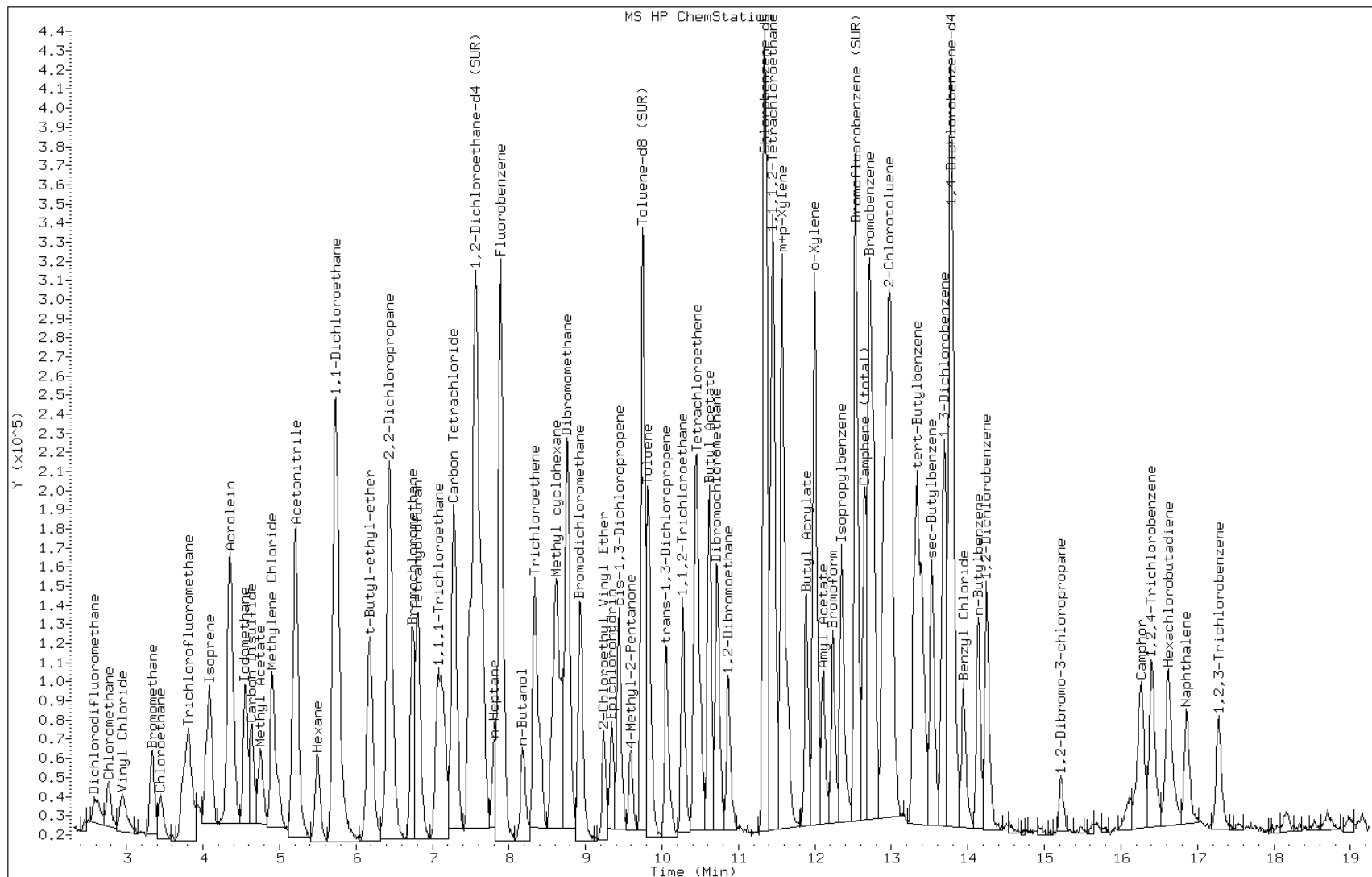
Date: 10-NOV-2011 20:37

Client ID:

Instrument: VOAMS8.i

Sample Info: CCVIS

Operator:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCV 460-92617/21 Calibration Date: 11/11/2011 08:38

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j05441.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	LinF	0.4852	0.3904	0.1000	20.0	20.0	0.0	25.0
Chloromethane	Ave	0.3232	0.2470	0.1000	20.0	20.0	-23.6	25.0
Vinyl chloride	Ave	0.3532	0.2943	0.1000	20.0	20.0	-16.7	25.0
Bromomethane	Ave	0.3221	0.3130	0.1000	21.5	20.0	-2.8	25.0
Chloroethane	Ave	0.2030	0.1856	0.1000	19.9	20.0	-8.6	25.0
Trichlorofluoromethane	Ave	0.6479	0.5931	0.1000	20.0	20.0	-8.5	25.0
Pentane	LinF	0.0298	0.0251*	0.1000	20.0	20.0	0.0	25.0
Ethyl ether	Ave	0.2244	0.2157	0.1000	20.0	20.0	-3.9	25.0
2-Methyl-1,3-butadiene	Ave	0.2869	0.2467	0.1000	20.0	20.0	-14.0	25.0
Acrolein	Ave	0.0409	0.0301*	0.1000	40.0	40.0	-26.6*	25.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.5445	0.4827	0.1000	20.1	20.0	-11.4	25.0
1,1-Dichloroethene	Ave	0.3058	0.2698	0.1000	20.0	20.0	-11.8	25.0
Acetone	Ave	0.0192	0.0175*	0.1000	18.8	20.0	-9.0	25.0
Iodomethane	Ave	0.9211	0.8541	0.1000	20.0	20.0	-7.3	25.0
Carbon disulfide	Ave	0.9765	0.7306	0.1000	20.0	20.0	-25.2*	25.0
Methyl acetate	Ave	0.0712	0.0669*	0.1000	20.0	20.0	-6.0	25.0
Methylene Chloride	Ave	0.3771	0.3555	0.1000	20.0	20.0	-5.7	25.0
2-Methyl-2-propanol	Ave	0.0235	0.0167*	0.1000	395	400	-29.0*	25.0
Acetonitrile	LinF	0.0030	0.0040*	0.1000	484	400	20.9	25.0
Methyl tert-butyl ether	Ave	0.8118	0.7866	0.1000	20.0	20.0	-3.1	25.0
Acrylonitrile	Ave	0.0699	0.0570*	0.1000	18.6	20.0	-18.5	25.0
trans-1,2-Dichloroethene	Ave	0.3627	0.3370	0.1000	20.0	20.0	-7.1	25.0
Hexane	Ave	0.1103	0.1143	0.1000	20.0	20.0	3.6	25.0
1,1-Dichloroethane	Ave	0.7297	0.6848	0.1000	20.0	20.0	-6.2	25.0
Isopropyl ether	Ave	1.489	1.411	0.1000	20.1	20.0	-5.2	25.0
Vinyl acetate	LinF	1.005	0.8168	0.1000	20.0	20.0	0.0	25.0
Tert-butyl ethyl ether	Ave	1.132	1.104	0.1000	20.0	20.0	-2.5	25.0
2-Butanone (MEK)	Ave	0.0256	0.0266*	0.1000	24.5	20.0	3.8	25.0
2,2-Dichloropropane	Ave	0.5213	0.3920	0.1000	18.8	20.0	-24.8	25.0
cis-1,2-Dichloroethene	Ave	0.3880	0.3800	0.1000	20.0	20.0	-2.1	25.0
Ethyl acetate	Ave	0.0391	0.0379*	0.1000	42.4	40.0	-3.1	25.0
Chlorobromomethane	Ave	0.2725	0.2734	0.1000	20.0	20.0	0.3	25.0
Tetrahydrofuran	Ave	0.0742	0.0736*	0.1000	20.0	20.0	-0.9	25.0
Chloroform	Ave	0.7607	0.7251	0.1000	20.0	20.0	-4.7	25.0
1,1,1-Trichloroethane	Ave	0.5894	0.5703	0.1000	20.0	20.0	-3.2	25.0
Cyclohexane	Ave	0.3360	0.3518	0.1000	20.0	20.0	4.7	25.0
1,1-Dichloropropene	Ave	0.5153	0.4901	0.1000	20.0	20.0	-4.9	25.0
Carbon tetrachloride	Ave	0.5427	0.5102	0.1000	20.0	20.0	-6.0	25.0
Benzene	Ave	1.388	1.304	0.1000	20.0	20.0	-6.1	25.0
1,2-Dichloroethane	Ave	0.4364	0.4199	0.1000	20.0	20.0	-3.8	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCV 460-92617/21 Calibration Date: 11/11/2011 08:38

Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51

GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56

Lab File ID: j05441.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
Tert-amyl methyl ether	Ave	0.9538	0.9259	0.1000	20.1	20.0	-2.9	25.0
n-Heptane	LinF	0.0794	0.0139*	0.1000	20.0	20.0	0.0	25.0
n-Butanol	Ave	0.0035	0.0022*	0.1000	1410	1500	-37.9*	25.0
Trichloroethene	Ave	0.4234	0.4495	0.1000	19.9	20.0	6.2	25.0
Ethyl acrylate	Ave	0.4364	0.4167	0.1000	19.9	20.0	-4.5	25.0
Methylcyclohexane	Ave	0.2354	0.2638	0.1000	20.0	20.0	12.1	25.0
1,2-Dichloropropane	Ave	0.4507	0.4305	0.1000	20.0	20.0	-4.5	25.0
Methyl methacrylate	Ave	0.0932	0.0914*	0.1000	20.1	20.0	-2.0	25.0
n-Propyl acetate	Ave	0.5356	0.5218	0.1000	40.0	40.0	-2.6	25.0
Dibromomethane	Ave	0.3813	0.3874	0.1000	20.0	20.0	1.6	25.0
Dichlorobromomethane	Ave	0.7428	0.6960	0.1000	20.0	20.0	-6.3	25.0
2-Chloroethyl vinyl ether	LinF	0.2202	0.2077	0.1000	19.9	20.0	-0.4	25.0
Epichlorohydrin	Ave	0.0418	0.0342*	0.1000	410	400	-18.0	25.0
cis-1,3-Dichloropropene	Ave	0.8417	0.7360	0.1000	20.0	20.0	-12.6	25.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4703	0.4416	0.1000	20.0	20.0	-6.1	25.0
Toluene	Ave	1.384	1.321	0.1000	20.0	20.0	-4.6	25.0
trans-1,3-Dichloropropene	Ave	0.7134	0.6029	0.1000	20.0	20.0	-15.5	25.0
1,1,2-Trichloroethane	Ave	0.4305	0.4166	0.1000	20.0	20.0	-3.2	25.0
Tetrachloroethene	Ave	0.4897	0.5574	0.1000	20.0	20.0	13.8	25.0
1,3-Dichloropropane	Ave	0.7777	0.7581	0.1000	19.8	20.0	-2.5	25.0
2-Hexanone	Ave	0.2730	0.2439	0.1000	20.0	20.0	-10.7	25.0
n-Butyl acetate	Ave	0.1428	0.1377	0.1000	40.0	40.0	-3.6	25.0
Chlorodibromomethane	Ave	0.8249	0.7952	0.1000	20.0	20.0	-3.6	25.0
1,2-Dibromoethane	Ave	0.6955	0.6989	0.1000	20.0	20.0	0.5	25.0
Chlorobenzene	Ave	0.9861	1.008	0.1000	20.0	20.0	2.2	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5627	0.5862	0.1000	20.0	20.0	4.2	25.0
Ethylbenzene	Ave	0.3669	0.4233	0.1000	20.8	20.0	15.4	25.0
m-Xylene & p-Xylene	Ave	0.5070	0.5551	0.1000	40.0	40.0	9.5	25.0
n-Butyl acrylate	LinF	0.3775	0.3900	0.1000	20.0	20.0	0.0	25.0
o-Xylene	Ave	0.4740	0.5413	0.1000	20.0	20.0	14.2	25.0
Styrene	Ave	0.8864	0.9508	0.1000	20.0	20.0	7.3	25.0
Amyl acetate (mixed isomers)	Ave	1.417	1.096	0.1000	19.9	20.0	-22.7	25.0
Bromoform	Ave	0.5228	0.4892	0.1000	20.0	20.0	-6.4	25.0
Isopropylbenzene	Ave	1.133	1.311	0.1000	20.2	20.0	15.7	25.0
Camphene	LinF	0.1086	0.1011	0.1000	20.0	20.0	0.0	25.0
1,1,2,2-Tetrachloroethane	Ave	1.694	1.261	0.1000	20.0	20.0	-25.6*	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2929	0.2108	0.1000	21.7	20.0	-28.0*	25.0
1,2,3-Trichloropropane	Ave	0.4055	0.3510	0.1000	19.8	20.0	-13.4	25.0
Bromobenzene	Ave	1.143	1.091	0.1000	19.7	20.0	-4.5	25.0
N-Propylbenzene	Ave	2.901	2.895	0.1000	20.0	20.0	-0.2	25.0
2-Chlorotoluene	Ave	1.781	1.772	0.1000	20.0	20.0	-0.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92617/21 Calibration Date: 11/11/2011 08:38
 Instrument ID: VOAMS8 Calib Start Date: 10/12/2011 01:51
 GC Column: DB-624 ID: 0.53 (mm) Calib End Date: 10/12/2011 03:56
 Lab File ID: j05441.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3,5-Trimethylbenzene	Ave	2.017	2.046	0.1000	20.0	20.0	1.4	25.0
Butyl Methacrylate	Ave	1.542	1.483	0.1000	20.0	20.0	-3.8	25.0
4-Chlorotoluene	Ave	2.582	2.488	0.1000	19.9	20.0	-3.6	25.0
tert-Butylbenzene	Ave	1.978	1.906	0.1000	20.0	20.0	-3.6	25.0
1,2,4-Trimethylbenzene	Ave	2.111	2.100	0.1000	20.0	20.0	-0.5	25.0
2-Octanone	LinF	1.642	1.479	0.1000	20.0	20.0	0.0	25.0
sec-Butylbenzene	Ave	2.513	2.472	0.1000	20.0	20.0	-1.6	25.0
4-Isopropyltoluene	Ave	1.963	1.947	0.1000	20.0	20.0	-0.8	25.0
1,3-Dichlorobenzene	Ave	1.385	1.423	0.1000	20.0	20.0	2.8	25.0
1,4-Dichlorobenzene	Ave	1.795	1.777	0.1000	19.2	20.0	-1.0	25.0
Benzyl chloride	Ave	1.597	0.9229	0.1000	20.0	20.0	-42.2*	25.0
n-Butylbenzene	Ave	1.806	1.694	0.1000	20.0	20.0	-6.2	25.0
1,2-Dichlorobenzene	Ave	1.514	1.463	0.1000	19.9	20.0	-3.4	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.3103	0.2146	0.1000	20.0	20.0	-30.8*	25.0
Camphor	Ave	0.1111	0.0860*	0.1000	99.4	100	-22.6	25.0
1,2,4-Trichlorobenzene	LinF	0.5908	0.7129	0.1000	20.0	20.0	0.0	25.0
Hexachlorobutadiene	Ave	0.6424	0.5281	0.1000	20.0	20.0	-17.8	25.0
Naphthalene	LinF	0.9482	1.253	0.1000	20.0	20.0	0.0	25.0
1,2,3-Trichlorobenzene	LinF	0.4187	0.6137	0.1000	20.0	20.0	0.0	25.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3250	0.3051	0.1000	50.0	50.0	-6.1	25.0
Toluene-d8 (Surr)	Ave	1.009	1.012	0.1000	50.0	50.0	0.2	25.0
4-Bromofluorobenzene	Ave	1.023	0.9647	0.1000	50.0	50.0	-5.7	25.0

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05441.d
 Report Date: 11-Nov-2011 07:58

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05441.d
 Lab Smp Id: CCV
 Inj Date : 11-NOV-2011 08:38
 Operator : Inst ID: VOAMS8.i
 Smp Info : CCV
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11ab.b/8260DE_09.m
 Meth Date : 11-Nov-2011 07:48 audberto Quant Type: ISTD
 Cal Date : 11-NOV-2011 08:38 Cal File: j05441.d
 Als bottle: 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					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.608	2.608	(0.331)	101170	20.0000	20
3 Chloromethane	50	2.760	2.760	(0.350)	64016	20.0000	20
4 Vinyl Chloride	62	2.943	2.943	(0.373)	76262	20.0000	20
6 Bromomethane	94	3.333	3.333	(0.423)	81118	21.4648	21
5 Chloroethane	64	3.443	3.443	(0.437)	48097	19.9424	20
7 Trichlorofluoromethane	101	3.743	3.743	(0.475)	153713	20.0000	20
8 n-Pentane	72	3.807	3.807	(0.483)	6494	20.0000	20
9 Ethanol	46	3.924	3.924	(0.498)	16953	3000.00	3000
10 Isoprene	67	4.088	4.088	(0.519)	63947	20.0093	20
11 Ethyl Ether	59	4.043	4.043	(0.513)	55915	20.0000	20
13 Acrolein	56	4.225	4.225	(0.536)	15586	40.0000	40
15 1,1-Dichloroethene	96	4.344	4.344	(0.551)	69929	20.0000	20
14 Freon TF	101	4.344	4.344	(0.551)	125104	20.0893	20
16 Acetone	58	4.372	4.372	(0.555)	4534	18.8046	19
17 Iodomethane	142	4.543	4.543	(0.576)	221361	20.0000	20
18 Carbon Disulfide	76	4.625	4.625	(0.587)	189341	19.9964	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05441.d
Report Date: 11-Nov-2011 07:58

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	5.182	5.182	(0.657)	20728	483.746	480
27 Methyl Acetate	74	4.762	4.762	(0.604)	17339	20.0000	20
22 Methylene Chloride	84	4.899	4.899	(0.621)	92139	20.0000	20
24 TBA	59	4.972	4.972	(0.631)	86429	395.168	400
25 trans-1,2-Dichloroethene	96	5.209	5.209	(0.661)	87341	20.0000	20
26 Acrylonitrile	53	5.191	5.191	(0.658)	14760	18.5580	18
28 MTBE	73	5.182	5.182	(0.657)	203875	20.0000	20
29 Hexane	56	5.500	5.500	(0.698)	29632	20.0250	20
30 1,1-Dichloroethane	63	5.716	5.716	(0.725)	177489	20.0000	20
31 Vinyl Acetate	43	5.734	5.734	(0.727)	211701	20.0000	20
32 DIPE	45	5.734	5.734	(0.727)	365767	20.0765	20
35 t-Butyl-ethyl-ether	59	6.163	6.163	(0.782)	286018	20.0199	20
37 2,2-Dichloropropane	77	6.426	6.426	(0.815)	101583	18.8299	19
36 cis-1,2-Dichloroethene	96	6.426	6.426	(0.815)	98478	20.0000	20
38 2-Butanone	72	6.399	6.399	(0.812)	6880	24.5154	24
39 Ethyl Acetate	70	6.453	6.453	(0.819)	19642	42.4073	42
40 Bromochloromethane	128	6.726	6.726	(0.853)	70855	20.0000	20
41 Tetrahydrofuran	42	6.772	6.772	(0.859)	19063	20.0000	20
42 Chloroform	83	6.799	6.799	(0.862)	187935	19.9769	20
43 1,1,1-Trichloroethane	97	7.063	7.063	(0.896)	147818	20.0000	20
44 Cyclohexane	56	7.127	7.127	(0.904)	91183	20.0000	20
45 Carbon Tetrachloride	117	7.283	7.283	(0.924)	132217	19.9984	20
46 1,1-Dichloropropene	75	7.273	7.273	(0.923)	127025	20.0000	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.474	7.474	(0.948)	197691	50.0000	50
48 Benzene	78	7.547	7.547	(0.666)	252491	20.0225	20
49 1,2-Dichloroethane	62	7.573	7.573	(0.961)	108829	20.0000	20
51 n-Heptane	57	7.810	7.810	(0.991)	3610	20.0000	20
50 t-Amyl-methyl-ether	73	7.646	7.646	(0.970)	239961	20.1057	20
* 52 Fluorobenzene	96	7.883	7.883	(1.000)	647933	50.0000	
54 Trichloroethene	95	8.322	8.322	(1.056)	116493	19.8592	20
53 n-Butanol	43	8.175	8.175	(1.037)	41919	1409.96	1400
56 Methyl cyclohexane	83	8.557	8.557	(1.085)	68378	19.9733	20
55 Ethyl Acrylate	55	8.402	8.402	(1.066)	107986	19.9478	20
57 1,2-Dichloropropane	63	8.612	8.612	(1.092)	111561	20.0000	20
58 Dibromomethane	93	8.758	8.758	(1.111)	100412	20.0000	20
60 1,4-Dioxane	88	8.776	8.776	(1.113)	3303	149.572	150(a)
59 Methyl Methacrylate	100	8.685	8.685	(1.102)	23683	20.0505	20
75 Propyl Acetate	43	8.748	8.748	(1.110)	270464	40.0000	40
68 Bromodichloromethane	83	8.931	8.931	(1.133)	180390	20.0000	20
62 2-Chloroethyl Vinyl Ether	63	9.231	9.231	(1.171)	53836	19.9189	20
63 Epichlorohydrin	57	9.332	9.332	(0.823)	132617	409.848	410
67 cis-1,3-Dichloropropene	75	9.430	9.430	(0.832)	142553	20.0000	20
70 4-Methyl-2-Pentanone	43	9.585	9.585	(0.846)	85527	20.0000	20
\$ 65 Toluene-d8 (SUR)	98	9.739	9.739	(0.859)	489879	50.0000	50
66 Toluene	91	9.812	9.812	(0.866)	255907	20.0000	20
64 trans-1,3-Dichloropropene	75	10.049	10.049	(0.887)	116768	20.0000	20
69 1,1,2-Trichloroethane	83	10.269	10.269	(0.906)	80697	20.0000	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05441.d
 Report Date: 11-Nov-2011 07:58

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.432	10.432	(0.920)	107972	19.9986	20
72 1,3-Dichloropropane	76	10.460	10.460	(0.923)	146830	19.7739	20
73 2-Hexanone	43	10.505	10.505	(0.927)	47245	20.0000	20
74 Dibromochloromethane	129	10.714	10.714	(0.945)	154016	20.0000	20
76 Butyl Acetate	73	10.613	10.613	(0.936)	53348	40.0000	40
77 1,2-Dibromoethane	107	10.859	10.859	(0.958)	135363	20.0000	20
* 78 Chlorobenzene-d5	117	11.334	11.334	(1.000)	484234	50.0000	
79 Chlorobenzene	112	11.359	11.359	(1.002)	195180	20.0000	20
80 1,1,1,2-Tetrachloroethane	131	11.437	11.437	(1.009)	113538	20.0000	20
81 Ethylbenzene	106	11.446	11.446	(1.010)	81988	20.8373	21
82 m+p-Xylene	106	11.571	11.571	(1.021)	215054	40.0000	40
84 o-Xylene	106	11.978	11.978	(1.057)	104846	20.0000	20
85 Styrene	104	11.996	11.996	(1.058)	184166	20.0000	20
83 Butyl Acrylate	73	11.878	11.878	(1.048)	75538	20.0000	20
86 Bromoform	173	12.223	12.223	(1.078)	94751	20.0000	20
87 Amyl Acetate	43	12.105	12.105	(0.879)	107871	19.8663	20
88 Isopropylbenzene	105	12.342	12.342	(1.089)	253900	20.2282	20
\$ 89 Bromofluorobenzene (SUR)	174	12.524	12.524	(0.910)	237389	50.0000	50
90 Camphene (total)	41	12.627	12.627	(1.114)	19586	20.0090	20
91 Bromobenzene	156	12.714	12.714	(0.924)	107415	19.6788	20
92 1,1,2,2-Tetrachloroethane	83	12.654	12.654	(0.919)	124098	20.0000	20
93 1,2,3-Trichloropropane	110	12.714	12.714	(0.924)	34544	19.8469	20
94 trans-1,4-Dichloro-2-butene	53	12.697	12.697	(0.922)	20746	21.7245	22
95 n-Propylbenzene	91	12.758	12.758	(0.927)	284941	20.0000	20
96 2-Chlorotoluene	91	12.885	12.885	(0.936)	174372	20.0000	20
97 1,3,5-Trimethylbenzene	105	12.929	12.929	(0.939)	201406	20.0000	20
98 4-Chlorotoluene	91	12.990	12.990	(0.944)	244910	19.8685	20
99 Butyl Methacrylate	87	12.964	12.964	(0.942)	145969	20.0000	20
100 tert-Butylbenzene	119	13.299	13.299	(0.966)	187607	20.0000	20
101 1,2,4-Trimethylbenzene	105	13.336	13.336	(0.969)	206670	19.9567	20
102 2-Octanone	43	13.390	13.390	(0.973)	145603	20.0000	20
103 sec-Butylbenzene	105	13.519	13.519	(0.982)	243289	20.0000	20
104 2-Octanol	45	13.436	13.436	(0.976)	61004	20.0000	20
105 1,3-Dichlorobenzene	146	13.692	13.692	(0.995)	140065	20.0000	20
107 p-Isopropyltoluene	119	13.664	13.664	(0.993)	191589	20.0000	20
* 108 1,4-Dichlorobenzene-d4	152	13.765	13.765	(1.000)	246052	50.0000	
109 1,4-Dichlorobenzene	146	13.793	13.793	(1.002)	174854	19.2122	19
110 Benzyl Chloride	91	13.929	13.929	(1.012)	90834	20.0000	20
106 n-Butylbenzene	91	14.121	14.121	(1.026)	166703	20.0000	20
111 1,2-Dichlorobenzene	146	14.239	14.239	(1.034)	143982	19.9289	20
112 1,2-Dibromo-3-chloropropane	75	15.203	15.203	(1.104)	21122	20.0000	20
113 Camphor	95	16.267	16.267	(1.182)	42318	99.3666	99
114 1,2,4-Trichlorobenzene	180	16.395	16.395	(1.191)	70168	20.0000	20
115 Hexachlorobutadiene	225	16.615	16.615	(1.207)	51971	20.0000	20
116 Naphthalene	128	16.850	16.850	(1.224)	123352	20.0097	20
117 1,2,3-Trichlorobenzene	180	17.261	17.261	(1.254)	60397	20.0000	20
M 120 1,2-Dichloroethene (Total)	100				185820	40.0000	40

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05441.d
Report Date: 11-Nov-2011 07:58

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====	(ug/L)	(ug/L)
M 121 Xylene (Total)	100				319900	60.0000	60

QC Flag Legend

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

Data File: j05441.d

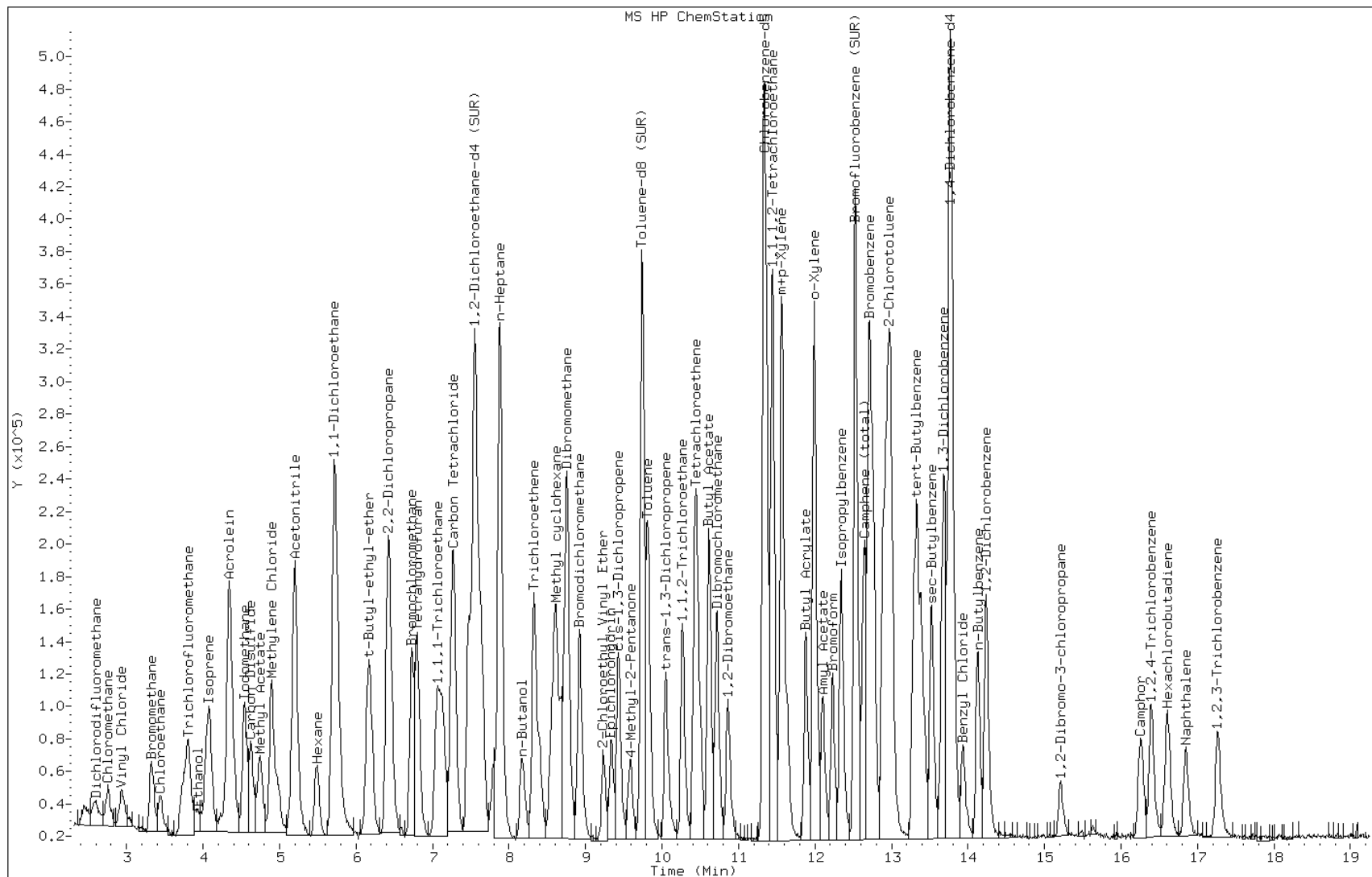
Date: 11-NOV-2011 08:38

Client ID:

Instrument: VOAMS8.i

Sample Info: CCV

Operator:



TestAmerica

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04488.d
 Lab Smp Id: BFB
 Inj Date : 12-OCT-2011 01:08
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/8260BFB.m
 Meth Date : 12-Oct-2011 16:30 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			
6.951	7.025 (0.000)	95	58936			0.00- 100.00	100.00
6.951	7.025 (0.000)	50	11702			15.00- 40.00	19.86
6.951	7.025 (0.000)	75	26398			30.00- 60.00	44.79
6.951	7.025 (0.000)	96	3375			5.00- 9.00	5.73
6.951	7.025 (0.000)	173	117			0.00- 2.00	0.31
6.951	7.025 (0.000)	174	37256			50.00- 100.00	63.21
6.951	7.025 (0.000)	175	2998			5.00- 9.00	8.05
6.951	7.025 (0.000)	176	36792			95.00- 101.00	98.75
6.951	7.025 (0.000)	177	2182			5.00- 9.00	5.93

Data File: j04488.d

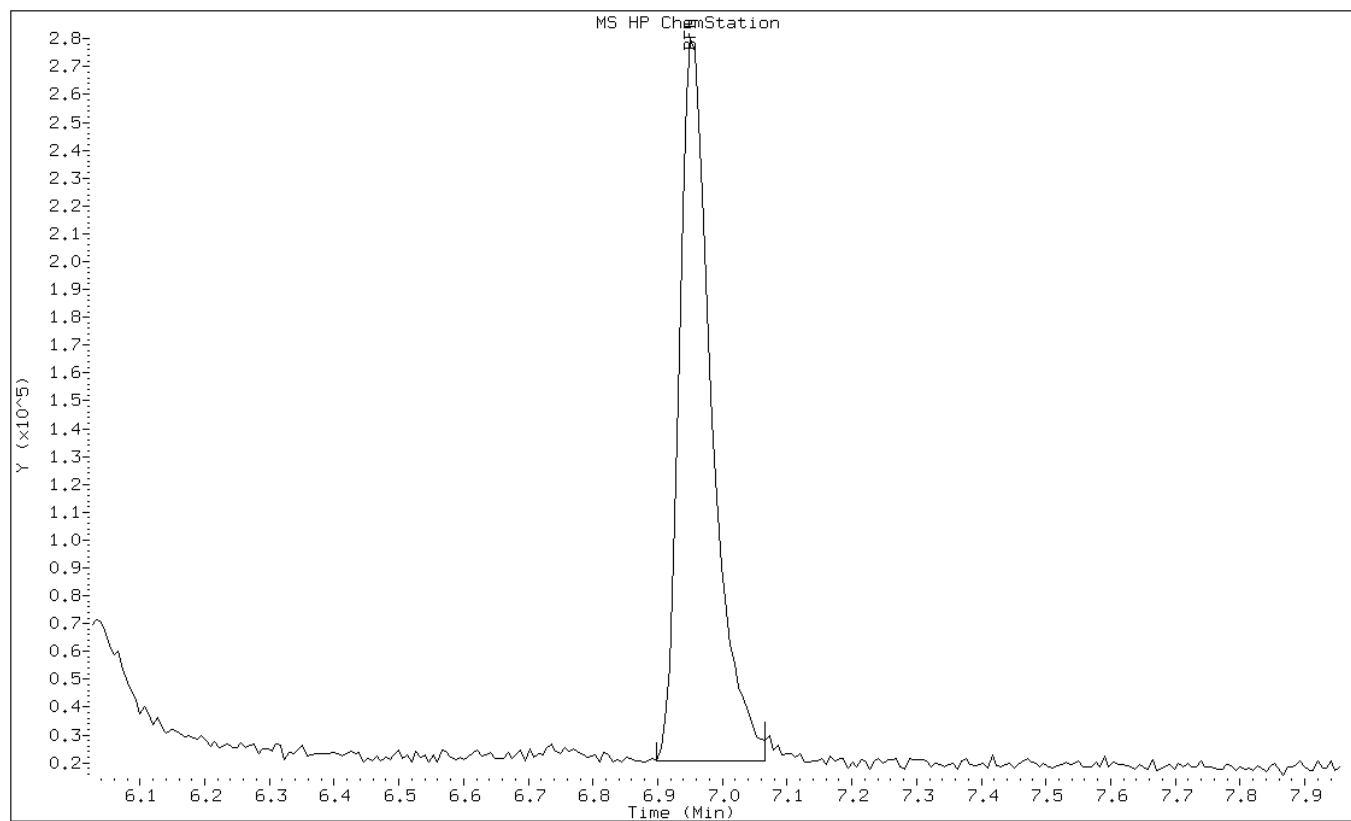
Date: 12-OCT-2011 01:08

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j04488.d

Date: 12-OCT-2011 01:08

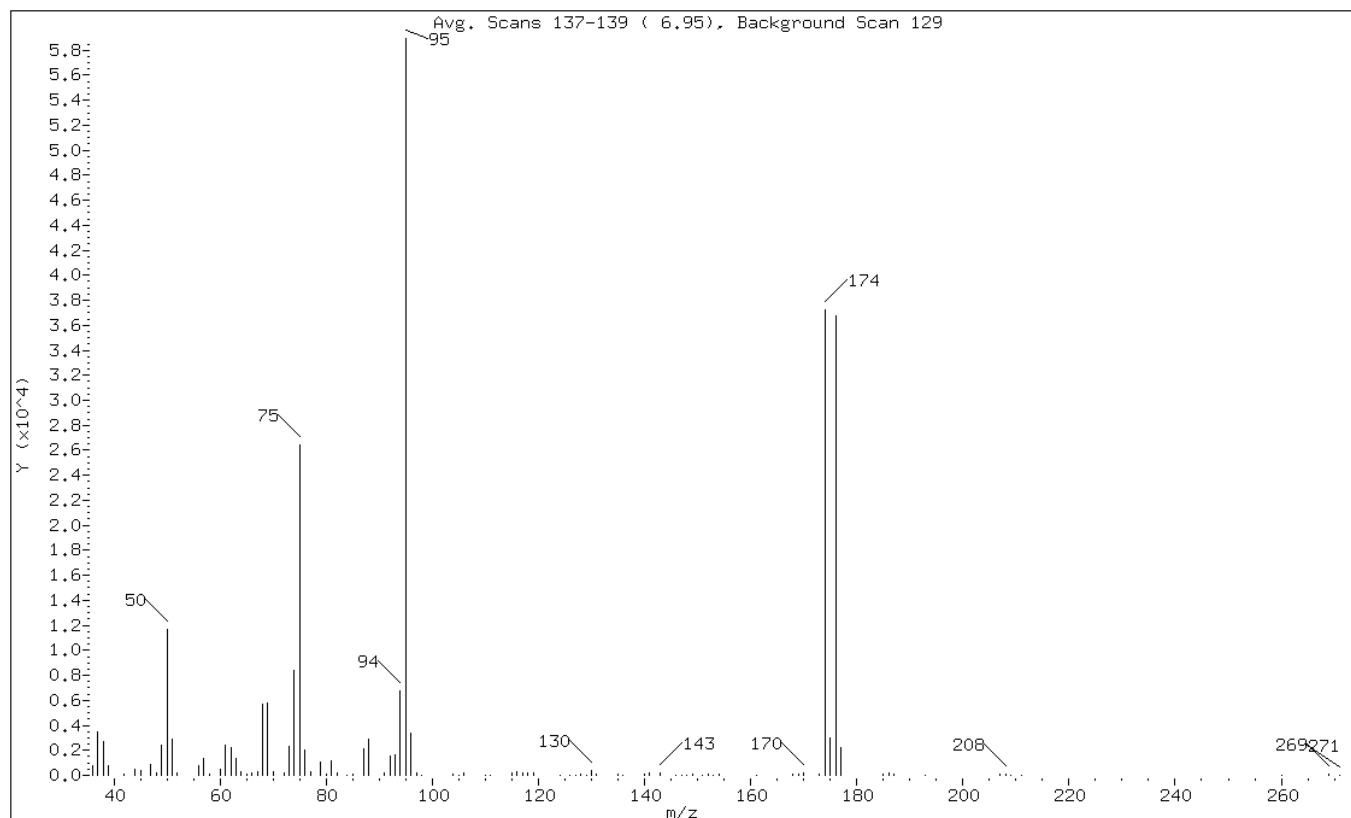
Client ID:

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	19.86
75	30.00 - 60.00% of mass 95	44.79
96	5.00 - 9.00% of mass 95	5.73
173	Less than 2.00% of mass 174	0.20 (0.31)
174	50.00 - 100.00% of mass 95	63.21
175	5.00 - 9.00% of mass 174	5.09 (8.05)
176	95.00 - 101.00% of mass 174	62.43 (98.75)
177	5.00 - 9.00% of mass 176	3.70 (5.93)

Data File: j04488.d

Date: 12-OCT-2011 01:08

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b/j04488.d
Spectrum: Avg. Scans 137-139 (6.95), Background Scan 129
Location of Maximum: 95.00
Number of points: 99

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	757	69.00	5765	105.00	33	151.00	36
37.00	3498	70.00	246	106.00	166	152.00	92
38.00	2664	72.00	203	110.00	36	153.00	46
39.00	765	73.00	2311	111.00	42	154.00	99
42.00	88	74.00	8368	115.00	178	161.00	37
44.00	442	75.00	26392	116.00	244	168.00	87
45.00	372	76.00	2036	117.00	175	169.00	82
47.00	880	77.00	255	118.00	165	170.00	213
48.00	224	79.00	1089	119.00	175	173.00	117
49.00	2364	80.00	139	124.00	36	174.00	37256
50.00	11702	81.00	1139	126.00	34	175.00	2998
51.00	2941	82.00	173	127.00	9	176.00	36792
52.00	173	84.00	40	128.00	99	177.00	2182
56.00	788	85.00	109	129.00	34	185.00	56
57.00	1365	87.00	2078	130.00	381	186.00	168
58.00	77	88.00	2888	131.00	144	187.00	110
60.00	493	91.00	202	135.00	56	193.00	36
61.00	2374	92.00	1547	136.00	33	207.00	49
62.00	2182	93.00	1614	140.00	115	208.00	84
63.00	1358	94.00	6784	141.00	169	209.00	35
64.00	311	95.00	58936	143.00	177	211.00	36
65.00	73	96.00	3375	146.00	34	260.00	36
66.00	167	97.00	178	147.00	43	269.00	69
67.00	253	98.00	33	148.00	46	271.00	42
68.00	5728	104.00	141	149.00	126		

TestAmerica

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05413.d
 Lab Smp Id: BFB
 Inj Date : 10-NOV-2011 19:44
 Operator : VOAMS 1 Inst ID: VOAMS8.i
 Smp Info : BFB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260BFB.m
 Meth Date : 12-Oct-2011 16:30 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							
		ON-COL		FINAL			
RT	EXP RT (REL RT)	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
1 BFB				CAS #: 460-00-4			
6.995	7.025 (0.000)	95	41328			0.00- 100.00	100.00
6.995	7.025 (0.000)	50	8302			15.00- 40.00	20.09
6.995	7.025 (0.000)	75	18720			30.00- 60.00	45.30
6.995	7.025 (0.000)	96	2750			5.00- 9.00	6.65
6.995	7.025 (0.000)	173	67			0.00- 2.00	0.24
6.995	7.025 (0.000)	174	28360			50.00- 100.00	68.62
6.995	7.025 (0.000)	175	1996			5.00- 9.00	7.04
6.995	7.025 (0.000)	176	28600			95.00- 101.00	100.85
6.995	7.025 (0.000)	177	1975			5.00- 9.00	6.91

Data File: j05413.d

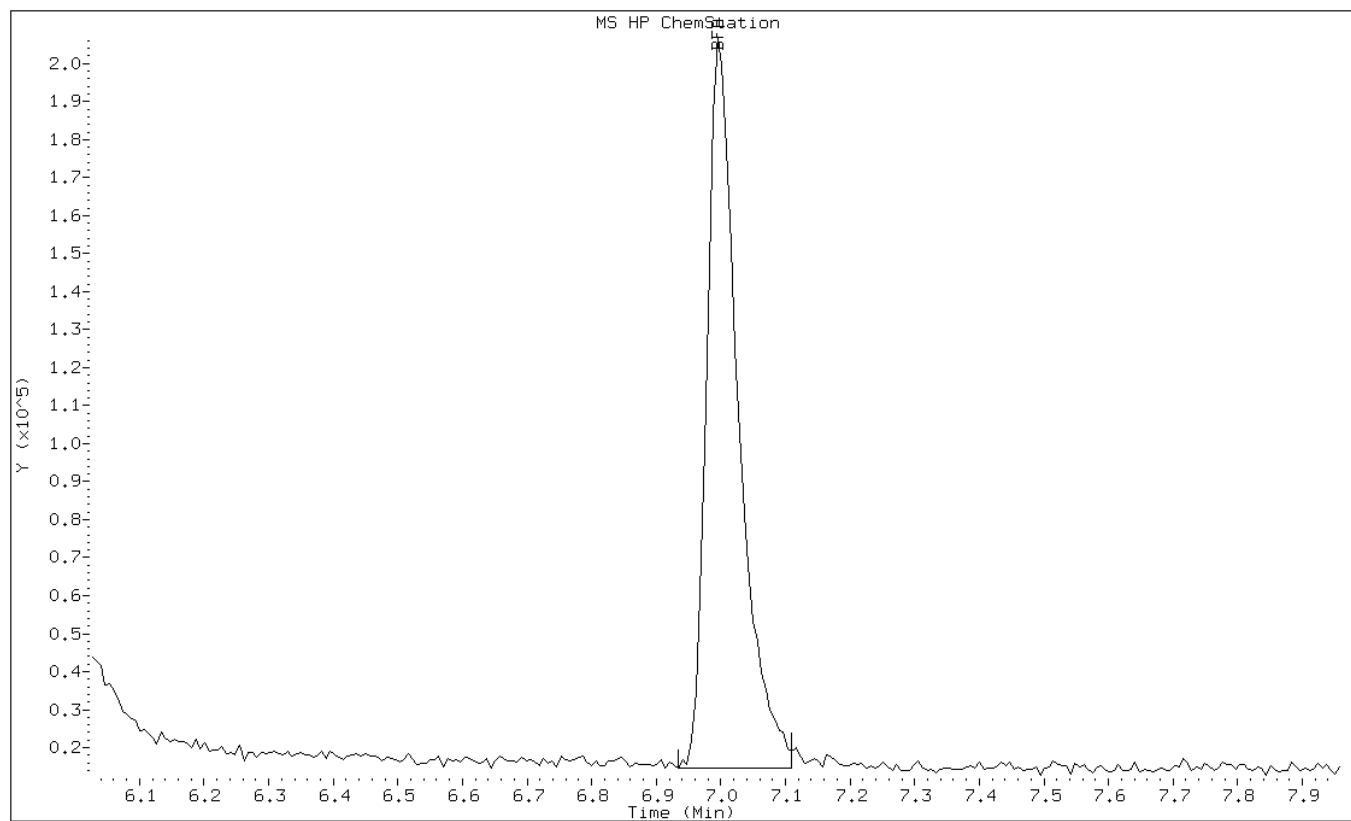
Date: 10-NOV-2011 19:44

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1



Data File: j05413.d

Date: 10-NOV-2011 19:44

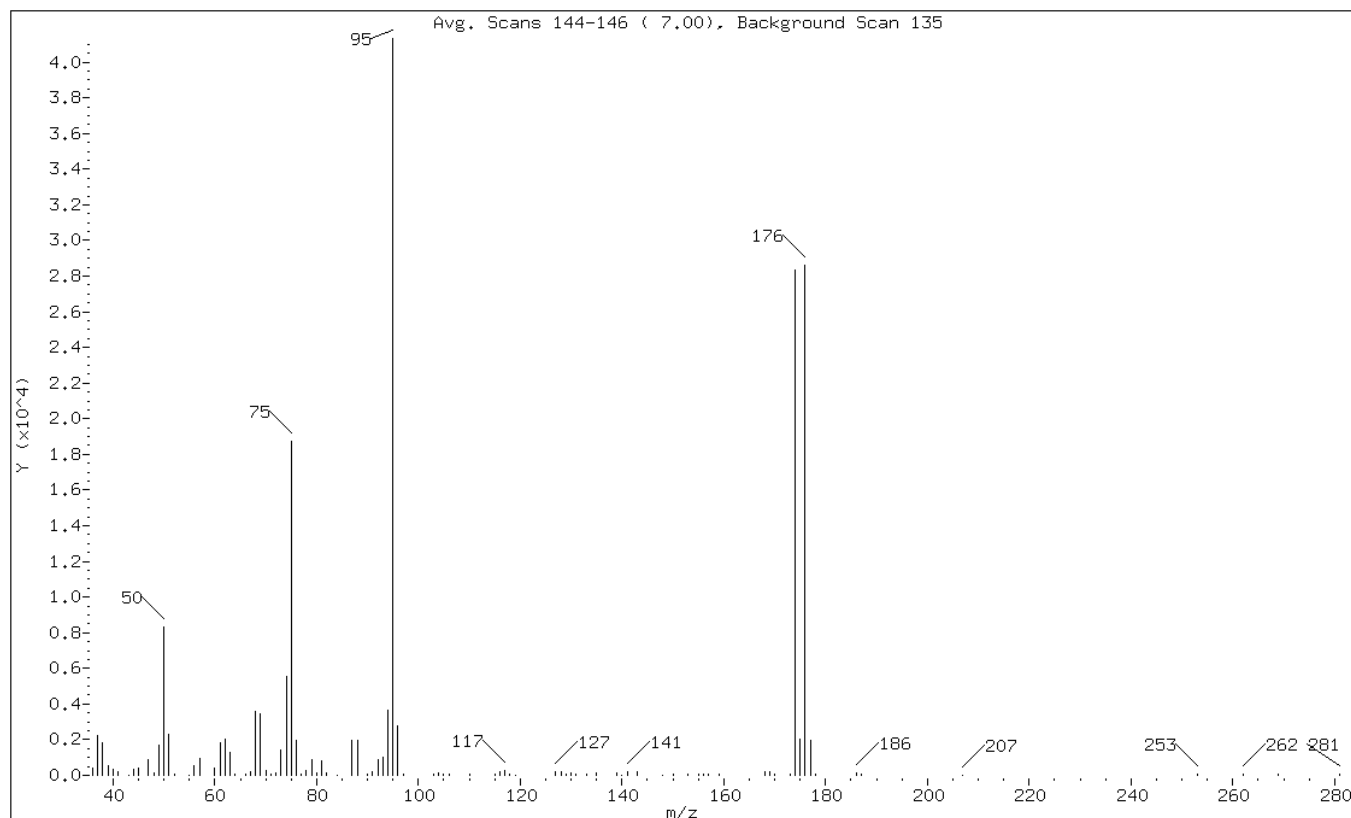
Client ID:

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	20.09
75	30.00 - 60.00% of mass 95	45.30
96	5.00 - 9.00% of mass 95	6.65
173	Less than 2.00% of mass 174	0.16 (0.24)
174	50.00 - 100.00% of mass 95	68.62
175	5.00 - 9.00% of mass 174	4.83 (7.04)
176	95.00 - 101.00% of mass 174	69.20 (100.85)
177	5.00 - 9.00% of mass 176	4.78 (6.91)

Data File: j05413.d

Date: 10-NOV-2011 19:44

Client ID:

Instrument: VOAMS8.i

Sample Info: BFB

Operator: VOAMS 1

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05413.d
Spectrum: Avg. Scans 144-146 (7.00), Background Scan 135
Location of Maximum: 95.00
Number of points: 95

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	438	67.00	223	95.00	41328	148.00	33
37.00	2255	68.00	3572	96.00	2750	150.00	41
38.00	1793	69.00	3431	97.00	83	153.00	43
39.00	567	70.00	248	103.00	34	155.00	94
40.00	363	71.00	85	104.00	162	156.00	38
41.00	172	72.00	167	105.00	45	157.00	43
43.00	25	73.00	1429	106.00	89	159.00	43
44.00	366	74.00	5513	110.00	39	168.00	195
45.00	426	75.00	18720	115.00	98	169.00	174
47.00	883	76.00	1933	116.00	201	170.00	73
48.00	150	77.00	62	117.00	283	173.00	67
49.00	1715	78.00	262	118.00	52	174.00	28360
50.00	8302	79.00	847	119.00	25	175.00	1996
51.00	2305	80.00	110	127.00	216	176.00	28600
52.00	47	81.00	820	128.00	204	177.00	1975
55.00	10	82.00	166	129.00	78	178.00	45
56.00	521	84.00	33	130.00	117	186.00	164
57.00	968	87.00	1975	131.00	90	187.00	38
60.00	435	88.00	1973	133.00	46	207.00	11
61.00	1828	90.00	34	135.00	107	253.00	44
62.00	1996	91.00	184	139.00	150	262.00	38
63.00	1282	92.00	876	140.00	33	269.00	36
64.00	48	93.00	1022	141.00	234	281.00	60
66.00	92	94.00	3664	143.00	230		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-92617/4

Matrix: Water Lab File ID: j05419.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2011 23:07

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.25
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.29
74-87-3	Chloromethane	1.0	U	1.0	0.21
75-01-4	Vinyl chloride	1.0	U	1.0	0.13
74-83-9	Bromomethane	1.0	U	1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.15
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.16
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.16
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.14
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.28
67-64-1	Acetone	10	U	10	2.5
75-15-0	Carbon disulfide	1.0	U	1.0	0.15
79-20-9	Methyl acetate	2.0	U	2.0	0.33
75-09-2	Methylene Chloride	1.0	U	1.0	0.19
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.14
124-48-1	Chlorodibromomethane	1.0	U	1.0	0.11
1634-04-4	Methyl tert-butyl ether	1.0	U	1.0	0.18
75-00-3	Chloroethane	1.0	U	1.0	0.45
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.10
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.20
78-93-3	2-Butanone (MEK)	10	U	10	0.82
67-66-3	Chloroform	1.0	U	1.0	0.15
100-41-4	Ethylbenzene	1.0	U	1.0	0.25
110-82-7	Cyclohexane	1.0	U	1.0	0.13
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.19
71-43-2	Benzene	1.0	U	1.0	0.13
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.24
79-01-6	Trichloroethene	1.0	U	1.0	0.18
108-87-2	Methylcyclohexane	1.0	U	1.0	0.090
75-27-4	Dichlorobromomethane	1.0	U	1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	10	U	10	0.68
108-88-3	Toluene	1.0	U	1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.12
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-92617/4
 Matrix: Water Lab File ID: j05419.d
 Analysis Method: 8260B Date Collected: _____
 Sample wt/vol: 5(mL) Date Analyzed: 11/10/2011 23:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
591-78-6	2-Hexanone	10	U	10	0.55
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.090
108-90-7	Chlorobenzene	1.0	U	1.0	0.16
1330-20-7	Xylenes, Total	3.0	U	3.0	0.43
100-42-5	Styrene	1.0	U	1.0	0.13
75-25-2	Bromoform	1.0	U	1.0	0.10
98-82-8	Isopropylbenzene	1.0	U	1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.090
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.22
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-122
460-00-4	4-Bromofluorobenzene	100		69-135
2037-26-5	Toluene-d8 (Surr)	96		69-125

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-92617/4
Matrix: Water Lab File ID: j05419.d
Analysis Method: 8260B Date Collected: _____
Sample wt/vol: 5(mL) Date Analyzed: 11/10/2011 23:07
Soil Aliquot Vol: _____ Dilution Factor: 1
Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
% Moisture: _____ Level: (low/med) Low
Analysis Batch No.: 92617 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05419.d
 Report Date: 10-Nov-2011 23:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05419.d
 Lab Smp Id: MB
 Inj Date : 10-NOV-2011 23:07
 Operator : Inst ID: VOAMS8.i
 Smp Info : MB
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 10-Nov-2011 23:30 eddie Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 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						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
	=====	==	=====	=====	=====	(ug/L)	(ug/L)	
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.488	7.487	(0.948)	200761	53.5528	54	
* 52 Fluorobenzene	96	7.898	7.889	(1.000)	638215	50.0000		
\$ 65 Toluene-d8 (SUR)	98	9.754	9.745	(0.860)	476812	47.8806	48	
* 78 Chlorobenzene-d5	117	11.345	11.332	(1.000)	472718	50.0000		
\$ 89 Bromofluorobenzene (SUR)	174	12.543	12.534	(0.910)	218292	50.0063	50	
* 108 1,4-Dichlorobenzene-d4	152	13.780	13.767	(1.000)	204257	50.0000		

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05419.d
Report Date: 10-Nov-2011 23:31

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05419.d
Lab Smp Id: MB
Inj Date : 10-NOV-2011 23:07
Operator : Inst ID: VOAMS8.i
Smp Info : MB
Misc Info :
Comment :
Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
Meth Date : 10-Nov-2011 23:30 eddie Quant Type: ISTD
Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd2

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: j05419.d

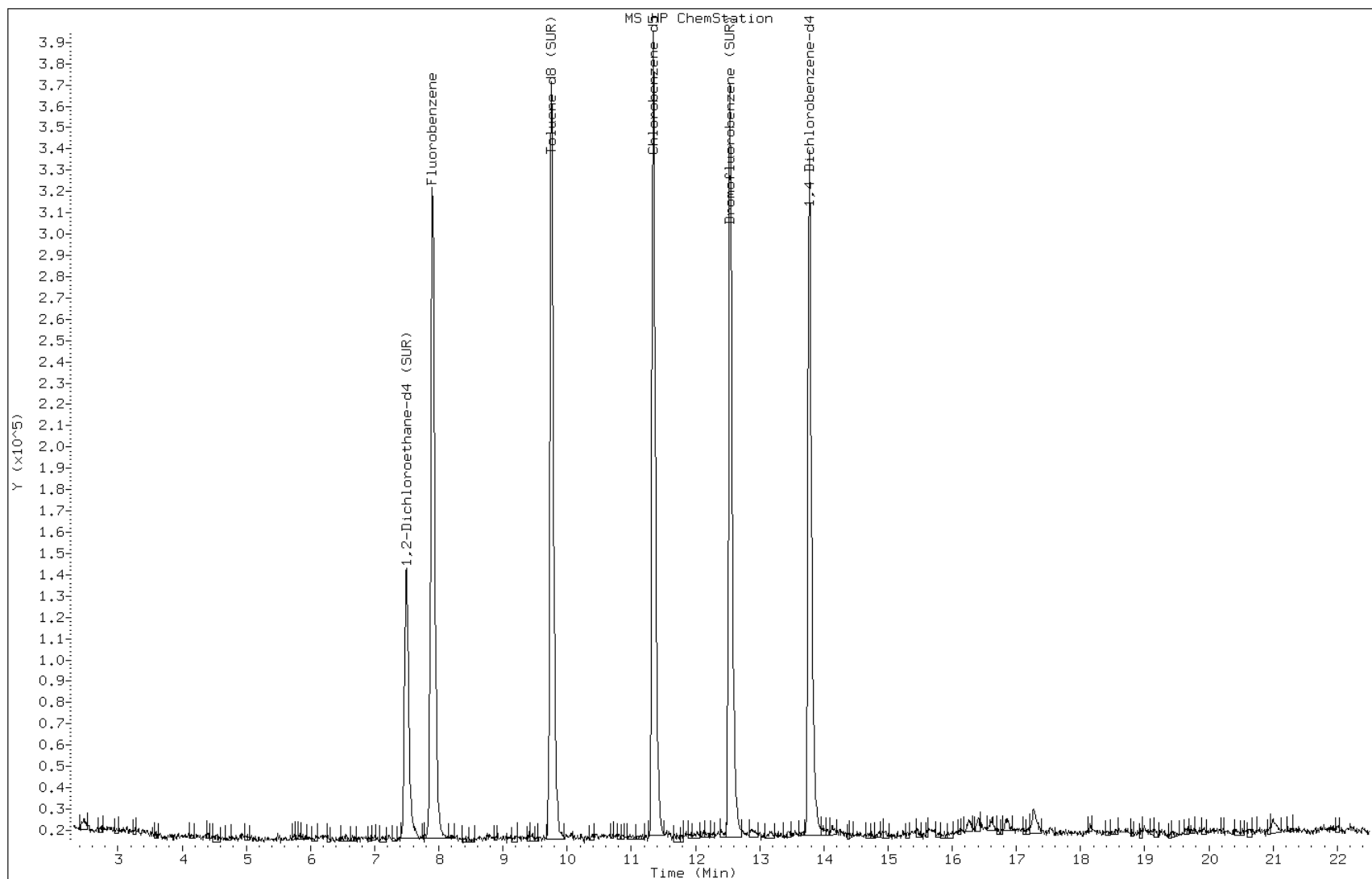
Date: 10-NOV-2011 23:07

Client ID:

Instrument: VOAMS8.i

Sample Info: MB

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-92617/3

Matrix: Water Lab File ID: j05417.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2011 22:03

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.4		1.0	0.25
75-71-8	Dichlorodifluoromethane	19.3		1.0	0.29
74-87-3	Chloromethane	23.6		1.0	0.21
75-01-4	Vinyl chloride	21.6		1.0	0.13
74-83-9	Bromomethane	19.1		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	20.4		1.0	0.15
95-50-1	1,2-Dichlorobenzene	19.7		1.0	0.16
75-69-4	Trichlorofluoromethane	20.4		1.0	0.16
75-35-4	1,1-Dichloroethene	20.7		1.0	0.14
78-87-5	1,2-Dichloropropane	19.1		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	24.5		1.0	0.28
67-64-1	Acetone	20.3		10	2.5
75-15-0	Carbon disulfide	22.3		1.0	0.15
79-20-9	Methyl acetate	26.0		2.0	0.33
75-09-2	Methylene Chloride	19.6		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	19.6		1.0	0.14
124-48-1	Chlorodibromomethane	19.1		1.0	0.11
1634-04-4	Methyl tert-butyl ether	19.2		1.0	0.18
75-00-3	Chloroethane	20.1		1.0	0.45
75-34-3	1,1-Dichloroethane	21.1		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	20.2		1.0	0.20
78-93-3	2-Butanone (MEK)	17.6		10	0.82
67-66-3	Chloroform	20.5		1.0	0.15
100-41-4	Ethylbenzene	20.1		1.0	0.25
110-82-7	Cyclohexane	23.5		1.0	0.13
56-23-5	Carbon tetrachloride	21.0		1.0	0.19
71-43-2	Benzene	19.6		1.0	0.13
107-06-2	1,2-Dichloroethane	20.4		1.0	0.24
79-01-6	Trichloroethene	20.4		1.0	0.18
108-87-2	Methylcyclohexane	22.9		1.0	0.090
75-27-4	Dichlorobromomethane	20.7		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	19.4		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	19.0		10	0.68
108-88-3	Toluene	20.5		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	20.0		1.0	0.12
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-92617/3

Matrix: Water Lab File ID: j05417.d

Analysis Method: 8260B Date Collected: _____

Sample wt/vol: 5(mL) Date Analyzed: 11/10/2011 22:03

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	19.6		1.0	0.20
591-78-6	2-Hexanone	18.4		10	0.55
106-93-4	1,2-Dibromoethane	19.3		1.0	0.090
108-90-7	Chlorobenzene	20.2		1.0	0.16
1330-20-7	Xylenes, Total	59.3		3.0	0.43
100-42-5	Styrene	19.2		1.0	0.13
75-25-2	Bromoform	19.9		1.0	0.10
98-82-8	Isopropylbenzene	20.0		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	18.9		1.0	0.090
541-73-1	1,3-Dichlorobenzene	18.6		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.7		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	22.1		1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-122
460-00-4	4-Bromofluorobenzene	101		69-135
2037-26-5	Toluene-d8 (Surr)	95		69-125

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05417.d
 Report Date: 14-Nov-2011 08:20

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05417.d
 Lab Smp Id: LCS
 Inj Date : 10-NOV-2011 22:03
 Operator : Inst ID: VOAMS8.i
 Smp Info : LCS
 Misc Info :
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 14-Nov-2011 08:20 delpolit Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 4 QC Sample: METHSPIKE
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd2

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
2 Dichlorodifluoromethane	85	2.622	2.584	(0.332)	119698	19.3129	19
3 Chloromethane	50	2.765	2.767	(0.350)	75804	23.5502	24
4 Vinyl Chloride	62	2.946	2.949	(0.373)	84133	21.6464	22
6 Bromomethane	94	3.337	3.331	(0.423)	71827	19.1068	19
5 Chloroethane	64	3.446	3.440	(0.437)	46079	20.1441	20
7 Trichlorofluoromethane	101	3.746	3.758	(0.475)	166239	20.4118	20
8 n-Pentane	72	3.819	3.813	(0.484)	10349	28.8150	29
9 Ethanol	46	3.938	3.948	(0.499)	19778	2680.69	2700
10 Isoprene	67	4.102	4.094	(0.520)	77170	25.9038	26
11 Ethyl Ether	59	4.047	4.040	(0.513)	54994	21.1082	21
13 Acrolein	56	4.228	4.231	(0.536)	10997	29.5330	30
15 1,1-Dichloroethene	96	4.356	4.340	(0.552)	77703	20.6915	21
14 Freon TF	101	4.356	4.358	(0.552)	147122	24.5498	24
16 Acetone	58	4.391	4.395	(0.556)	4785	20.3140	20
17 Iodomethane	142	4.553	4.550	(0.577)	234706	21.5771	22
18 Carbon Disulfide	76	4.635	4.641	(0.587)	221952	22.3192	22

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05417.d
Report Date: 14-Nov-2011 08:20

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	5.192	5.197	(0.658)	16323	433.654	430
27 Methyl Acetate	74	4.763	4.760	(0.603)	18994	25.9759	26
22 Methylene Chloride	84	4.900	4.897	(0.621)	86358	19.6047	20
24 TBA	59	4.991	4.988	(0.632)	79057	380.603	380
25 trans-1,2-Dichloroethene	96	5.227	5.223	(0.662)	89883	19.6486	20
26 Acrylonitrile	53	5.192	5.197	(0.658)	14862	19.2214	19
28 MTBE	73	5.201	5.188	(0.659)	193975	19.2258	19
29 Hexane	56	5.499	5.497	(0.697)	35034	23.4211	23
30 1,1-Dichloroethane	63	5.727	5.724	(0.726)	172298	21.0523	21
31 Vinyl Acetate	43	5.745	5.733	(0.728)	223141	18.5593	18
32 DIPE	45	5.745	5.733	(0.728)	336413	19.5293	20
35 t-Butyl-ethyl-ether	59	6.183	6.180	(0.783)	284497	20.3946	20
37 2,2-Dichloropropane	77	6.439	6.443	(0.816)	129687	20.8902	21
36 cis-1,2-Dichloroethene	96	6.430	6.425	(0.815)	99297	20.2010	20
38 2-Butanone	72	6.439	6.434	(0.816)	5819	17.5573	18
39 Ethyl Acetate	70	6.457	6.461	(0.818)	18016	40.9932	41
40 Bromochloromethane	128	6.729	6.742	(0.852)	66179	19.6336	20
41 Tetrahydrofuran	42	6.792	6.787	(0.860)	17740	19.8169	20
42 Chloroform	83	6.810	6.814	(0.863)	180753	20.4854	20
43 1,1,1-Trichloroethane	97	7.075	7.070	(0.896)	140974	19.4335	19
44 Cyclohexane	56	7.148	7.142	(0.906)	96574	23.5168	24
45 Carbon Tetrachloride	117	7.283	7.297	(0.923)	138219	20.9522	21
46 1,1-Dichloropropene	75	7.273	7.279	(0.921)	122844	20.5392	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.484	7.487	(0.948)	177959	49.7918	50
48 Benzene	78	7.566	7.560	(0.668)	239021	19.6338	20
49 1,2-Dichloroethane	62	7.575	7.569	(0.960)	105645	20.4412	20
51 n-Heptane	57	7.811	7.806	(0.990)	32983	24.1608	24(R)
50 t-Amyl-methyl-ether	73	7.639	7.642	(0.968)	239817	20.5878	20
* 52 Fluorobenzene	96	7.893	7.889	(1.000)	608459	50.0000	
54 Trichloroethene	95	8.338	8.334	(1.056)	105505	20.3590	20
53 n-Butanol	43	8.183	8.178	(1.037)	41196	1474.48	1500
56 Methyl cyclohexane	83	8.566	8.571	(1.085)	74410	22.9393	23
55 Ethyl Acrylate	55	8.420	8.407	(1.067)	99225	19.1254	19
57 1,2-Dichloropropane	63	8.630	8.625	(1.093)	102263	19.1302	19
58 Dibromomethane	93	8.774	8.771	(1.112)	92878	19.3799	19
60 1,4-Dioxane	88	8.748	8.771	(1.108)	3512	134.889	130(a)
59 Methyl Methacrylate	100	8.703	8.689	(1.103)	22342	18.9554	19
75 Propyl Acetate	43	8.757	8.753	(1.109)	250708	38.6100	39
68 Bromodichloromethane	83	8.938	8.926	(1.132)	183526	20.7352	21
62 2-Chloroethyl Vinyl Ether	63	9.245	9.236	(1.171)	54805	19.1242	19
63 Epichlorohydrin	57	9.346	9.345	(0.825)	117656	372.475	370
67 cis-1,3-Dichloropropene	75	9.437	9.437	(0.833)	143831	19.4265	19
70 4-Methyl-2-Pentanone	43	9.592	9.592	(0.846)	77627	18.9861	19
\$ 65 Toluene-d8 (SUR)	98	9.746	9.745	(0.860)	427218	47.6712	48
66 Toluene	91	9.826	9.825	(0.867)	245880	20.4675	20
64 trans-1,3-Dichloropropene	75	10.063	10.051	(0.888)	121710	20.0222	20
69 1,1,2-Trichloroethane	83	10.281	10.280	(0.907)	72817	19.5298	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05417.d
 Report Date: 14-Nov-2011 08:20

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
71 Tetrachloroethene	166	10.441	10.435	(0.921)	101295	19.6214	20
72 1,3-Dichloropropane	76	10.460	10.461	(0.923)	130499	19.1133	19
73 2-Hexanone	43	10.524	10.516	(0.929)	43554	18.4019	18
74 Dibromochloromethane	129	10.723	10.726	(0.946)	147279	19.1135	19
76 Butyl Acetate	73	10.622	10.625	(0.937)	46614	34.4095	34
77 1,2-Dibromoethane	107	10.869	10.863	(0.959)	122664	19.2852	19
* 78 Chlorobenzene-d5	117	11.334	11.332	(1.000)	425411	50.0000	
79 Chlorobenzene	112	11.371	11.369	(1.003)	179468	20.1585	20
80 1,1,1,2-Tetrachloroethane	131	11.442	11.451	(1.009)	102207	19.7949	20
81 Ethylbenzene	106	11.460	11.460	(1.011)	69873	20.0721	20
82 m+p-Xylene	106	11.570	11.570	(1.021)	185336	39.4889	39
84 o-Xylene	106	11.990	11.996	(1.058)	89790	19.8217	20
85 Styrene	104	12.008	11.996	(1.059)	162924	19.2459	19
83 Butyl Acrylate	73	11.880	11.886	(1.048)	73188	20.1364	20
86 Bromoform	173	12.233	12.232	(1.079)	97797	19.9043	20
87 Amyl Acetate	43	12.107	12.113	(0.879)	156877	30.3102	30
88 Isopropylbenzene	105	12.352	12.351	(1.090)	222088	19.9984	20
\$ 89 Bromofluorobenzene (SUR)	174	12.535	12.534	(0.910)	208577	50.2723	50
90 Camphene (total)	41	12.636	12.644	(1.115)	27071	30.6449	31(R)
91 Bromobenzene	156	12.718	12.717	(0.923)	92733	19.9154	20
92 1,1,2,2-Tetrachloroethane	83	12.655	12.662	(0.919)	113925	18.8809	19
93 1,2,3-Trichloropropane	110	12.728	12.726	(0.924)	28415	19.7917	20
94 trans-1,4-Dichloro-2-butene	53	12.709	12.708	(0.923)	26854	25.5988	26(R)
95 n-Propylbenzene	91	12.773	12.763	(0.927)	244862	19.8514	20
96 2-Chlorotoluene	91	12.891	12.896	(0.936)	153563	20.0179	20
97 1,3,5-Trimethylbenzene	105	12.937	12.933	(0.939)	165020	20.0386	20
98 4-Chlorotoluene	91	13.002	13.006	(0.944)	201769	19.5747	20
99 Butyl Methacrylate	87	12.965	12.970	(0.941)	132084	21.1703	21
100 tert-Butylbenzene	119	13.293	13.296	(0.965)	169732	20.2114	20
101 1,2,4-Trimethylbenzene	105	13.339	13.342	(0.968)	177186	19.9522	20
102 2-Octanone	43	13.399	13.397	(0.973)	145595	22.2298	22
103 sec-Butylbenzene	105	13.534	13.532	(0.983)	219707	19.7581	20
104 2-Octanol	45	13.443	13.434	(0.976)	60536	20.5435	20(R)
105 1,3-Dichlorobenzene	146	13.709	13.696	(0.995)	119409	18.6078	19
107 p-Isopropyltoluene	119	13.672	13.670	(0.993)	180169	20.4131	20
* 108 1,4-Dichlorobenzene-d4	152	13.773	13.767	(1.000)	194134	50.0000	
109 1,4-Dichlorobenzene	146	13.800	13.795	(1.002)	145097	18.7303	19
110 Benzyl Chloride	91	13.942	13.942	(1.012)	114800	19.1003	19
106 n-Butylbenzene	91	14.141	14.133	(1.027)	165225	21.4930	21
111 1,2-Dichlorobenzene	146	14.251	14.243	(1.035)	122975	19.6862	20
112 1,2-Dibromo-3-chloropropane	75	15.218	15.217	(1.105)	19991	20.3975	20
113 Camphor	95	16.283	16.272	(1.182)	42438	101.764	100
114 1,2,4-Trichlorobenzene	180	16.419	16.407	(1.192)	71720	22.0864	22
115 Hexachlorobutadiene	225	16.621	16.609	(1.207)	50736	20.7427	21
116 Naphthalene	128	16.868	16.854	(1.225)	121253	22.2064	22
117 1,2,3-Trichlorobenzene	180	17.284	17.276	(1.255)	63644	23.8641	24
M 120 1,2-Dichloroethene (Total)	100				189180	39.8694	40

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05417.d
 Report Date: 14-Nov-2011 08:20

Compounds	QUANT SIG	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
						ON-COLUMN	FINAL
	MASS					(ug/L)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====
M 121 Xylene (Total)	100				275126	59.3106	59

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: j05417.d

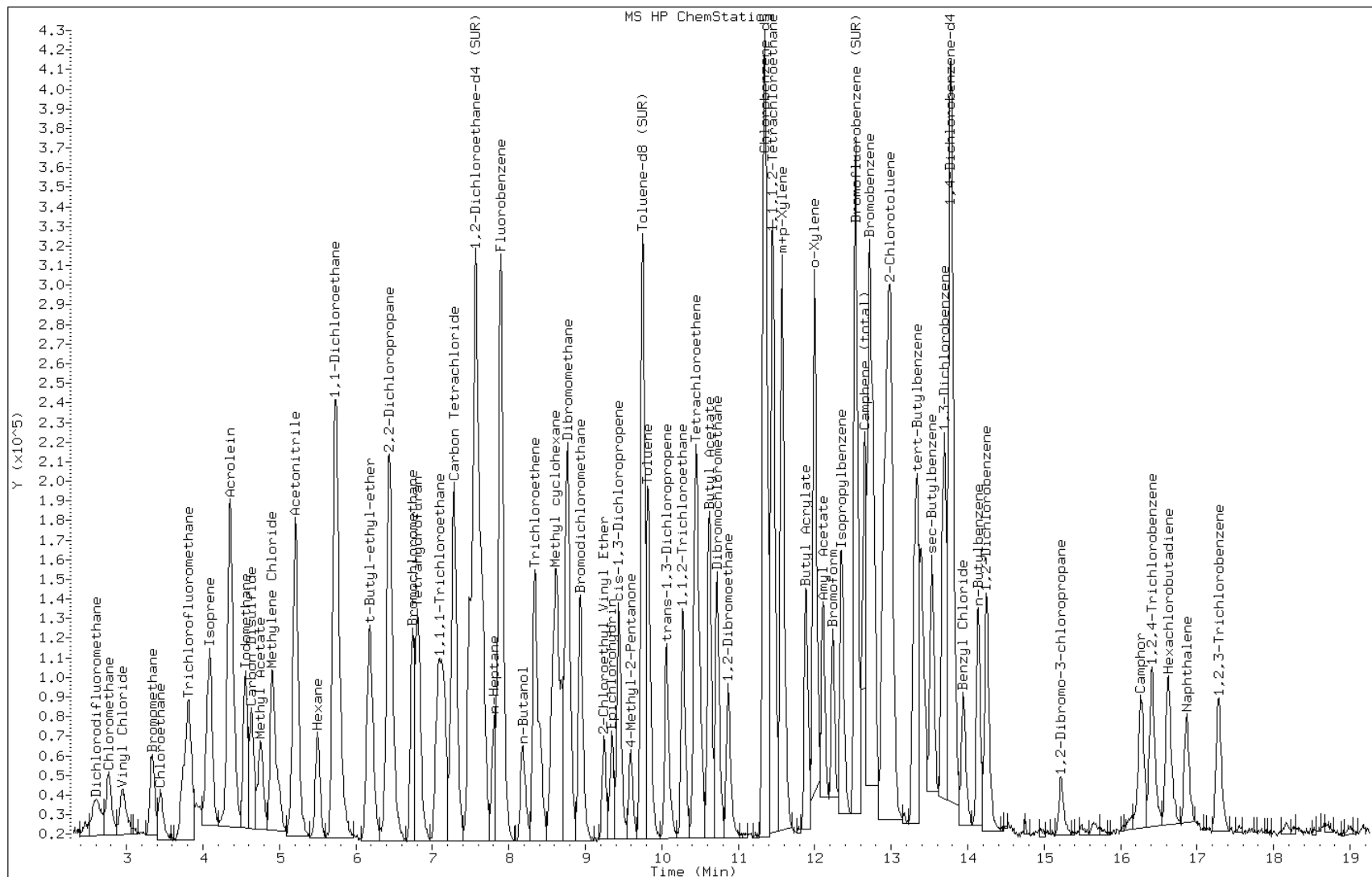
Date: 10-NOV-2011 22:03

Client ID:

Instrument: VOAMS8.i

Sample Info: LCS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS

Matrix: Water Lab File ID: j05435.d

Analysis Method: 8260B Date Collected: 11/02/2011 10:00

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 06:07

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.25
75-71-8	Dichlorodifluoromethane	16.2		1.0	0.29
74-87-3	Chloromethane	22.4		1.0	0.21
75-01-4	Vinyl chloride	19.3		1.0	0.13
74-83-9	Bromomethane	18.9		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	17.6		1.0	0.15
95-50-1	1,2-Dichlorobenzene	17.8		1.0	0.16
75-69-4	Trichlorofluoromethane	19.7		1.0	0.16
75-35-4	1,1-Dichloroethene	18.7		1.0	0.14
78-87-5	1,2-Dichloropropane	19.4		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25.7		1.0	0.28
67-64-1	Acetone	23.6		10	2.5
75-15-0	Carbon disulfide	15.3		1.0	0.15
79-20-9	Methyl acetate	18.0		2.0	0.33
75-09-2	Methylene Chloride	19.8		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	18.9		1.0	0.14
124-48-1	Chlorodibromomethane	15.9		1.0	0.11
1634-04-4	Methyl tert-butyl ether	19.1		1.0	0.18
75-00-3	Chloroethane	19.4		1.0	0.45
75-34-3	1,1-Dichloroethane	20.4		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.20
78-93-3	2-Butanone (MEK)	18.9		10	0.82
67-66-3	Chloroform	20.5		1.0	0.15
100-41-4	Ethylbenzene	19.9		1.0	0.25
110-82-7	Cyclohexane	26.0		1.0	0.13
56-23-5	Carbon tetrachloride	19.1		1.0	0.19
71-43-2	Benzene	18.2		1.0	0.13
107-06-2	1,2-Dichloroethane	19.5		1.0	0.24
79-01-6	Trichloroethene	19.9		1.0	0.18
108-87-2	Methylcyclohexane	23.4		1.0	0.090
75-27-4	Dichlorobromomethane	18.7		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	15.6		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	19.0		10	0.68
108-88-3	Toluene	18.3		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	15.5		1.0	0.12
79-00-5	1,1,2-Trichloroethane	18.7		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS
 Matrix: Water Lab File ID: j05435.d
 Analysis Method: 8260B Date Collected: 11/02/2011 10:00
 Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 06:07
 Soil Aliquot Vol: _____ Dilution Factor: 1
 Soil Extract Vol.: _____ GC Column: DB-624 ID: 0.53(mm)
 % Moisture: _____ Level: (low/med) Low
 Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	19.8		1.0	0.20
591-78-6	2-Hexanone	19.2		10	0.55
106-93-4	1,2-Dibromoethane	17.9		1.0	0.090
108-90-7	Chlorobenzene	19.1		1.0	0.16
1330-20-7	Xylenes, Total	55.8		3.0	0.43
100-42-5	Styrene	12.8		1.0	0.13
75-25-2	Bromoform	14.6		1.0	0.10
98-82-8	Isopropylbenzene	20.1		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.090
541-73-1	1,3-Dichlorobenzene	17.3		1.0	0.22
106-46-7	1,4-Dichlorobenzene	17.6		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	14.7		1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		70-122
460-00-4	4-Bromofluorobenzene	97		69-135
2037-26-5	Toluene-d8 (Surr)	98		69-125

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05435.d
 Report Date: 11-Nov-2011 06:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05435.d
 Lab Smp Id: 460-33168-A-1 MS Client Smp ID: GW-17338-110211-MW2
 Inj Date : 11-NOV-2011 06:07
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-33168-A-1 MS
 Misc Info : 460-33168-A-1 MS
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 10-Nov-2011 23:30 eddie Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 22 QC Sample: MS
 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						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	2.613	2.584	(0.331)	108246		16.2144	16
3 Chloromethane	50	2.777	2.767	(0.352)	77660		22.3991	22
4 Vinyl Chloride	62	2.950	2.949	(0.374)	80929		19.3308	19
6 Bromomethane	94	3.333	3.331	(0.422)	76554		18.9058	19
5 Chloroethane	64	3.459	3.440	(0.438)	47849		19.4200	19
7 Trichlorofluoromethane	101	3.750	3.758	(0.475)	172797		19.6975	20
8 n-Pentane	72	3.823	3.813	(0.484)	11996		31.0105	31
9 Ethanol	46	3.933	3.948	(0.498)	15545		1956.06	2000
10 Isoprene	67	4.105	4.094	(0.520)	38439		11.9789	12(R)
11 Ethyl Ether	59	4.051	4.040	(0.513)	57543		20.5048	20
13 Acrolein	56	4.241	4.231	(0.537)	12487		31.1348	31
15 1,1-Dichloroethene	96	4.359	4.340	(0.552)	75480		18.6601	19
14 Freon TF	101	4.368	4.358	(0.553)	165994		25.7151	26
16 Acetone	58	4.403	4.395	(0.557)	5976		23.5558	24
17 Iodomethane	142	4.557	4.550	(0.577)	247364		21.1121	21
18 Carbon Disulfide	76	4.640	4.641	(0.587)	163358		15.2505	15

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05435.d
 Report Date: 11-Nov-2011 06:03

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	5.194	5.197	(0.658)	19811	488.645	490
27 Methyl Acetate	74	4.767	4.760	(0.604)	14192	18.0192	18
22 Methylene Chloride	84	4.912	4.897	(0.622)	93897	19.7896	20
24 TBA	59	4.994	4.988	(0.632)	98206	438.933	440
25 trans-1,2-Dichloroethene	96	5.222	5.223	(0.661)	93305	18.9359	19
26 Acrylonitrile	53	5.203	5.197	(0.659)	19874	23.8637	24
28 MTBE	73	5.194	5.188	(0.658)	207135	19.0599	19
29 Hexane	56	5.518	5.497	(0.699)	35083	21.7743	22
30 1,1-Dichloroethane	63	5.719	5.724	(0.724)	179678	20.3817	20
31 Vinyl Acetate	43	5.747	5.733	(0.728)	223789	17.2802	17
32 DIPE	45	5.747	5.733	(0.728)	369251	19.9004	20
35 t-Butyl-ethyl-ether	59	6.180	6.180	(0.782)	305321	20.3199	20
37 2,2-Dichloropropane	77	6.435	6.443	(0.815)	114596	17.1374	17
36 cis-1,2-Dichloroethene	96	6.426	6.425	(0.814)	101355	19.1431	19
38 2-Butanone	72	6.444	6.434	(0.816)	6743	18.8886	19
39 Ethyl Acetate	70	6.463	6.461	(0.818)	16456	34.7623	35
40 Bromochloromethane	128	6.735	6.742	(0.853)	73409	20.2190	20
41 Tetrahydrofuran	42	6.781	6.787	(0.859)	20083	20.8278	21
42 Chloroform	83	6.818	6.814	(0.863)	194654	20.4809	20
43 1,1,1-Trichloroethane	97	7.082	7.070	(0.897)	153544	19.6504	20
44 Cyclohexane	56	7.146	7.142	(0.905)	114865	25.9678	26
45 Carbon Tetrachloride	117	7.292	7.297	(0.923)	135475	19.0656	19
46 1,1-Dichloropropene	75	7.283	7.279	(0.922)	131059	20.3434	20
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.483	7.487	(0.947)	215680	56.0241	56
48 Benzene	78	7.563	7.560	(0.667)	257174	18.1645	18
49 1,2-Dichloroethane	62	7.581	7.569	(0.960)	108659	19.5188	20
51 n-Heptane	57	7.818	7.806	(0.990)	25824	17.5622	18
50 t-Amyl-methyl-ether	73	7.654	7.642	(0.969)	254718	20.3009	20
* 52 Fluorobenzene	96	7.898	7.889	(1.000)	655398	50.0000	
54 Trichloroethene	95	8.346	8.334	(1.057)	111226	19.9259	20
53 n-Butanol	43	8.181	8.178	(1.036)	48796	1621.43	1600
56 Methyl cyclohexane	83	8.571	8.571	(1.085)	81919	23.4457	23
55 Ethyl Acrylate	55	8.410	8.407	(1.065)	111105	19.8816	20
57 1,2-Dichloropropane	63	8.626	8.625	(1.092)	111739	19.4059	19
58 Dibromomethane	93	8.772	8.771	(1.111)	98096	19.0028	19
60 1,4-Dioxane	88	8.763	8.771	(1.109)	3248	115.825	120(a)
59 Methyl Methacrylate	100	8.690	8.689	(1.100)	22556	17.7667	18
75 Propyl Acetate	43	8.754	8.753	(1.108)	232777	33.2811	33
68 Bromodichloromethane	83	8.935	8.926	(1.131)	178017	18.6724	19
63 Epichlorohydrin	57	9.345	9.345	(0.824)	21018	57.2145	57(R)
67 cis-1,3-Dichloropropene	75	9.436	9.437	(0.832)	134109	15.5750	16(R)
70 4-Methyl-2-Pentanone	43	9.589	9.592	(0.845)	90552	19.0436	19
\$ 65 Toluene-d8 (SUR)	98	9.754	9.745	(0.860)	511744	49.1005	49
66 Toluene	91	9.827	9.825	(0.866)	256284	18.3438	18
64 trans-1,3-Dichloropropene	75	10.055	10.051	(0.886)	109779	15.5286	16(R)
69 1,1,2-Trichloroethane	83	10.273	10.280	(0.906)	81004	18.6810	19
71 Tetrachloroethene	166	10.437	10.435	(0.920)	118596	19.7534	20

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05435.d
Report Date: 11-Nov-2011 06:03

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	10.464	10.461	(0.923)	142823	17.9868	18
73 2-Hexanone	43	10.519	10.516	(0.927)	52788	19.1780	19
74 Dibromochloromethane	129	10.728	10.726	(0.946)	142577	15.9103	16(R)
76 Butyl Acetate	73	10.620	10.625	(0.936)	45414	28.8259	29
77 1,2-Dibromoethane	107	10.871	10.863	(0.958)	132384	17.8965	18
* 78 Chlorobenzene-d5	117	11.343	11.332	(1.000)	494745	50.0000	
79 Chlorobenzene	112	11.370	11.369	(1.002)	197819	19.1058	19
80 1,1,1,2-Tetrachloroethane	131	11.443	11.451	(1.009)	110911	18.4704	18
81 Ethylbenzene	106	11.453	11.460	(1.010)	80710	19.9362	20
82 m+p-Xylene	106	11.577	11.570	(1.021)	203646	37.3095	37
84 o-Xylene	106	11.993	11.996	(1.057)	97369	18.4827	18
85 Styrene	104	12.003	11.996	(1.058)	126020	12.8003	13(R)
83 Butyl Acrylate	73	11.884	11.886	(1.048)	80355	19.0100	19
86 Bromoform	173	12.239	12.232	(1.079)	83557	14.6229	15
87 Amyl Acetate	43	12.103	12.113	(0.879)	157108	24.5980	24
88 Isopropylbenzene	105	12.347	12.351	(1.089)	259525	20.0945	20
\$ 89 Bromofluorobenzene (SUR)	174	12.539	12.534	(0.910)	249105	48.6538	49
90 Camphene (total)	41	12.649	12.644	(1.115)	5188	5.05077	5.0(R)
91 Bromobenzene	156	12.713	12.717	(0.923)	107161	18.6493	19
92 1,1,2,2-Tetrachloroethane	83	12.658	12.662	(0.919)	132694	17.8209	18
93 1,2,3-Trichloropropane	110	12.722	12.726	(0.924)	32353	18.2608	18
94 trans-1,4-Dichloro-2-butene	53	12.713	12.708	(0.923)	19464	15.0358	15
95 n-Propylbenzene	91	12.768	12.763	(0.927)	280984	18.4596	18
96 2-Chlorotoluene	91	12.896	12.896	(0.936)	182331	19.2604	19
97 1,3,5-Trimethylbenzene	105	12.932	12.933	(0.939)	161701	15.9117	16
98 4-Chlorotoluene	91	13.001	13.006	(0.944)	248796	19.5594	20
99 Butyl Methacrylate	87	12.975	12.970	(0.942)	140106	18.1972	18
100 tert-Butylbenzene	119	13.293	13.296	(0.965)	195598	18.8742	19
101 1,2,4-Trimethylbenzene	105	13.345	13.342	(0.969)	187979	17.1531	17
102 2-Octanone	43	13.398	13.397	(0.973)	167780	20.7587	21
103 sec-Butylbenzene	105	13.526	13.532	(0.982)	246209	17.9423	18
104 2-Octanol	45	13.435	13.434	(0.975)	93270	25.6494	26(R)
105 1,3-Dichlorobenzene	146	13.699	13.696	(0.995)	137384	17.3486	17
107 p-Isopropyltoluene	119	13.672	13.670	(0.993)	186400	17.1139	17
* 108 1,4-Dichlorobenzene-d4	152	13.772	13.767	(1.000)	239569	50.0000	
109 1,4-Dichlorobenzene	146	13.800	13.795	(1.002)	168671	17.6440	18
110 Benzyl Chloride	91	13.937	13.942	(1.012)	92004	12.4045	12(R)
106 n-Butylbenzene	91	14.137	14.133	(1.026)	166350	17.5354	18
111 1,2-Dichlorobenzene	146	14.244	14.243	(1.034)	137273	17.8075	18
112 1,2-Dibromo-3-chloropropane	75	15.229	15.217	(1.106)	21294	17.6066	18
113 Camphor	95	16.267	16.272	(1.181)	59873	116.345	120(R)
114 1,2,4-Trichlorobenzene	180	16.404	16.407	(1.191)	59057	14.7378	15
115 Hexachlorobutadiene	225	16.613	16.609	(1.206)	43610	14.4482	14
116 Naphthalene	128	16.850	16.854	(1.223)	97519	14.4726	14
117 1,2,3-Trichlorobenzene	180	17.276	17.276	(1.254)	42912	13.0390	13(R)
M 120 1,2-Dichloroethene (Total)	100				194661	38.0864	38
M 121 Xylene (Total)	100				301016	55.7921	56

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05435.d
Report Date: 11-Nov-2011 06:03

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: j05435.d

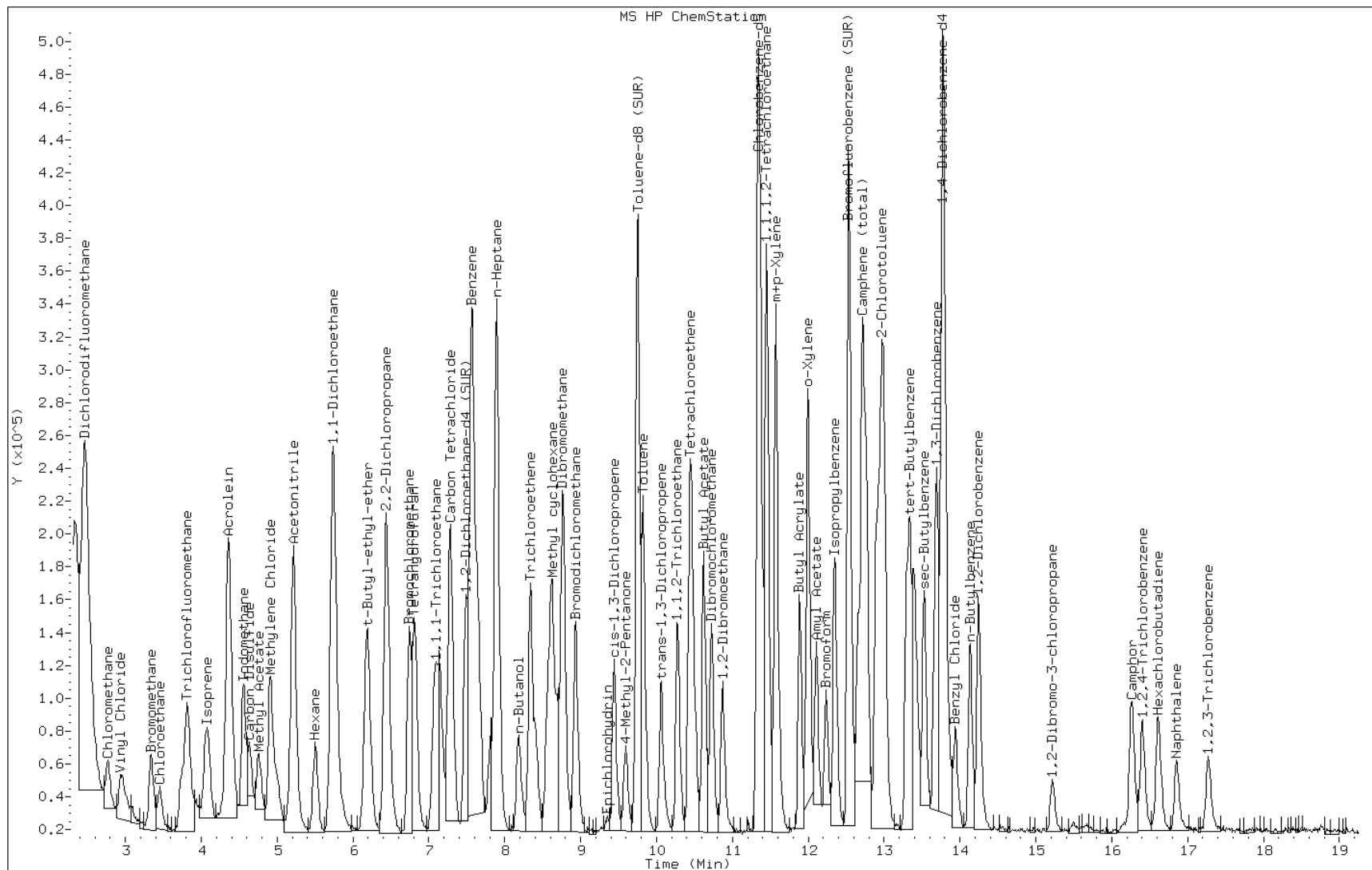
Date: 11-NOV-2011 06:07

Client ID: GW-17338-110211-MW2

Instrument: VOAMS8.i

Sample Info: 460-33168-A-1 MS

Operator:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD

Matrix: Water Lab File ID: j05436.d

Analysis Method: 8260B Date Collected: 11/02/2011 10:00

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 06:33

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
71-55-6	1,1,1-Trichloroethane	20.4		1.0	0.25
75-71-8	Dichlorodifluoromethane	18.9		1.0	0.29
74-87-3	Chloromethane	22.4		1.0	0.21
75-01-4	Vinyl chloride	19.2		1.0	0.13
74-83-9	Bromomethane	19.4		1.0	0.31
96-12-8	1,2-Dibromo-3-Chloropropane	17.9		1.0	0.15
95-50-1	1,2-Dichlorobenzene	18.4		1.0	0.16
75-69-4	Trichlorofluoromethane	20.5		1.0	0.16
75-35-4	1,1-Dichloroethene	20.1		1.0	0.14
78-87-5	1,2-Dichloropropane	19.8		1.0	0.090
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	25.9		1.0	0.28
67-64-1	Acetone	23.6		10	2.5
75-15-0	Carbon disulfide	16.3		1.0	0.15
79-20-9	Methyl acetate	21.5		2.0	0.33
75-09-2	Methylene Chloride	20.3		1.0	0.19
156-60-5	trans-1,2-Dichloroethene	19.3		1.0	0.14
124-48-1	Chlorodibromomethane	15.8		1.0	0.11
1634-04-4	Methyl tert-butyl ether	19.6		1.0	0.18
75-00-3	Chloroethane	20.5		1.0	0.45
75-34-3	1,1-Dichloroethane	21.4		1.0	0.10
156-59-2	cis-1,2-Dichloroethene	19.7		1.0	0.20
78-93-3	2-Butanone (MEK)	18.7		10	0.82
67-66-3	Chloroform	21.1		1.0	0.15
100-41-4	Ethylbenzene	19.5		1.0	0.25
110-82-7	Cyclohexane	26.7		1.0	0.13
56-23-5	Carbon tetrachloride	20.0		1.0	0.19
71-43-2	Benzene	19.4		1.0	0.13
107-06-2	1,2-Dichloroethane	21.3		1.0	0.24
79-01-6	Trichloroethene	21.1		1.0	0.18
108-87-2	Methylcyclohexane	24.0		1.0	0.090
75-27-4	Dichlorobromomethane	19.1		1.0	0.093
10061-01-5	cis-1,3-Dichloropropene	15.8		1.0	0.11
108-10-1	4-Methyl-2-pentanone (MIBK)	19.1		10	0.68
108-88-3	Toluene	19.5		1.0	0.090
10061-02-6	trans-1,3-Dichloropropene	15.7		1.0	0.12
79-00-5	1,1,2-Trichloroethane	18.9		1.0	0.10

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD

Matrix: Water Lab File ID: j05436.d

Analysis Method: 8260B Date Collected: 11/02/2011 10:00

Sample wt/vol: 5(mL) Date Analyzed: 11/11/2011 06:33

Soil Aliquot Vol: _____ Dilution Factor: 1

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

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

Analysis Batch No.: 92617 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	20.9		1.0	0.20
591-78-6	2-Hexanone	20.6		10	0.55
106-93-4	1,2-Dibromoethane	18.6		1.0	0.090
108-90-7	Chlorobenzene	20.7		1.0	0.16
1330-20-7	Xylenes, Total	57.6		3.0	0.43
100-42-5	Styrene	13.7		1.0	0.13
75-25-2	Bromoform	15.4		1.0	0.10
98-82-8	Isopropylbenzene	20.7		1.0	0.21
79-34-5	1,1,2,2-Tetrachloroethane	17.7		1.0	0.090
541-73-1	1,3-Dichlorobenzene	18.0		1.0	0.22
106-46-7	1,4-Dichlorobenzene	18.0		1.0	0.15
120-82-1	1,2,4-Trichlorobenzene	18.1		1.0	0.44

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-122
460-00-4	4-Bromofluorobenzene	96		69-135
2037-26-5	Toluene-d8 (Surr)	99		69-125

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05436.d
 Report Date: 11-Nov-2011 06:03

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05436.d
 Lab Smp Id: 460-33168-A-1 MSD Client Smp ID: GW-17338-110211-MW2
 Inj Date : 11-NOV-2011 06:33
 Operator : Inst ID: VOAMS8.i
 Smp Info : 460-33168-A-1 MSD
 Misc Info : 460-33168-A-1 MSD
 Comment :
 Method : /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/8260DE_09.m
 Meth Date : 10-Nov-2011 23:30 eddie Quant Type: ISTD
 Cal Date : 10-NOV-2011 20:37 Cal File: j05415.d
 Als bottle: 23 QC Sample: MSD
 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						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE		ON-COLUMN	FINAL
=====	=====	==	=====	=====	=====		(ug/L)	(ug/L)
2 Dichlorodifluoromethane	85	2.604	2.584	(0.330)	117667		18.9433	19
3 Chloromethane	50	2.768	2.767	(0.351)	72186		22.3768	22
4 Vinyl Chloride	62	2.940	2.949	(0.373)	74608		19.1533	19
6 Bromomethane	94	3.331	3.331	(0.422)	73083		19.3981	19
5 Chloroethane	64	3.440	3.440	(0.436)	47106		20.5478	20
7 Trichlorofluoromethane	101	3.737	3.758	(0.474)	167454		20.5155	20
8 n-Pentane	72	3.810	3.813	(0.483)	10590		29.4210	29
9 Ethanol	46	3.945	3.948	(0.500)	8019		1084.52	1100(R)
10 Isoprene	67	4.091	4.094	(0.519)	37196		12.4583	12(R)
11 Ethyl Ether	59	4.045	4.040	(0.513)	55691		21.3288	21
13 Acrolein	56	4.228	4.231	(0.536)	15749		42.2013	42
15 1,1-Dichloroethene	96	4.338	4.340	(0.550)	75553		20.0746	20
14 Freon TF	101	4.356	4.358	(0.552)	155798		25.9400	26
16 Acetone	58	4.393	4.395	(0.557)	5580		23.6398	24
17 Iodomethane	142	4.547	4.550	(0.577)	235246		21.5789	22
18 Carbon Disulfide	76	4.629	4.641	(0.587)	162276		16.2822	16

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05436.d
Report Date: 11-Nov-2011 06:03

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
21 Acetonitrile	39	5.202	5.197	(0.660)	17576	465.918	460
27 Methyl Acetate	74	4.757	4.760	(0.603)	15732	21.4673	21
22 Methylene Chloride	84	4.912	4.897	(0.623)	89713	20.3214	20
24 TBA	59	4.995	4.988	(0.633)	89792	431.331	430
25 trans-1,2-Dichloroethene	96	5.221	5.223	(0.662)	88406	19.2830	19
26 Acrylonitrile	53	5.193	5.197	(0.658)	16979	21.9110	22
28 MTBE	73	5.184	5.188	(0.657)	197813	19.5629	20
29 Hexane	56	5.491	5.497	(0.696)	34680	23.1336	23
30 1,1-Dichloroethane	63	5.719	5.724	(0.725)	175745	21.4260	21
31 Vinyl Acetate	43	5.727	5.733	(0.726)	211041	17.5141	18
32 DIPE	45	5.736	5.733	(0.727)	347960	20.1550	20
35 t-Butyl-ethyl-ether	59	6.182	6.180	(0.784)	290247	20.7609	21
37 2,2-Dichloropropane	77	6.437	6.443	(0.816)	106341	17.0918	17
36 cis-1,2-Dichloroethene	96	6.428	6.425	(0.815)	96863	19.6623	20
38 2-Butanone	72	6.419	6.434	(0.814)	6207	18.6875	19
39 Ethyl Acetate	70	6.455	6.461	(0.819)	16414	37.2672	37
40 Bromochloromethane	128	6.729	6.742	(0.853)	71427	21.1437	21
41 Tetrahydrofuran	42	6.784	6.787	(0.860)	18461	20.5772	20
42 Chloroform	83	6.812	6.814	(0.864)	186150	21.0504	21
43 1,1,1-Trichloroethane	97	7.075	7.070	(0.897)	148577	20.4363	20
44 Cyclohexane	56	7.149	7.142	(0.906)	109837	26.6876	27(R)
45 Carbon Tetrachloride	117	7.276	7.297	(0.923)	132501	20.0411	20
46 1,1-Dichloropropene	75	7.276	7.279	(0.923)	125068	20.8648	21
\$ 47 1,2-Dichloroethane-d4 (SUR)	65	7.477	7.487	(0.948)	195015	54.4434	54
48 Benzene	78	7.558	7.560	(0.667)	252780	19.4447	19
49 1,2-Dichloroethane	62	7.576	7.569	(0.961)	110576	21.3480	21
51 n-Heptane	57	7.796	7.806	(0.988)	24924	18.2177	18
50 t-Amyl-methyl-ether	73	7.640	7.642	(0.969)	236961	20.2977	20
* 52 Fluorobenzene	96	7.886	7.889	(1.000)	609807	50.0000	
54 Trichloroethene	95	8.333	8.334	(1.057)	109471	21.0777	21
53 n-Butanol	43	8.168	8.178	(1.036)	50839	1815.62	1800
56 Methyl cyclohexane	83	8.570	8.571	(1.087)	78103	24.0247	24
55 Ethyl Acrylate	55	8.405	8.407	(1.066)	102748	19.7608	20
57 1,2-Dichloropropane	63	8.615	8.625	(1.092)	106007	19.7868	20
58 Dibromomethane	93	8.768	8.771	(1.112)	93377	19.4409	19
60 1,4-Dioxane	88	8.777	8.771	(1.113)	4909	188.155	190(a)
59 Methyl Methacrylate	100	8.695	8.689	(1.103)	22780	19.2844	19
75 Propyl Acetate	43	8.750	8.753	(1.109)	212367	32.6331	33
68 Bromodichloromethane	83	8.933	8.926	(1.133)	169497	19.1080	19
63 Epichlorohydrin	57	9.342	9.345	(0.824)	20676	61.2972	61(R)
67 cis-1,3-Dichloropropene	75	9.433	9.437	(0.832)	124955	15.8047	16(R)
70 4-Methyl-2-Pentanone	43	9.598	9.592	(0.847)	83528	19.1315	19
\$ 65 Toluene-d8 (SUR)	98	9.744	9.745	(0.860)	471417	49.2608	49
66 Toluene	91	9.817	9.825	(0.866)	250615	19.5361	20
64 trans-1,3-Dichloropropene	75	10.054	10.051	(0.887)	102220	15.7476	16
69 1,1,2-Trichloroethane	83	10.278	10.280	(0.907)	75428	18.9449	19
71 Tetrachloroethene	166	10.434	10.435	(0.921)	115137	20.8858	21

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05436.d
Report Date: 11-Nov-2011 06:03

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/L)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
72 1,3-Dichloropropane	76	10.461	10.461	(0.923)	136427	18.7120	19
73 2-Hexanone	43	10.516	10.516	(0.928)	52100	20.6141	21
74 Dibromochloromethane	129	10.725	10.726	(0.946)	130036	15.8036	16(R)
76 Butyl Acetate	73	10.616	10.625	(0.937)	44491	30.7562	31
77 1,2-Dibromoethane	107	10.870	10.863	(0.959)	126312	18.5970	18
* 78 Chlorobenzene-d5	117	11.334	11.332	(1.000)	454275	50.0000	
79 Chlorobenzene	112	11.362	11.369	(1.002)	197082	20.7304	21
80 1,1,1,2-Tetrachloroethane	131	11.440	11.451	(1.009)	108747	19.7232	20
81 Ethylbenzene	106	11.449	11.460	(1.010)	72319	19.4549	19
82 m+p-Xylene	106	11.568	11.570	(1.021)	192706	38.4504	38
84 o-Xylene	106	11.989	11.996	(1.058)	92783	19.1810	19
85 Styrene	104	11.998	11.996	(1.059)	124191	13.7384	14(R)
83 Butyl Acrylate	73	11.879	11.886	(1.048)	79280	20.4266	20
86 Bromoform	173	12.224	12.232	(1.079)	80655	15.3724	15
87 Amyl Acetate	43	12.107	12.113	(0.879)	144009	23.7548	24
88 Isopropylbenzene	105	12.343	12.351	(1.089)	245355	20.6898	21
\$ 89 Bromofluorobenzene (SUR)	174	12.526	12.534	(0.910)	233554	48.0598	48
90 Camphene (total)	41	12.625	12.644	(1.114)	4419	4.68533	4.7(R)
91 Bromobenzene	156	12.717	12.717	(0.923)	98877	18.1294	18
92 1,1,2,2-Tetrachloroethane	83	12.662	12.662	(0.919)	125397	17.7428	18
93 1,2,3-Trichloropropane	110	12.726	12.726	(0.924)	30141	17.9238	18
94 trans-1,4-Dichloro-2-butene	53	12.717	12.708	(0.923)	17453	14.2043	14
95 n-Propylbenzene	91	12.763	12.763	(0.927)	267790	18.5352	18
96 2-Chlorotoluene	91	12.889	12.896	(0.936)	180734	20.1143	20
97 1,3,5-Trimethylbenzene	105	12.925	12.933	(0.939)	151874	15.7452	16
98 4-Chlorotoluene	91	12.999	13.006	(0.944)	237419	19.6647	20
99 Butyl Methacrylate	87	12.962	12.970	(0.941)	132582	18.1423	18
100 tert-Butylbenzene	119	13.296	13.296	(0.966)	184423	18.7491	19
101 1,2,4-Trimethylbenzene	105	13.342	13.342	(0.969)	177607	17.0748	17
102 2-Octanone	43	13.388	13.397	(0.972)	166252	21.6714	22
103 sec-Butylbenzene	105	13.525	13.532	(0.982)	235457	18.0778	18
104 2-Octanol	45	13.434	13.434	(0.975)	103597	30.0152	30(R)
105 1,3-Dichlorobenzene	146	13.698	13.696	(0.995)	135379	18.0111	18
107 p-Isopropyltoluene	119	13.661	13.670	(0.992)	178648	17.2807	17
* 108 1,4-Dichlorobenzene-d4	152	13.771	13.767	(1.000)	227389	50.0000	
109 1,4-Dichlorobenzene	146	13.790	13.795	(1.001)	163316	17.9989	18
110 Benzyl Chloride	91	13.935	13.942	(1.012)	88031	12.5045	12(R)
106 n-Butylbenzene	91	14.135	14.133	(1.026)	162093	18.0019	18
111 1,2-Dichlorobenzene	146	14.244	14.243	(1.034)	134908	18.4380	18
112 1,2-Dibromo-3-chloropropane	75	15.212	15.217	(1.105)	20596	17.9421	18
113 Camphor	95	16.258	16.272	(1.181)	63185	129.357	130(R)
114 1,2,4-Trichlorobenzene	180	16.414	16.407	(1.192)	68707	18.0643	18
115 Hexachlorobutadiene	225	16.614	16.609	(1.206)	49837	17.3955	17
116 Naphthalene	128	16.850	16.854	(1.224)	124232	19.4247	19
117 1,2,3-Trichlorobenzene	180	17.262	17.276	(1.253)	60587	19.3954	19
M 120 1,2-Dichloroethene (Total)	100				185269	38.9589	39
M 121 Xylene (Total)	100				285489	57.6314	58

Data File: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b/j05436.d
Report Date: 11-Nov-2011 06:03

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Data File: j05436.d

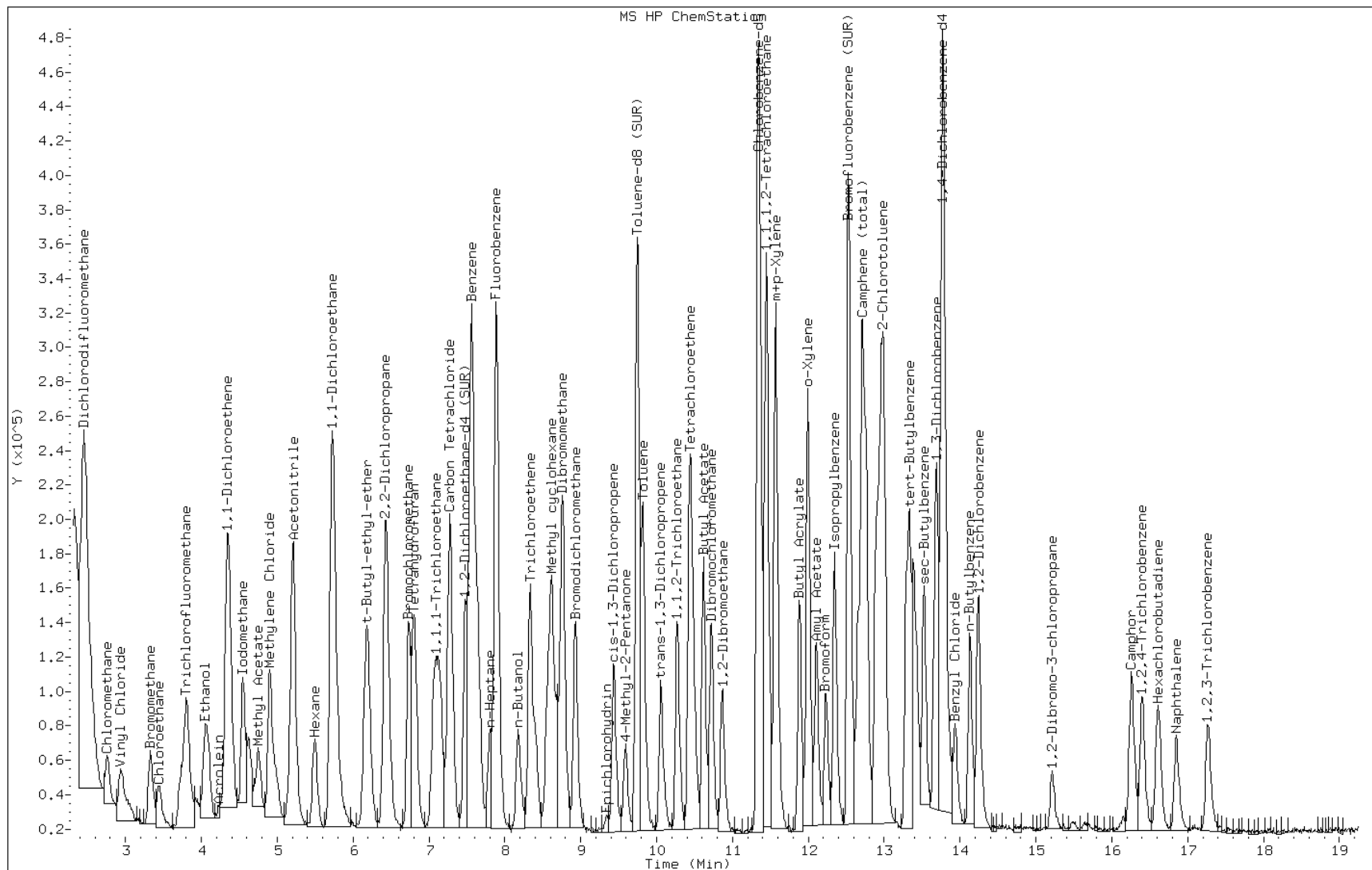
Date: 11-NOV-2011 06:33

Client ID: GW-17338-110211-MW2

Instrument: VOAMS8.i

Sample Info: 460-33168-A-1 MSD

Operator:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 10/12/2011 01:08Analysis Batch Number: 89267 End Date: 10/12/2011 10:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-89267/1		10/12/2011 01:08	1	j04488.d	DB-624 0.53 (mm)
IC 460-89267/2		10/12/2011 01:51	1	j04490.d	DB-624 0.53 (mm)
IC 460-89267/3		10/12/2011 02:17	1	j04491.d	DB-624 0.53 (mm)
ICIS 460-89267/4		10/12/2011 02:42	1	j04492.d	DB-624 0.53 (mm)
IC 460-89267/5		10/12/2011 03:07	1	j04493.d	DB-624 0.53 (mm)
IC 460-89267/6		10/12/2011 03:32	1	j04494.d	DB-624 0.53 (mm)
IC 460-89267/7		10/12/2011 03:56	1	j04495.d	DB-624 0.53 (mm)
ZZZZZ		10/12/2011 06:02	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 06:52	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 07:20	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 07:45	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 08:10	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 08:35	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:00	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:25	1		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 09:50	10		DB-624 0.53 (mm)
ZZZZZ		10/12/2011 10:15	10		DB-624 0.53 (mm)
CCV 460-89267/18		10/12/2011 10:40	1		DB-624 0.53 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: VOAMS8 Start Date: 11/10/2011 19:44Analysis Batch Number: 92617 End Date: 11/11/2011 08:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-92617/1		11/10/2011 19:44	1	j05413.d	DB-624 0.53 (mm)
CCVIS 460-92617/2		11/10/2011 20:37	1	j05415.d	DB-624 0.53 (mm)
LCS 460-92617/3		11/10/2011 22:03	1	j05417.d	DB-624 0.53 (mm)
MB 460-92617/4		11/10/2011 23:07	1	j05419.d	DB-624 0.53 (mm)
460-33168-2	FB-17338-110211-13	11/11/2011 00:01	1	j05421.d	DB-624 0.53 (mm)
ZZZZZ		11/11/2011 00:26	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 00:51	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 01:16	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 01:41	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 02:06	1		DB-624 0.53 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/11/2011 02:31	1	j05427.d	DB-624 0.53 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/11/2011 02:56	1	j05428.d	DB-624 0.53 (mm)
460-33168-4	GW-17338-110211-MW32-15	11/11/2011 03:21	1	j05429.d	DB-624 0.53 (mm)
ZZZZZ		11/11/2011 03:46	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 04:14	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 04:43	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 05:11	1		DB-624 0.53 (mm)
ZZZZZ		11/11/2011 05:40	1		DB-624 0.53 (mm)
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/11/2011 06:07	1	j05435.d	DB-624 0.53 (mm)
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	11/11/2011 06:33	1	j05436.d	DB-624 0.53 (mm)
ZZZZZ		11/11/2011 07:23	1		DB-624 0.53 (mm)
CCV 460-92617/21		11/11/2011 08:38	1	j05441.d	DB-624 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i
Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b

Date Generated: 10/12/2011
Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/	FV	Dil	Sublist	PH	STD	COMMENTS
10/12/11 0108	j04488.d	2	BFB		0	0	1			8260 HIGH	C
10/12/11 0126	j04489.d	1	IC-VMCAL1		5	10	1			8260 IS SURR 500: 1199132	(N.U.)
10/12/11 0151	j04490.d	2	IC-VMCAL1		5	10	1			SURR 250: 1105734 GAS 500: 11977307	C
10/12/11 0217	j04491.d	3	IC-VMCAL2		5	10	1			MIX 500: 1183783	C
10/12/11 0242	j04492.d	4	ICIS-VMCAL3		5	10	1			MIX 500: 1183804	C
10/12/11 0307	j04493.d	5	IC-VMCAL4		5	10	1			1183792	C
10/12/11 0332	j04494.d	6	IC-VMCAL5		5	10	1			1183791	C
10/12/11 0356	j04495.d	7	IC-VMCAL6		5	10	1			1183793	C
10/12/11 0421	j04496.d	8	BLK		5	0	1			1183796	NA 90
10/12/11 0446	j04497.d	9	BLK		5	0	1			1183802	NA
10/12/11 0511	j04498.d	10	BLK		5	0	1			MICH 51145	NA
10/12/11 0537	j04499.d	11	ICV		5	0	1			1183794	C
10/12/11 0602	j04500.d	12	ICV		5	0	1				C
10/12/11 0627	j04501.d	13	MB		5	0	1				NA 90

89267
89164
MICH 10/12/11

10X → 5ml → 50ml FV.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/12oct11.b

Date Generated: 10/12/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
10/12/11	0652 j04502.d	14	MB		5	0	1	all	-		6
10/12/11	0720 j04503.d	15	460-31992-A-7	Trip Blank	5	0	1	all	42		6
10/12/11	0745 j04504.d	16	460-32076-A-1	SMW-74	5	0	1	all	42		6
10/12/11	0810 j04505.d	17	460-31992-A-1	MM-13	5	0	1	all	42		6
10/12/11	0835 j04506.d	18	460-31992-A-2	MM-17	5	0	1	all	42		6
10/12/11	0900 j04507.d	19	460-31992-A-3	MM-20	5	0	1	all	42		6
10/12/11	0925 j04508.d	20	460-31992-A-4	MM-24	5	0	1	all	42		6
10/12/11	0950 j04509.d	21	460-32076-A-1 MS		5	0	10	all	42		6
10/12/11	1015 j04510.d	22	460-32076-A-1 MSD		5	0	10	all	42		6
10/12/11	1040 j04511.d	23	CCV		5	0	1	all	-		6

Signed: Hudson & Ken B. Read and Understood by: A. J. J. J. J.

Date: 10/12/11.

Date: 10/12/11.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b

Date Generated: 11/11/2011

Page 1

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/10/11 1944	j05413.d	2	BFB		0	0	1	all			
11/10/11 2012	j05414.d	1	CCVIS		5	10	1	all		8260 HIGH	
11/10/11 2037	j05415.d	2	CCVIS		5	10	1	all		8260 LS: 1194132	
11/10/11 2138	j05416.d	3	LCS		5	10	1	all		SURR 250: 1165734	
11/10/11 2203	j05417.d	4	LCS		5	10	1	all		8260 LS: 1223483	
11/10/11 2239	j05418.d	5	MB		5	0	1	all		MIX 1 500: 1234583	
11/10/11 2307	j05419.d	6	MB		5	0	1	all		MIX 2 500: 1234586	
11/10/11 2336	j05420.d	7	460-33104-A-10	TB-17338-110111-11	5	0	1	all		8260 SF: 1234584	
11/11/11 0001	j05421.d	8	460-33168-A-2	FB-17338-110211-13	5	0	1	all		8260 SF: 1234588	
11/11/11 0026	j05422.d	9	460-33104-A-1	GW-17338-103111-MM2	5	0	1	all		MISC: 1234590	
11/11/11 0051	j05423.d	10	460-33104-A-2	GW-17338-103111-MM2	5	0	1	all		1234593	
11/11/11 0116	j05424.d	11	460-33104-A-3	GW-17338-103111-MM2	5	0	1	all		Misc 51145	
11/11/11 0141	j05425.d	12	460-33104-A-5	GW-17338-110111-MM3	5	0	1	all			
11/11/11 0206	j05426.d	13	460-33104-A-8	GW-17338-110111-MM2	5	0	1	all			

92617

2X → 25ml → 50ml FV.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i
Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b

Date Generated: 11/11/2011
Page 2

Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/11/11 0231	j05427.d	14	460-33168-A-1	GW-17338-110211-MW2	5	0	1	all	12		C
11/11/11 0256	j05428.d	15	460-33168-A-3	GW-17338-110211-MW1	5	0	1	all	12		C
11/11/11 0321	j05429.d	16	460-33168-A-4	GW-17338-110211-MW3	5	0	1	all	12		C
11/11/11 0346	j05430.d	17	460-33425-A-5	TB-17338-110711-20	5	0	1	all	12		C
11/11/11 0414	j05431.d	18	460-33425-A-3	GW-17338-110711-MW1	5	0	1	all	7.0		C
11/11/11 0443	j05432.d	19	460-33104-A-7	GW-17338-110111-DUP	5	0	1	all	12		C
11/11/11 0511	j05433.d	20	460-33104-A-6	GW-17338-110111-MW2	5	0	1	all	7.0		C
11/11/11 0540	j05434.d	21	460-33104-A-4	GW-17338-110111-MW3	5	0	1	all	12		C
11/11/11 0607	j05435.d	22	460-33168-A-1 MS	GW-17338-110211-MW2	5	0	1	all	12		C
11/11/11 0633	j05436.d	23	460-33168-A-1 MSD	GW-17338-110211-MW2	5	0	1	all	12		C
11/11/11 0658	j05437.d	1	BLANK		5	0	1	all	-		(NAU)
11/11/11 0723	j05438.d	2	460-33104-B-10	TB-17338-110111-11	5	0	1	all	12		C
11/11/11 0748	j05439.d	3	460-33425-C-3	GW-17338-110711-MW1	5	0	2	all	12		Pastelock. RE ZX
11/11/11 0813	j05440.d	4	CCV		5	0	1	all	-		NA.

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: VOAMS8.i

Analytical Batch: /chem/VOAMS8.i/8260_09/10-12-11DE/10nov11a.b

Date Generated: 11/11/2011

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Date	Data File	ALS	Sample ID	Client ID	IV/ IW	FV	Dil Fac	Sublist	PH	STD LOT	COMMENTS
11/11/11 0838	j05441.d	5	CCV		5	0	1	all	-		G

Signed: Hudson for Eddie Read and Understood by: A. Thompson

Date: 11/11/11 Date: 11/11/11

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.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low
 GC Column (1): Rtx-5MS ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
GW-17338-110211-MW 28-12	460-33168-1	50	28	85	80	83	81
FB-17338-110211-13	460-33168-2	63	47	88	80	79	90
GW-17338-110211-MW 105-14	460-33168-3	47	28	86	75	82	81
	MB 460-91853/1-A	53	33	93	82	97	100
	LCS 460-91853/2-A	46	28	82	80	92	82
GW-17338-110211-MW 28-12 MS	460-33168-1 MS	50	32	84	84	91	81
GW-17338-110211-MW 28-12 MSD	460-33168-1 MSD	55	33	87	89	99	85

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

Column to be used to flag recovery values

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: x19552.d
 Lab ID: LCS 460-91853/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1'-Biphenyl	100	79.8	80	66-112	
Phenol	100	29.2	29	12-44	
2,4,6-Trichlorophenol	100	84.5	84	67-111	
Bis(2-chloroethyl)ether	100	79.2	79	62-108	
2,4-Dichlorophenol	100	87.4	87	64-107	
2-Chlorophenol	100	83.2	83	53-101	
2,4-Dinitrotoluene	100	84.9	85	65-113	
2,2'-oxybis[1-chloropropane]	100	80.2	80	68-107	
Acetophenone	100	86.4	86	68-109	
2-Methylnaphthalene	100	77.8	78	66-102	
4-Methylphenol	100	57.4	57	30-75	
2-Methylphenol	100	68.1	68	40-90	
2-Nitroaniline	100	82.7	83	73-116	
Hexachloroethane	100	70.5	71	50-99	
Nitrobenzene	100	75.2	75	66-106	
4-Chloro-3-methylphenol	100	86.6	87	57-106	
Isophorone	100	79.1	79	68-108	
2-Nitrophenol	100	81.3	81	65-107	
4-Chlorophenyl phenyl ether	100	81.5	82	68-105	
2,4-Dimethylphenol	100	75.1	75	55-100	
4-Nitroaniline	100	116	116	49-119	
4-Nitrophenol	100	26.4 J	26	10-44	
Bis(2-chloroethoxy)methane	100	81.4	81	69-108	
Atrazine	100	75.5	75	56-116	
Naphthalene	100	74.4	74	63-101	
Benzaldehyde	100	154	154	52-150	*
4-Chloroaniline	100	88.4	88	58-105	
Benzo[a]pyrene	100	78.2	78	58-101	
Hexachlorobutadiene	100	69.1	69	52-99	
Benzo[k]fluoranthene	100	87.0	87	66-114	
Caprolactam	100	20.4	20	10-30	
Carbazole	100	90.3	90	67-110	
Hexachlorocyclopentadiene	100	47.7	48	40-105	
Dibenz(a,h)anthracene	100	90.0	90	67-124	
2,4,5-Trichlorophenol	100	88.4	88	67-114	
Dimethyl phthalate	100	82.9	83	69-111	
2-Chloronaphthalene	100	77.7	78	65-107	
Fluoranthene	100	87.7	88	68-108	
Fluorene	100	81.2	81	68-105	
2,6-Dinitrotoluene	100	81.6	82	68-114	
Acenaphthylene	100	77.5	78	67-107	
3-Nitroaniline	100	106	106	59-108	

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.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: x19552.d
 Lab ID: LCS 460-91853/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	100	83.4	83	70-109	
Acenaphthene	100	77.5	78	66-108	
2,4-Dinitrophenol	100	75.5	76	19-113	
Dibenzofuran	100	79.8	80	68-105	
Diethyl phthalate	100	87.3	87	66-109	
4,6-Dinitro-2-methylphenol	100	84.1	84	58-115	
N-Nitrosodiphenylamine	100	93.8	94	71-121	
4-Bromophenyl phenyl ether	100	81.5	82	66-110	
Hexachlorobenzene	100	81.3	81	65-107	
Pentachlorophenol	100	78.2	78	55-116	
Phenanthrene	100	84.9	85	68-110	
Anthracene	100	81.0	81	68-108	
Di-n-butyl phthalate	100	87.5	88	68-111	
Pyrene	100	78.5	79	61-110	
Butyl benzyl phthalate	100	80.8	81	66-115	
3,3'-Dichlorobenzidine	100	88.8	89	69-129	
Benzo[a]anthracene	100	80.3	80	65-106	
Chrysene	100	82.1	82	68-112	
Bis(2-ethylhexyl) phthalate	100	81.4	81	66-114	
Di-n-octyl phthalate	100	79.6	80	51-115	
Benzo[b]fluoranthene	100	78.2	78	65-111	
Indeno[1,2,3-cd]pyrene	100	80.3	80	68-121	
Benzo[g,h,i]perylene	100	83.4	83	65-134	

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.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: x19554.d
Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
1,1'-Biphenyl	101	10 U	87.5	87	66-112	
Phenol	101	10 U	34.9	35	12-44	
2,4,6-Trichlorophenol	101	10 U	89.6	89	67-111	
Bis(2-chloroethyl)ether	101	1.0 U	84.0	83	62-108	
2,4-Dichlorophenol	101	10 U	91.2	90	64-107	
2-Chlorophenol	101	10 U	89.1	88	53-101	
2,4-Dinitrotoluene	101	2.0 U	91.7	91	65-113	
2,2'-oxybis[1-chloropropane]	101	10 U	85.1	84	68-107	
Acetophenone	101	10 U	90.0	89	68-109	
2-Methylnaphthalene	101	10 U	83.2	82	66-102	
4-Methylphenol	101	10 U	63.7	63	30-75	
2-Methylphenol	101	10 U	75.0	74	40-90	
2-Nitroaniline	101	20 U	85.2	84	73-116	
Hexachloroethane	101	1.0 U	77.6	77	50-99	
Nitrobenzene	101	1.0 U	80.6	80	66-106	
4-Chloro-3-methylphenol	101	10 U	88.0	87	57-106	
Isophorone	101	10 U	83.9	83	68-108	
2-Nitrophenol	101	10 U	87.6	87	65-107	
4-Chlorophenyl phenyl ether	101	10 U	88.3	87	68-105	
2,4-Dimethylphenol	101	10 U	84.5	84	55-100	
4-Nitroaniline	101	20 U	112	111	49-119	
4-Nitrophenol	101	30 U	27.8 J	27	10-44	
Bis(2-chloroethoxy)methane	101	10 U	87.3	86	69-108	
Atrazine	101	10 U	68.6	68	56-116	
Naphthalene	101	10 U	82.8	82	63-101	
Benzaldehyde	101	10 U	153	151	52-150	F
4-Chloroaniline	101	10 U	79.9	79	58-105	
Benzo[a]pyrene	101	1.0 U	86.7	86	58-101	
Hexachlorobutadiene	101	2.0 U	77.9	77	52-99	
Benzo[k]fluoranthene	101	1.0 U	90.9	90	66-114	
Caprolactam	101	10 U	21.3	21	10-30	
Carbazole	101	10 U	94.0	93	67-110	
Hexachlorocyclopentadiene	101	10 U	57.7	57	40-105	
Dibenz(a,h)anthracene	101	1.0 U	99.9	99	67-124	
2,4,5-Trichlorophenol	101	10 U	85.3	84	67-114	
Dimethyl phthalate	101	10 U	87.0	86	69-111	
2-Chloronaphthalene	101	10 U	85.5	85	65-107	
Fluoranthene	101	10 U	99.1	98	68-108	
Fluorene	101	10 U	87.4	86	68-105	
2,6-Dinitrotoluene	101	2.0 U	87.5	87	68-114	
Acenaphthylene	101	10 U	82.5	82	67-107	
3-Nitroaniline	101	20 U	97.5	97	59-108	

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.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: x19554.d
 Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
N-Nitrosodi-n-propylamine	101	1.0 U	86.6	86	70-109	
Acenaphthene	101	10 U	84.9	84	66-108	
2,4-Dinitrophenol	101	30 U	92.6	92	19-113	
Dibenzofuran	101	10 U	86.3	85	68-105	
Diethyl phthalate	101	10 U	91.7	91	66-109	
4,6-Dinitro-2-methylphenol	101	30 U	98.5	98	58-115	
N-Nitrosodiphenylamine	101	10 U	99.8	99	71-121	
4-Bromophenyl phenyl ether	101	10 U	88.4	88	66-110	
Hexachlorobenzene	101	1.0 U	89.1	88	65-107	
Pentachlorophenol	101	30 U	98.7	98	55-116	
Phenanthrene	101	10 U	91.5	91	68-110	
Anthracene	101	10 U	87.9	87	68-108	
Di-n-butyl phthalate	101	10 U	97.5	96	68-111	
Pyrene	101	10 U	83.3	82	61-110	
Butyl benzyl phthalate	101	10 U	87.4	87	66-115	
3,3'-Dichlorobenzidine	101	20 U	65.0	64	69-129	F
Benzo[a]anthracene	101	1.0 U	89.9	89	65-106	
Chrysene	101	10 U	89.6	89	68-112	
Bis(2-ethylhexyl) phthalate	101	10 U	90.6	90	66-114	
Di-n-octyl phthalate	101	10 U	83.7	83	51-115	
Benzo[b]fluoranthene	101	1.0 U	88.6	88	65-111	
Indeno[1,2,3-cd]pyrene	101	1.0 U	85.1	84	68-121	
Benzo[g,h,i]perylene	101	10 U	92.7	92	65-134	

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.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: x19572.d
Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1'-Biphenyl	116	108	93	21	30	66-112	
Phenol	116	43.5	37	22	30	12-44	
2,4,6-Trichlorophenol	116	113	97	23	30	67-111	
Bis(2-chloroethyl)ether	116	104	90	21	30	62-108	
2,4-Dichlorophenol	116	113	97	21	30	64-107	
2-Chlorophenol	116	109	94	20	30	53-101	
2,4-Dinitrotoluene	116	113	97	21	30	65-113	
2,2'-oxybis[1-chloropropane]	116	102	88	18	30	68-107	
Acetophenone	116	110	94	20	30	68-109	
2-Methylnaphthalene	116	99.5	86	18	30	66-102	
4-Methylphenol	116	78.7	68	21	30	30-75	
2-Methylphenol	116	92.4	79	21	30	40-90	
2-Nitroaniline	116	111	95	26	30	73-116	
Hexachloroethane	116	89.8	77	15	30	50-99	
Nitrobenzene	116	97.7	84	19	30	66-106	
4-Chloro-3-methylphenol	116	107	92	19	30	57-106	
Isophorone	116	102	88	20	30	68-108	
2-Nitrophenol	116	108	93	21	30	65-107	
4-Chlorophenyl phenyl ether	116	108	93	20	30	68-105	
2,4-Dimethylphenol	116	106	91	23	30	55-100	
4-Nitroaniline	116	141	121	23	30	49-119	F
4-Nitrophenol	116	46.3	40	50	30	10-44	F
Bis(2-chloroethoxy)methane	116	107	92	20	30	69-108	
Atrazine	116	82.4	71	18	30	56-116	
Naphthalene	116	98.1	84	17	30	63-101	
Benzaldehyde	116	177	152	15	30	52-150	F
4-Chloroaniline	116	96.8	83	19	30	58-105	
Benzo[a]pyrene	116	108	93	22	30	58-101	
Hexachlorobutadiene	116	90.2	78	15	30	52-99	
Benzo[k]fluoranthene	116	104	89	13	30	66-114	
Caprolactam	116	26.9	23	23	30	10-30	
Carbazole	116	113	97	18	30	67-110	
Hexachlorocyclopentadiene	116	72.3	62	23	30	40-105	
Dibenz(a,h)anthracene	116	109	94	9	30	67-124	
2,4,5-Trichlorophenol	116	117	101	31	30	67-114	F
Dimethyl phthalate	116	113	97	26	30	69-111	
2-Chloronaphthalene	116	103	89	19	30	65-107	
Fluoranthene	116	117	100	16	30	68-108	
Fluorene	116	107	92	20	30	68-105	
2,6-Dinitrotoluene	116	108	93	21	30	68-114	
Acenaphthylene	116	101	87	21	30	67-107	
3-Nitroaniline	116	116	100	17	30	59-108	

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.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: x19572.d
 Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
N-Nitrosodi-n-propylamine	116	107	92	21	30	70-109	
Acenaphthene	116	105	90	21	30	66-108	
2,4-Dinitrophenol	116	131	112	34	30	19-113	F
Dibenzofuran	116	106	91	21	30	68-105	
Diethyl phthalate	116	113	97	21	30	66-109	
4,6-Dinitro-2-methylphenol	116	128	110	26	30	58-115	
N-Nitrosodiphenylamine	116	121	104	19	30	71-121	
4-Bromophenyl phenyl ether	116	108	93	20	30	66-110	
Hexachlorobenzene	116	109	93	20	30	65-107	
Pentachlorophenol	116	123	106	22	30	55-116	
Phenanthrene	116	108	92	16	30	68-110	
Anthracene	116	107	92	20	30	68-108	
Di-n-butyl phthalate	116	116	100	17	30	68-111	
Pyrene	116	102	88	21	30	61-110	
Butyl benzyl phthalate	116	112	97	25	30	66-115	
3,3'-Dichlorobenzidine	116	90.8	78	33	30	69-129	F
Benzo[a]anthracene	116	110	94	20	30	65-106	
Chrysene	116	113	97	23	30	68-112	
Bis(2-ethylhexyl) phthalate	116	116	100	25	30	66-114	
Di-n-octyl phthalate	116	104	90	22	30	51-115	
Benzo[b]fluoranthene	116	108	93	19	30	65-111	
Indeno[1,2,3-cd]pyrene	116	114	98	29	30	68-121	
Benzo[g,h,i]perylene	116	113	97	20	30	65-134	

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.: 460-33168-1
SDG No.: _____
Lab File ID: x19553.d Lab Sample ID: MB 460-91853/1-A
Matrix: Water Date Extracted: 11/04/2011 08:51
Instrument ID: BNAMS5 Date Analyzed: 11/13/2011 04:31
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-91853/2-A	x19552.d	11/13/2011 04:08
GW-17338-110211-MW28-12 MS	460-33168-1 MS	x19554.d	11/13/2011 04:54
GW-17338-110211-MW28-12	460-33168-1	x19556.d	11/13/2011 05:41
GW-17338-110211-MW105-14	460-33168-3	x19558.d	11/13/2011 06:28
GW-17338-110211-MW28-12 MSD	460-33168-1 MSD	x19572.d	11/13/2011 19:04
FB-17338-110211-13	460-33168-2	x19573.d	11/13/2011 19:27

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: x19323.d DFTPP Injection Date: 11/05/2011
Instrument ID: BNAMS5 DFTPP Injection Time: 03:33
Analysis Batch No.: 92547

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	39.4
68	Less than 2.0 % of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	49.9
197	Less than 1.0 % of mass 198	0.8
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	27.4
365	Greater than 1.0 % of mass 198	4.0
441	Present but less than mass 443	16.8
442	Greater than 40.0 % of mass 198	109.7
443	17.0 - 23.0 % of mass 442	21.2 (19.3) 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 460-92547/2	x19324.d	11/05/2011	04:21
	IC 460-92547/3	x19325.d	11/05/2011	05:01
	IC 460-92547/4	x19326.d	11/05/2011	05:24
	IC 460-92547/5	x19327.d	11/05/2011	05:47
	IC 460-92547/6	x19328.d	11/05/2011	06:11

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: x19550.d DFTPP Injection Date: 11/13/2011
Instrument ID: BNAMS5 DFTPP Injection Time: 02:44
Analysis Batch No.: 92827

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	36.9
68	Less than 2.0 % of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0 % of mass 69	0.2 (0.5) 1
127	40.0 - 60.0 % of mass 198	45.9
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	6.6
275	10.0 - 30.0 % of mass 198	25.4
365	Greater than 1.0 % of mass 198	3.2
441	Present but less than mass 443	14.5
442	Greater than 40.0 % of mass 198	93.7
443	17.0 - 23.0 % of mass 442	17.7 (18.9) 2

1-Value is % mass 69

2-Value is % mass 442

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 460-92827/2	x19551.d	11/13/2011	03:05
	LCS 460-91853/2-A	x19552.d	11/13/2011	04:08
	MB 460-91853/1-A	x19553.d	11/13/2011	04:31
GW-17338-110211-MW28-12 MS	460-33168-1 MS	x19554.d	11/13/2011	04:54
GW-17338-110211-MW28-12	460-33168-1	x19556.d	11/13/2011	05:41
GW-17338-110211-MW105-1 4	460-33168-3	x19558.d	11/13/2011	06:28
	CCV 460-92828/1	x19568.d	11/13/2011	10:21

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: x19569.d DFTPP Injection Date: 11/13/2011
Instrument ID: BNAMS5 DFTPP Injection Time: 17:46
Analysis Batch No.: 92952

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	35.8
68	Less than 2.0 % of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	36.6
70	Less than 2.0 % of mass 69	0.2 (0.7) 1
127	40.0 - 60.0 % of mass 198	46.7
197	Less than 1.0 % of mass 198	0.9
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.9
275	10.0 - 30.0 % of mass 198	26.2
365	Greater than 1.0 % of mass 198	3.6
441	Present but less than mass 443	14.9
442	Greater than 40.0 % of mass 198	97.0
443	17.0 - 23.0 % of mass 442	17.3 (17.8) 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 460-92952/2	x19570.d	11/13/2011	18:03
GW-17338-110211-MW28-12 MSD	460-33168-1 MSD	x19572.d	11/13/2011	19:04
FB-17338-110211-13	460-33168-2	x19573.d	11/13/2011	19:27
	CCV 460-92953/1	x19574.d	11/13/2011	19:50

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVIS 460-92827/2 Date Analyzed: 11/13/2011 03:05
 Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): x19551.d Heated Purge: (Y/N) N
 Calibration ID: 12995

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		687396	2.99	2280793	4.31	875381	6.05
UPPER LIMIT		1374792	3.49	4561586	4.81	1750762	6.55
LOWER LIMIT		343698	2.49	1140397	3.81	437691	5.55
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-91853/2-A		668610	2.98	2286264	4.31	911633	6.05
MB 460-91853/1-A		750208	2.99	2708872	4.31	1190900	6.05
460-33168-1 MS	GW-17338-110211-MW28-12 MS	593994	2.99	1961790	4.31	767991	6.05
460-33168-1	GW-17338-110211-MW28-12	642424	2.99	2136656	4.31	839389	6.05
460-33168-3	GW-17338-110211-MW105-14	708758	2.99	2319305	4.31	932328	6.05

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.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVIS 460-92827/2 Date Analyzed: 11/13/2011 03:05
 Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
 Lab File ID (Standard): x19551.d Heated Purge: (Y/N) N
 Calibration ID: 12995

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		955333	7.48	507784	10.01	443635	11.49
UPPER LIMIT		1910666	7.98	1015568	10.51	887270	11.99
LOWER LIMIT		477667	6.98	253892	9.51	221818	10.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-91853/2-A		1013275	7.48	626766	10.02	544762	11.49
MB 460-91853/1-A		1380242	7.48	645961	10.01	529489	11.49
460-33168-1 MS	GW-17338-110211-MW28-12 MS	844267	7.48	549373	10.01	512221	11.49
460-33168-1	GW-17338-110211-MW28-12	866646	7.48	523871	10.01	491977	11.49
460-33168-3	GW-17338-110211-MW105-14	1018893	7.48	622545	10.01	578382	11.49

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.: 460-33168-1
SDG No.: _____
Sample No.: CCVIS 460-92952/2 Date Analyzed: 11/13/2011 18:03
Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): x19570.d Heated Purge: (Y/N) N
Calibration ID: 12995

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		632136	2.96	2018969	4.28	807963	6.01
UPPER LIMIT		1264272	3.46	4037938	4.78	1615926	6.51
LOWER LIMIT		316068	2.46	1009485	3.78	403982	5.51
LAB SAMPLE ID		CLIENT SAMPLE ID					
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	744303	2.95	2376637	4.28	935071	6.02
460-33168-2	FB-17338-110211-13	834946	2.95	2889265	4.27	1131004	6.01

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.: 460-33168-1
SDG No.: _____
Sample No.: CCVIS 460-92952/2 Date Analyzed: 11/13/2011 18:03
Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): x19570.d Heated Purge: (Y/N) N
Calibration ID: 12995

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		920219	7.43	525118	9.95	435059	11.41
UPPER LIMIT		1840438	7.93	1050236	10.45	870118	11.91
LOWER LIMIT		460110	6.93	262559	9.45	217530	10.91
LAB SAMPLE ID		CLIENT SAMPLE ID					
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	1089548	7.44	707342	9.95	650506	11.41
460-33168-2	FB-17338-110211-13	1184361	7.43	621200	9.95	532259	11.41

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: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1

Matrix: Water Lab File ID: x19556.d

Analysis Method: 8270C Date Collected: 11/02/2011 10:00

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 05:41

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	2.8
108-95-2	Phenol	10	U	10	0.82
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
95-57-8	2-Chlorophenol	10	U	10	2.2
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
91-57-6	2-Methylnaphthalene	10	U	10	3.0
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.8
88-74-4	2-Nitroaniline	20	U	20	4.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
100-01-6	4-Nitroaniline	20	U	20	5.9
100-02-7	4-Nitrophenol	30	U	30	6.8
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
1912-24-9	Atrazine	10	U	10	3.0
91-20-3	Naphthalene	10	U	10	2.7
100-52-7	Benzaldehyde	10	U *	10	2.0
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.58
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
105-60-2	Caprolactam	10	U	10	2.5
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.091
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
 Matrix: Water Lab File ID: x19556.d
 Analysis Method: 8270C Date Collected: 11/02/2011 10:00
 Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
 Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 05:41
 Con. Extract Vol.: 2 (mL) Dilution Factor: 1
 Injection Volume: 1 (uL) Level: (low/med) Low
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
206-44-0	Fluoranthene	10	U	10	3.2
86-73-7	Fluorene	10	U	10	2.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.62
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.1
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.5
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
Matrix: Water Lab File ID: x19556.d
Analysis Method: 8270C Date Collected: 11/02/2011 10:00
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 05:41
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92827 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	83		46-122
321-60-8	2-Fluorobiphenyl	80		53-108
367-12-4	2-Fluorophenol (Surr)	50		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	85		56-112
4165-62-2	Phenol-d5 (Surr)	28		10-48
1718-51-0	Terphenyl-d14 (Surr)	81		50-122

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
Matrix: Water Lab File ID: x19556.d
Analysis Method: 8270C Date Collected: 11/02/2011 10:00
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 05:41
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92827 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19556.d
 Report Date: 13-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19556.d
 Lab Smp Id: 460-33168-I-1-B Client Smp ID: GW-17338-110211-MW2
 Inj Date : 13-NOV-2011 05:41
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-33168-I-1-B
 Misc Info : 460-33168-I-1-B
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 14:06 czhao Quant Type: ISTD
 Cal Date : 13-NOV-2011 03:05 Cal File: x19551.d
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	1.830	1.859	(0.612)	461908	25.1266	51
\$ 17 Phenol-d5 (SUR)	99	2.689	2.712	(0.900)	276813	13.9408	28
* 79 1,4-Dichlorobenzene-d4	152	2.989	2.995	(1.000)	642424	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	3.577	3.589	(0.831)	788368	42.2844	85
* 80 Naphthalene-d8	136	4.306	4.312	(1.000)	2136656	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.424	5.430	(0.896)	1277955	40.0455	81
* 82 Acenaphthene-d10	164	6.053	6.053	(1.000)	839389	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.824	6.824	(1.127)	135395	41.4428	84
* 83 Phenanthrene-d10	188	7.477	7.477	(1.000)	866646	40.0000	
\$ 78 Terphenyl-d14	244	9.041	9.047	(0.903)	578765	40.7101	82
* 81 Chrysene-d12	240	10.012	10.018	(1.000)	523871	40.0000	
* 84 Perylene-d12	264	11.494	11.494	(1.000)	491977	40.0000	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19556.d
Report Date: 13-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19556.d
Lab Smp Id: 460-33168-I-1-B Client Smp ID: GW-17338-110211-MW2
Inj Date : 13-NOV-2011 05:41
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-33168-I-1-B
Misc Info : 460-33168-I-1-B
Comment :
Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
Meth Date : 13-Nov-2011 14:06 czhao Quant Type: ISTD
Cal Date : 13-NOV-2011 03:05 Cal File: x19551.d
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: x19556.d

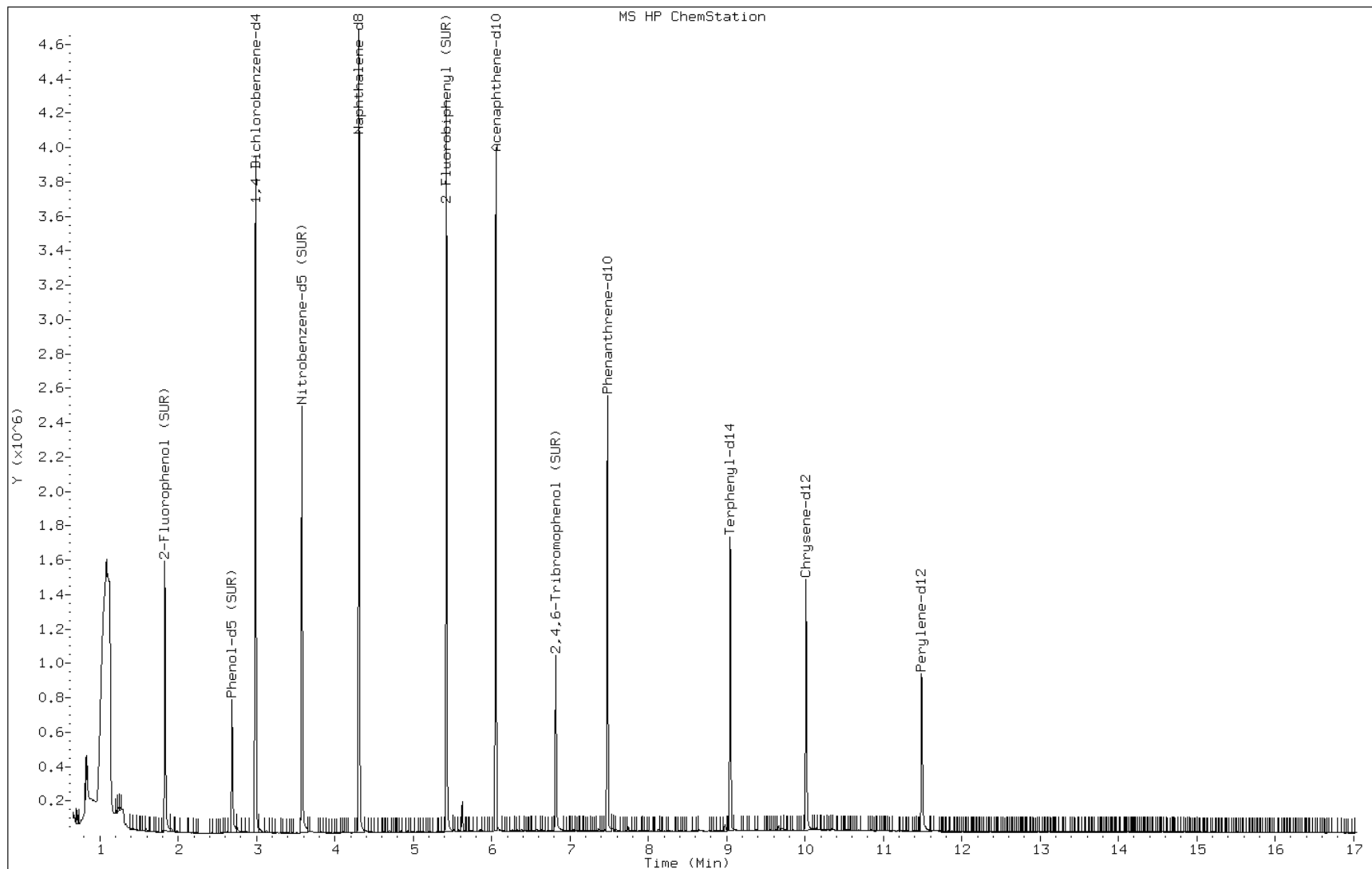
Date: 13-NOV-2011 05:41

Client ID: GW-17338-110211-MW2

Instrument: BNAMS5.i

Sample Info: 460-33168-I-1-B

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-33168-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-110211-13</u>	Lab Sample ID: <u>460-33168-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>x19573.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>11/02/2011 11:30</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>11/04/2011 08:51</u>
Sample wt/vol: <u>990 (mL)</u>	Date Analyzed: <u>11/13/2011 19:27</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>92952</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	2.8
108-95-2	Phenol	10	U	10	0.82
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
95-57-8	2-Chlorophenol	10	U	10	2.2
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
91-57-6	2-Methylnaphthalene	10	U	10	3.0
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.8
88-74-4	2-Nitroaniline	20	U	20	4.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
100-01-6	4-Nitroaniline	20	U	20	5.9
100-02-7	4-Nitrophenol	30	U	30	6.8
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
1912-24-9	Atrazine	10	U	10	3.0
91-20-3	Naphthalene	10	U	10	2.7
100-52-7	Benzaldehyde	10	U *	10	2.0
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.58
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
105-60-2	Caprolactam	10	U	10	2.5
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.091
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-33168-1</u>
SDG No.: _____	
Client Sample ID: <u>FB-17338-110211-13</u>	Lab Sample ID: <u>460-33168-2</u>
Matrix: <u>Water</u>	Lab File ID: <u>x19573.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>11/02/2011 11:30</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>11/04/2011 08:51</u>
Sample wt/vol: <u>990 (mL)</u>	Date Analyzed: <u>11/13/2011 19:27</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>92952</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
206-44-0	Fluoranthene	10	U	10	3.2
86-73-7	Fluorene	10	U	10	2.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.62
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.1
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.5
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
Matrix: Water Lab File ID: x19573.d
Analysis Method: 8270C Date Collected: 11/02/2011 11:30
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 19:27
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92952 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	79		46-122
321-60-8	2-Fluorobiphenyl	80		53-108
367-12-4	2-Fluorophenol (Surr)	63		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	88		56-112
4165-62-2	Phenol-d5 (Surr)	47		10-48
1718-51-0	Terphenyl-d14 (Surr)	90		50-122

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
Matrix: Water Lab File ID: x19573.d
Analysis Method: 8270C Date Collected: 11/02/2011 11:30
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 19:27
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92952 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19573.d
 Report Date: 14-Nov-2011 15:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19573.d
 Lab Smp Id: 460-33168-I-2-A Client Smp ID: FB-17338-110211-13
 Inj Date : 13-NOV-2011 19:27
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-33168-I-2-A
 Misc Info : 460-33168-I-2-A
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 18:34 czhao Quant Type: ISTD
 Cal Date : 13-NOV-2011 18:03 Cal File: x19570.d
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
\$ 16 2-Fluorophenol (SUR)	112	1.801	1.812	(0.611)	732737	31.5231	64
\$ 17 Phenol-d5 (SUR)	99	2.653	2.671	(0.900)	576791	23.6490	48
* 79 1,4-Dichlorobenzene-d4	152	2.948	2.959	(1.000)	834946	40.0000	
\$ 76 Nitrobenzene-d5 (SUR)	82	3.542	3.547	(0.829)	1092967	43.9652	89
* 80 Naphthalene-d8	136	4.271	4.277	(1.000)	2889265	40.0000	
\$ 77 2-Fluorobiphenyl (SUR)	172	5.389	5.389	(0.896)	1673814	39.8712	80
* 82 Acenaphthene-d10	164	6.012	6.012	(1.000)	1131004	40.0000	
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.783	6.783	(1.128)	176162	39.4018	80
* 83 Phenanthrene-d10	188	7.430	7.430	(1.000)	1184361	40.0000	
\$ 78 Terphenyl-d14	244	8.988	8.982	(0.904)	742677	44.8666	91
* 81 Chrysene-d12	240	9.947	9.947	(1.000)	621200	40.0000	
* 84 Perylene-d12	264	11.406	11.406	(1.000)	532259	40.0000	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19573.d
Report Date: 14-Nov-2011 15:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19573.d
Lab Smp Id: 460-33168-I-2-A Client Smp ID: FB-17338-110211-13
Inj Date : 13-NOV-2011 19:27
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-33168-I-2-A
Misc Info : 460-33168-I-2-A
Comment :
Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/8270Cdel_08.m
Meth Date : 13-Nov-2011 18:34 czhao Quant Type: ISTD
Cal Date : 13-NOV-2011 18:03 Cal File: x19570.d
Als bottle: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: x19573.d

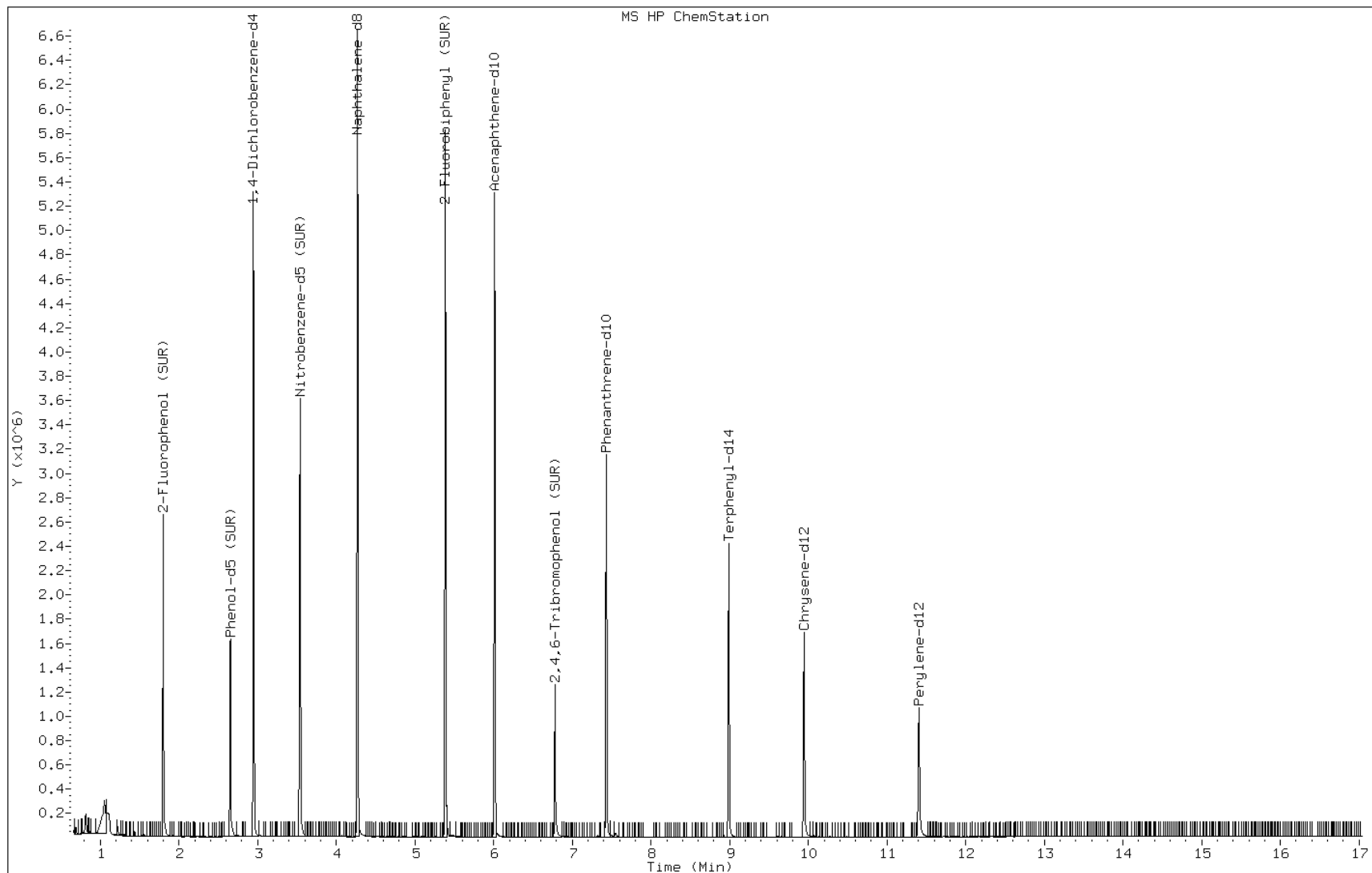
Date: 13-NOV-2011 19:27

Client ID: FB-17338-110211-13

Instrument: BNAMS5.i

Sample Info: 460-33168-I-2-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3

Matrix: Water Lab File ID: x19558.d

Analysis Method: 8270C Date Collected: 11/02/2011 12:15

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 06:28

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	2.8
108-95-2	Phenol	10		10	0.82
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
95-57-8	2-Chlorophenol	10	U	10	2.2
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
91-57-6	2-Methylnaphthalene	10	U	10	3.0
106-44-5	4-Methylphenol	4.1	J	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.8
88-74-4	2-Nitroaniline	20	U	20	4.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
100-01-6	4-Nitroaniline	20	U	20	5.9
100-02-7	4-Nitrophenol	30	U	30	6.8
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
1912-24-9	Atrazine	10	U	10	3.0
91-20-3	Naphthalene	10	U	10	2.7
100-52-7	Benzaldehyde	10	U *	10	2.0
106-47-8	4-Chloroaniline	10	U	10	2.0
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.58
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
105-60-2	Caprolactam	10	U	10	2.5
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.091
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3

Matrix: Water Lab File ID: x19558.d

Analysis Method: 8270C Date Collected: 11/02/2011 12:15

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 06:28

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
131-11-3	Dimethyl phthalate	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
206-44-0	Fluoranthene	10	U	10	3.2
86-73-7	Fluorene	10	U	10	2.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.62
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.1
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.5
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
Matrix: Water Lab File ID: x19558.d
Analysis Method: 8270C Date Collected: 11/02/2011 12:15
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 06:28
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92827 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	82		46-122
321-60-8	2-Fluorobiphenyl	75		53-108
367-12-4	2-Fluorophenol (Surr)	47		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	86		56-112
4165-62-2	Phenol-d5 (Surr)	28		10-48
1718-51-0	Terphenyl-d14 (Surr)	81		50-122

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
Matrix: Water Lab File ID: x19558.d
Analysis Method: 8270C Date Collected: 11/02/2011 12:15
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 06:28
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92827 Units: ug/L
Number TICs Found: 0 TIC Result Total: 0

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

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19558.d
 Report Date: 13-Nov-2011 23:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19558.d
 Lab Smp Id: 460-33168-H-3-A Client Smp ID: GW-17338-110211-MW1
 Inj Date : 13-NOV-2011 06:28
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-33168-H-3-A
 Misc Info : 460-33168-H-3-A
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 14:06 czhao Quant Type: ISTD
 Cal Date : 13-NOV-2011 03:05 Cal File: x19551.d
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	0.753	0.765 (0.252)	21582	2.50434	5.0(a)		
\$ 16 2-Fluorophenol (SUR)	112	1.836	1.859 (0.614)	476691	23.5039	47		
\$ 17 Phenol-d5 (SUR)	99	2.689	2.712 (0.900)	307559	14.0396	28		
1 Phenol	94	2.700	2.724 (0.904)	115174	5.13378	10(a)		
113 n-decane	43	2.877	2.883 (0.963)	14527	0.52868	1.1(a)		
* 79 1,4-Dichlorobenzene-d4	152	2.989	2.995 (1.000)	708758	40.0000			
4 4-Methylphenol	108	3.506	3.506 (1.173)	33269	2.01157	4.1(a)		
121 3 & 4 Methylphenol	108	3.506	3.506 (1.173)	33269	2.01157	4.1(a)		
\$ 76 Nitrobenzene-d5 (SUR)	82	3.577	3.589 (0.831)	868378	42.9079	87		
* 80 Naphthalene-d8	136	4.306	4.312 (1.000)	2319305	40.0000			
31 Naphthalene	128	4.330	4.336 (1.005)	19077	0.31280	0.63(aH)		
\$ 77 2-Fluorobiphenyl (SUR)	172	5.424	5.430 (0.896)	1336331	37.7004	76		
* 82 Acenaphthene-d10	164	6.053	6.053 (1.000)	932328	40.0000			
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.818	6.824 (1.126)	148659	40.9669	83		
* 83 Phenanthrene-d10	188	7.477	7.477 (1.000)	1018893	40.0000			

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19558.d
 Report Date: 13-Nov-2011 23:12

Compounds	QUANT SIG						CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL	
=====	====	==	=====	=====	=====	(ug/ml)	(ug/L)	
52 Phenanthrene	178	7.494	7.500	(1.002)	5570	0.19125	0.39(a)	
\$ 78 Terphenyl-d14	244	9.047	9.047	(0.904)	682582	40.4025	82	
* 81 Chrysene-d12	240	10.012	10.018	(1.000)	622545	40.0000		
* 84 Perylene-d12	264	11.494	11.494	(1.000)	578382	40.0000		

QC Flag Legend

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

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19558.d
Report Date: 13-Nov-2011 23:12

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19558.d
Lab Smp Id: 460-33168-H-3-A Client Smp ID: GW-17338-110211-MW1
Inj Date : 13-NOV-2011 06:28
Operator : BNAMS 4 Inst ID: BNAMS5.i
Smp Info : 460-33168-H-3-A
Misc Info : 460-33168-H-3-A
Comment :
Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
Meth Date : 13-Nov-2011 14:06 czhao Quant Type: ISTD
Cal Date : 13-NOV-2011 03:05 Cal File: x19551.d
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50
Processing Host: hpd1

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: x19558.d

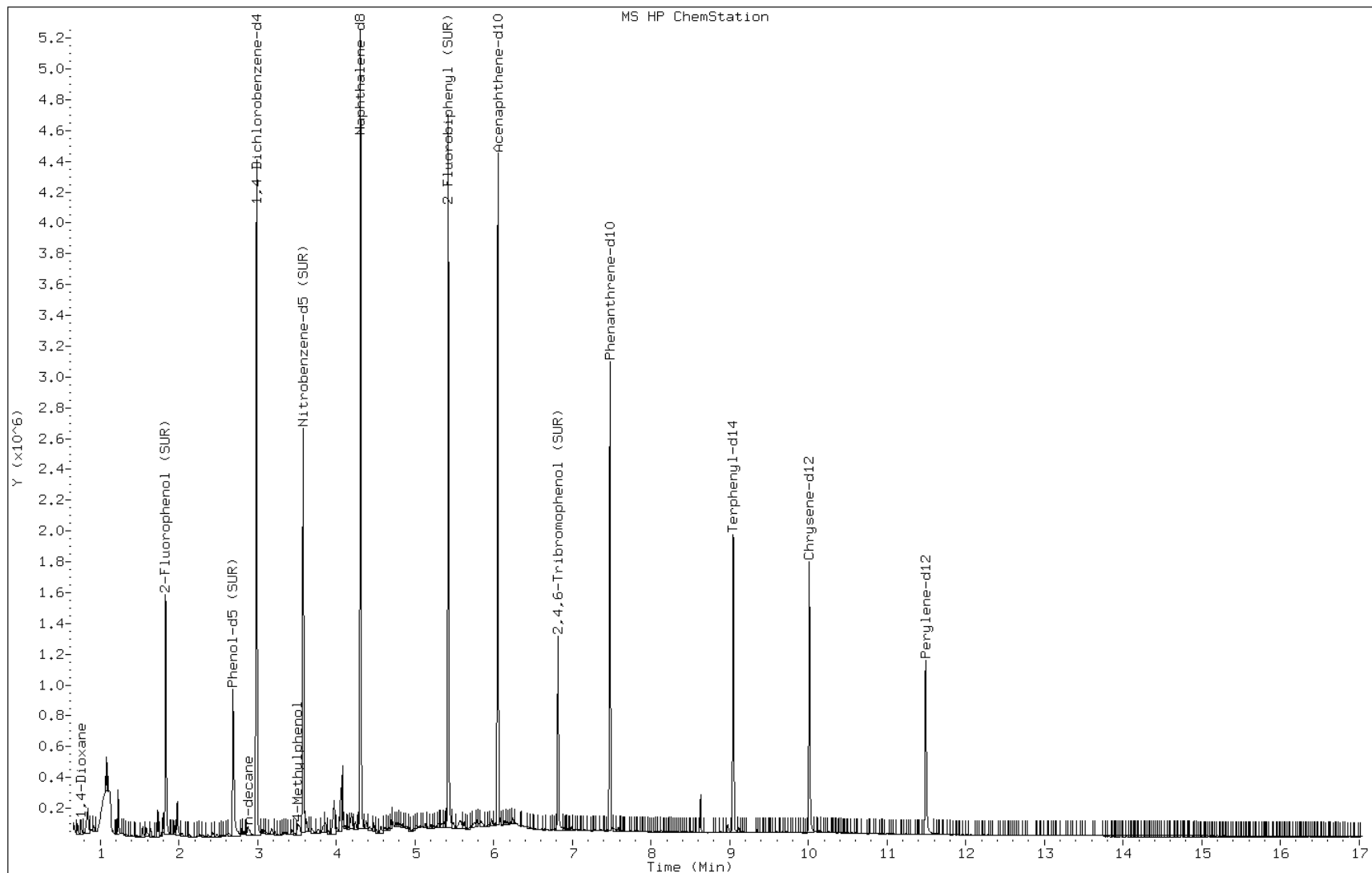
Date: 13-NOV-2011 06:28

Client ID: GW-17338-110211-MW1

Instrument: BNAMS5.i

Sample Info: 460-33168-H-3-A

Operator: BNAMS 4



Data File: x19558.d

Date: 13-NOV-2011 06:28

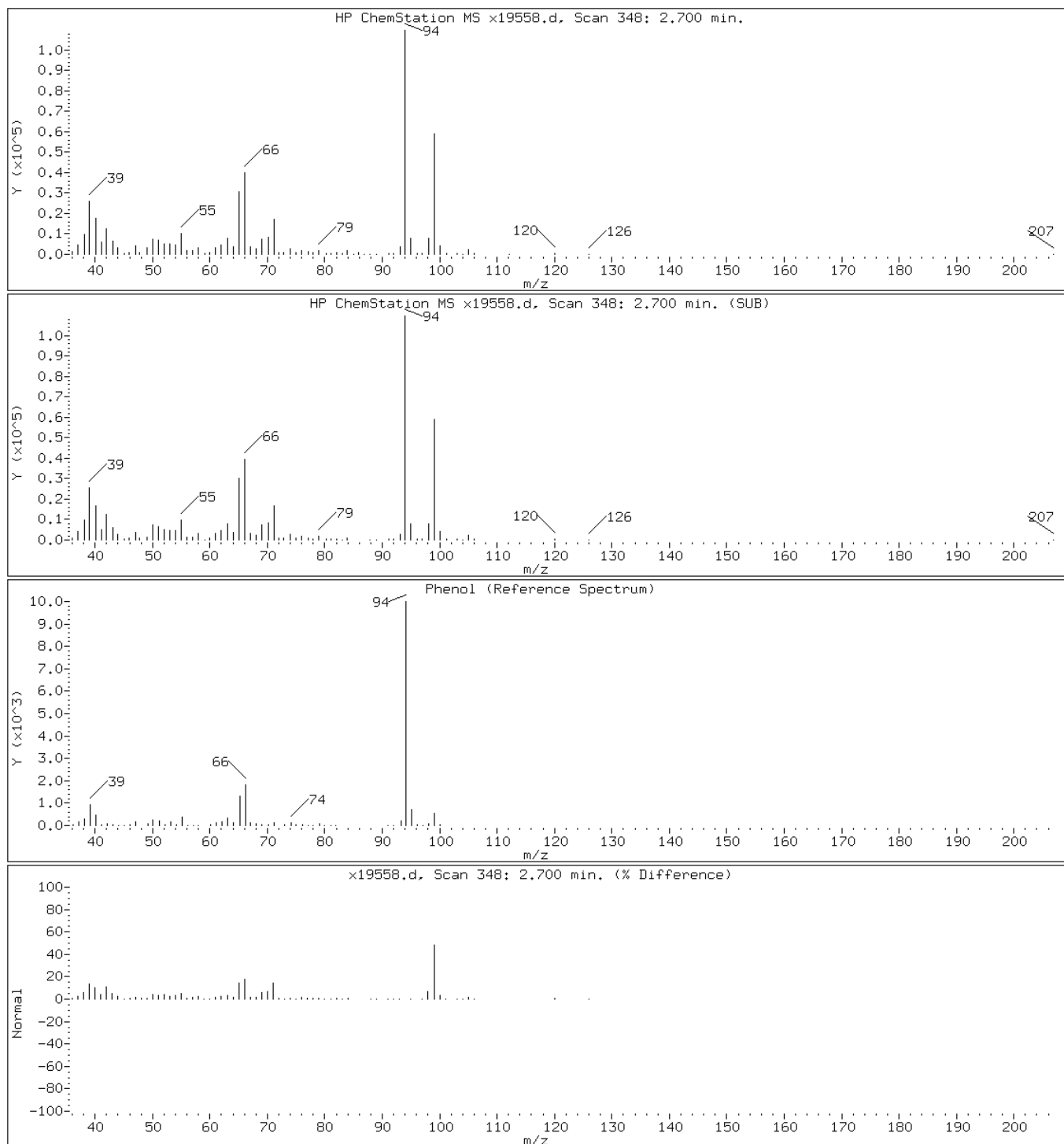
Client ID: GW-17338-110211-MW1

Instrument: BNAMS5.i

Sample Info: 460-33168-H-3-A

Operator: BNAMS 4

1 Phenol



Data File: x19558.d

Date: 13-NOV-2011 06:28

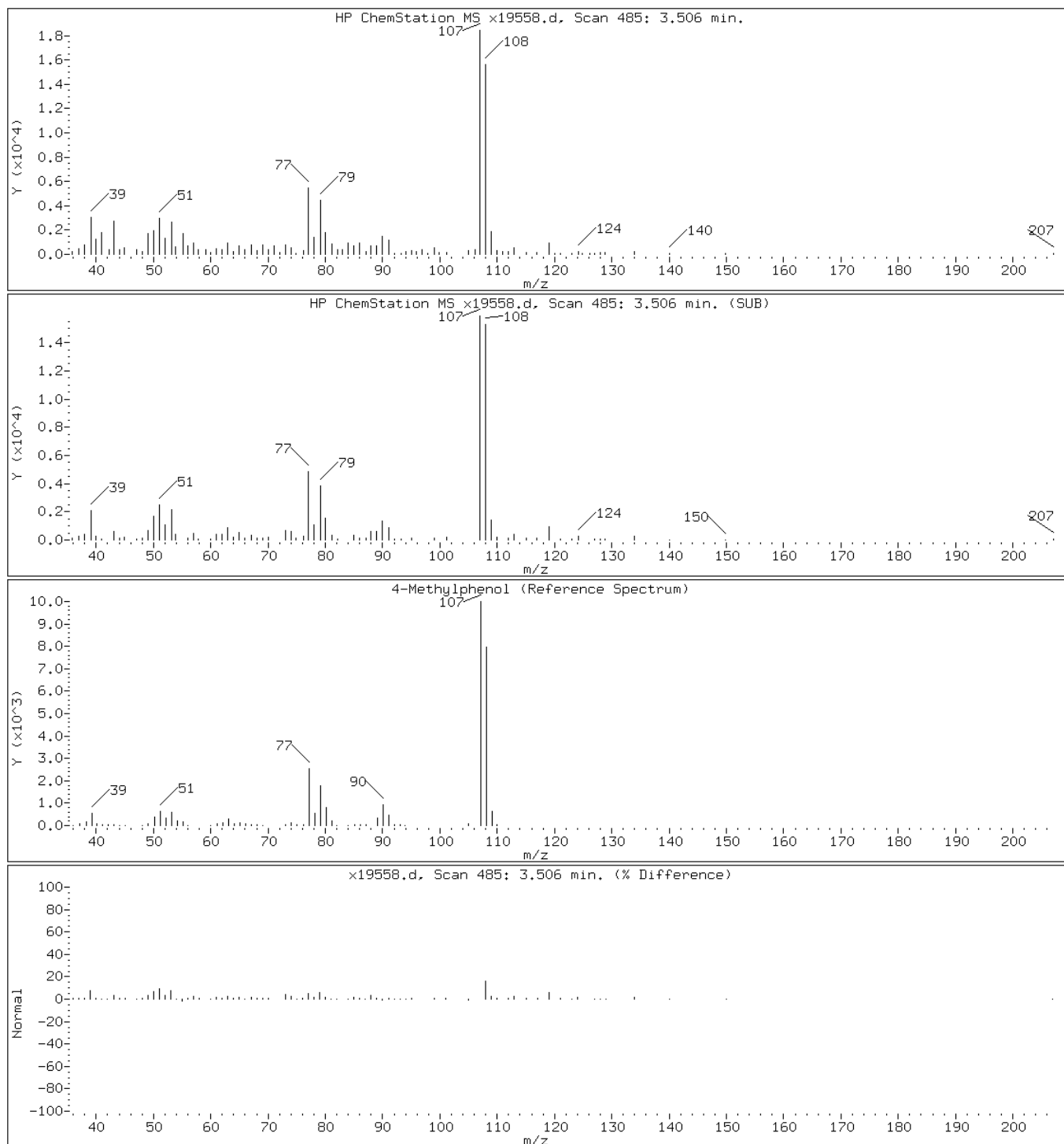
Client ID: GW-17338-110211-MW1

Instrument: BNAMS5.i

Sample Info: 460-33168-H-3-A

Operator: BNAMS 4

4 4-Methylphenol



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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 92547

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/05/2011 04:21 Calibration End Date: 11/05/2011 06:11 Calibration ID: 12995

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-92547/4	x19326.d
Level 2	IC 460-92547/6	x19328.d
Level 3	ICIS 460-92547/2	x19324.d
Level 4	IC 460-92547/5	x19327.d
Level 5	IC 460-92547/3	x19325.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	0.5318	0.5624	0.5841	0.5689	0.5701	Ave		0.5634			0.0500	3.4		30.0			
N-Nitrosodimethylamine	0.7203	0.7969	0.7825	0.7556	0.7278	Ave		0.7566			0.0500	4.4		30.0			
Pyridine	1.2375	1.4244	1.3558	1.3060	1.2432	Ave		1.3134			0.0500	6.0		30.0			
Benzaldehyde	0.6704	0.3235	0.2330	0.1435	0.1119	Ave		0.2965			0.0500	75.8	*	30.0			
Aniline	1.5904	1.6921	1.6041	1.3463	1.4579	Ave		1.5382			0.0500	8.8		30.0			
Phenol	1.3897	1.3793	1.2985	1.3541	1.3504	Ave		1.3544			0.0500	2.6		30.0			
Bis(2-chloroethyl)ether	1.2345	1.2411	1.2640	1.4977	1.3064	Ave		1.3087			0.0500	8.4		30.0			
2-Chlorophenol	1.3031	1.3317	1.2406	1.1804	1.1864	Ave		1.2484			0.0500	5.4		30.0			
n-Decane	1.4862	1.5327	1.5416	1.5238	1.5939	Ave		1.5356			0.0500	2.5		30.0			
1,3-Dichlorobenzene	1.5456	1.6445	1.6701	1.6589	1.6089	Ave		1.6256			0.0500	3.1		30.0			
1,4-Dichlorobenzene	1.6039	1.6737	1.6817	1.6761	1.6305	Ave		1.6531			0.0500	2.1		30.0			
1,2-Dichlorobenzene	1.4623	1.5555	1.5290	1.5383	1.4815	Ave		1.5133			0.0500	2.6		30.0			
Benzyl alcohol	0.6349	0.7610	0.7003	0.7119	0.5215	Ave		0.6659			0.0500	13.9		30.0			
2,2'-oxybis[1-chloropropane]	1.6829	1.7168	1.6864	1.6444	1.5349	Ave		1.6531			0.0500	4.3		30.0			
2-Methylphenol	1.0431	1.0448	0.9562	0.9184	0.9228	Ave		0.9770			0.0500	6.4		30.0			
o-Toluidine	1.3041	1.4220	1.3441	1.3240	1.2948	Ave		1.3378			0.0500	3.8		30.0			
Acetophenone	1.5705	1.5992	1.4990	1.4914	1.4786	Ave		1.5278			0.0500	3.5		30.0			
N-Nitrosodi-n-propylamine	0.6913	0.7895	0.7448	0.7261	0.6592	Ave		0.7222			0.0500	6.9		30.0			
3 & 4 Methylphenol	0.9844	1.0324	0.9055	0.9349	0.9181	Ave		0.9551			0.0500	5.5		30.0			
4-Methylphenol	0.9844	1.0324	0.9055	0.9349	0.9181	Ave		0.9551			0.0500	5.5		30.0			
Hexachloroethane	0.5491	0.6090	0.6071	0.6075	0.5653	Ave		0.5876			0.0500	4.8		30.0			
Nitrobenzene	0.4740	0.4872	0.4982	0.4872	0.4649	Ave		0.4823			0.0500	2.7		30.0			
n,n'-Dimethylaniline	1.4132	1.9764	1.9283	1.8848	1.8003	Ave		1.8006			0.0500	12.6		30.0			
Isophorone	0.5338	0.5397	0.5236	0.5049	0.4801	Ave		0.5164			0.0500	4.7		30.0			
2-Nitrophenol	0.1682	0.1822	0.1922	0.1925	0.1988	Ave		0.1868			0.0500	6.4		30.0			
2,4-Dimethylphenol	0.2776	0.2848	0.2760	0.2682	0.2719	Ave		0.2757			0.0500	2.3		30.0			
Bis(2-chloroethoxy)methane	0.3357	0.3481	0.3529	0.3407	0.3325	Ave		0.3419			0.0500	2.5		30.0			
2,4-Dichlorophenol	0.2330	0.2542	0.2510	0.2392	0.2456	Ave		0.2446			0.0500	3.5		30.0			
1,2,4-Trichlorobenzene	0.3220	0.3269	0.3351	0.3328	0.3226	Ave		0.3279			0.0500	1.8		30.0			
Naphthalene	1.0197	1.0761	1.0830	1.0865	1.0581	Ave		1.0647			0.0500	2.6		30.0			
4-Chloroaniline	0.3075	0.3408	0.3170	0.2948	0.2735	Ave		0.3067			0.0500	8.2		30.0			
Hexachlorobutadiene	0.2060	0.1970	0.1970	0.1987	0.1923	Ave		0.1982			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.: 460-33168-1 Analy Batch No.: 92547

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/05/2011 04:21 Calibration End Date: 11/05/2011 06:11 Calibration ID: 12995

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	0.0497	0.0631	0.0627	0.0585	0.0539	Ave		0.0576			0.0500	10.0		30.0			
4-Chloro-3-methylphenol	0.2176	0.2162	0.2040	0.1865	0.1907	Ave		0.2030			0.0500	7.0		30.0			
2-Methylnaphthalene	0.6259	0.6487	0.6444	0.6232	0.5999	Ave		0.6284			0.0500	3.1		30.0			
1-Methylnaphthalene	0.6192	0.6465	0.6284	0.6274	0.6189	Ave		0.6281			0.0500	1.8		30.0			
Hexachlorocyclopentadiene	0.2868	0.3476	0.3941	0.4108	0.4742	Ave		0.3827			0.0500	18.3		30.0			
2,4,6-Trichlorophenol	0.3403	0.3560	0.3663	0.3702	0.4478	Ave		0.3761			0.0500	11.1		30.0			
2,4,5-Trichlorophenol	0.3466	0.3531	0.3661	0.3610	0.3747	Ave		0.3603			0.0500	3.0		30.0			
1,1'-Biphenyl	1.5664	1.5675	1.6825	1.6446	1.6251	Ave		1.6172			0.0500	3.1		30.0			
2-Chloronaphthalene	1.1881	1.2606	1.2780	1.2517	1.0981	Ave		1.2153			0.0500	6.1		30.0			
Phenyl ether	0.8346	0.8870	0.9213	0.9124	0.8872	Ave		0.8885			0.0500	3.8		30.0			
2-Nitroaniline	0.2636	0.2916	0.2882	0.2856	0.2490	Ave		0.2756			0.0500	6.7		30.0			
Coumarin	0.1386	0.1589	0.1422	0.1391	0.1279	Ave		0.1413			0.0500	7.9		30.0			
Dimethyl phthalate	1.0949	1.1592	1.1471	1.1157	1.1412	Ave		1.1316			0.0500	2.3		30.0			
2,6-Dinitrotoluene	0.2185	0.2599	0.2545	0.2532	0.2712	Ave		0.2514			0.0500	7.8		30.0			
Acenaphthylene	1.8049	1.8066	1.8537	1.8385	1.7202	Ave		1.8048			0.0500	2.9		30.0			
3-Nitroaniline	0.2169	0.2371	0.2142	0.2047	0.1986	Ave		0.2143			0.0500	6.9		30.0			
Acenaphthene	1.0647	1.1030	1.1272	1.1170	1.0486	Ave		1.0921			0.0500	3.1		30.0			
2,4-Dinitrophenol	0.0676	0.0971	0.1050	0.1164	0.1232	Ave		0.1019			0.0500	21.2		30.0			
Dibenzofuran	1.4919	1.5400	1.5485	1.5345	1.4549	Ave		1.5140			0.0500	2.6		30.0			
4-Nitrophenol	0.1083	0.1352	0.1365	0.1489	0.1526	Ave		0.1363			0.0500	12.8		30.0			
2,4-Dinitrotoluene	0.2704	0.3139	0.2973	0.2900	0.3012	Ave		0.2946			0.0500	5.5		30.0			
Diethyl phthalate	1.0109	1.0629	1.0343	1.0266	0.9564	Ave		1.0182			0.0500	3.9		30.0			
Fluorene	1.1527	1.2162	1.2150	1.1960	1.1361	Ave		1.1832			0.0500	3.1		30.0			
4-Chlorophenyl phenyl ether	0.5593	0.5810	0.5705	0.5835	0.5922	Ave		0.5773			0.0500	2.2		30.0			
4-Nitroaniline	0.1620	0.1718	0.1387	0.1325	0.1324	Ave		0.1475			0.0500	12.4		30.0			
4,6-Dinitro-2-methylphenol	0.0975	0.1220	0.1318	0.1360	0.1311	Ave		0.1237			0.0500	12.5		30.0			
N-Nitrosodiphenylamine	0.5834	0.6167	0.6401	0.6539	0.6251	Ave		0.6238			0.0500	4.3		30.0			
1,2-Diphenylhydrazine	0.8531	1.0557	1.0908	1.1697	0.9903	Ave		1.0319			0.0500	11.5		30.0			
4-Bromophenyl phenyl ether	0.2586	0.2704	0.2736	0.2756	0.2562	Ave		0.2669			0.0500	3.3		30.0			
Hexachlorobenzene	0.2917	0.2951	0.2902	0.2928	0.2890	Ave		0.2918			0.0500	0.8		30.0			
Atrazine	0.1836	0.2019	0.2014	0.1987	0.1998	Ave		0.1971			0.0500	3.9		30.0			
Pentachlorophenol	0.1161	0.1334	0.1368	0.1454	0.1378	Ave		0.1339			0.0500	8.1		30.0			
Phenanthrene	1.1103	1.1983	1.1827	1.1755	1.1017	Ave		1.1537			0.0500	3.8		30.0			
Anthracene	1.0679	1.2074	1.1923	1.1568	1.1039	Ave		1.1457			0.0500	5.1		30.0			
Carbazole	0.7968	0.8753	0.8435	0.8321	0.7763	Ave		0.8248			0.0500	4.7		30.0			
Di-n-butyl phthalate	1.1165	1.2056	1.1963	1.1671	1.1372	Ave		1.1645			0.0500	3.3		30.0			
Fluoranthene	0.8535	0.9389	0.9127	0.8889	0.8462	Ave		0.8881			0.0500	4.4		30.0			
Benzidine	0.0627	0.1012	0.0237	0.0185	0.0196	Ave		0.0451		*	0.0500	80.5	*	30.0			
Pyrene	1.8130	1.8845	1.8477	1.8061	1.6899	Ave		1.8082			0.0500	4.0		30.0			
2,3,7,8-TCDD	+++++	+++++	1.5842	+++++	+++++	Ave		1.5842			0.0500			30.0			
Butyl benzyl phthalate	0.6748	0.7306	0.7101	0.6970	0.6528	Ave		0.6930			0.0500	4.4		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.: 460-33168-1 Analy Batch No.: 92547

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/05/2011 04:21 Calibration End Date: 11/05/2011 06:11 Calibration ID: 12995

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	0.3462	0.3536	0.3407	0.3336	0.3265	Ave		0.3401			0.0500	3.1		30.0			
Benzo[a]anthracene	1.4099	1.2035	1.2052	1.1795	1.1566	Ave		1.2309			0.0500	8.3		30.0			
Chrysene	1.0993	1.1520	1.1557	1.1318	1.0894	Ave		1.1256			0.0500	2.7		30.0			
Bis(2-ethylhexyl) phthalate	0.8961	0.9498	0.9420	0.9383	0.8966	Ave		0.9245			0.0500	2.8		30.0			
Di-n-octyl phthalate	1.3539	1.6522	1.6172	1.6268	1.4327	Ave		1.5366			0.0500	8.7		30.0			
Benzo[b]fluoranthene	0.8248	1.1758	1.1641	1.2422	1.0915	Ave		1.0997			0.0500	14.8		30.0			
Benzo[k]fluoranthene	1.1610	1.2548	1.2722	1.2438	1.2542	Ave		1.2372			0.0500	3.5		30.0			
Benzo[a]pyrene	0.7594	0.9650	1.0051	0.9965	0.9712	Ave		0.9394			0.0500	10.9		30.0			
Indeno[1,2,3-cd]pyrene	0.5921	0.7696	0.8844	0.9557	0.9864	Ave		0.8376			0.0500	19.2		30.0			
Dibenz(a,h)anthracene	0.4085	0.8939	0.9116	0.9940	1.0117	Ave		0.8440			0.0500	29.5		30.0			
Benzo[g,h,i]perylene	0.8805	0.9871	0.9925	1.0471	1.0836	Ave		0.9982			0.0500	7.7		30.0			
2-Fluorophenol (Surr)	1.1508	1.1653	1.1764	1.1043	1.0904	Ave		1.1374			0.0500	3.3		30.0			
Phenol-d5 (Surr)	1.3894	1.2905	1.2768	1.2132	1.1849	Ave		1.2709			0.0500	6.2		30.0			
Nitrobenzene-d5 (Surr)	0.3576	0.3377	0.3522	0.3465	0.3595	Ave		0.3507			0.0500	2.5		30.0			
2-Fluorobiphenyl	1.4837	1.4092	1.5075	1.5323	1.4452	Ave		1.4756			0.0500	3.3		30.0			
2,4,6-Tribromophenol (Surr)	0.1549	0.1552	0.1665	0.1589	0.1601	Ave		0.1591			0.0500	3.0		30.0			
Terphenyl-d14 (Surr)	1.2998	1.2488	1.2340	1.2183	1.2375	Ave		1.2477			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 RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 92547

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/05/2011 04:21 Calibration End Date: 11/05/2011 06:11 Calibration ID: 12995

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-92547/4	x19326.d
Level 2	IC 460-92547/6	x19328.d
Level 3	ICIS 460-92547/2	x19324.d
Level 4	IC 460-92547/5	x19327.d
Level 5	IC 460-92547/3	x19325.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	38907	149868	436820	683526	968161	5.00	20.0	50.0	80.0	120
N-Nitrosodimethylamine	DCB	Ave	52698	212365	585221	907943	1236014	5.00	20.0	50.0	80.0	120
Pyridine	DCB	Ave	90538	379578	1013991	1569198	2111367	5.00	20.0	50.0	80.0	120
Benzaldehyde	DCB	Ave	49048	86219	174263	172389	190113	5.00	20.0	50.0	80.0	120
Aniline	DCB	Ave	116358	450917	1199631	1617701	2476017	5.00	20.0	50.0	80.0	120
Phenol	DCB	Ave	101676	367570	971111	1627079	2293382	5.00	20.0	50.0	80.0	120
Bis(2-chloroethyl)ether	DCB	Ave	9032	330734	945341	1799523	2218757	0.500	20.0	50.0	80.0	120
2-Chlorophenol	DCB	Ave	95336	354872	927827	1418374	2014825	5.00	20.0	50.0	80.0	120
n-Decane	DCB	Ave	108736	408435	1152935	1830973	2706931	5.00	20.0	50.0	80.0	120
1,3-Dichlorobenzene	DCB	Ave	113079	438242	1248985	1993315	2732374	5.00	20.0	50.0	80.0	120
1,4-Dichlorobenzene	DCB	Ave	117341	446013	1257655	2013923	2769051	5.00	20.0	50.0	80.0	120
1,2-Dichlorobenzene	DCB	Ave	106985	414517	1143502	1848404	2515976	5.00	20.0	50.0	80.0	120
Benzyl alcohol	DCB	Ave	46453	202806	523755	855398	885653	5.00	20.0	50.0	80.0	120
2,2'-oxybis[1-chloropropane]	DCB	Ave	123124	457502	1261214	1975885	2606760	5.00	20.0	50.0	80.0	120
2-Methylphenol	DCB	Ave	76314	278416	715092	1103480	1567140	5.00	20.0	50.0	80.0	120
o-Toluidine	DCB	Ave	95411	378956	1005182	1590833	2198992	5.00	20.0	50.0	80.0	120
Acetophenone	DCB	Ave	114900	426173	1121071	1792059	2511154	5.00	20.0	50.0	80.0	120
N-Nitrosodi-n-propylamine	DCB	Ave	5058	210382	557029	872404	1119500	0.500	20.0	50.0	80.0	120
3 & 4 Methylphenol	DCB	Ave	72021	275120	677230	1123327	1559169	5.00	20.0	50.0	80.0	120
4-Methylphenol	DCB	Ave	72021	275120	677230	1123327	1559169	5.00	20.0	50.0	80.0	120
Hexachloroethane	DCB	Ave	4017	162301	454029	729991	959999	0.500	20.0	50.0	80.0	120
Nitrobenzene	NPT	Ave	11919	454206	1218702	1922114	2513675	0.500	20.0	50.0	80.0	120
n,n'-Dimethylaniline	DCB	Ave	10339	526681	1442117	2264737	3057503	0.500	20.0	50.0	80.0	120
Isophorone	NPT	Ave	134231	503113	1281039	1991875	2596017	5.00	20.0	50.0	80.0	120
2-Nitrophenol	NPT	Ave	42286	169803	470256	759473	1074908	5.00	20.0	50.0	80.0	120
2,4-Dimethylphenol	NPT	Ave	69810	265513	675312	1058088	1470395	5.00	20.0	50.0	80.0	120
Bis(2-chloroethoxy)methane	NPT	Ave	84407	324448	863207	1344083	1797847	5.00	20.0	50.0	80.0	120
2,4-Dichlorophenol	NPT	Ave	58594	236941	614043	943660	1328248	5.00	20.0	50.0	80.0	120
1,2,4-Trichlorobenzene	NPT	Ave	8098	304703	819787	1313165	1744347	0.500	20.0	50.0	80.0	120
Naphthalene	NPT	Ave	256426	1003168	2649365	4286394	5721278	5.00	20.0	50.0	80.0	120
4-Chloroaniline	NPT	Ave	77330	317718	775568	1163190	1478831	5.00	20.0	50.0	80.0	120
Hexachlorobutadiene	NPT	Ave	10360	183615	481912	783782	1039860	1.00	20.0	50.0	80.0	120
Caprolactam	NPT	Ave	12503	58797	153477	230914	291196	5.00	20.0	50.0	80.0	120
4-Chloro-3-methylphenol	NPT	Ave	54729	201504	499047	735712	1031273	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.: 460-33168-1 Analy Batch No.: 92547

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/05/2011 04:21 Calibration End Date: 11/05/2011 06:11 Calibration ID: 12995

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	157381	604694	1576542	2458629	3243973	5.00	20.0	50.0	80.0	120
1-Methylnaphthalene	NPT	Ave	155713	602645	1537404	2475389	3346677	5.00	20.0	50.0	80.0	120
Hexachlorocyclopentadiene	ANT	Ave	32116	143195	391189	643384	906566	5.00	20.0	50.0	80.0	120
2,4,6-Trichlorophenol	ANT	Ave	38109	146661	363660	579744	856101	5.00	20.0	50.0	80.0	120
2,4,5-Trichlorophenol	ANT	Ave	38815	145487	363379	565417	716382	5.00	20.0	50.0	80.0	120
1,1'-Biphenyl	ANT	Ave	175407	645824	1670186	2575649	3106955	5.00	20.0	50.0	80.0	120
2-Chloronaphthalene	ANT	Ave	133044	519385	1268629	1960338	2099397	5.00	20.0	50.0	80.0	120
Phenyl ether	ANT	Ave	93465	365453	914604	1428911	1696193	5.00	20.0	50.0	80.0	120
2-Nitroaniline	ANT	Ave	59040	120123	286088	447216	476058	10.0	20.0	50.0	80.0	120
Coumarin	NPT	Ave	34859	148153	347819	548592	691734	5.00	20.0	50.0	80.0	120
Dimethyl phthalate	ANT	Ave	122611	477609	1138726	1747318	2181840	5.00	20.0	50.0	80.0	120
2,6-Dinitrotoluene	ANT	Ave	4894	107061	252628	396491	518481	1.00	20.0	50.0	80.0	120
Acenaphthylene	ANT	Ave	202119	744335	1840101	2879250	3288764	5.00	20.0	50.0	80.0	120
3-Nitroaniline	ANT	Ave	48571	97702	212607	320648	379641	10.0	20.0	50.0	80.0	120
Acenaphthene	ANT	Ave	119223	454428	1118994	1749326	2004733	5.00	20.0	50.0	80.0	120
2,4-Dinitrophenol	ANT	Ave	22704	60019	104269	182281	235483	15.0	30.0	50.0	80.0	120
Dibenzofuran	ANT	Ave	167068	634505	1537153	2403173	2781629	5.00	20.0	50.0	80.0	120
4-Nitrophenol	ANT	Ave	36384	83558	135521	233176	291764	15.0	30.0	50.0	80.0	120
2,4-Dinitrotoluene	ANT	Ave	6055	129344	295143	454127	575926	1.00	20.0	50.0	80.0	120
Diethyl phthalate	ANT	Ave	113204	437921	1026785	1607703	1828590	5.00	20.0	50.0	80.0	120
Fluorene	ANT	Ave	129079	501064	1206107	1873030	2172137	5.00	20.0	50.0	80.0	120
4-Chlorophenyl phenyl ether	ANT	Ave	62629	239390	566281	913844	1132248	5.00	20.0	50.0	80.0	120
4-Nitroaniline	ANT	Ave	36276	70803	137722	207498	253158	10.0	20.0	50.0	80.0	120
4,6-Dinitro-2-methylphenol	PHN	Ave	36909	85352	142906	226907	277393	15.0	30.0	50.0	80.0	120
N-Nitrosodiphenylamine	PHN	Ave	73616	287518	694064	1090986	1322467	5.00	20.0	50.0	80.0	120
1,2-Diphenylhydrazine	PHN	Ave	107653	492186	1182789	1951666	2095026	5.00	20.0	50.0	80.0	120
4-Bromophenyl phenyl ether	PHN	Ave	32629	126062	296702	459774	541992	5.00	20.0	50.0	80.0	120
Hexachlorobenzene	PHN	Ave	3681	137563	314659	488585	611402	0.500	20.0	50.0	80.0	120
Atrazine	PHN	Ave	23175	94138	218431	331585	422702	5.00	20.0	50.0	80.0	120
Pentachlorophenol	PHN	Ave	43966	93290	148383	242578	291489	15.0	30.0	50.0	80.0	120
Phenanthrene	PHN	Ave	140113	558664	1282453	1961273	2330743	5.00	20.0	50.0	80.0	120
Anthracene	PHN	Ave	134764	562906	1292848	1930102	2335519	5.00	20.0	50.0	80.0	120
Carbazole	PHN	Ave	100555	408101	914587	1388417	1642381	5.00	20.0	50.0	80.0	120
Di-n-butyl phthalate	PHN	Ave	140895	562061	1297248	1947259	2405816	5.00	20.0	50.0	80.0	120
Fluoranthene	PHN	Ave	107703	437763	989730	1483230	1790249	5.00	20.0	50.0	80.0	120
Benzidine	PHN	Ave	15823	70780	25696	30850	41376	10.0	30.0	50.0	80.0	120
Pyrene	CRY	Ave	103193	421500	950099	1447199	1762785	5.00	20.0	50.0	80.0	120
2,3,7,8-TCDD	CRY	Ave	+++++	+++++	8146	+++++	+++++	+++++	+++++	0.500	+++++	+++++
Butyl benzyl phthalate	CRY	Ave	38407	163402	365143	558485	680928	5.00	20.0	50.0	80.0	120
3,3'-Dichlorobenzidine	CRY	Ave	39415	118617	175200	267325	340579	10.0	30.0	50.0	80.0	120
Benzo[a]anthracene	CRY	Ave	8025	269177	619737	945153	1206491	0.500	20.0	50.0	80.0	120
Chrysene	CRY	Ave	62570	257657	594268	906871	1136403	5.00	20.0	50.0	80.0	120
Bis(2-ethylhexyl) phthalate	CRY	Ave	51003	212430	484354	751886	935299	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.: 460-33168-1 Analy Batch No.: 92547

SDG No.: _____

Instrument ID: BNAMS5 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/05/2011 04:21 Calibration End Date: 11/05/2011 06:11 Calibration ID: 12995

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	57535	276222	661836	1040163	1301234	5.00	20.0	50.0	80.0	120
Benzo[b]fluoranthene	PRY	Ave	3505	196575	476404	794252	991306	0.500	20.0	50.0	80.0	120
Benzo[k]fluoranthene	PRY	Ave	4934	209788	520615	795293	1139135	0.500	20.0	50.0	80.0	120
Benzo[a]pyrene	PRY	Ave	3227	161341	411343	637143	882065	0.500	20.0	50.0	80.0	120
Indeno[1,2,3-cd]pyrene	PRY	Ave	2516	128658	361910	611088	895912	0.500	20.0	50.0	80.0	120
Dibenz(a,h)anthracene	PRY	Ave	1736	149454	373077	635576	918830	0.500	20.0	50.0	80.0	120
Benzo[g,h,i]perylene	PRY	Ave	37418	165029	406161	669544	984196	5.00	20.0	50.0	80.0	120
2-Fluorophenol (Surr)	DCB	Ave	84194	310528	879788	1326881	1851797	5.00	20.0	50.0	80.0	120
Phenol-d5 (Surr)	DCB	Ave	101654	343893	954844	1457702	2012302	5.00	20.0	50.0	80.0	120
Nitrobenzene-d5 (Surr)	NPT	Ave	89926	314797	861617	1367008	1944051	5.00	20.0	50.0	80.0	120
2-Fluorobiphenyl	ANT	Ave	166148	580602	1496478	2399666	2763136	5.00	20.0	50.0	80.0	120
2,4,6-Tribromophenol (Surr)	ANT	Ave	17342	63930	165291	248805	306013	5.00	20.0	50.0	80.0	120
Terphenyl-d14 (Surr)	CRY	Ave	73983	279325	634526	976253	1290917	5.00	20.0	50.0	80.0	120

Curve Type Legend:

Ave = Average ISTD

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19324.d
 Report Date: 10-Nov-2011 08:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19324.d
 Lab Smp Id: ICIS-1204235
 Inj Date : 05-NOV-2011 04:21
 Operator : BNAMS 4
 Smp Info : ICIS-1204235
 Misc Info : 50ppm bna4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/8270Cdel_08.m
 Meth Date : 10-Nov-2011 08:37 asfawa
 Cal Date : 05-NOV-2011 04:21
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x19324.d
 Calibration Sample, Level: 3
 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				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	0.941	0.941	(0.287)	436820	50.0000	50
19 N-Nitrosodimethylamine	74	1.147	1.147	(0.349)	585221	50.0000	50
71 Pyridine	79	1.164	1.164	(0.355)	1013991	50.0000	50
\$ 16 2-Fluorophenol (SUR)	112	2.111	2.111	(0.643)	879788	50.0000	50
110 Benzaldehyde	77	2.841	2.841	(0.866)	174263	50.0000	50
\$ 17 Phenol-d5 (SUR)	99	2.976	2.976	(0.907)	954844	50.0000	50
1 Phenol	94	2.994	2.994	(0.912)	971111	50.0000	50
73 Aniline	93	2.958	2.958	(0.901)	1199631	50.0000	50
20 bis(2-Chloroethyl)ether	93	3.041	3.041	(0.926)	945341	50.0000	50
2 2-Chlorophenol	128	3.082	3.082	(0.939)	927827	50.0000	50
113 n-decane	43	3.158	3.158	(0.962)	1152935	50.0000	50
21 1,3-Dichlorobenzene	146	3.223	3.223	(0.982)	1248985	50.0000	50
* 79 1,4-Dichlorobenzene-d4	152	3.282	3.282	(1.000)	598295	40.0000	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19324.d
 Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.299	3.299	(1.005)	1257655	50.0000	50
74 Benzyl Alcohol	108	3.458	3.458	(1.054)	523755	50.0000	50
23 1,2-Dichlorobenzene	146	3.452	3.452	(1.052)	1143502	50.0000	50
3 2-Methylphenol	108	3.605	3.605	(1.099)	715092	50.0000	50
122 O-Toluidine	107	3.711	3.711	(1.131)	1005182	50.0000	50
24 bis (2-chloroisopropyl) ether	45	3.593	3.593	(1.095)	1261214	50.0000	50
104 Acetophenone	105	3.723	3.723	(1.134)	1121071	50.0000	50
4 4-Methylphenol	108	3.770	3.770	(1.149)	677230	50.0000	50
121 3 & 4 Methylphenol	108	3.770	3.770	(1.149)	677230	50.0000	50
25 N-Nitroso-di-n-propylamine	70	3.746	3.746	(1.142)	557029	50.0000	50
26 Hexachloroethane	117	3.793	3.793	(1.156)	454029	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	3.870	3.870	(0.844)	861617	50.0000	50
107 N,N-Dimethylaniline	120	3.899	3.899	(1.188)	1442117	50.0000	50
27 Nitrobenzene	77	3.893	3.893	(0.849)	1218702	50.0000	50
28 Isophorone	82	4.141	4.141	(0.903)	1281039	50.0000	50
5 2-Nitrophenol	139	4.211	4.211	(0.918)	470256	50.0000	50
6 2,4-Dimethylphenol	122	4.305	4.305	(0.938)	675312	50.0000	50
29 bis(2-Chloroethoxy)methane	93	4.388	4.388	(0.956)	863207	50.0000	50
7 2,4-Dichlorophenol	162	4.476	4.476	(0.976)	614043	50.0000	50
30 1,2,4-Trichlorobenzene	180	4.540	4.540	(0.990)	819787	50.0000	50
* 80 Naphthalene-d8	136	4.588	4.588	(1.000)	1957100	40.0000	
31 Naphthalene	128	4.605	4.605	(1.004)	2649365	50.0000	50
32 4-Chloroaniline	127	4.688	4.688	(1.022)	775568	50.0000	50
33 Hexachlorobutadiene	225	4.758	4.758	(1.037)	481912	50.0000	50
111 Caprolactam	113	5.082	5.082	(1.108)	153477	50.0000	50
8 4-Chloro-3-methylphenol	107	5.229	5.229	(1.140)	499047	50.0000	50
34 2-Methylnaphthalene	142	5.305	5.305	(1.156)	1576542	50.0000	50
120 1-Methylnaphthalene	142	5.405	5.405	(1.178)	1537404	50.0000	50
35 Hexachlorocyclopentadiene	237	5.482	5.482	(0.866)	391189	50.0000	50
9 2,4,6-Trichlorophenol	196	5.611	5.611	(0.887)	363660	50.0000	50
10 2,4,5-Trichlorophenol	196	5.658	5.658	(0.894)	363379	50.0000	50
\$ 77 2-Fluorobiphenyl (SUR)	172	5.693	5.693	(0.900)	1496478	50.0000	50
102 Diphenyl	154	5.782	5.782	(0.914)	1670186	50.0000	50
36 2-Chloronaphthalene	162	5.787	5.787	(0.914)	1268629	50.0000	50
103 Diphenyl Ether	170	5.887	5.887	(0.930)	914604	50.0000	50
37 2-Nitroaniline	65	5.911	5.911	(0.934)	286088	50.0000	50
38 Dimethylphthalate	163	6.117	6.117	(0.967)	1138726	50.0000	50
114 Coumarin	146	6.105	6.105	(1.331)	347819	50.0000	50
40 2,6-Dinitrotoluene	165	6.164	6.164	(0.974)	252628	50.0000	50
39 Acenaphthylene	152	6.187	6.187	(0.978)	1840101	50.0000	50
41 3-Nitroaniline	138	6.317	6.317	(0.998)	212607	50.0000	50
* 82 Acenaphthene-d10	164	6.329	6.329	(1.000)	794152	40.0000	
42 Acenaphthene	154	6.358	6.358	(1.005)	1118994	50.0000	50
11 2,4-Dinitrophenol	184	6.429	6.429	(1.016)	104269	50.0000	50
12 4-Nitrophenol	65	6.534	6.534	(1.033)	135521	50.0000	50
44 2,4-Dinitrotoluene	165	6.552	6.552	(1.035)	295143	50.0000	50
43 Dibenzofuran	168	6.529	6.529	(1.032)	1537153	50.0000	50

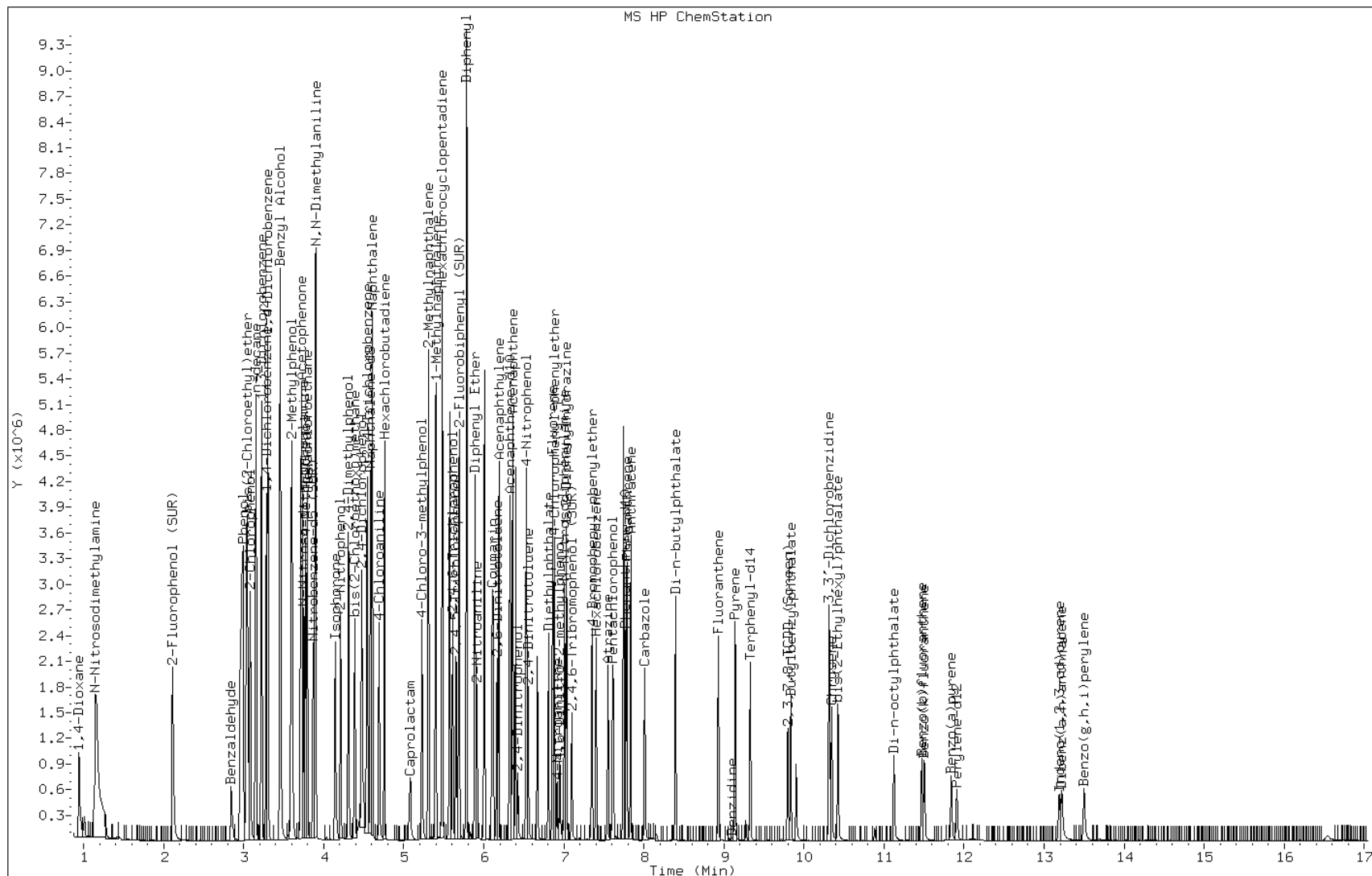
Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19324.d
 Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
45 Diethylphthalate	149	6.811	6.811	(1.076)	1026785	50.0000	50
46 4-Chlorophenyl-phenylether	204	6.882	6.882	(1.087)	566281	50.0000	50
47 Fluorene	166	6.864	6.864	(1.085)	1206107	50.0000	50
48 4-Nitroaniline	138	6.917	6.917	(1.093)	137722	50.0000	50(M)
13 4,6-Dinitro-2-methylphenol	198	6.952	6.952	(0.895)	142906	50.0000	50
49 N-Nitrosodiphenylamine	169	7.005	7.005	(0.902)	694064	50.0000	50
75 1,2-Diphenylhydrazine	77	7.034	7.034	(0.906)	1182789	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.099	7.099	(1.122)	165291	50.0000	50
50 4-Bromophenyl-phenylether	248	7.352	7.352	(0.947)	296702	50.0000	50
51 Hexachlorobenzene	284	7.399	7.399	(0.953)	314659	50.0000	50
112 Atrazine	200	7.552	7.552	(0.973)	218431	50.0000	50
14 Pentachlorophenol	266	7.605	7.605	(0.980)	148383	50.0000	50
* 83 Phenanthrene-d10	188	7.764	7.764	(1.000)	867471	40.0000	
52 Phenanthrene	178	7.787	7.787	(1.003)	1282453	50.0000	50
53 Anthracene	178	7.834	7.834	(1.009)	1292848	50.0000	50
54 Carbazole	167	8.005	8.005	(1.031)	914587	50.0000	50
55 Di-n-butylphthalate	149	8.393	8.393	(1.081)	1297248	50.0000	50
56 Fluoranthene	202	8.934	8.934	(1.151)	989730	50.0000	50
58 Benzidine	184	9.105	9.105	(1.173)	25696	50.0000	50
57 Pyrene	202	9.140	9.140	(0.885)	950099	50.0000	50
\$ 78 Terphenyl-d14	244	9.328	9.328	(0.904)	634526	50.0000	50
59 Butylbenzylphthalate	149	9.834	9.834	(0.953)	365143	50.0000	50
109 2,3,7,8-TCDD (Screen)	320	9.799	9.799	(0.949)	8146	0.50000	0.50
60 3,3'-Dichlorobenzidine	252	10.317	10.317	(0.999)	175200	50.0000	50
61 Benzo(a)anthracene	228	10.317	10.317	(0.999)	619737	50.0000	50
* 81 Chrysene-d12	240	10.322	10.322	(1.000)	411359	40.0000	
62 Chrysene	228	10.346	10.346	(1.002)	594268	50.0000	50
63 bis(2-Ethylhexyl)phthalate	149	10.422	10.422	(1.010)	484354	50.0000	50
64 Di-n-octylphthalate	149	11.128	11.128	(0.934)	661836	50.0000	50
65 Benzo(b)fluoranthene	252	11.469	11.469	(0.963)	476404	50.0000	50
66 Benzo(k)fluoranthene	252	11.499	11.499	(0.965)	520615	50.0000	50
67 Benzo(a)pyrene	252	11.840	11.840	(0.994)	411343	50.0000	50
* 84 Perylene-d12	264	11.911	11.911	(1.000)	327389	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.193	13.193	(1.108)	361910	50.0000	50
69 Dibenz(a,h)anthracene	278	13.222	13.222	(1.110)	373077	50.0000	50
70 Benzo(g,h,i)perylene	276	13.499	13.499	(1.133)	406161	50.0000	50(H)

QC Flag Legend

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

Operator: BNAMS 4

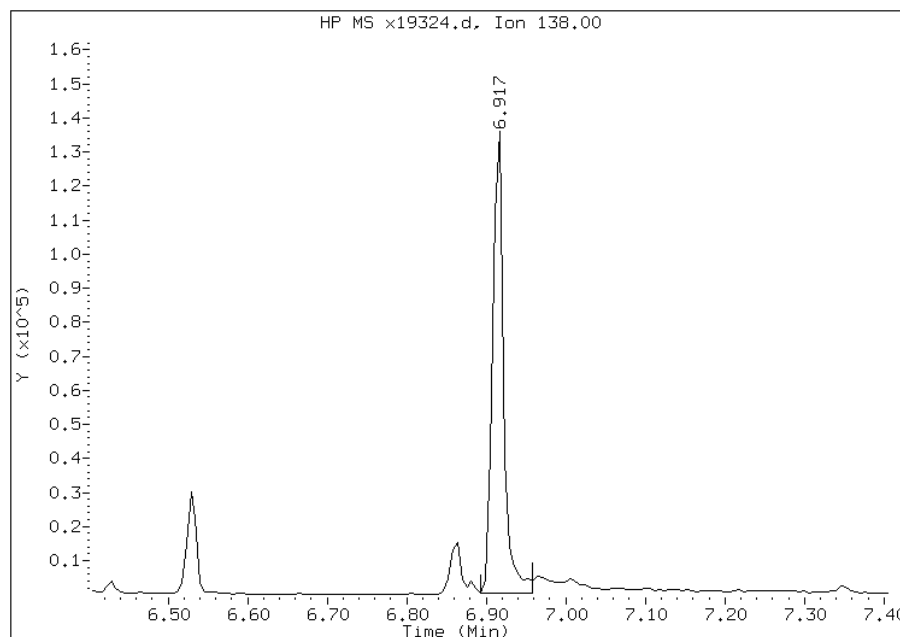


Manual Integration Report

Data File: x19324.d
Inj. Date and Time: 05-NOV-2011 04:21
Instrument ID: BNAMS5.i
Client ID:
Compound: 48 4-Nitroaniline
CAS #: 100-01-6
Report Date: 11/10/2011

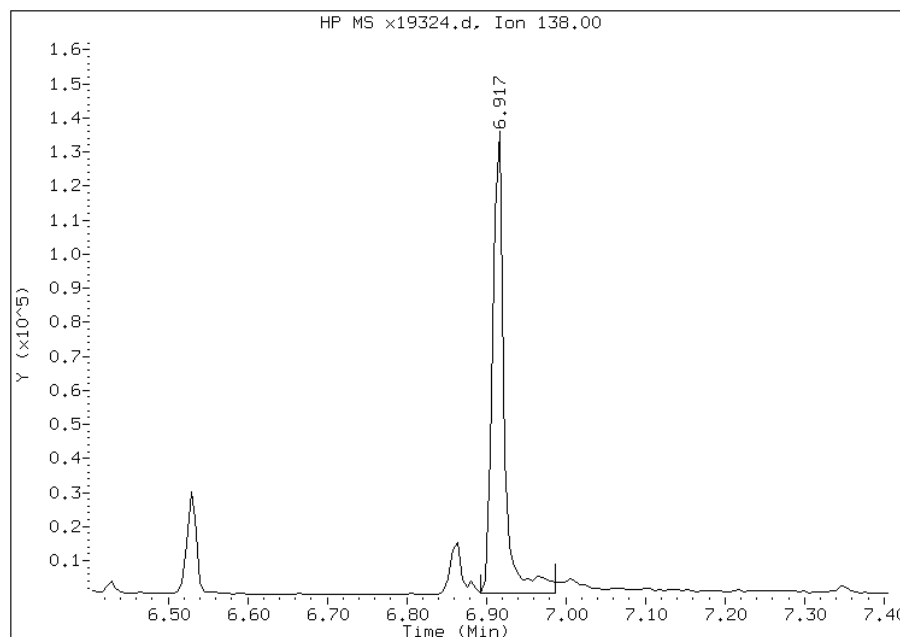
Processing Integration Results

RT: 6.92
Response: 131243
Amount: 45
Conc: 45



Manual Integration Results

RT: 6.92
Response: 137722
Amount: 50
Conc: 50



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19325.d
 Report Date: 10-Nov-2011 08:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19325.d
 Lab Smp Id: IC-1204237
 Inj Date : 05-NOV-2011 05:01
 Operator : BNAMS 4
 Smp Info : IC-1204237
 Misc Info : 120 ppm bna 4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/8270Cdel_08.m
 Meth Date : 10-Nov-2011 08:37 asfawa
 Cal Date : 05-NOV-2011 04:21
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19324.d

Calibration Sample, Level: 5

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				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	1.117	1.117	(0.338)	968161	120.000	120(M)
19 N-Nitrosodimethylamine	74	1.276	1.276	(0.386)	1236014	120.000	120(M)
71 Pyridine	79	1.294	1.294	(0.391)	2111367	120.000	110(M)
\$ 16 2-Fluorophenol (SUR)	112	2.199	2.199	(0.665)	1851797	120.000	120
110 Benzaldehyde	77	2.894	2.894	(0.875)	190113	120.000	78
\$ 17 Phenol-d5 (SUR)	99	2.999	2.999	(0.907)	2012302	120.000	120
1 Phenol	94	3.017	3.017	(0.913)	2293382	120.000	120(A)
73 Aniline	93	3.035	3.035	(0.918)	2476017	120.000	110(M)
20 bis(2-Chloroethyl)ether	93	3.082	3.082	(0.932)	2218757	120.000	120(A)
2 2-Chlorophenol	128	3.123	3.123	(0.945)	2014825	120.000	120
113 n-decane	43	3.170	3.170	(0.959)	2706931	120.000	120(A)
21 1,3-Dichlorobenzene	146	3.252	3.252	(0.984)	2732374	120.000	120
* 79 1,4-Dichlorobenzene-d4	152	3.305	3.305	(1.000)	566105	40.0000	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19325.d
 Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.323	3.323	(1.005)	2769051	120.000	120
74 Benzyl Alcohol	108	3.476	3.476	(1.052)	885653	120.000	100
23 1,2-Dichlorobenzene	146	3.476	3.476	(1.052)	2515976	120.000	120
3 2-Methylphenol	108	3.617	3.617	(1.094)	1567140	120.000	120
122 0-Toluidine	107	3.723	3.723	(1.126)	2198992	120.000	120
24 bis (2-chloroisopropyl) ether	45	3.611	3.611	(1.093)	2606760	120.000	110
104 Acetophenone	105	3.746	3.746	(1.133)	2511154	120.000	120
4 4-Methylphenol	108	3.799	3.799	(1.149)	1559169	120.000	120(A)
121 3 & 4 Methylphenol	108	3.799	3.799	(1.149)	1559169	120.000	120(A)
25 N-Nitroso-di-n-propylamine	70	3.770	3.770	(1.141)	1119500	120.000	110(M)
26 Hexachloroethane	117	3.805	3.805	(1.151)	959999	120.000	120
\$ 76 Nitrobenzene-d5 (SUR)	82	3.888	3.888	(0.846)	1944051	120.000	120(A)
107 N,N-Dimethylaniline	120	3.917	3.917	(1.185)	3057503	120.000	120
27 Nitrobenzene	77	3.917	3.917	(0.853)	2513675	120.000	120
28 Isophorone	82	4.158	4.158	(0.905)	2596017	120.000	110
5 2-Nitrophenol	139	4.223	4.223	(0.919)	1074908	120.000	120(A)
6 2,4-Dimethylphenol	122	4.323	4.323	(0.941)	1470395	120.000	120
29 bis(2-Chloroethoxy)methane	93	4.399	4.399	(0.958)	1797847	120.000	120
7 2,4-Dichlorophenol	162	4.482	4.482	(0.976)	1328248	120.000	120
30 1,2,4-Trichlorobenzene	180	4.546	4.546	(0.990)	1744347	120.000	120
* 80 Naphthalene-d8	136	4.593	4.593	(1.000)	1802373	40.0000	
31 Naphthalene	128	4.611	4.611	(1.004)	5721278	120.000	120
32 4-Chloroaniline	127	4.699	4.699	(1.023)	1478831	120.000	110
33 Hexachlorobutadiene	225	4.758	4.758	(1.036)	1039860	120.000	120
111 Caprolactam	113	5.140	5.140	(1.119)	291196	120.000	110(H)
8 4-Chloro-3-methylphenol	107	5.246	5.246	(1.142)	1031273	120.000	120
34 2-Methylnaphthalene	142	5.311	5.311	(1.156)	3243973	120.000	120
120 1-Methylnaphthalene	142	5.411	5.411	(1.178)	3346677	120.000	120
35 Hexachlorocyclopentadiene	237	5.482	5.482	(0.866)	906566	120.000	130(A)
9 2,4,6-Trichlorophenol	196	5.623	5.623	(0.888)	856101	120.000	130(A)
10 2,4,5-Trichlorophenol	196	5.664	5.664	(0.895)	716382	120.000	120(A)
\$ 77 2-Fluorobiphenyl (SUR)	172	5.699	5.699	(0.901)	2763136	120.000	120
102 Diphenyl	154	5.787	5.787	(0.914)	3106955	120.000	120
36 2-Chloronaphthalene	162	5.793	5.793	(0.915)	2099397	120.000	110
103 Diphenyl Ether	170	5.893	5.893	(0.931)	1696193	120.000	120
37 2-Nitroaniline	65	5.923	5.923	(0.936)	476058	120.000	110
38 Dimethylphthalate	163	6.123	6.123	(0.967)	2181840	120.000	120
114 Coumarin	146	6.117	6.117	(1.332)	691734	120.000	110
40 2,6-Dinitrotoluene	165	6.170	6.170	(0.975)	518481	120.000	120(A)
39 Acenaphthylene	152	6.193	6.193	(0.979)	3288764	120.000	120
41 3-Nitroaniline	138	6.329	6.329	(1.000)	379641	120.000	120
* 82 Acenaphthene-d10	164	6.329	6.329	(1.000)	637301	40.0000	
42 Acenaphthene	154	6.364	6.364	(1.006)	2004733	120.000	120
11 2,4-Dinitrophenol	184	6.434	6.434	(1.017)	235483	120.000	130(A)
12 4-Nitrophenol	65	6.546	6.546	(1.034)	291764	120.000	130(A)
44 2,4-Dinitrotoluene	165	6.558	6.558	(1.036)	575926	120.000	120(A)
43 Dibenzofuran	168	6.534	6.534	(1.033)	2781629	120.000	120

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19325.d
 Report Date: 10-Nov-2011 08:37

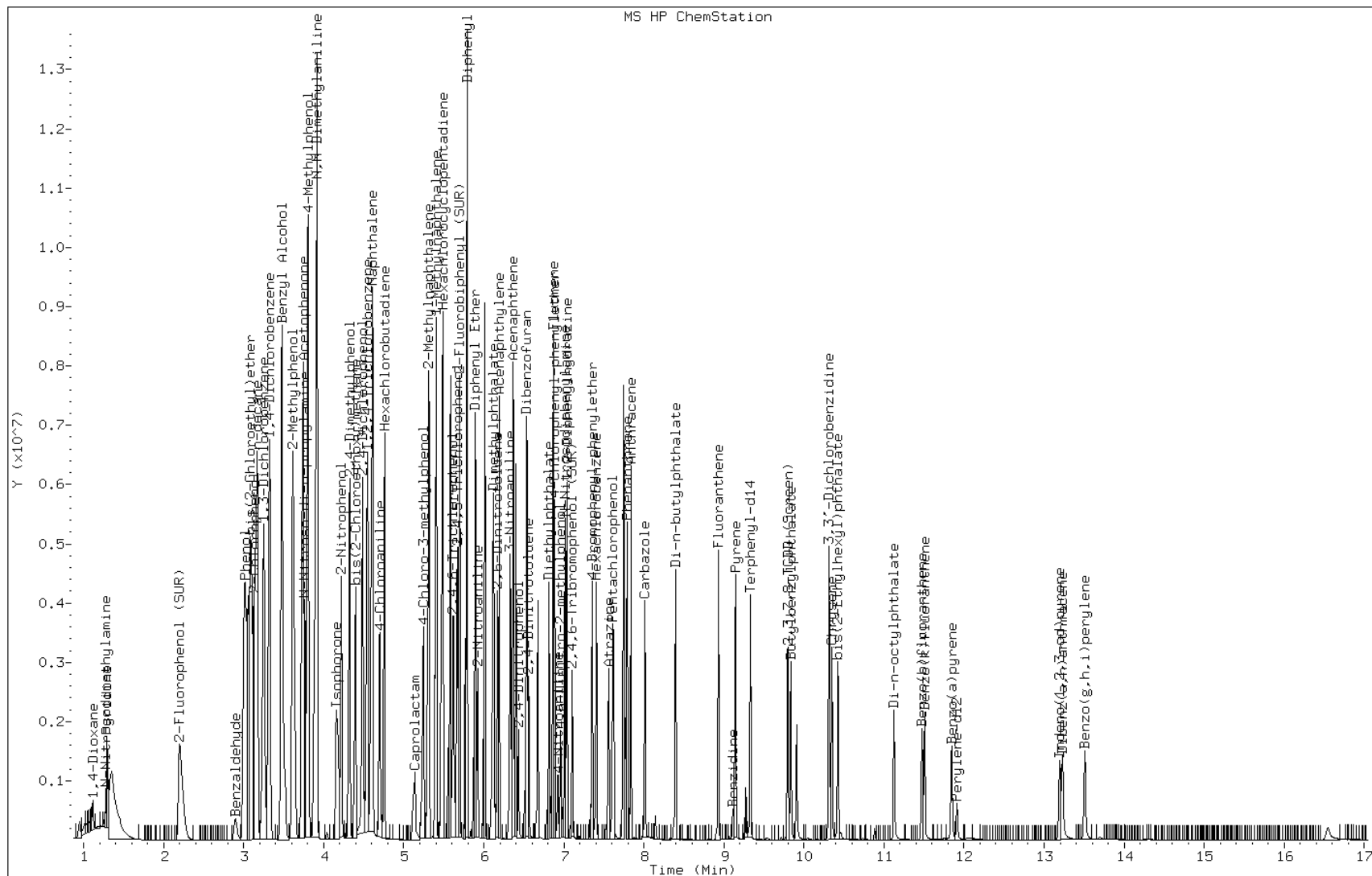
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL -AMT (ug/ml)	ON -COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
45 Diethylphthalate	149	6.817	6.817	(1.077)	1828590	120.000	120
46 4-Chlorophenyl-phenylether	204	6.887	6.887	(1.088)	1132248	120.000	120(A)
47 Fluorene	166	6.870	6.870	(1.085)	2172137	120.000	120
48 4-Nitroaniline	138	6.929	6.929	(1.095)	253158	120.000	120
13 4,6-Dinitro-2-methylphenol	198	6.958	6.958	(0.896)	277393	120.000	120
49 N-Nitrosodiphenylamine	169	7.011	7.011	(0.903)	1322467	120.000	120
75 1,2-Diphenylhydrazine	77	7.040	7.040	(0.907)	2095026	120.000	110
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.105	7.105	(1.123)	306013	120.000	120
50 4-Bromophenyl-phenylether	248	7.352	7.352	(0.947)	541992	120.000	120
51 Hexachlorobenzene	284	7.405	7.405	(0.954)	611402	120.000	120
112 Atrazine	200	7.564	7.564	(0.974)	422702	120.000	120
14 Pentachlorophenol	266	7.611	7.611	(0.980)	291489	120.000	120(A)
* 83 Phenanthrene-d10	188	7.764	7.764	(1.000)	705209	40.0000	
52 Phenanthrene	178	7.793	7.793	(1.004)	2330743	120.000	120
53 Anthracene	178	7.840	7.840	(1.010)	2335519	120.000	120
54 Carbazole	167	8.011	8.011	(1.032)	1642381	120.000	120
55 Di-n-butylphthalate	149	8.393	8.393	(1.081)	2405816	120.000	120
56 Fluoranthene	202	8.934	8.934	(1.151)	1790249	120.000	120
58 Benzidine	184	9.105	9.105	(1.173)	41376	120.000	110
57 Pyrene	202	9.146	9.146	(0.886)	1762785	120.000	110
\$ 78 Terphenyl-d14	244	9.334	9.334	(0.904)	1290917	120.000	120(A)
59 Butylbenzylphthalate	149	9.834	9.834	(0.953)	680928	120.000	110
109 2,3,7,8-TCDD (Screen)	320	9.799	9.799	(0.949)	20252	120.000	1.5
60 3,3'-Dichlorobenzidine	252	10.317	10.317	(0.999)	340579	120.000	120(A)
61 Benzo(a)anthracene	228	10.317	10.317	(0.999)	1206491	120.000	120
* 81 Chrysene-d12	240	10.322	10.322	(1.000)	347716	40.0000	
62 Chrysene	228	10.352	10.352	(1.003)	1136403	120.000	120
63 bis(2-Ethylhexyl)phthalate	149	10.422	10.422	(1.010)	935299	120.000	120
64 Di-n-octylphthalate	149	11.128	11.128	(0.934)	1301234	120.000	110
65 Benzo(b)fluoranthene	252	11.475	11.475	(0.963)	991306	120.000	120
66 Benzo(k)fluoranthene	252	11.505	11.505	(0.966)	1139135	120.000	120
67 Benzo(a)pyrene	252	11.846	11.846	(0.995)	882065	120.000	120
* 84 Perylene-d12	264	11.911	11.911	(1.000)	302742	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.199	13.199	(1.108)	895912	120.000	130(A)
69 Dibenz(a,h)anthracene	278	13.234	13.234	(1.111)	918830	120.000	130(A)
70 Benzo(g,h,i)perylene	276	13.510	13.510	(1.134)	984196	120.000	120(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.

Instrument: BNAMS5.i

Operator: BNAMS 4

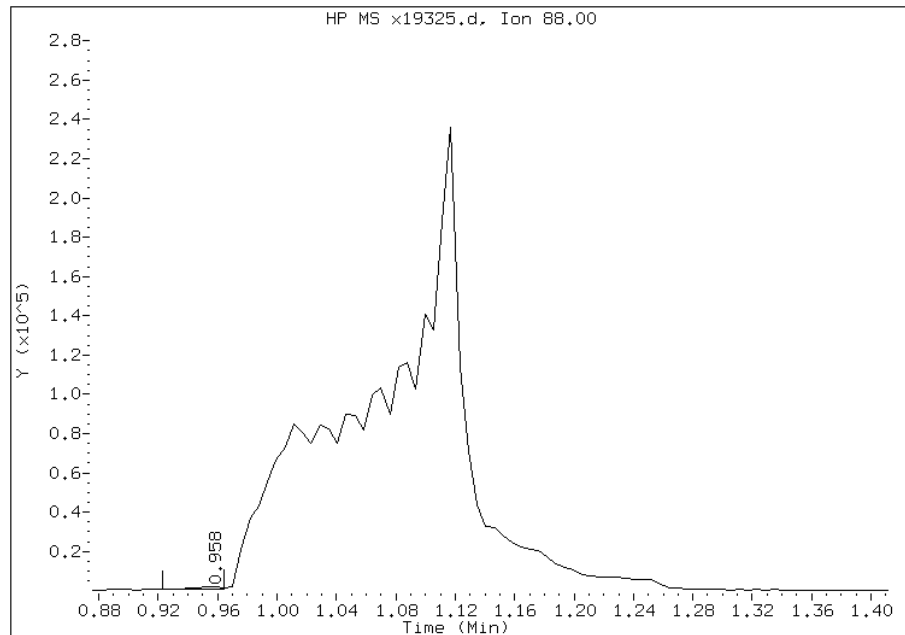


Manual Integration Report

Data File: x19325.d
Inj. Date and Time: 05-NOV-2011 05:01
Instrument ID: BNAMS5.i
Client ID:
Compound: 106 1,4-Dioxane
CAS #: 123-91-1
Report Date: 11/10/2011

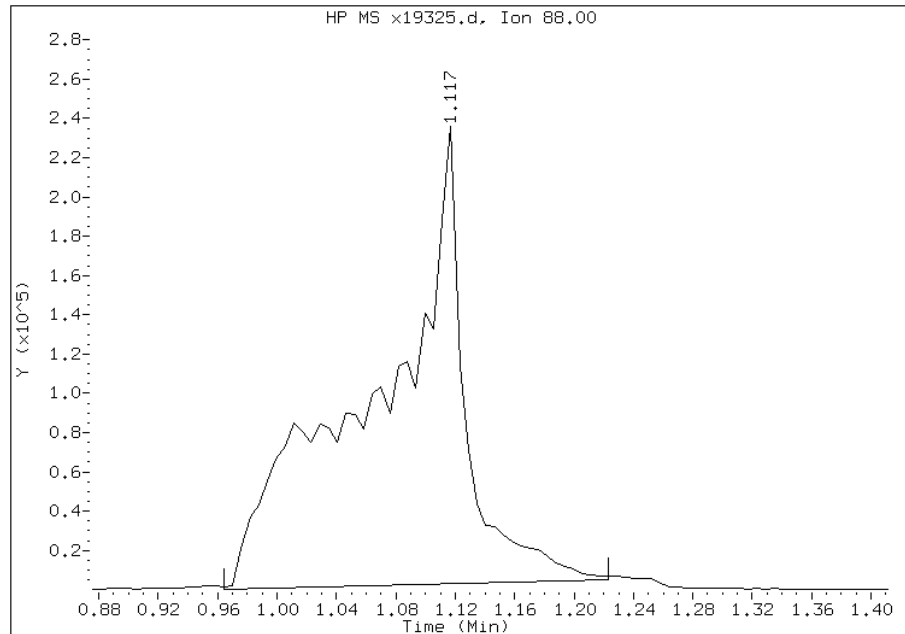
Processing Integration Results

RT: 0.96
Response: 1839
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.12
Response: 968161
Amount: 119
Conc: 119



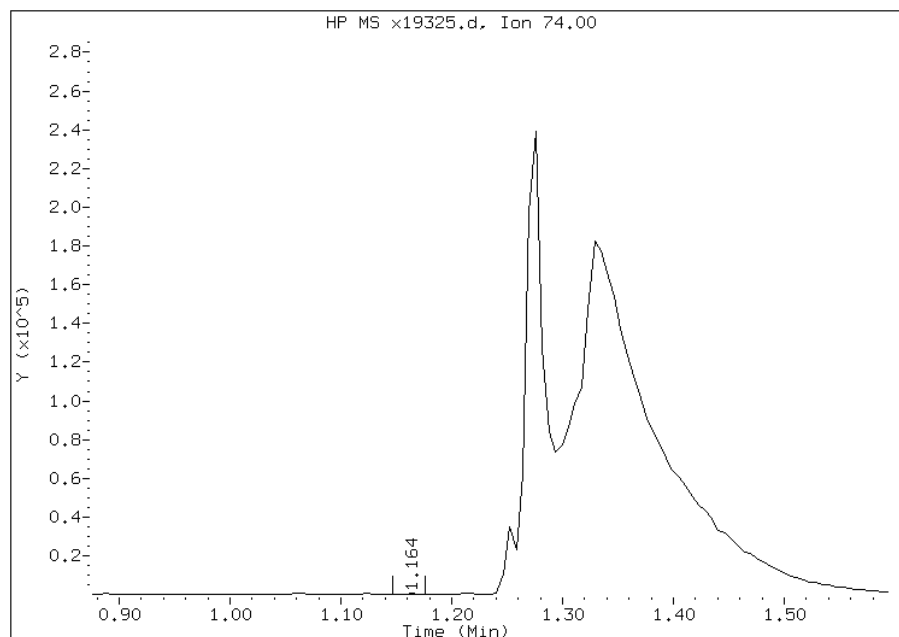
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x19325.d
Inj. Date and Time: 05-NOV-2011 05:01
Instrument ID: BNAMS5.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 11/10/2011

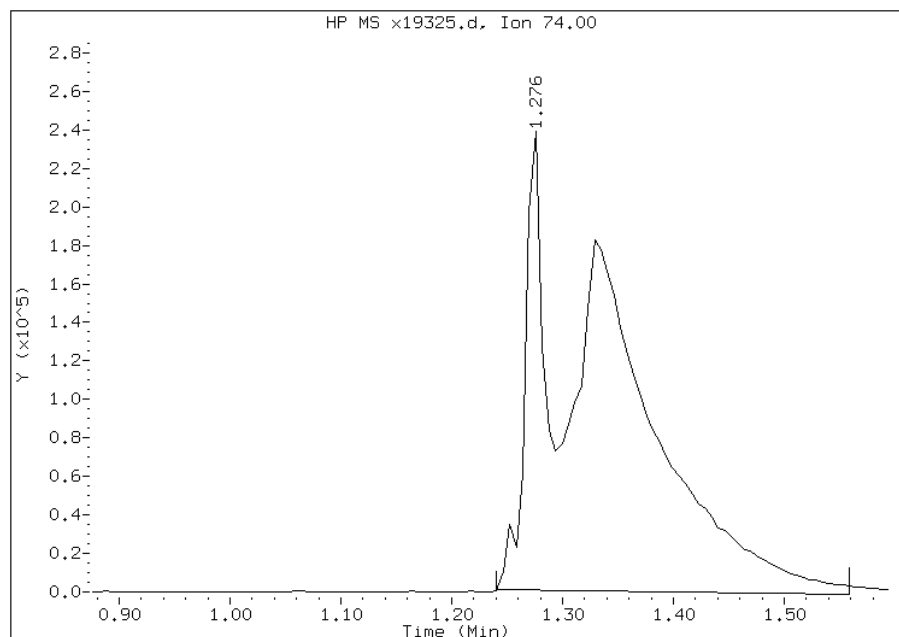
Processing Integration Results

RT: 1.16
Response: 249
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.28
Response: 1236014
Amount: 116
Conc: 116



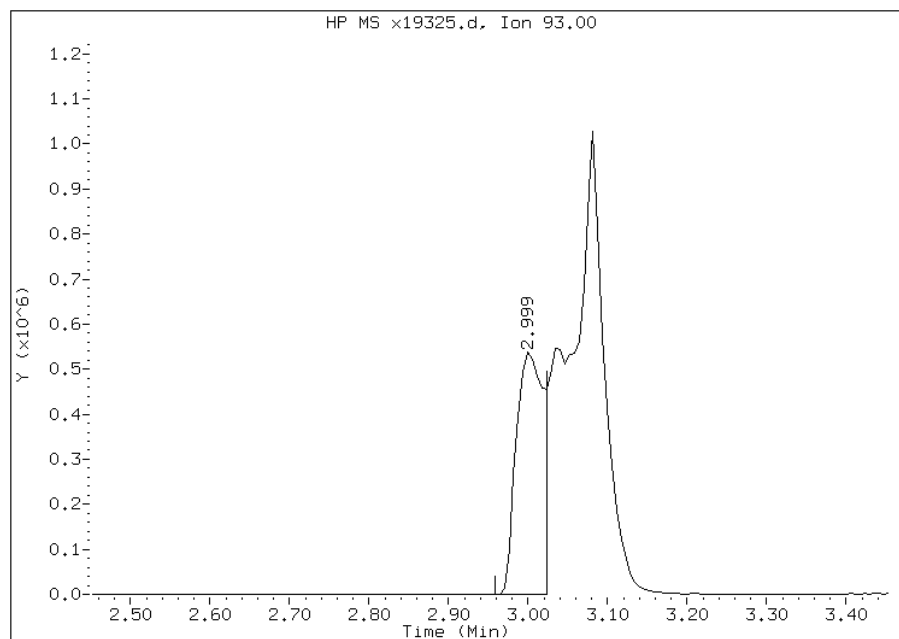
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x19325.d
Inj. Date and Time: 05-NOV-2011 05:01
Instrument ID: BNAMS5.i
Client ID:
Compound: 73 Aniline
CAS #: 62-53-3
Report Date: 11/10/2011

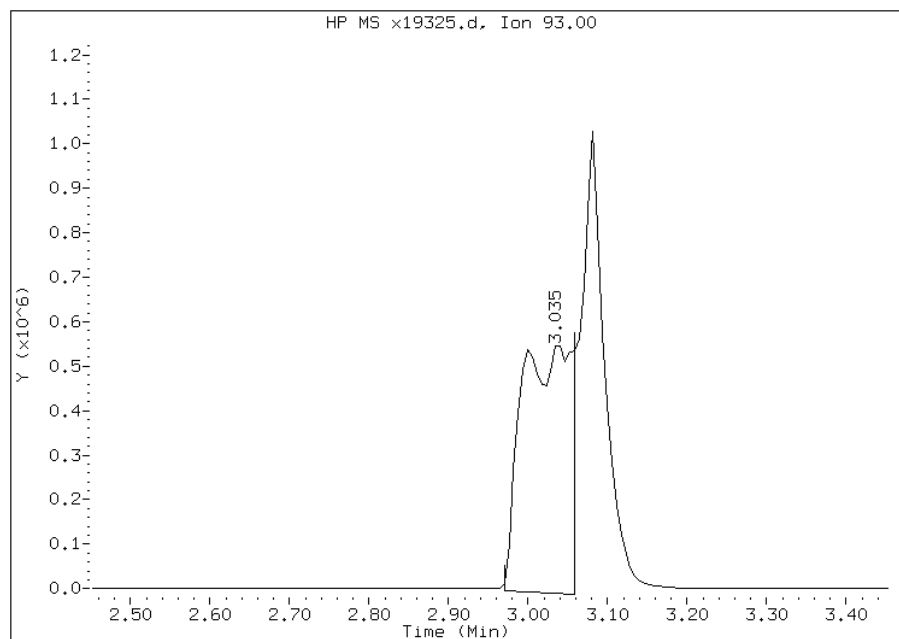
Processing Integration Results

RT: 3.00
Response: 1314387
Amount: 9
Conc: 9



Manual Integration Results

RT: 3.03
Response: 2476017
Amount: 114
Conc: 114



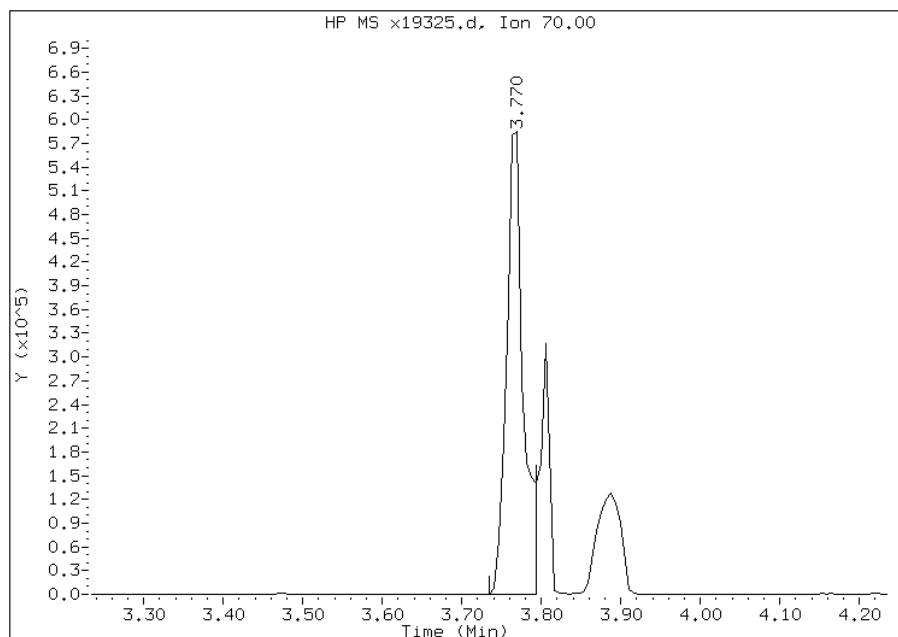
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x19325.d
Inj. Date and Time: 05-NOV-2011 05:01
Instrument ID: BNAMS5.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 11/10/2011

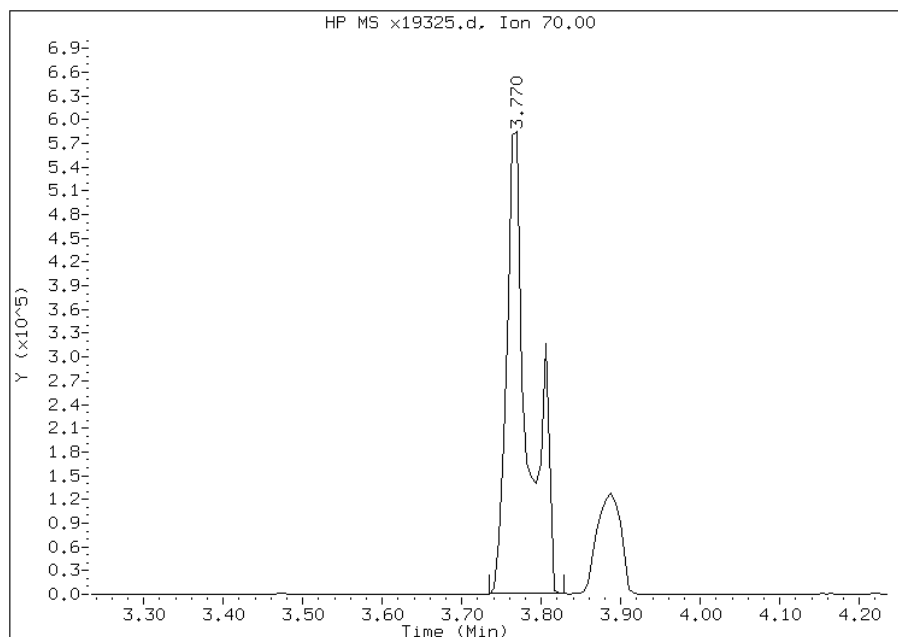
Processing Integration Results

RT: 3.77
Response: 890640
Amount: 55
Conc: 55



Manual Integration Results

RT: 3.77
Response: 1119500
Amount: 113
Conc: 113



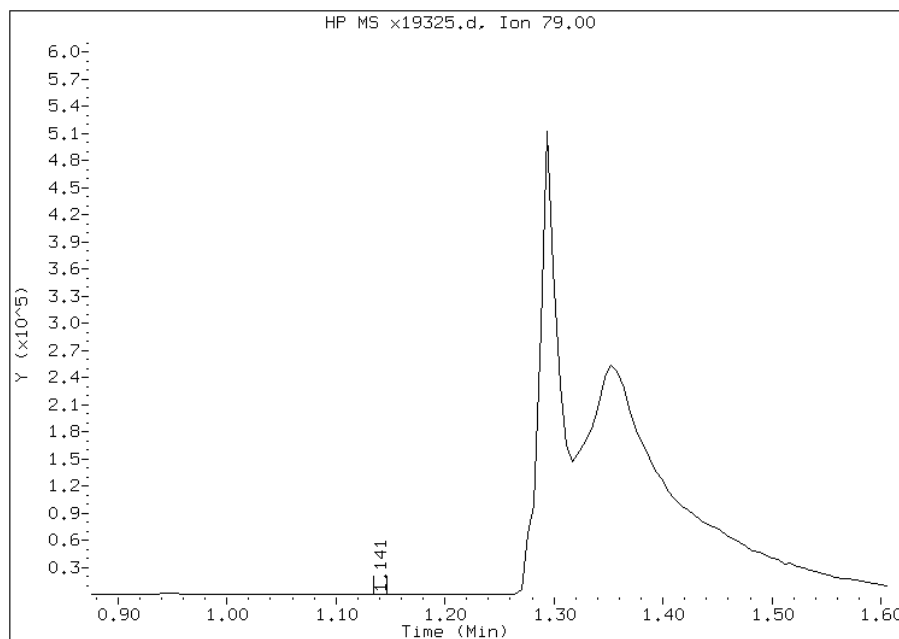
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x19325.d
Inj. Date and Time: 05-NOV-2011 05:01
Instrument ID: BNAMS5.i
Client ID:
Compound: 71 Pyridine
CAS #: 110-86-1
Report Date: 11/10/2011

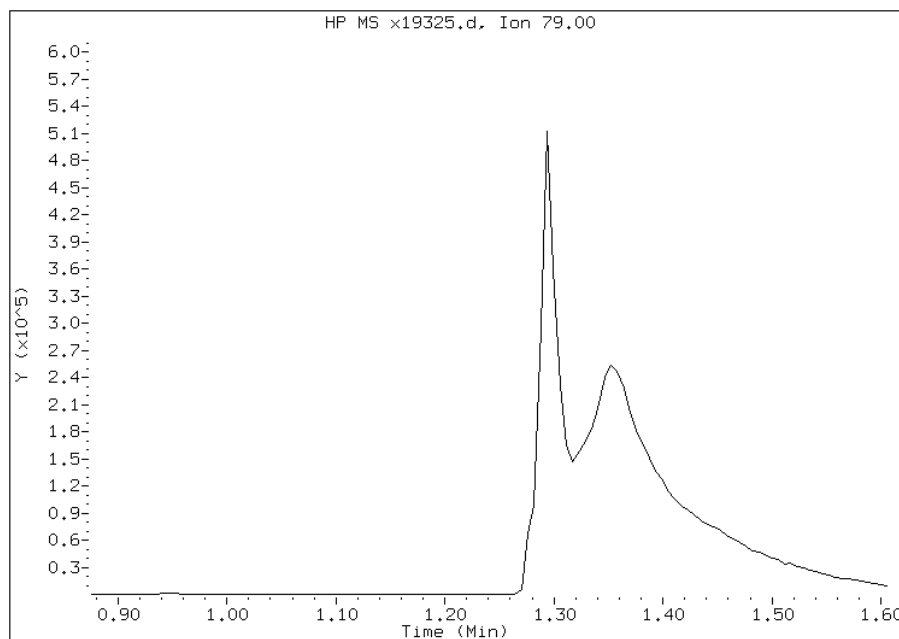
Processing Integration Results

RT: 1.14
Response: 55
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.29
Response: 2111367
Amount: 115
Conc: 115



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19326.d
 Report Date: 10-Nov-2011 08:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19326.d
 Lab Smp Id: IC-1204183
 Inj Date : 05-NOV-2011 05:24
 Operator : BNAMS 4
 Smp Info : IC-1204183
 Misc Info : 5 ppm bna 4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/8270Cdel_08.m
 Meth Date : 10-Nov-2011 08:37 asfawa
 Cal Date : 05-NOV-2011 04:21
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19324.d

Calibration Sample, Level: 1

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				RESPONSE	AMOUNTS	
	MASS	RT	EXP RT	REL RT		CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	0.923	0.923	(0.282)	38907	5.00000	4.7(a)
19 N-Nitrosodimethylamine	74	1.105	1.105	(0.337)	52698	5.00000	4.8(a)
71 Pyridine	79	1.123	1.123	(0.343)	90538	5.00000	4.8(a)
\$ 16 2-Fluorophenol (SUR)	112	2.088	2.088	(0.637)	84194	5.00000	5.0
110 Benzaldehyde	77	2.835	2.835	(0.865)	49048	5.00000	9.9
\$ 17 Phenol-d5 (SUR)	99	2.958	2.958	(0.903)	101654	5.00000	5.4
1 Phenol	94	2.970	2.970	(0.907)	101676	5.00000	5.2
73 Aniline	93	2.952	2.952	(0.901)	116358	5.00000	5.1
20 bis(2-Chloroethyl)ether	93	3.029	3.029	(0.925)	9032	0.50000	0.49(a)
2 2-Chlorophenol	128	3.070	3.070	(0.937)	95336	5.00000	5.2
113 n-decane	43	3.152	3.152	(0.962)	108736	5.00000	4.8(a)
21 1,3-Dichlorobenzene	146	3.217	3.217	(0.982)	113079	5.00000	4.8(a)
* 79 1,4-Dichlorobenzene-d4	152	3.276	3.276	(1.000)	585295	40.0000	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19326.d
 Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.294	3.294	(1.005)	117341	5.00000	4.9(a)
74 Benzyl Alcohol	108	3.446	3.446	(1.052)	46453	5.00000	5.1
23 1,2-Dichlorobenzene	146	3.452	3.452	(1.054)	106985	5.00000	4.9(a)
3 2-Methylphenol	108	3.594	3.594	(1.097)	76314	5.00000	5.4
122 O-Toluidine	107	3.705	3.705	(1.131)	95411	5.00000	5.0
24 bis (2-chloroisopropyl) ether	45	3.594	3.594	(1.097)	123124	5.00000	5.1
104 Acetophenone	105	3.711	3.711	(1.133)	114900	5.00000	5.2
4 4-Methylphenol	108	3.758	3.758	(1.147)	72021	5.00000	5.2
121 3 & 4 Methylphenol	108	3.758	3.758	(1.147)	72021	5.00000	5.2
25 N-Nitroso-di-n-propylamine	70	3.735	3.735	(1.140)	5058	0.50000	0.49(aH)
26 Hexachloroethane	117	3.794	3.794	(1.158)	4017	0.50000	0.48(a)
\$ 76 Nitrobenzene-d5 (SUR)	82	3.858	3.858	(0.842)	89926	5.00000	5.0
107 N,N-Dimethylaniline	120	3.894	3.894	(1.189)	10339	0.50000	0.41(a)
27 Nitrobenzene	77	3.882	3.882	(0.847)	11919	0.50000	0.49(a)
28 Isophorone	82	4.129	4.129	(0.901)	134231	5.00000	5.2
5 2-Nitrophenol	139	4.211	4.211	(0.919)	42286	5.00000	4.5(a)
6 2,4-Dimethylphenol	122	4.299	4.299	(0.938)	69810	5.00000	5.0
29 bis(2-Chloroethoxy)methane	93	4.382	4.382	(0.956)	84407	5.00000	4.9(a)
7 2,4-Dichlorophenol	162	4.470	4.470	(0.976)	58594	5.00000	4.8(a)
30 1,2,4-Trichlorobenzene	180	4.535	4.535	(0.990)	8098	0.50000	0.49(a)
* 80 Naphthalene-d8	136	4.582	4.582	(1.000)	2011705	40.0000	
31 Naphthalene	128	4.599	4.599	(1.004)	256426	5.00000	4.8(a)
32 4-Chloroaniline	127	4.688	4.688	(1.023)	77330	5.00000	5.1
33 Hexachlorobutadiene	225	4.758	4.758	(1.038)	10360	1.00000	1.0
111 Caprolactam	113	5.017	5.017	(1.095)	12503	5.00000	4.5(aH)
8 4-Chloro-3-methylphenol	107	5.223	5.223	(1.140)	54729	5.00000	5.3
34 2-Methylnaphthalene	142	5.305	5.305	(1.158)	157381	5.00000	5.0
120 1-Methylnaphthalene	142	5.399	5.399	(1.178)	155713	5.00000	5.0(a)
35 Hexachlorocyclopentadiene	237	5.476	5.476	(0.866)	32116	5.00000	3.7(a)
9 2,4,6-Trichlorophenol	196	5.611	5.611	(0.887)	38109	5.00000	4.4(a)
10 2,4,5-Trichlorophenol	196	5.652	5.652	(0.894)	38815	5.00000	4.8(a)
\$ 77 2-Fluorobiphenyl (SUR)	172	5.688	5.688	(0.900)	166148	5.00000	5.0
102 Diphenyl	154	5.776	5.776	(0.913)	175407	5.00000	4.8(a)
36 2-Chloronaphthalene	162	5.782	5.782	(0.914)	133044	5.00000	5.0
103 Diphenyl Ether	170	5.888	5.888	(0.931)	93465	5.00000	4.7(a)
37 2-Nitroaniline	65	5.905	5.905	(0.934)	59040	10.0000	9.9(a)
38 Dimethylphthalate	163	6.105	6.105	(0.966)	122611	5.00000	4.8(a)
114 Coumarin	146	6.093	6.093	(1.330)	34859	5.00000	5.1
40 2,6-Dinitrotoluene	165	6.158	6.158	(0.974)	4894	1.00000	0.88(a)
39 Acenaphthylene	152	6.182	6.182	(0.978)	202119	5.00000	5.0
41 3-Nitroaniline	138	6.311	6.311	(0.998)	48571	10.0000	10
* 82 Acenaphthene-d10	164	6.323	6.323	(1.000)	895862	40.0000	
42 Acenaphthene	154	6.352	6.352	(1.005)	119223	5.00000	4.9(a)
11 2,4-Dinitrophenol	184	6.423	6.423	(1.016)	22704	15.0000	10(aM)
12 4-Nitrophenol	65	6.535	6.535	(1.033)	36384	15.0000	12(a)
44 2,4-Dinitrotoluene	165	6.558	6.558	(1.037)	6055	1.00000	0.93(a)
43 Dibenzofuran	168	6.523	6.523	(1.032)	167068	5.00000	5.0

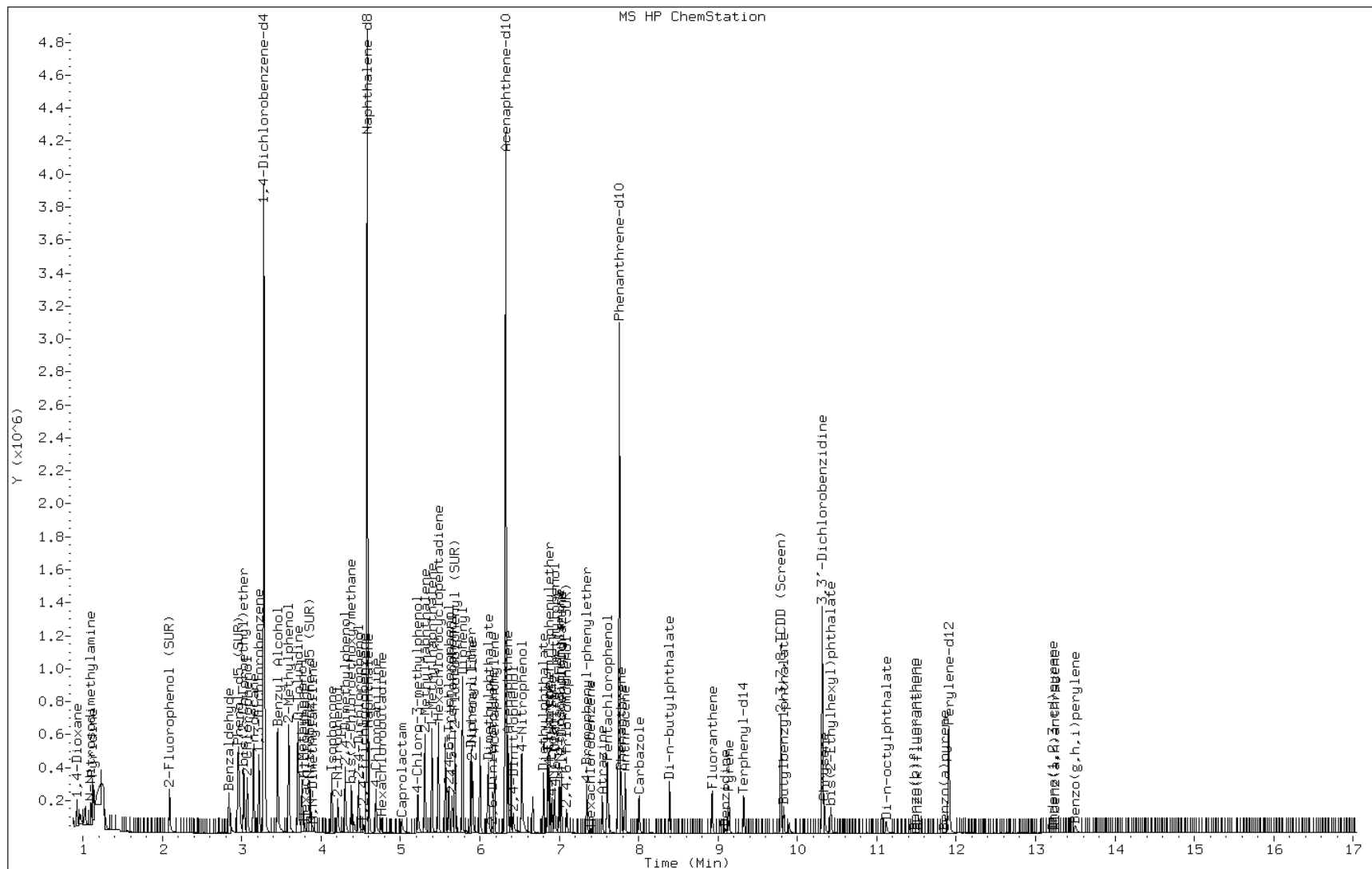
Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19326.d
 Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
45 Diethylphthalate	149	6.799	6.799	(1.075)	113204	5.00000	5.0
46 4-Chlorophenyl-phenylether	204	6.876	6.876	(1.087)	62629	5.00000	4.9(a)
47 Fluorene	166	6.858	6.858	(1.085)	129079	5.00000	4.9(a)
48 4-Nitroaniline	138	6.905	6.905	(1.092)	36276	10.0000	11
13 4,6-Dinitro-2-methylphenol	198	6.940	6.940	(0.895)	36909	15.0000	12(a)
49 N-Nitrosodiphenylamine	169	6.999	6.999	(0.902)	73616	5.00000	4.7(a)
75 1,2-Diphenylhydrazine	77	7.029	7.029	(0.906)	107653	5.00000	4.4(a)
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.093	7.093	(1.122)	17342	5.00000	4.8(a)
50 4-Bromophenyl-phenylether	248	7.346	7.346	(0.947)	32629	5.00000	4.9(a)
51 Hexachlorobenzene	284	7.399	7.399	(0.954)	3681	0.50000	0.50
112 Atrazine	200	7.540	7.540	(0.972)	23175	5.00000	4.7(a)
14 Pentachlorophenol	266	7.599	7.599	(0.980)	43966	15.0000	13(a)
* 83 Phenanthrene-d10	188	7.758	7.758	(1.000)	1009538	40.0000	
52 Phenanthrene	178	7.781	7.781	(1.003)	140113	5.00000	4.9(a)
53 Anthracene	178	7.829	7.829	(1.009)	134764	5.00000	4.8(a)
54 Carbazole	167	8.005	8.005	(1.032)	100555	5.00000	4.9(a)
55 Di-n-butylphthalate	149	8.387	8.387	(1.081)	140895	5.00000	4.8(a)
56 Fluoranthene	202	8.928	8.928	(1.151)	107703	5.00000	4.9(a)
58 Benzidine	184	9.099	9.099	(1.173)	15823	10.0000	18
57 Pyrene	202	9.140	9.140	(0.886)	103193	5.00000	5.1
\$ 78 Terphenyl-d14	244	9.323	9.323	(0.904)	73983	5.00000	5.2
59 Butylbenzylphthalate	149	9.828	9.828	(0.953)	38407	5.00000	5.0
109 2,3,7,8-TCDD (Screen)	320	9.793	9.793	(0.949)	3977	5.00000	0.22(a)
60 3,3'-Dichlorobenzidine	252	10.311	10.311	(0.999)	39415	10.0000	10
61 Benzo(a)anthracene	228	10.311	10.311	(0.999)	8025	0.50000	0.56
* 81 Chrysene-d12	240	10.317	10.317	(1.000)	455358	40.0000	
62 Chrysene	228	10.340	10.340	(1.002)	62570	5.00000	4.9(a)
63 bis(2-Ethylhexyl)phthalate	149	10.422	10.422	(1.010)	51003	5.00000	4.9(a)
64 Di-n-octylphthalate	149	11.122	11.122	(0.934)	57535	5.00000	4.6(a)
65 Benzo(b)fluoranthene	252	11.469	11.469	(0.963)	3505	0.50000	0.40(a)
66 Benzo(k)fluoranthene	252	11.505	11.505	(0.966)	4934	0.50000	0.47(a)
67 Benzo(a)pyrene	252	11.846	11.846	(0.995)	3227	0.50000	0.42(a)
* 84 Perylene-d12	264	11.905	11.905	(1.000)	339970	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.211	13.211	(1.110)	2516	0.50000	0.36(a)
69 Dibenz(a,h)anthracene	278	13.240	13.240	(1.112)	1736	0.50000	0.26(a)
70 Benzo(g,h,i)perylene	276	13.499	13.499	(1.134)	37418	5.00000	4.5(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

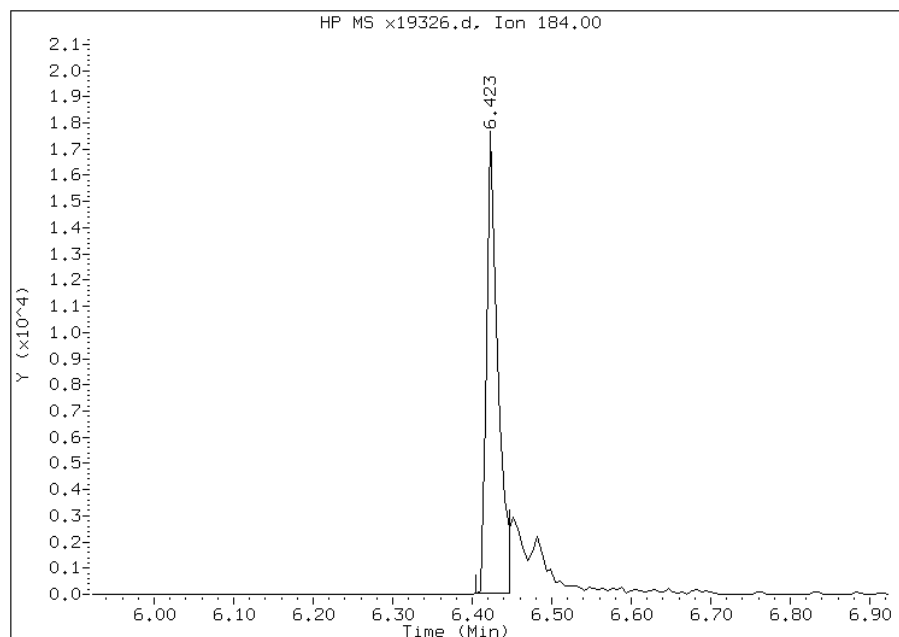


Manual Integration Report

Data File: x19326.d
Inj. Date and Time: 05-NOV-2011 05:24
Instrument ID: BNAMS5.i
Client ID:
Compound: 11 2,4-Dinitrophenol
CAS #: 51-28-5
Report Date: 11/10/2011

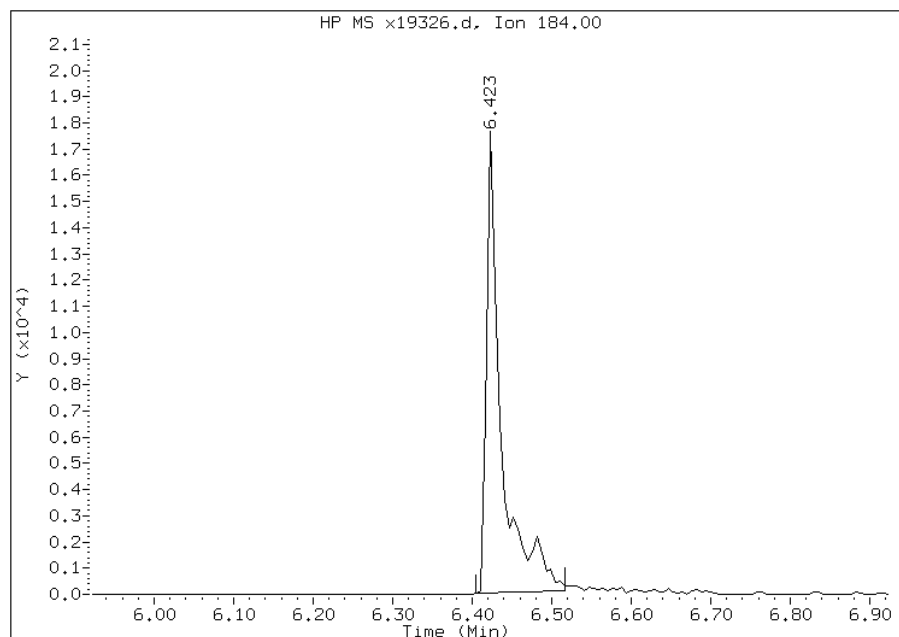
Processing Integration Results

RT: 6.42
Response: 17195
Amount: 8
Conc: 8



Manual Integration Results

RT: 6.42
Response: 22704
Amount: 10
Conc: 10



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19327.d
 Report Date: 10-Nov-2011 08:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19327.d
 Lab Smp Id: IC-1204236
 Inj Date : 05-NOV-2011 05:47
 Operator : BNAMS 4
 Smp Info : IC-1204236
 Misc Info : 80 ppm bna 4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/8270Cdel_08.m
 Meth Date : 10-Nov-2011 08:37 asfawa
 Cal Date : 05-NOV-2011 04:21
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19324.d

Calibration Sample, Level: 4

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	AMOUNTS					
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COL
						(ug/ml)	(ug/ml)
106 1,4-Dioxane	88	1.047	1.047	(0.318)	683526	80.0000	81(M)
19 N-Nitrosodimethylamine	74	1.247	1.247	(0.378)	907943	80.0000	81(H)
71 Pyridine	79	1.258	1.258	(0.382)	1569198	80.0000	81(H)
\$ 16 2-Fluorophenol (SUR)	112	2.153	2.153	(0.654)	1326881	80.0000	78
110 Benzaldehyde	77	2.870	2.870	(0.871)	172389	80.0000	40
\$ 17 Phenol-d5 (SUR)	99	2.994	2.994	(0.909)	1457702	80.0000	77
1 Phenol	94	3.011	3.011	(0.914)	1627079	80.0000	80
73 Aniline	93	2.982	2.982	(0.905)	1617701	80.0000	72
20 bis(2-Chloroethyl)ether	93	3.064	3.064	(0.930)	1799523	80.0000	90
2 2-Chlorophenol	128	3.105	3.105	(0.943)	1418374	80.0000	77
113 n-decane	43	3.164	3.164	(0.961)	1830973	80.0000	79
21 1,3-Dichlorobenzene	146	3.241	3.241	(0.984)	1993315	80.0000	82
* 79 1,4-Dichlorobenzene-d4	152	3.294	3.294	(1.000)	600782	40.0000	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19327.d
Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.317	3.317	(1.007)	2013923	80.0000	81(H)
74 Benzyl Alcohol	108	3.470	3.470	(1.054)	855398	80.0000	89
23 1,2-Dichlorobenzene	146	3.464	3.464	(1.052)	1848404	80.0000	82(H)
3 2-Methylphenol	108	3.617	3.617	(1.098)	1103480	80.0000	76
122 O-Toluidine	107	3.723	3.723	(1.130)	1590833	80.0000	80
24 bis (2-chloroisopropyl) ether	45	3.605	3.605	(1.095)	1975885	80.0000	80
104 Acetophenone	105	3.735	3.735	(1.134)	1792059	80.0000	79(H)
4 4-Methylphenol	108	3.788	3.788	(1.150)	1123327	80.0000	80
121 3 & 4 Methylphenol	108	3.788	3.788	(1.150)	1123327	80.0000	80
25 N-Nitroso-di-n-propylamine	70	3.758	3.758	(1.141)	872404	80.0000	82(M)
26 Hexachloroethane	117	3.799	3.799	(1.154)	729991	80.0000	83
\$ 76 Nitrobenzene-d5 (SUR)	82	3.882	3.882	(0.845)	1367008	80.0000	78
107 N,N-Dimethylaniline	120	3.911	3.911	(1.188)	2264737	80.0000	86
27 Nitrobenzene	77	3.905	3.905	(0.850)	1922114	80.0000	81
28 Isophorone	82	4.158	4.158	(0.905)	1991875	80.0000	79
5 2-Nitrophenol	139	4.223	4.223	(0.919)	759473	80.0000	82
6 2,4-Dimethylphenol	122	4.317	4.317	(0.940)	1058088	80.0000	78
29 bis(2-Chloroethoxy)methane	93	4.399	4.399	(0.958)	1344083	80.0000	80
7 2,4-Dichlorophenol	162	4.482	4.482	(0.976)	943660	80.0000	79
30 1,2,4-Trichlorobenzene	180	4.546	4.546	(0.990)	1313165	80.0000	81
* 80 Naphthalene-d8	136	4.594	4.594	(1.000)	1972637	40.0000	
31 Naphthalene	128	4.611	4.611	(1.004)	4286394	80.0000	82
32 4-Chloroaniline	127	4.694	4.694	(1.022)	1163190	80.0000	79
33 Hexachlorobutadiene	225	4.758	4.758	(1.036)	783782	80.0000	80
111 Caprolactam	113	5.117	5.117	(1.114)	230914	80.0000	83
8 4-Chloro-3-methylphenol	107	5.241	5.241	(1.141)	735712	80.0000	75
34 2-Methylnaphthalene	142	5.311	5.311	(1.156)	2458629	80.0000	80
120 1-Methylnaphthalene	142	5.411	5.411	(1.178)	2475389	80.0000	80
35 Hexachlorocyclopentadiene	237	5.482	5.482	(0.866)	643384	80.0000	84
9 2,4,6-Trichlorophenol	196	5.617	5.617	(0.888)	579744	80.0000	78
10 2,4,5-Trichlorophenol	196	5.664	5.664	(0.895)	565417	80.0000	80
\$ 77 2-Fluorobiphenyl (SUR)	172	5.699	5.699	(0.901)	2399666	80.0000	82
102 Diphenyl	154	5.788	5.788	(0.914)	2575649	80.0000	81
36 2-Chloronaphthalene	162	5.793	5.793	(0.915)	1960338	80.0000	83
103 Diphenyl Ether	170	5.893	5.893	(0.931)	1428911	80.0000	82
37 2-Nitroaniline	65	5.917	5.917	(0.935)	447216	80.0000	84
38 Dimethylphthalate	163	6.123	6.123	(0.967)	1747318	80.0000	79
114 Coumarin	146	6.111	6.111	(1.330)	548592	80.0000	81
40 2,6-Dinitrotoluene	165	6.170	6.170	(0.975)	396491	80.0000	81
39 Acenaphthylene	152	6.193	6.193	(0.979)	2879250	80.0000	82
41 3-Nitroaniline	138	6.323	6.323	(0.999)	320648	80.0000	78
* 82 Acenaphthene-d10	164	6.329	6.329	(1.000)	783045	40.0000	
42 Acenaphthene	154	6.364	6.364	(1.006)	1749326	80.0000	82
11 2,4-Dinitrophenol	184	6.435	6.435	(1.017)	182281	80.0000	90
12 4-Nitrophenol	65	6.540	6.540	(1.033)	233176	80.0000	87
44 2,4-Dinitrotoluene	165	6.558	6.558	(1.036)	454127	80.0000	80
43 Dibenzofuran	168	6.535	6.535	(1.033)	2403173	80.0000	81

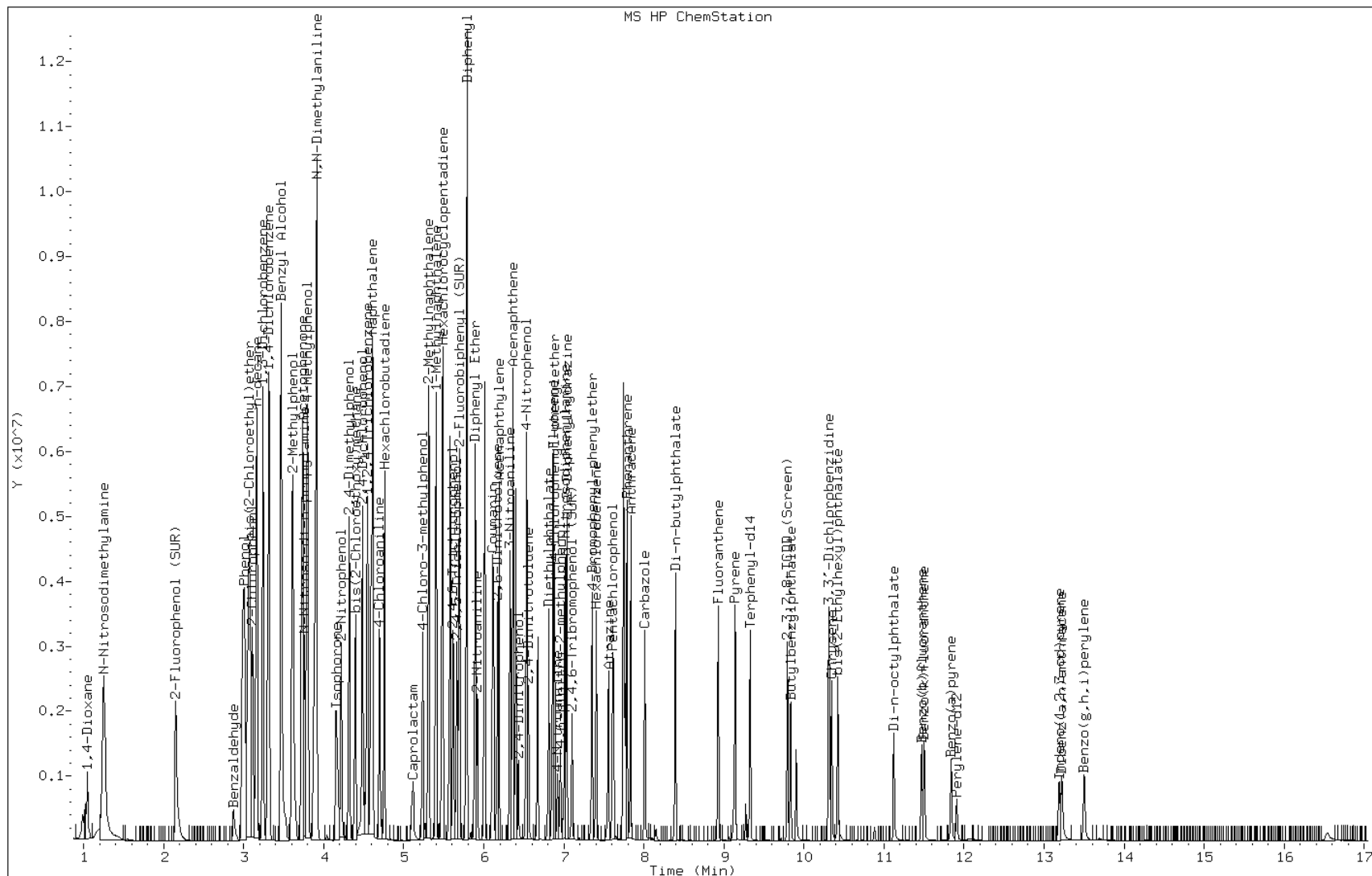
Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19327.d
 Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
45 Diethylphthalate	149	6.811	6.811	(1.076)	1607703	80.0000	82
46 4-Chlorophenyl-phenylether	204	6.888	6.888	(1.088)	913844	80.0000	81
47 Fluorene	166	6.864	6.864	(1.085)	1873030	80.0000	81
48 4-Nitroaniline	138	6.923	6.923	(1.094)	207498	80.0000	75
13 4,6-Dinitro-2-methylphenol	198	6.958	6.958	(0.896)	226907	80.0000	88
49 N-Nitrosodiphenylamine	169	7.011	7.011	(0.903)	1090986	80.0000	84
75 1,2-Diphenylhydrazine	77	7.040	7.040	(0.907)	1951666	80.0000	91
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.105	7.105	(1.123)	248805	80.0000	79
50 4-Bromophenyl-phenylether	248	7.352	7.352	(0.947)	459774	80.0000	83
51 Hexachlorobenzene	284	7.405	7.405	(0.954)	488585	80.0000	80
112 Atrazine	200	7.558	7.558	(0.973)	331585	80.0000	81
14 Pentachlorophenol	266	7.605	7.605	(0.980)	242578	80.0000	87
* 83 Phenanthrene-d10	188	7.764	7.764	(1.000)	834262	40.0000	
52 Phenanthrene	178	7.787	7.787	(1.003)	1961273	80.0000	82
53 Anthracene	178	7.835	7.835	(1.009)	1930102	80.0000	82
54 Carbazole	167	8.011	8.011	(1.032)	1388417	80.0000	82
55 Di-n-butylphthalate	149	8.393	8.393	(1.081)	1947259	80.0000	81
56 Fluoranthene	202	8.929	8.929	(1.150)	1483230	80.0000	81
58 Benzidine	184	9.105	9.105	(1.173)	30850	80.0000	48
57 Pyrene	202	9.140	9.140	(0.885)	1447199	80.0000	81
\$ 78 Terphenyl-d14	244	9.329	9.329	(0.904)	976253	80.0000	78
59 Butylbenzylphthalate	149	9.834	9.834	(0.953)	558485	80.0000	82
109 2,3,7,8-TCDD (Screen)	320	9.793	9.793	(0.949)	16575	80.0000	1.0
60 3,3'-Dichlorobenzidine	252	10.311	10.311	(0.999)	267325	80.0000	79
61 Benzo(a)anthracene	228	10.311	10.311	(0.999)	945153	80.0000	76
* 81 Chrysene-d12	240	10.323	10.323	(1.000)	400648	40.0000	
62 Chrysene	228	10.346	10.346	(1.002)	906871	80.0000	81
63 bis(2-Ethylhexyl)phthalate	149	10.423	10.423	(1.010)	751886	80.0000	82
64 Di-n-octylphthalate	149	11.123	11.123	(0.934)	1040163	80.0000	86
65 Benzo(b)fluoranthene	252	11.470	11.470	(0.963)	794252	80.0000	92
66 Benzo(k)fluoranthene	252	11.499	11.499	(0.966)	795293	80.0000	81
67 Benzo(a)pyrene	252	11.840	11.840	(0.995)	637143	80.0000	85
* 84 Perylene-d12	264	11.905	11.905	(1.000)	319705	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.193	13.193	(1.108)	611088	80.0000	89
69 Dibenz(a,h)anthracene	278	13.222	13.222	(1.111)	635576	80.0000	96
70 Benzo(g,h,i)perylene	276	13.499	13.499	(1.134)	669544	80.0000	84

QC Flag Legend

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

Operator: BNAMS 4

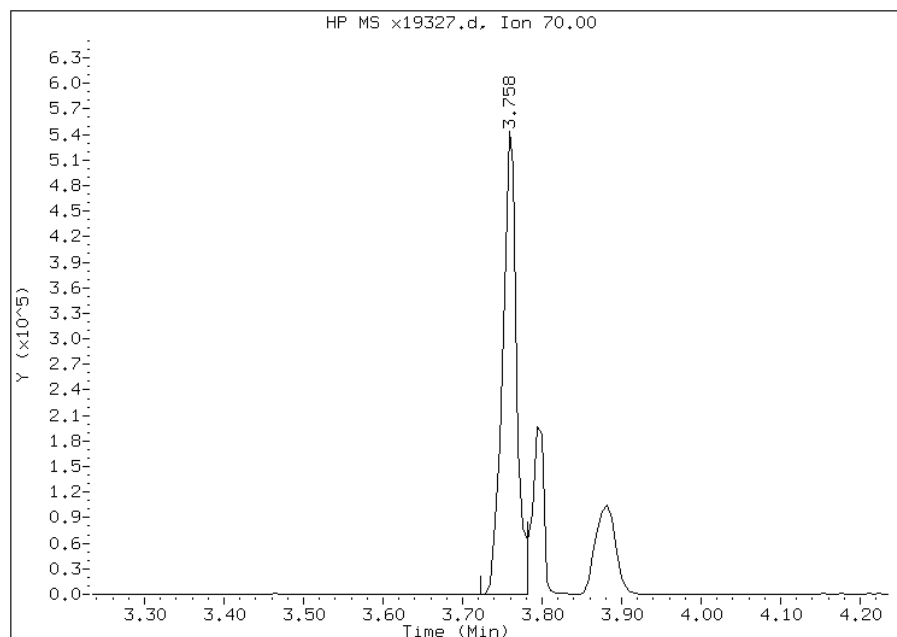


Manual Integration Report

Data File: x19327.d
Inj. Date and Time: 05-NOV-2011 05:47
Instrument ID: BNAMS5.i
Client ID:
Compound: 25 N-Nitroso-di-n-propylamine
CAS #: 621-64-7
Report Date: 11/10/2011

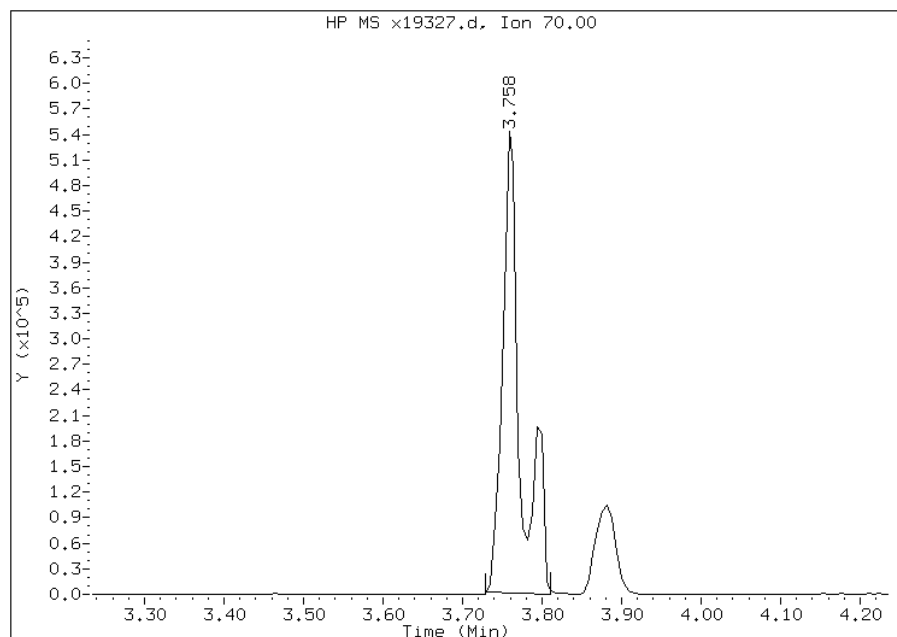
Processing Integration Results

RT: 3.76
Response: 702018
Amount: 70
Conc: 70



Manual Integration Results

RT: 3.76
Response: 872404
Amount: 82
Conc: 82



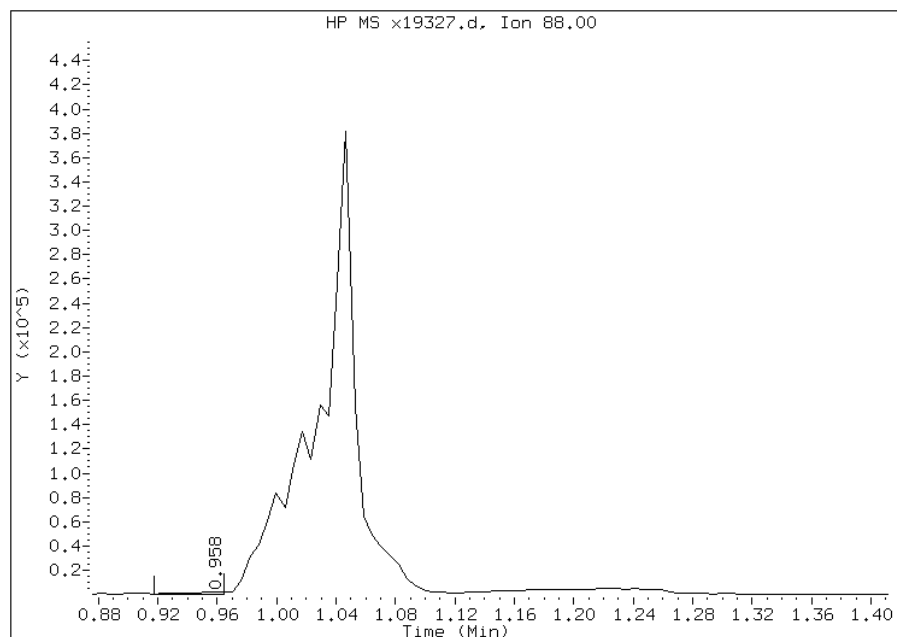
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x19327.d
Inj. Date and Time: 05-NOV-2011 05:47
Instrument ID: BNAMS5.i
Client ID:
Compound: 106 1,4-Dioxane
CAS #: 123-91-1
Report Date: 11/10/2011

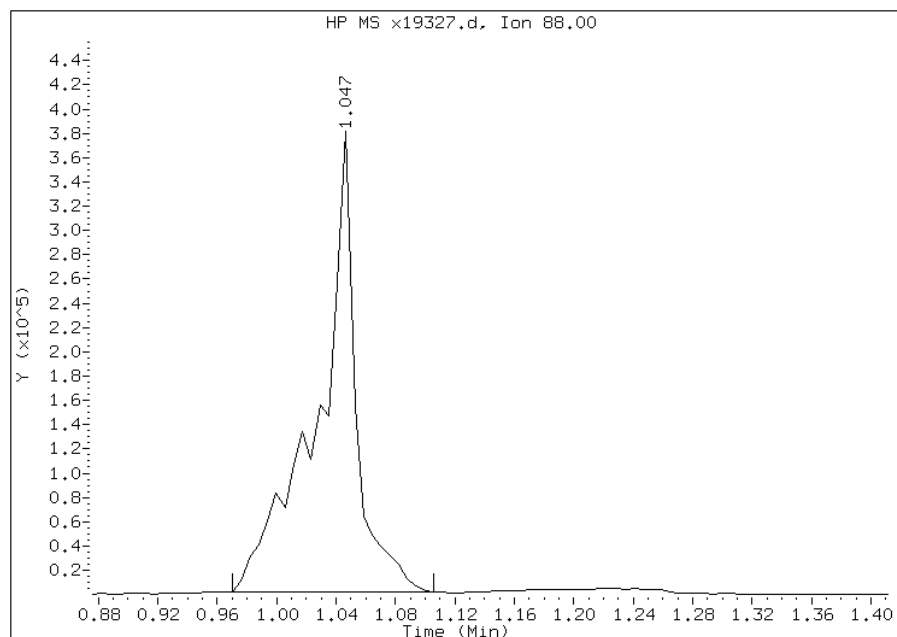
Processing Integration Results

RT: 0.96
Response: 2392
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.05
Response: 683526
Amount: 81
Conc: 81



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19328.d
 Report Date: 10-Nov-2011 08:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19328.d
 Lab Smp Id: IC-1204185
 Inj Date : 05-NOV-2011 06:11
 Operator : BNAMS 4
 Smp Info : IC-1204185
 Misc Info : 20 ppm bna 4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/8270Cdel_08.m
 Meth Date : 10-Nov-2011 08:37 asfawa
 Cal Date : 05-NOV-2011 04:21
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x19324.d
 Calibration Sample, Level: 2
 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	AMOUNTS						
		MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT	ON-COL
							(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	0.911	0.911	(0.278)	149868	20.0000	20	
19 N-Nitrosodimethylamine	74	1.094	1.094	(0.334)	212365	20.0000	21	
71 Pyridine	79	1.105	1.105	(0.337)	379578	20.0000	22(H)	
\$ 16 2-Fluorophenol (SUR)	112	2.082	2.082	(0.636)	310528	20.0000	20(H)	
110 Benzaldehyde	77	2.835	2.835	(0.865)	86219	20.0000	22	
\$ 17 Phenol-d5 (SUR)	99	2.964	2.964	(0.905)	343893	20.0000	20	
1 Phenol	94	2.976	2.976	(0.908)	367570	20.0000	20	
73 Aniline	93	2.952	2.952	(0.901)	450917	20.0000	22	
20 bis(2-Chloroethyl)ether	93	3.029	3.029	(0.925)	330734	20.0000	19	
2 2-Chlorophenol	128	3.070	3.070	(0.937)	354872	20.0000	21	
113 n-decane	43	3.152	3.152	(0.962)	408435	20.0000	20	
21 1,3-Dichlorobenzene	146	3.217	3.217	(0.982)	438242	20.0000	20	
* 79 1,4-Dichlorobenzene-d4	152	3.276	3.276	(1.000)	532977	40.0000		

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19328.d
Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
22 1,4-Dichlorobenzene	146	3.294	3.294	(1.005)	446013	20.0000	20
74 Benzyl Alcohol	108	3.452	3.452	(1.054)	202806	20.0000	23
23 1,2-Dichlorobenzene	146	3.452	3.452	(1.054)	414517	20.0000	20
3 2-Methylphenol	108	3.594	3.594	(1.097)	278416	20.0000	21
122 O-Toluidine	107	3.705	3.705	(1.131)	378956	20.0000	21
24 bis (2-chloroisopropyl) ether	45	3.594	3.594	(1.097)	457502	20.0000	21
104 Acetophenone	105	3.717	3.717	(1.135)	426173	20.0000	21
4 4-Methylphenol	108	3.764	3.764	(1.149)	275120	20.0000	22
121 3 & 4 Methylphenol	108	3.764	3.764	(1.149)	275120	20.0000	22
25 N-Nitroso-di-n-propylamine	70	3.735	3.735	(1.140)	210382	20.0000	22
26 Hexachloroethane	117	3.793	3.793	(1.158)	162301	20.0000	21
\$ 76 Nitrobenzene-d5 (SUR)	82	3.858	3.858	(0.841)	314797	20.0000	19
107 N,N-Dimethylaniline	120	3.888	3.888	(1.187)	526681	20.0000	22
27 Nitrobenzene	77	3.882	3.882	(0.846)	454206	20.0000	20
28 Isophorone	82	4.135	4.135	(0.901)	503113	20.0000	21
5 2-Nitrophenol	139	4.211	4.211	(0.918)	169803	20.0000	20
6 2,4-Dimethylphenol	122	4.305	4.305	(0.938)	265513	20.0000	21
29 bis(2-Chloroethoxy)methane	93	4.388	4.388	(0.956)	324448	20.0000	20
7 2,4-Dichlorophenol	162	4.470	4.470	(0.974)	236941	20.0000	21
30 1,2,4-Trichlorobenzene	180	4.540	4.540	(0.990)	304703	20.0000	20
* 80 Naphthalene-d8	136	4.588	4.588	(1.000)	1864370	40.0000	
31 Naphthalene	128	4.605	4.605	(1.004)	1003168	20.0000	20
32 4-Chloroaniline	127	4.688	4.688	(1.022)	317718	20.0000	22
33 Hexachlorobutadiene	225	4.758	4.758	(1.037)	183615	20.0000	20
111 Caprolactam	113	5.040	5.040	(1.099)	58797	20.0000	22(H)
8 4-Chloro-3-methylphenol	107	5.223	5.223	(1.138)	201504	20.0000	21
34 2-Methylnaphthalene	142	5.305	5.305	(1.156)	604694	20.0000	21
120 1-Methylnaphthalene	142	5.399	5.399	(1.177)	602645	20.0000	20
35 Hexachlorocyclopentadiene	237	5.476	5.476	(0.865)	143195	20.0000	18
9 2,4,6-Trichlorophenol	196	5.611	5.611	(0.887)	146661	20.0000	19
10 2,4,5-Trichlorophenol	196	5.652	5.652	(0.893)	145487	20.0000	20
\$ 77 2-Fluorobiphenyl (SUR)	172	5.687	5.687	(0.899)	580602	20.0000	19
102 Diphenyl	154	5.782	5.782	(0.914)	645824	20.0000	19
36 2-Chloronaphthalene	162	5.782	5.782	(0.914)	519385	20.0000	21
103 Diphenyl Ether	170	5.887	5.887	(0.930)	365453	20.0000	20
37 2-Nitroaniline	65	5.905	5.905	(0.933)	120123	20.0000	21
38 Dimethylphthalate	163	6.111	6.111	(0.966)	477609	20.0000	20
114 Coumarin	146	6.099	6.099	(1.329)	148153	20.0000	22
40 2,6-Dinitrotoluene	165	6.158	6.158	(0.973)	107061	20.0000	21
39 Acenaphthylene	152	6.182	6.182	(0.977)	744335	20.0000	20
41 3-Nitroaniline	138	6.317	6.317	(0.998)	97702	20.0000	22
* 82 Acenaphthene-d10	164	6.329	6.329	(1.000)	824012	40.0000	
42 Acenaphthene	154	6.358	6.358	(1.005)	454428	20.0000	20
11 2,4-Dinitrophenol	184	6.423	6.423	(1.015)	60019	30.0000	29(M)
12 4-Nitrophenol	65	6.535	6.535	(1.033)	83558	30.0000	30
44 2,4-Dinitrotoluene	165	6.546	6.546	(1.034)	129344	20.0000	21
43 Dibenzofuran	168	6.529	6.529	(1.032)	634505	20.0000	20

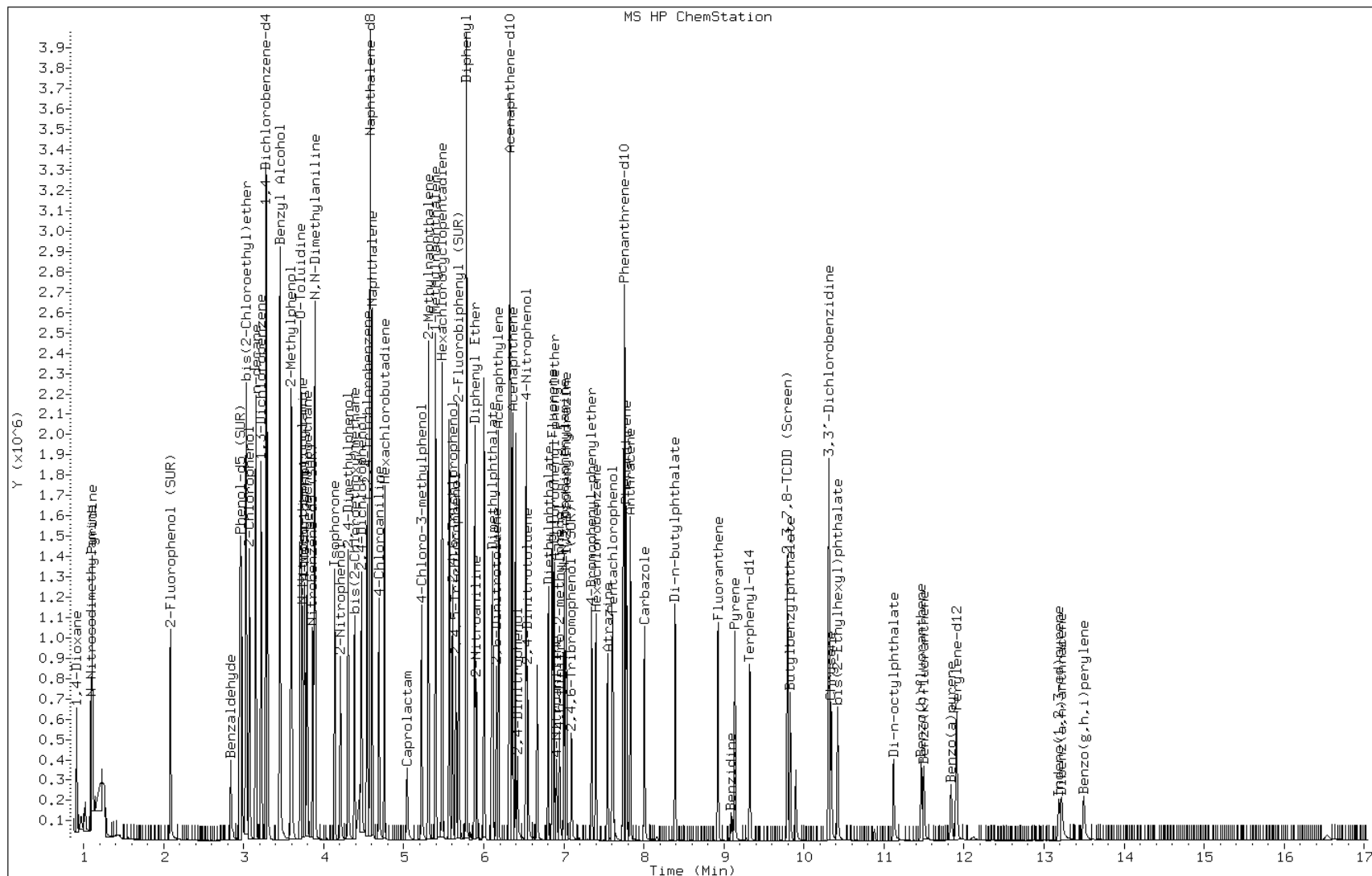
Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19328.d
 Report Date: 10-Nov-2011 08:37

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
45 Diethylphthalate	149	6.805	6.805	(1.075)	437921	20.0000	21
46 4-Chlorophenyl-phenylether	204	6.882	6.882	(1.087)	239390	20.0000	20
47 Fluorene	166	6.858	6.858	(1.084)	501064	20.0000	20
48 4-Nitroaniline	138	6.905	6.905	(1.091)	70803	20.0000	23
13 4,6-Dinitro-2-methylphenol	198	6.946	6.946	(0.895)	85352	30.0000	30
49 N-Nitrosodiphenylamine	169	6.999	6.999	(0.902)	287518	20.0000	20
75 1,2-Diphenylhydrazine	77	7.029	7.029	(0.906)	492186	20.0000	20
\$ 18 2,4,6-Tribromophenol (SUR)	330	7.099	7.099	(1.122)	63930	20.0000	20
50 4-Bromophenyl-phenylether	248	7.346	7.346	(0.947)	126062	20.0000	20
51 Hexachlorobenzene	284	7.399	7.399	(0.954)	137563	20.0000	20
112 Atrazine	200	7.546	7.546	(0.973)	94138	20.0000	20
14 Pentachlorophenol	266	7.599	7.599	(0.980)	93290	30.0000	30
* 83 Phenanthrene-d10	188	7.758	7.758	(1.000)	932455	40.0000	
52 Phenanthrene	178	7.781	7.781	(1.003)	558664	20.0000	21
53 Anthracene	178	7.829	7.829	(1.009)	562906	20.0000	21
54 Carbazole	167	8.005	8.005	(1.032)	408101	20.0000	21
55 Di-n-butylphthalate	149	8.387	8.387	(1.081)	562061	20.0000	21
56 Fluoranthene	202	8.928	8.928	(1.151)	437763	20.0000	21
58 Benzidine	184	9.093	9.093	(1.172)	70780	30.0000	67
57 Pyrene	202	9.140	9.140	(0.886)	421500	20.0000	21
\$ 78 Terphenyl-d14	244	9.323	9.323	(0.904)	279325	20.0000	20
59 Butylbenzylphthalate	149	9.828	9.828	(0.953)	163402	20.0000	21
109 2,3,7,8-TCDD (Screen)	320	9.793	9.793	(0.949)	8157	20.0000	0.46(a)
60 3,3'-Dichlorobenzidine	252	10.311	10.311	(0.999)	118617	30.0000	31
61 Benzo(a)anthracene	228	10.311	10.311	(0.999)	269177	20.0000	20
* 81 Chrysene-d12	240	10.317	10.317	(1.000)	447337	40.0000	
62 Chrysene	228	10.340	10.340	(1.002)	257657	20.0000	20
63 bis(2-Ethylhexyl)phthalate	149	10.422	10.422	(1.010)	212430	20.0000	20
64 Di-n-octylphthalate	149	11.122	11.122	(0.934)	276222	20.0000	22
65 Benzo(b)fluoranthene	252	11.464	11.464	(0.963)	196575	20.0000	21
66 Benzo(k)fluoranthene	252	11.493	11.493	(0.965)	209788	20.0000	20
67 Benzo(a)pyrene	252	11.834	11.834	(0.994)	161341	20.0000	20
* 84 Perylene-d12	264	11.905	11.905	(1.000)	334372	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	13.187	13.187	(1.108)	128658	20.0000	18(M)
69 Dibenz(a,h)anthracene	278	13.222	13.222	(1.111)	149454	20.0000	21
70 Benzo(g,h,i)perylene	276	13.493	13.493	(1.133)	165029	20.0000	20

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

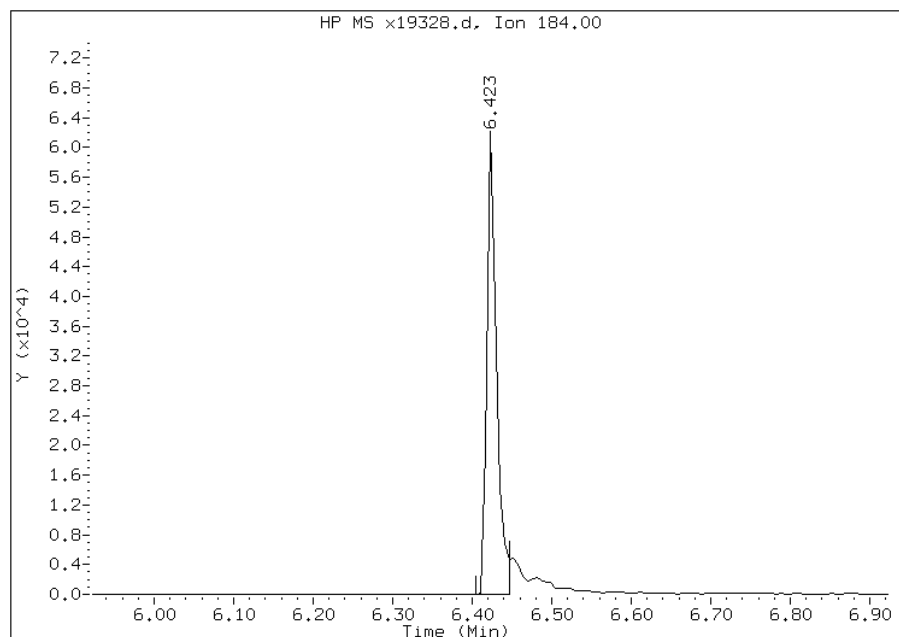


Manual Integration Report

Data File: x19328.d
Inj. Date and Time: 05-NOV-2011 06:11
Instrument ID: BNAMS5.i
Client ID:
Compound: 11 2,4-Dinitrophenol
CAS #: 51-28-5
Report Date: 11/10/2011

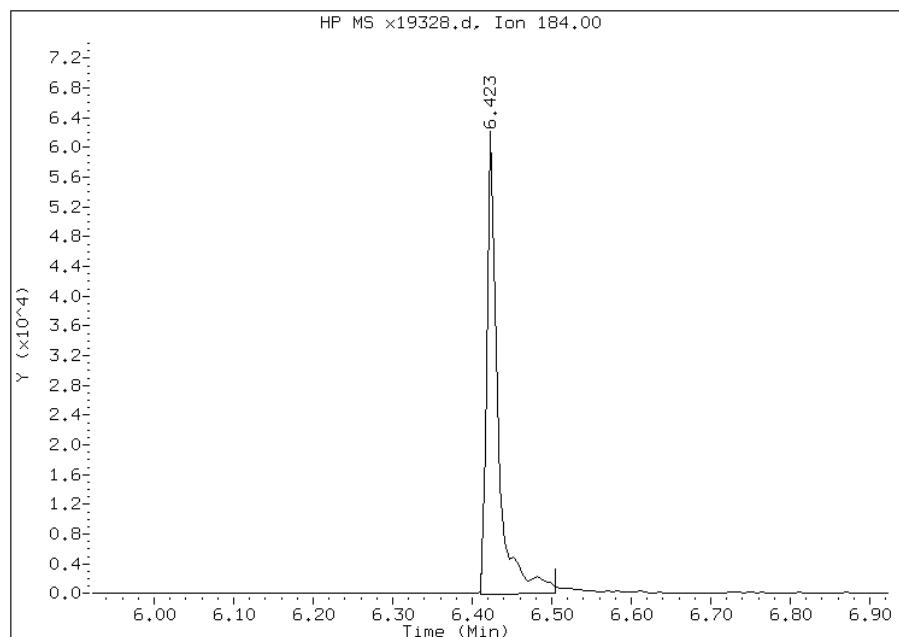
Processing Integration Results

RT: 6.42
Response: 51746
Amount: 26
Conc: 26



Manual Integration Results

RT: 6.42
Response: 60019
Amount: 29
Conc: 29



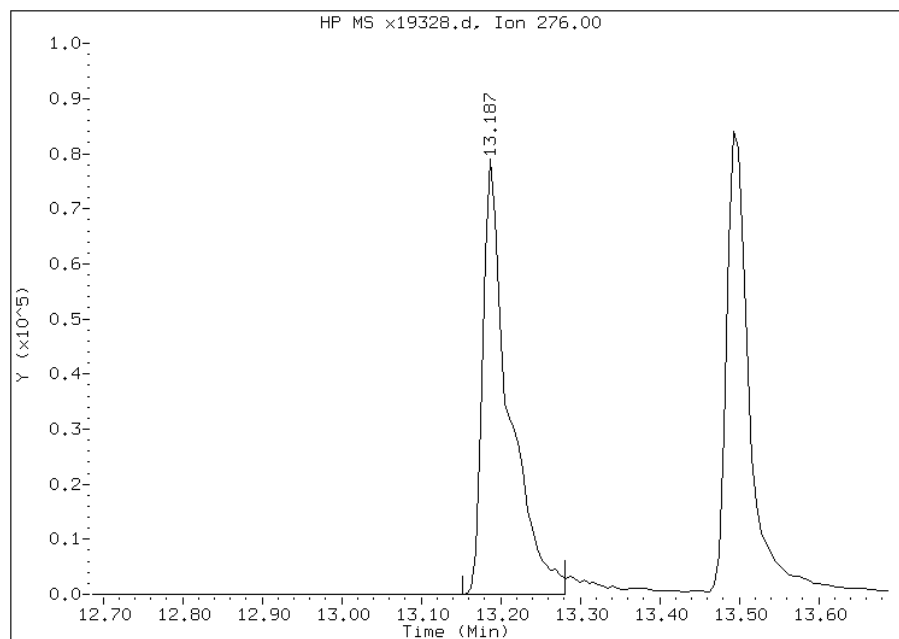
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: x19328.d
Inj. Date and Time: 05-NOV-2011 06:11
Instrument ID: BNAMS5.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 11/10/2011

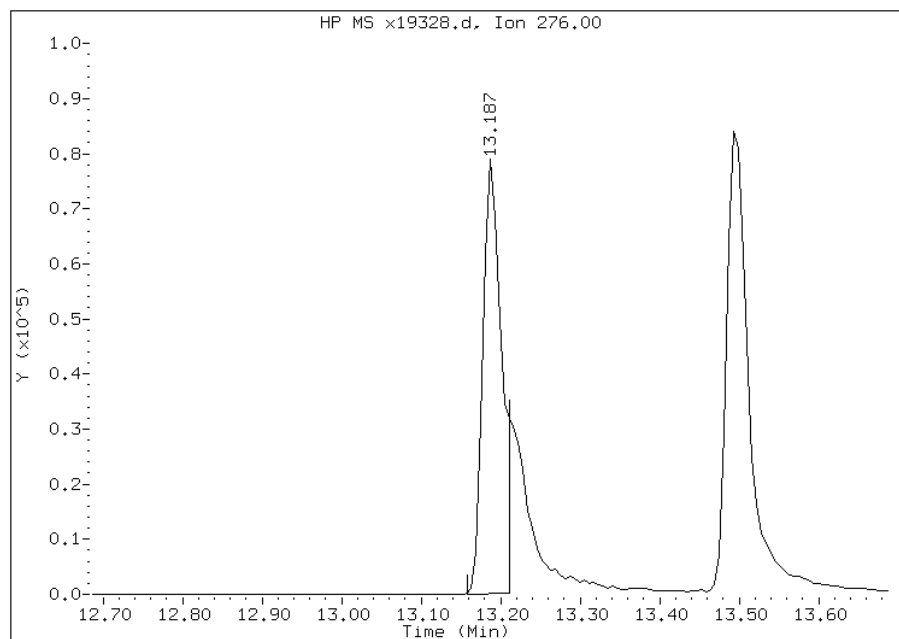
Processing Integration Results

RT: 13.19
Response: 179555
Amount: 24
Conc: 24



Manual Integration Results

RT: 13.19
Response: 128658
Amount: 18
Conc: 18



Manually Integrated By: wahied
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCVIS 460-92827/2 Calibration Date: 11/13/2011 03:05

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19551.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5634	0.4864	0.0500	43200	50000	-13.7	25.0
N-Nitrosodimethylamine	Ave	0.7566	0.7096	0.0500	46900	50000	-6.2	25.0
Pyridine	Ave	1.313	1.253	0.0500	47700	50000	-4.6	25.0
Benzaldehyde	Ave	0.2965	0.4274	0.0500	72100	50000	44.2*	25.0
Aniline	Ave	1.538	1.543	0.0500	50200	50000	0.3	25.0
Phenol	Ave	1.354	1.266	0.0500	46700	50000	-6.5	25.0
Bis(2-chloroethyl)ether	Ave	1.309	1.230	0.0500	47000	50000	-6.0	25.0
2-Chlorophenol	Ave	1.248	1.222	0.0500	48900	50000	-2.1	25.0
n-Decane	Ave	1.536	1.551	0.0500	50500	50000	1.0	25.0
1,3-Dichlorobenzene	Ave	1.626	1.640	0.0500	50400	50000	0.9	25.0
1,4-Dichlorobenzene	Ave	1.653	1.634	0.0500	49400	50000	-1.2	25.0
1,2-Dichlorobenzene	Ave	1.513	1.526	0.0500	50400	50000	0.8	25.0
Benzyl alcohol	Ave	0.6659	0.6271	0.0500	47100	50000	-5.8	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.653	1.713	0.0500	51800	50000	3.6	25.0
2-Methylphenol	Ave	0.9770	0.9420	0.0500	48200	50000	-3.6	25.0
Acetophenone	Ave	1.528	1.464	0.0500	47900	50000	-4.2	25.0
N-Nitrosodi-n-propylamine	Ave	0.7222	0.7255	0.0500	50200	50000	0.5	25.0
3 & 4 Methylphenol	Ave	0.9551	0.9334	0.0500	48900	50000	-2.3	25.0
4-Methylphenol	Ave	0.9551	0.9334	0.0500	48900	50000	-2.3	25.0
Hexachloroethane	Ave	0.5876	0.5835	0.0500	49600	50000	-0.7	25.0
Nitrobenzene	Ave	0.4823	0.4618	0.0500	47900	50000	-4.3	25.0
n,n'-Dimethylaniline	Ave	1.801	1.838	0.0500	51000	50000	2.1	25.0
Isophorone	Ave	0.5164	0.5112	0.0500	49500	50000	-1.0	25.0
2-Nitrophenol	Ave	0.1868	0.1972	0.0500	52800	50000	5.6	25.0
2,4-Dimethylphenol	Ave	0.2757	0.2671	0.0500	48400	50000	-3.1	25.0
Bis(2-chloroethoxy)methane	Ave	0.3419	0.3494	0.0500	51100	50000	2.2	25.0
2,4-Dichlorophenol	Ave	0.2446	0.2487	0.0500	50800	50000	1.7	25.0
1,2,4-Trichlorobenzene	Ave	0.3279	0.3281	0.0500	50000	50000	0.0	25.0
Naphthalene	Ave	1.065	1.052	0.0500	49400	50000	-1.2	25.0
4-Chloroaniline	Ave	0.3067	0.3116	0.0500	50800	50000	1.6	25.0
Hexachlorobutadiene	Ave	0.1982	0.1833	0.0500	46200	50000	-7.5	25.0
Caprolactam	Ave	0.0576	0.0557	0.0500	48300	50000	-3.3	25.0
4-Chloro-3-methylphenol	Ave	0.2030	0.1989	0.0500	49000	50000	-2.0	25.0
2-Methylnaphthalene	Ave	0.6284	0.6009	0.0500	47800	50000	-4.4	25.0
1-Methylnaphthalene	Ave	0.6281	0.5879	0.0500	46800	50000	-6.4	25.0
Hexachlorocyclopentadiene	Ave	0.3827	0.3397	0.0500	44400	50000	-11.2	25.0
2,4,6-Trichlorophenol	Ave	0.3761	0.3825	0.0500	50800	50000	1.7	25.0
2,4,5-Trichlorophenol	Ave	0.3603	0.3838	0.0500	53300	50000	6.5	25.0
2-Chloronaphthalene	Ave	1.215	1.250	0.0500	51400	50000	2.9	25.0
1,1'-Biphenyl	Ave	1.617	1.603	0.0500	49600	50000	-0.9	25.0
Phenyl ether	Ave	0.8885	0.9114	0.0500	51300	50000	2.6	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCVIS 460-92827/2 Calibration Date: 11/13/2011 03:05

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19551.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.2756	0.3057	0.0500	55500	50000	10.9	25.0
Coumarin	Ave	0.1413	0.1391	0.0500	49200	50000	-1.6	25.0
Dimethyl phthalate	Ave	1.132	1.125	0.0500	49700	50000	-0.6	25.0
2,6-Dinitrotoluene	Ave	0.2514	0.2666	0.0500	53000	50000	6.0	25.0
Acenaphthylene	Ave	1.805	1.883	0.0500	52200	50000	4.3	25.0
3-Nitroaniline	Ave	0.2143	0.1984	0.0500	46300	50000	-7.4	25.0
Acenaphthene	Ave	1.092	1.131	0.0500	51800	50000	3.5	25.0
2,4-Dinitrophenol	Ave	0.1019	0.1197	0.0500	58800	50000	17.5	25.0
Dibenzofuran	Ave	1.514	1.575	0.0500	52000	50000	4.0	25.0
4-Nitrophenol	Ave	0.1363	0.1178	0.0500	43200	50000	-13.6	25.0
2,4-Dinitrotoluene	Ave	0.2946	0.2986	0.0500	50700	50000	1.4	25.0
Diethyl phthalate	Ave	1.018	0.9642	0.0500	47300	50000	-5.3	25.0
Fluorene	Ave	1.183	1.215	0.0500	51400	50000	2.7	25.0
4-Chlorophenyl phenyl ether	Ave	0.5773	0.5597	0.0500	48500	50000	-3.0	25.0
4-Nitroaniline	Ave	0.1475	0.1478	0.0500	50100	50000	0.2	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1237	0.1333	0.0500	53900	50000	7.8	25.0
N-Nitrosodiphenylamine	Ave	0.6238	0.6141	0.0500	49200	50000	-1.6	25.0
1,2-Diphenylhydrazine	Ave	1.032	1.070	0.0500	51900	50000	3.7	25.0
4-Bromophenyl phenyl ether	Ave	0.2669	0.2613	0.0500	49000	50000	-2.1	25.0
Hexachlorobenzene	Ave	0.2918	0.2749	0.0500	47100	50000	-5.8	25.0
Atrazine	Ave	0.1971	0.1773	0.0500	45000	50000	-10.0	25.0
Pentachlorophenol	Ave	0.1339	0.1313	0.0500	49000	50000	-1.9	25.0
Phenanthrene	Ave	1.154	1.143	0.0500	49600	50000	-0.9	25.0
Anthracene	Ave	1.146	1.210	0.0500	52800	50000	5.6	25.0
Carbazole	Ave	0.8248	0.8841	0.0500	53600	50000	7.2	25.0
Di-n-butyl phthalate	Ave	1.165	1.084	0.0500	46600	50000	-6.9	25.0
Fluoranthene	Ave	0.8881	0.9352	0.0500	52700	50000	5.3	25.0
Benzidine	Ave	0.0451	0.0331*	0.0500	36600	50000	-26.7*	25.0
Pyrene	Ave	1.808	1.676	0.0500	46300	50000	-7.3	25.0
Butyl benzyl phthalate	Ave	0.6930	0.6556	0.0500	47300	50000	-5.4	25.0
2,3,7,8-TCDD	Ave	1.584	0.2114	0.0500	66.7	500	-86.7*	25.0
Benzo[a]anthracene	Ave	1.231	1.182	0.0500	48000	50000	-4.0	25.0
3,3'-Dichlorobenzidine	Ave	0.3401	0.3501	0.0500	51500	50000	2.9	25.0
Chrysene	Ave	1.126	1.214	0.0500	53900	50000	7.9	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.9245	0.8581	0.0500	46400	50000	-7.2	25.0
Di-n-octyl phthalate	Ave	1.537	1.468	0.0500	47800	50000	-4.4	25.0
Benzo[b]fluoranthene	Ave	1.100	1.254	0.0500	57000	50000	14.0	25.0
Benzo[k]fluoranthene	Ave	1.237	1.263	0.0500	51000	50000	2.1	25.0
Benzo[a]pyrene	Ave	0.9394	0.9883	0.0500	52600	50000	5.2	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8376	0.9204	0.0500	54900	50000	9.9	25.0
Dibenz(a,h)anthracene	Ave	0.8440	0.8666	0.0500	51300	50000	2.7	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab Sample ID: CCVIS 460-92827/2 Calibration Date: 11/13/2011 03:05
Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11
Lab File ID: x19551.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	0.998	0.9840	0.0500	49300	50000	-1.4	25.0
2-Fluorophenol (Surr)	Ave	1.137	1.145	0.0500	50300	50000	0.6	25.0
Phenol-d5 (Surr)	Ave	1.271	1.236	0.0500	48600	50000	-2.7	25.0
Nitrobenzene-d5 (Surr)	Ave	0.3507	0.3490	0.0500	49800	50000	-0.5	25.0
2-Fluorobiphenyl	Ave	1.476	1.521	0.0500	51500	50000	3.1	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1591	0.1557	0.0500	48900	50000	-2.1	25.0
Terphenyl-d14 (Surr)	Ave	1.248	1.086	0.0500	43500	50000	-13.0	25.0

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19551.d
 Report Date: 13-Nov-2011 13:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19551.d
 Lab Smp Id: CCVIS-1204235
 Inj Date : 13-NOV-2011 03:05
 Operator : BNAMS 4
 Smp Info : CCVIS-1204235
 Misc Info : 50ppm bna4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 13:34 czhao
 Cal Date : 13-NOV-2011 03:05
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19551.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

						AMOUNTS	
	QUANT SIG					CAL -AMT	ON -COL
Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ug/ml)	(ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	0.759	0.759	(0.254)	417905	50.0000	43
19 N-Nitrosodimethylamine	74	0.930	0.930	(0.311)	609689	50.0000	47
71 Pyridine	79	0.948	0.948	(0.316)	1076618	50.0000	48
\$ 16 2-Fluorophenol (SUR)	112	1.848	1.848	(0.617)	983505	50.0000	50
110 Benzaldehyde	77	2.565	2.565	(0.857)	367244	50.0000	72
\$ 17 Phenol-d5 (SUR)	99	2.712	2.712	(0.906)	1062316	50.0000	49
1 Phenol	94	2.724	2.724	(0.910)	1087919	50.0000	47
73 Aniline	93	2.683	2.683	(0.896)	1325994	50.0000	50
20 bis(2-Chloroethyl)ether	93	2.765	2.765	(0.923)	1056885	50.0000	47
2 2-Chlorophenol	128	2.795	2.795	(0.933)	1050136	50.0000	49
113 n-decane	43	2.883	2.883	(0.963)	1332493	50.0000	50
21 1,3-Dichlorobenzene	146	2.936	2.936	(0.980)	1409200	50.0000	50
* 79 1,4-Dichlorobenzene-d4	152	2.995	2.995	(1.000)	687396	40.0000	
22 1,4-Dichlorobenzene	146	3.012	3.012	(1.006)	1403955	50.0000	49
74 Benzyl Alcohol	108	3.177	3.177	(1.061)	538809	50.0000	47

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19551.d
 Report Date: 13-Nov-2011 13:34

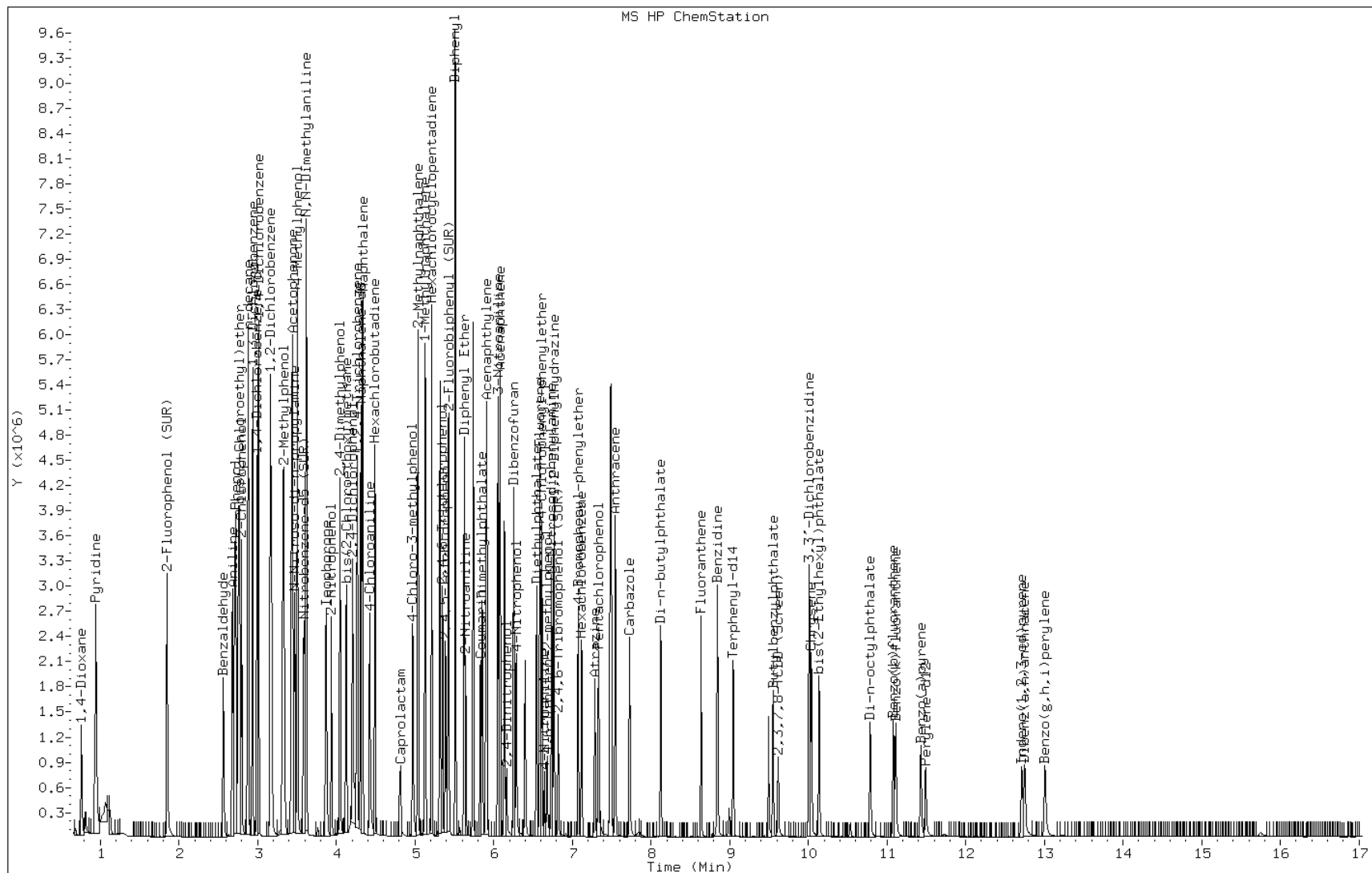
Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.165	3.165	(1.057)	1311261	50.0000	50
3 2-Methylphenol	108	3.330	3.330	(1.112)	809399	50.0000	48
122 0-Toluidine	107	3.430	3.430	(1.145)	1097144	50.0000	48
24 bis (2-chloroisopropyl) ether	45	3.318	3.318	(1.108)	1472128	50.0000	52
104 Acetophenone	105	3.442	3.442	(1.149)	1258131	50.0000	48
4 4-Methylphenol	108	3.500	3.500	(1.169)	802019	50.0000	49
121 3 & 4 Methylphenol	108	3.500	3.500	(1.169)	802019	50.0000	49
25 N-Nitroso-di-n-propylamine	70	3.471	3.471	(1.159)	623383	50.0000	50
26 Hexachloroethane	117	3.506	3.506	(1.171)	501347	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	3.589	3.589	(0.832)	995106	50.0000	50
107 N,N-Dimethylaniline	120	3.618	3.618	(1.208)	1579404	50.0000	51
27 Nitrobenzene	77	3.612	3.612	(0.838)	1316448	50.0000	48
28 Isophorone	82	3.871	3.871	(0.898)	1457433	50.0000	49
5 2-Nitrophenol	139	3.942	3.942	(0.914)	562118	50.0000	53
6 2,4-Dimethylphenol	122	4.048	4.048	(0.939)	761579	50.0000	48
29 bis(2-Chloroethoxy)methane	93	4.130	4.130	(0.958)	996176	50.0000	51
7 2,4-Dichlorophenol	162	4.206	4.206	(0.975)	709083	50.0000	51
30 1,2,4-Trichlorobenzene	180	4.271	4.271	(0.990)	935487	50.0000	50
* 80 Naphthalene-d8	136	4.312	4.312	(1.000)	2280793	40.0000	
31 Naphthalene	128	4.336	4.336	(1.005)	2998739	50.0000	49
32 4-Chloroaniline	127	4.424	4.424	(1.026)	888384	50.0000	51
33 Hexachlorobutadiene	225	4.489	4.489	(1.041)	522617	50.0000	46
111 Caprolactam	113	4.818	4.818	(1.117)	158674	50.0000	48
8 4-Chloro-3-methylphenol	107	4.971	4.971	(1.153)	567145	50.0000	49
34 2-Methylnaphthalene	142	5.036	5.036	(1.168)	1713119	50.0000	48
120 1-Methylnaphthalene	142	5.130	5.130	(1.190)	1676147	50.0000	47
35 Hexachlorocyclopentadiene	237	5.212	5.212	(0.861)	371738	50.0000	44
9 2,4,6-Trichlorophenol	196	5.347	5.347	(0.883)	418519	50.0000	51
10 2,4,5-Trichlorophenol	196	5.389	5.389	(0.890)	419966	50.0000	53
\$ 77 2-Fluorobiphenyl (SUR)	172	5.430	5.430	(0.897)	1664050	50.0000	52
102 Diphenyl	154	5.518	5.518	(0.912)	1754396	50.0000	50
36 2-Chloronaphthalene	162	5.512	5.512	(0.911)	1367854	50.0000	51
103 Diphenyl Ether	170	5.624	5.624	(0.929)	997301	50.0000	51
37 2-Nitroaniline	65	5.647	5.647	(0.933)	334551	50.0000	55
38 Dimethylphthalate	163	5.859	5.859	(0.968)	1231302	50.0000	50
114 Coumarin	146	5.836	5.836	(1.353)	396535	50.0000	49
40 2,6-Dinitrotoluene	165	5.900	5.900	(0.975)	291726	50.0000	53
39 Acenaphthylene	152	5.912	5.912	(0.977)	2060122	50.0000	52
41 3-Nitroaniline	138	6.053	6.053	(1.000)	217113	50.0000	46
* 82 Acenaphthene-d10	164	6.053	6.053	(1.000)	875381	40.0000	
42 Acenaphthene	154	6.083	6.083	(1.005)	1237372	50.0000	52
11 2,4-Dinitrophenol	184	6.165	6.165	(1.018)	130989	50.0000	59
12 4-Nitrophenol	65	6.283	6.283	(1.038)	128893	50.0000	43
44 2,4-Dinitrotoluene	165	6.289	6.289	(1.039)	326692	50.0000	51
43 Dibenzofuran	168	6.259	6.259	(1.034)	1723482	50.0000	52
45 Diethylphthalate	149	6.547	6.547	(1.082)	1055087	50.0000	47
46 4-Chlorophenyl-phenylether	204	6.612	6.612	(1.092)	612465	50.0000	48

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19551.d
 Report Date: 13-Nov-2011 13:34

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	6.589	6.589	(1.088)	1329842	50.0000	51
48 4-Nitroaniline	138	6.641	6.641	(1.097)	161738	50.0000	50
13 4,6-Dinitro-2-methylphenol	198	6.683	6.683	(0.894)	159161	50.0000	54
49 N-Nitrosodiphenylamine	169	6.736	6.736	(0.901)	733358	50.0000	49
75 1,2-Diphenylhydrazine	77	6.765	6.765	(0.905)	1277926	50.0000	52
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.824	6.824	(1.127)	170355	50.0000	49
50 4-Bromophenyl-phenylether	248	7.077	7.077	(0.946)	312047	50.0000	49
51 Hexachlorobenzene	284	7.124	7.124	(0.953)	328325	50.0000	47
112 Atrazine	200	7.288	7.288	(0.975)	211751	50.0000	45
14 Pentachlorophenol	266	7.330	7.330	(0.980)	156835	50.0000	49
* 83 Phenanthrene-d10	188	7.477	7.477	(1.000)	955333	40.0000	
52 Phenanthrene	178	7.500	7.500	(1.003)	1365349	50.0000	50
53 Anthracene	178	7.547	7.547	(1.009)	1444946	50.0000	53
54 Carbazole	167	7.730	7.730	(1.034)	1055727	50.0000	54
55 Di-n-butylphthalate	149	8.124	8.124	(1.087)	1294878	50.0000	46
56 Fluoranthene	202	8.635	8.635	(1.155)	1116752	50.0000	53
58 Benzidine	184	8.841	8.841	(1.183)	39487	50.0000	37
57 Pyrene	202	8.847	8.847	(0.884)	1063774	50.0000	46
\$ 78 Terphenyl-d14	244	9.041	9.041	(0.903)	689009	50.0000	44
59 Butylbenzylphthalate	149	9.553	9.553	(0.954)	416144	50.0000	47
60 3,3'-Dichlorobenzidine	252	10.018	10.018	(1.001)	222239	50.0000	51
61 Benzo(a)anthracene	228	10.006	10.006	(0.999)	750190	50.0000	48
* 81 Chrysene-d12	240	10.012	10.012	(1.000)	507784	40.0000	
62 Chrysene	228	10.035	10.035	(1.002)	770562	50.0000	54
63 bis(2-Ethylhexyl)phthalate	149	10.135	10.135	(1.012)	544656	50.0000	46
64 Di-n-octylphthalate	149	10.788	10.788	(0.939)	814243	50.0000	48
65 Benzo(b)fluoranthene	252	11.082	11.082	(0.964)	695222	50.0000	57
66 Benzo(k)fluoranthene	252	11.112	11.112	(0.967)	700353	50.0000	51
67 Benzo(a)pyrene	252	11.429	11.429	(0.994)	548070	50.0000	53
* 84 Perylene-d12	264	11.494	11.494	(1.000)	443635	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	12.712	12.712	(1.106)	510427	50.0000	55
69 Dibenz(a,h)anthracene	278	12.747	12.747	(1.109)	480574	50.0000	51
70 Benzo(g,h,i)perylene	276	13.006	13.006	(1.132)	545672	50.0000	49

Instrument: BNAMS5.i

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCV 460-92828/1 Calibration Date: 11/13/2011 10:21

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19568.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5634	0.4943	0.0500	43900	50000	-12.3	25.0
N-Nitrosodimethylamine	Ave	0.7566	0.7051	0.0500	46600	50000	-6.8	25.0
Pyridine	Ave	1.313	1.259	0.0500	47900	50000	-4.1	25.0
Benzaldehyde	Ave	0.2965	0.4703	0.0500	79300	50000	58.6*	25.0
Aniline	Ave	1.538	1.460	0.0500	47400	50000	-5.1	25.0
Phenol	Ave	1.354	1.181	0.0500	43600	50000	-12.8	25.0
Bis(2-chloroethyl)ether	Ave	1.309	1.200	0.0500	45900	50000	-8.3	25.0
2-Chlorophenol	Ave	1.248	1.170	0.0500	46900	50000	-6.3	25.0
n-Decane	Ave	1.536	1.554	0.0500	50600	50000	1.2	25.0
1,3-Dichlorobenzene	Ave	1.626	1.653	0.0500	50800	50000	1.7	25.0
1,4-Dichlorobenzene	Ave	1.653	1.619	0.0500	49000	50000	-2.1	25.0
1,2-Dichlorobenzene	Ave	1.513	1.512	0.0500	50000	50000	-0.0	25.0
Benzyl alcohol	Ave	0.6659	0.4642	0.0500	34900	50000	-30.3*	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.653	1.680	0.0500	50800	50000	1.6	25.0
2-Methylphenol	Ave	0.9770	0.8824	0.0500	45200	50000	-9.7	25.0
Acetophenone	Ave	1.528	1.400	0.0500	45800	50000	-8.4	25.0
N-Nitrosodi-n-propylamine	Ave	0.7222	0.6914	0.0500	47900	50000	-4.3	25.0
3 & 4 Methylphenol	Ave	0.9551	0.8256	0.0500	43200	50000	-13.6	25.0
4-Methylphenol	Ave	0.9551	0.8256	0.0500	43200	50000	-13.6	25.0
Hexachloroethane	Ave	0.5876	0.5840	0.0500	49700	50000	-0.6	25.0
Nitrobenzene	Ave	0.4823	0.4652	0.0500	48200	50000	-3.5	25.0
n,n'-Dimethylaniline	Ave	1.801	1.791	0.0500	49700	50000	-0.5	25.0
Isophorone	Ave	0.5164	0.5087	0.0500	49200	50000	-1.5	25.0
2-Nitrophenol	Ave	0.1868	0.1963	0.0500	52600	50000	5.1	25.0
2,4-Dimethylphenol	Ave	0.2757	0.2477	0.0500	44900	50000	-10.2	25.0
Bis(2-chloroethoxy)methane	Ave	0.3419	0.3546	0.0500	51900	50000	3.7	25.0
2,4-Dichlorophenol	Ave	0.2446	0.2420	0.0500	49500	50000	-1.1	25.0
1,2,4-Trichlorobenzene	Ave	0.3279	0.3316	0.0500	50600	50000	1.1	25.0
Naphthalene	Ave	1.065	1.052	0.0500	49400	50000	-1.2	25.0
4-Chloroaniline	Ave	0.3067	0.3169	0.0500	51600	50000	3.3	25.0
Hexachlorobutadiene	Ave	0.1982	0.1861	0.0500	46900	50000	-6.1	25.0
Caprolactam	Ave	0.0576	0.0569	0.0500	49400	50000	-1.3	25.0
4-Chloro-3-methylphenol	Ave	0.2030	0.1828	0.0500	45000	50000	-10.0	25.0
2-Methylnaphthalene	Ave	0.6284	0.6006	0.0500	47800	50000	-4.4	25.0
1-Methylnaphthalene	Ave	0.6281	0.5924	0.0500	47200	50000	-5.7	25.0
Hexachlorocyclopentadiene	Ave	0.3827	0.3267	0.0500	42700	50000	-14.6	25.0
2,4,6-Trichlorophenol	Ave	0.3761	0.3588	0.0500	47700	50000	-4.6	25.0
2,4,5-Trichlorophenol	Ave	0.3603	0.3552	0.0500	49300	50000	-1.4	25.0
1,1'-Biphenyl	Ave	1.617	1.593	0.0500	49300	50000	-1.5	25.0
2-Chloronaphthalene	Ave	1.215	1.231	0.0500	50600	50000	1.3	25.0
Phenyl ether	Ave	0.8885	0.9124	0.0500	51300	50000	2.7	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCV 460-92828/1 Calibration Date: 11/13/2011 10:21

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19568.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.2756	0.2863	0.0500	51900	50000	3.9	25.0
Coumarin	Ave	0.1413	0.1361	0.0500	48100	50000	-3.7	25.0
Dimethyl phthalate	Ave	1.132	1.118	0.0500	49400	50000	-1.2	25.0
2,6-Dinitrotoluene	Ave	0.2514	0.2585	0.0500	51400	50000	2.8	25.0
Acenaphthylene	Ave	1.805	1.891	0.0500	52400	50000	4.8	25.0
3-Nitroaniline	Ave	0.2143	0.2181	0.0500	50900	50000	1.8	25.0
Acenaphthene	Ave	1.092	1.118	0.0500	51200	50000	2.4	25.0
2,4-Dinitrophenol	Ave	0.1019	0.0786	0.0500	38600	50000	-22.8	25.0
Dibenzofuran	Ave	1.514	1.578	0.0500	52100	50000	4.2	25.0
2,4-Dinitrotoluene	Ave	0.2946	0.3099	0.0500	52600	50000	5.2	25.0
4-Nitrophenol	Ave	0.1363	0.1049	0.0500	38500	50000	-23.1	25.0
Diethyl phthalate	Ave	1.018	0.995	0.0500	48900	50000	-2.3	25.0
Fluorene	Ave	1.183	1.201	0.0500	50700	50000	1.5	25.0
4-Chlorophenyl phenyl ether	Ave	0.5773	0.5655	0.0500	49000	50000	-2.0	25.0
4-Nitroaniline	Ave	0.1475	0.1572	0.0500	53300	50000	6.6	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1237	0.1194	0.0500	48300	50000	-3.4	25.0
N-Nitrosodiphenylamine	Ave	0.6238	0.6243	0.0500	50000	50000	0.0	25.0
1,2-Diphenylhydrazine	Ave	1.032	1.073	0.0500	52000	50000	3.9	25.0
4-Bromophenyl phenyl ether	Ave	0.2669	0.2625	0.0500	49200	50000	-1.6	25.0
Hexachlorobenzene	Ave	0.2918	0.2737	0.0500	46900	50000	-6.2	25.0
Atrazine	Ave	0.1971	0.1885	0.0500	47800	50000	-4.3	25.0
Pentachlorophenol	Ave	0.1339	0.1075	0.0500	40100	50000	-19.7	25.0
Phenanthrene	Ave	1.154	1.186	0.0500	51400	50000	2.8	25.0
Anthracene	Ave	1.146	1.188	0.0500	51900	50000	3.7	25.0
Carbazole	Ave	0.8248	0.9381	0.0500	56900	50000	13.7	25.0
Di-n-butyl phthalate	Ave	1.165	1.167	0.0500	50100	50000	0.2	25.0
Fluoranthene	Ave	0.8881	1.021	0.0500	57500	50000	14.9	25.0
Benzidine	Ave	0.0451	0.0715	0.0500	79200	50000	58.4*	25.0
Pyrene	Ave	1.808	1.587	0.0500	43900	50000	-12.2	25.0
Butyl benzyl phthalate	Ave	0.6930	0.6483	0.0500	46800	50000	-6.5	25.0
2,3,7,8-TCDD	Ave	1.584	0.1999	0.0500	63.1	500	-87.4*	25.0
Benzo[a]anthracene	Ave	1.231	1.149	0.0500	46700	50000	-6.6	25.0
3,3'-Dichlorobenzidine	Ave	0.3401	0.3693	0.0500	54300	50000	8.6	25.0
Chrysene	Ave	1.126	1.197	0.0500	53200	50000	6.4	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.9245	0.8480	0.0500	45900	50000	-8.3	25.0
Di-n-octyl phthalate	Ave	1.537	1.418	0.0500	46100	50000	-7.7	25.0
Benzo[b]fluoranthene	Ave	1.100	1.173	0.0500	53400	50000	6.7	25.0
Benzo[k]fluoranthene	Ave	1.237	1.255	0.0500	50700	50000	1.4	25.0
Benzo[a]pyrene	Ave	0.9394	1.009	0.0500	53700	50000	7.4	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8376	0.9236	0.0500	55100	50000	10.3	25.0
Dibenz(a,h)anthracene	Ave	0.8440	0.9552	0.0500	56600	50000	13.2	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92828/1 Calibration Date: 11/13/2011 10:21
 Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11
 Lab File ID: x19568.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	0.998	1.045	0.0500	52300	50000	4.7	25.0
2-Fluorophenol (Surr)	Ave	1.137	1.101	0.0500	48400	50000	-3.2	25.0
Phenol-d5 (Surr)	Ave	1.271	1.160	0.0500	45600	50000	-8.7	25.0
Nitrobenzene-d5 (Surr)	Ave	0.3507	0.3472	0.0500	49500	50000	-1.0	25.0
2-Fluorobiphenyl	Ave	1.476	1.523	0.0500	51600	50000	3.2	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1591	0.1475	0.0500	46300	50000	-7.3	25.0
Terphenyl-d14 (Surr)	Ave	1.248	1.061	0.0500	42500	50000	-15.0	25.0

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11br.b/x19568.d
 Report Date: 13-Nov-2011 14:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11br.b/x19568.d
 Lab Smp Id: CCV-1204235
 Inj Date : 13-NOV-2011 10:21
 Operator : BNAMS 4
 Smp Info : CCV-1204235
 Misc Info :
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11br.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 14:21 czhao
 Cal Date : 13-NOV-2011 10:21
 Als bottle: 19
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19568.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	0.765	0.765 (0.256)	420384	50.0000	44		
19 N-Nitrosodimethylamine	74	0.948	0.948 (0.316)	599637	50.0000	46(M)		
71 Pyridine	79	0.965	0.965 (0.322)	1070884	50.0000	48		
\$ 16 2-Fluorophenol (SUR)	112	1.859	1.859 (0.621)	936464	50.0000	48		
110 Benzaldehyde	77	2.565	2.565 (0.857)	399965	50.0000	79		
\$ 17 Phenol-d5 (SUR)	99	2.712	2.712 (0.906)	986795	50.0000	46		
1 Phenol	94	2.724	2.724 (0.910)	1003999	50.0000	44		
73 Aniline	93	2.683	2.683 (0.896)	1241379	50.0000	47		
20 bis(2-Chloroethyl)ether	93	2.771	2.771 (0.925)	1020740	50.0000	46		
2 2-Chlorophenol	128	2.800	2.800 (0.935)	995189	50.0000	47		
113 n-decane	43	2.883	2.883 (0.963)	1321630	50.0000	50		
21 1,3-Dichlorobenzene	146	2.936	2.936 (0.980)	1405562	50.0000	51		
* 79 1,4-Dichlorobenzene-d4	152	2.995	2.995 (1.000)	680353	40.0000			
22 1,4-Dichlorobenzene	146	3.012	3.012 (1.006)	1376934	50.0000	49		
74 Benzyl Alcohol	108	3.183	3.183 (1.063)	394741	50.0000	35		

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11br.b/x19568.d
Report Date: 13-Nov-2011 14:21

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.165	3.165	(1.057)	1286189	50.0000	50
3 2-Methylphenol	108	3.336	3.336	(1.114)	750405	50.0000	45
122 0-Toluidine	107	3.436	3.436	(1.147)	1067212	50.0000	47
24 bis (2-chloroisopropyl) ether	45	3.324	3.324	(1.110)	1428357	50.0000	51
104 Acetophenone	105	3.447	3.447	(1.151)	1190763	50.0000	46
4 4-Methylphenol	108	3.506	3.506	(1.171)	702154	50.0000	43
121 3 & 4 Methylphenol	108	3.506	3.506	(1.171)	702154	50.0000	43
25 N-Nitroso-di-n-propylamine	70	3.471	3.471	(1.159)	588027	50.0000	48
26 Hexachloroethane	117	3.512	3.512	(1.173)	496655	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	3.589	3.589	(0.832)	942306	50.0000	50
107 N,N-Dimethylaniline	120	3.624	3.624	(1.210)	1523386	50.0000	50
27 Nitrobenzene	77	3.618	3.618	(0.839)	1262405	50.0000	48
28 Isophorone	82	3.871	3.871	(0.898)	1380349	50.0000	49
5 2-Nitrophenol	139	3.942	3.942	(0.914)	532751	50.0000	52
6 2,4-Dimethylphenol	122	4.047	4.047	(0.939)	672041	50.0000	45
29 bis(2-Chloroethoxy)methane	93	4.130	4.130	(0.958)	962358	50.0000	52
7 2,4-Dichlorophenol	162	4.206	4.206	(0.975)	656682	50.0000	49
30 1,2,4-Trichlorobenzene	180	4.271	4.271	(0.990)	899753	50.0000	50
* 80 Naphthalene-d8	136	4.312	4.312	(1.000)	2170941	40.0000	
31 Naphthalene	128	4.336	4.336	(1.005)	2854780	50.0000	49
32 4-Chloroaniline	127	4.430	4.430	(1.027)	859830	50.0000	52
33 Hexachlorobutadiene	225	4.494	4.494	(1.042)	504944	50.0000	47
111 Caprolactam	113	4.818	4.818	(1.117)	154308	50.0000	49
8 4-Chloro-3-methylphenol	107	4.977	4.977	(1.154)	495940	50.0000	45
34 2-Methylnaphthalene	142	5.041	5.041	(1.169)	1629849	50.0000	48
120 1-Methylnaphthalene	142	5.136	5.136	(1.191)	1607648	50.0000	47
35 Hexachlorocyclopentadiene	237	5.212	5.212	(0.861)	339647	50.0000	43
9 2,4,6-Trichlorophenol	196	5.353	5.353	(0.884)	373040	50.0000	48
10 2,4,5-Trichlorophenol	196	5.394	5.394	(0.891)	369293	50.0000	49
\$ 77 2-Fluorobiphenyl (SUR)	172	5.430	5.430	(0.897)	1583271	50.0000	52
102 Diphenyl	154	5.518	5.518	(0.912)	1656289	50.0000	49
36 2-Chloronaphthalene	162	5.518	5.518	(0.912)	1279616	50.0000	51
103 Diphenyl Ether	170	5.630	5.630	(0.930)	948536	50.0000	51
37 2-Nitroaniline	65	5.647	5.647	(0.933)	297617	50.0000	52
38 Dimethylphthalate	163	5.859	5.859	(0.968)	1162016	50.0000	49
114 Coumarin	146	5.836	5.836	(1.353)	369322	50.0000	48
40 2,6-Dinitrotoluene	165	5.900	5.900	(0.975)	268755	50.0000	51
39 Acenaphthylene	152	5.912	5.912	(0.977)	1965732	50.0000	52
41 3-Nitroaniline	138	6.053	6.053	(1.000)	226712	50.0000	51
* 82 Acenaphthene-d10	164	6.053	6.053	(1.000)	831701	40.0000	
42 Acenaphthene	154	6.088	6.088	(1.006)	1162374	50.0000	51
11 2,4-Dinitrophenol	184	6.165	6.165	(1.018)	81760	50.0000	39
12 4-Nitrophenol	65	6.288	6.288	(1.039)	109021	50.0000	38
44 2,4-Dinitrotoluene	165	6.288	6.288	(1.039)	322192	50.0000	53
43 Dibenzofuran	168	6.259	6.259	(1.034)	1640091	50.0000	52
45 Diethylphthalate	149	6.547	6.547	(1.082)	1034502	50.0000	49
46 4-Chlorophenyl-phenylether	204	6.612	6.612	(1.092)	587892	50.0000	49

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11br.b/x19568.d
 Report Date: 13-Nov-2011 14:21

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====	=====	=====	=====
47 Fluorene	166	6.588	6.588	(1.088)	1248184	50.0000	51
48 4-Nitroaniline	138	6.647	6.647	(1.098)	163399	50.0000	53
13 4,6-Dinitro-2-methylphenol	198	6.683	6.683	(0.894)	137008	50.0000	48
49 N-Nitrosodiphenylamine	169	6.736	6.736	(0.901)	716208	50.0000	50
75 1,2-Diphenylhydrazine	77	6.765	6.765	(0.905)	1230518	50.0000	52
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.824	6.824	(1.127)	153314	50.0000	46
50 4-Bromophenyl-phenylether	248	7.077	7.077	(0.946)	301205	50.0000	49
51 Hexachlorobenzene	284	7.124	7.124	(0.953)	313956	50.0000	47
112 Atrazine	200	7.288	7.288	(0.975)	216301	50.0000	48
14 Pentachlorophenol	266	7.330	7.330	(0.980)	123319	50.0000	40
* 83 Phenanthrene-d10	188	7.477	7.477	(1.000)	917802	40.0000	
52 Phenanthrene	178	7.500	7.500	(1.003)	1360977	50.0000	51
53 Anthracene	178	7.553	7.553	(1.010)	1363426	50.0000	52
54 Carbazole	167	7.730	7.730	(1.034)	1076196	50.0000	57
55 Di-n-butylphthalate	149	8.130	8.130	(1.087)	1338357	50.0000	50
56 Fluoranthene	202	8.641	8.641	(1.156)	1170903	50.0000	57
58 Benzidine	184	8.835	8.835	(1.182)	82036	50.0000	79
57 Pyrene	202	8.847	8.847	(0.883)	1185082	50.0000	44
\$ 78 Terphenyl-d14	244	9.047	9.047	(0.903)	792164	50.0000	42
59 Butylbenzylphthalate	149	9.553	9.553	(0.954)	484084	50.0000	47
60 3,3'-Dichlorobenzidine	252	10.018	10.018	(1.000)	275735	50.0000	54
61 Benzo(a)anthracene	228	10.006	10.006	(0.999)	858182	50.0000	47
* 81 Chrysene-d12	240	10.018	10.018	(1.000)	597398	40.0000	
62 Chrysene	228	10.041	10.041	(1.002)	894032	50.0000	53
63 bis(2-Ethylhexyl)phthalate	149	10.141	10.141	(1.012)	633256	50.0000	46
64 Di-n-octylphthalate	149	10.794	10.794	(0.939)	953911	50.0000	46
65 Benzo(b)fluoranthene	252	11.082	11.082	(0.964)	789383	50.0000	53
66 Benzo(k)fluoranthene	252	11.112	11.112	(0.967)	844187	50.0000	51
67 Benzo(a)pyrene	252	11.429	11.429	(0.994)	678513	50.0000	54
* 84 Perylene-d12	264	11.494	11.494	(1.000)	538196	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	12.717	12.717	(1.106)	621331	50.0000	55
69 Dibenz(a,h)anthracene	278	12.747	12.747	(1.109)	642570	50.0000	56
70 Benzo(g,h,i)perylene	276	13.012	13.012	(1.132)	703057	50.0000	52

QC Flag Legend

M - Compound response manually integrated.

Data File: x19568.d

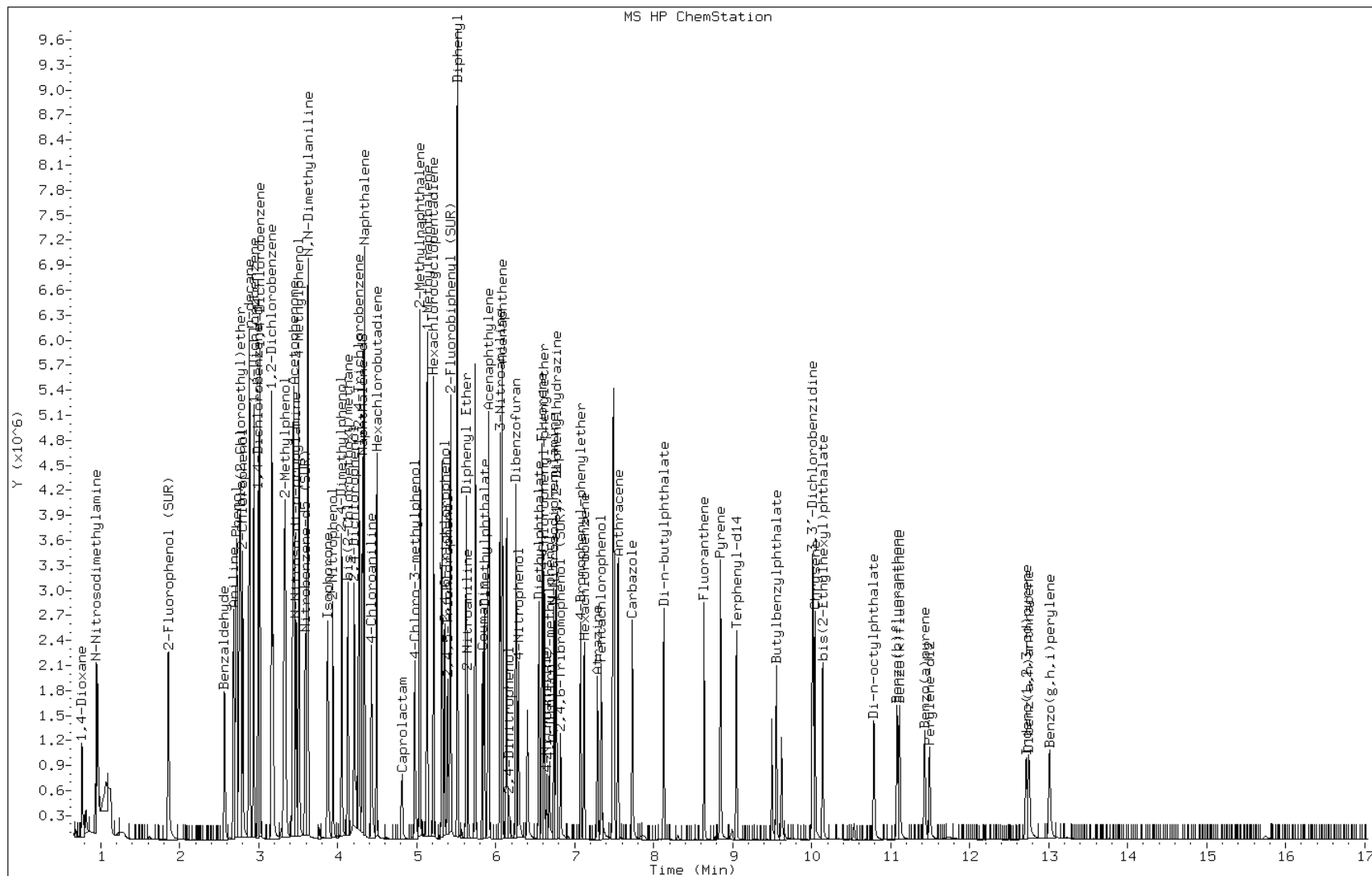
Date: 13-NOV-2011 10:21

Client ID:

Instrument: BNAMS5.i

Sample Info: CCV-1204235

Operator: BNAMS 4

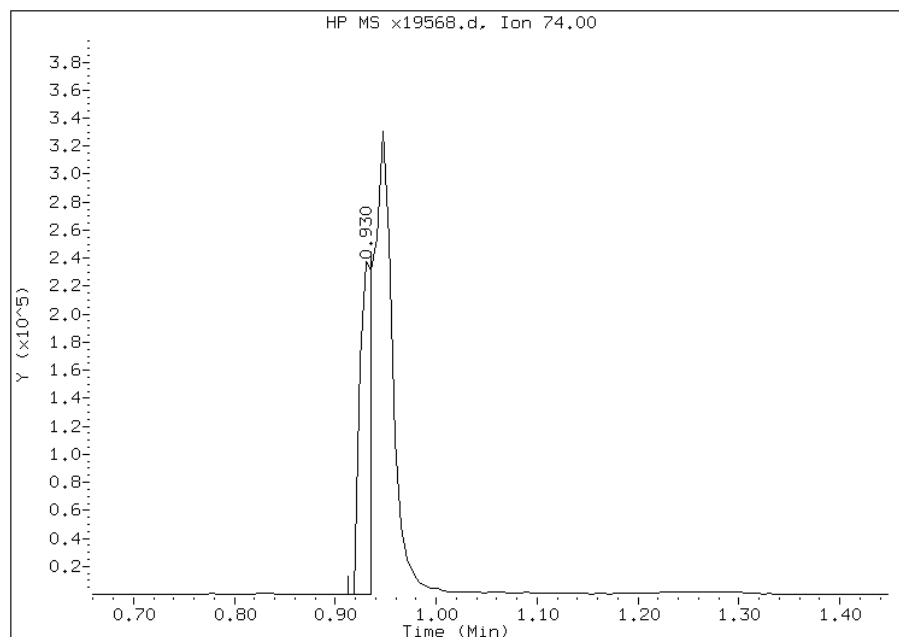


Manual Integration Report

Data File: x19568.d
Inj. Date and Time: 13-NOV-2011 10:21
Instrument ID: BNAMS5.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 62-75-9
Report Date: 11/13/2011

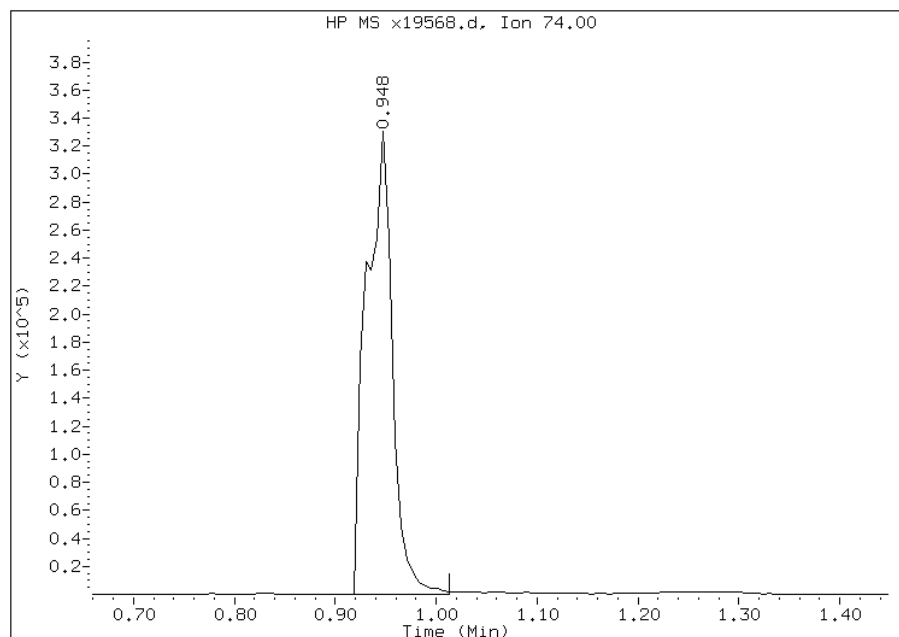
Processing Integration Results

RT: 0.93
Response: 224537
Amount: 17
Conc: 17



Manual Integration Results

RT: 0.95
Response: 599637
Amount: 47
Conc: 47



Manually Integrated By: wahied
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCVIS 460-92952/2 Calibration Date: 11/13/2011 18:03

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19570.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5634	0.5179	0.0500	46000	50000	-8.1	25.0
N-Nitrosodimethylamine	Ave	0.7566	0.7186	0.0500	47500	50000	-5.0	25.0
Pyridine	Ave	1.313	1.263	0.0500	48100	50000	-3.8	25.0
Benzaldehyde	Ave	0.2965	0.4353	0.0500	73400	50000	46.8*	25.0
Aniline	Ave	1.538	1.485	0.0500	48300	50000	-3.4	25.0
Phenol	Ave	1.354	1.168	0.0500	43100	50000	-13.7	25.0
Bis(2-chloroethyl)ether	Ave	1.309	1.178	0.0500	45000	50000	-10.0	25.0
2-Chlorophenol	Ave	1.248	1.173	0.0500	47000	50000	-6.0	25.0
n-Decane	Ave	1.536	1.593	0.0500	51900	50000	3.7	25.0
1,3-Dichlorobenzene	Ave	1.626	1.656	0.0500	50900	50000	1.9	25.0
1,4-Dichlorobenzene	Ave	1.653	1.639	0.0500	49600	50000	-0.9	25.0
1,2-Dichlorobenzene	Ave	1.513	1.537	0.0500	50800	50000	1.6	25.0
Benzyl alcohol	Ave	0.6659	0.6191	0.0500	46500	50000	-7.0	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.653	1.639	0.0500	49600	50000	-0.8	25.0
2-Methylphenol	Ave	0.9770	0.8847	0.0500	45300	50000	-9.4	25.0
Acetophenone	Ave	1.528	1.413	0.0500	46300	50000	-7.5	25.0
N-Nitrosodi-n-propylamine	Ave	0.7222	0.6885	0.0500	47700	50000	-4.7	25.0
3 & 4 Methylphenol	Ave	0.9551	0.8675	0.0500	45400	50000	-9.2	25.0
4-Methylphenol	Ave	0.9551	0.8675	0.0500	45400	50000	-9.2	25.0
Hexachloroethane	Ave	0.5876	0.5866	0.0500	49900	50000	-0.2	25.0
Nitrobenzene	Ave	0.4823	0.4643	0.0500	48100	50000	-3.7	25.0
n,n'-Dimethylaniline	Ave	1.801	1.803	0.0500	50100	50000	0.2	25.0
Isophorone	Ave	0.5164	0.5086	0.0500	49200	50000	-1.5	25.0
2-Nitrophenol	Ave	0.1868	0.1948	0.0500	52100	50000	4.3	25.0
2,4-Dimethylphenol	Ave	0.2757	0.2607	0.0500	47300	50000	-5.4	25.0
Bis(2-chloroethoxy)methane	Ave	0.3419	0.3445	0.0500	50400	50000	0.7	25.0
2,4-Dichlorophenol	Ave	0.2446	0.2450	0.0500	50100	50000	0.2	25.0
1,2,4-Trichlorobenzene	Ave	0.3279	0.3346	0.0500	51000	50000	2.0	25.0
Naphthalene	Ave	1.065	1.049	0.0500	49300	50000	-1.5	25.0
4-Chloroaniline	Ave	0.3067	0.3184	0.0500	51900	50000	3.8	25.0
Hexachlorobutadiene	Ave	0.1982	0.1849	0.0500	46700	50000	-6.7	25.0
Caprolactam	Ave	0.0576	0.0598	0.0500	51900	50000	3.9	25.0
4-Chloro-3-methylphenol	Ave	0.2030	0.2030	0.0500	50000	50000	-0.0	25.0
2-Methylnaphthalene	Ave	0.6284	0.6045	0.0500	48100	50000	-3.8	25.0
1-Methylnaphthalene	Ave	0.6281	0.5977	0.0500	47600	50000	-4.8	25.0
Hexachlorocyclopentadiene	Ave	0.3827	0.3437	0.0500	44900	50000	-10.2	25.0
2,4,6-Trichlorophenol	Ave	0.3761	0.3701	0.0500	49200	50000	-1.6	25.0
2,4,5-Trichlorophenol	Ave	0.3603	0.3697	0.0500	51300	50000	2.6	25.0
1,1'-Biphenyl	Ave	1.617	1.551	0.0500	47900	50000	-4.1	25.0
2-Chloronaphthalene	Ave	1.215	1.219	0.0500	50100	50000	0.3	25.0
Phenyl ether	Ave	0.8885	0.8901	0.0500	50100	50000	0.2	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCVIS 460-92952/2 Calibration Date: 11/13/2011 18:03

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19570.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.2756	0.2974	0.0500	54000	50000	7.9	25.0
Coumarin	Ave	0.1413	0.1450	0.0500	51300	50000	2.6	25.0
Dimethyl phthalate	Ave	1.132	1.121	0.0500	49500	50000	-0.9	25.0
2,6-Dinitrotoluene	Ave	0.2514	0.2672	0.0500	53100	50000	6.3	25.0
Acenaphthylene	Ave	1.805	1.862	0.0500	51600	50000	3.2	25.0
3-Nitroaniline	Ave	0.2143	0.2165	0.0500	50500	50000	1.0	25.0
Acenaphthene	Ave	1.092	1.121	0.0500	51300	50000	2.7	25.0
2,4-Dinitrophenol	Ave	0.1019	0.1109	0.0500	54400	50000	8.9	25.0
Dibenzofuran	Ave	1.514	1.565	0.0500	51700	50000	3.4	25.0
2,4-Dinitrotoluene	Ave	0.2946	0.3127	0.0500	53100	50000	6.2	25.0
4-Nitrophenol	Ave	0.1363	0.1366	0.0500	50100	50000	0.2	25.0
Diethyl phthalate	Ave	1.018	1.006	0.0500	49400	50000	-1.2	25.0
Fluorene	Ave	1.183	1.213	0.0500	51300	50000	2.5	25.0
4-Chlorophenyl phenyl ether	Ave	0.5773	0.5649	0.0500	48900	50000	-2.2	25.0
4-Nitroaniline	Ave	0.1475	0.1568	0.0500	53200	50000	6.3	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1237	0.1278	0.0500	51700	50000	3.3	25.0
N-Nitrosodiphenylamine	Ave	0.6238	0.6150	0.0500	49300	50000	-1.4	25.0
1,2-Diphenylhydrazine	Ave	1.032	1.036	0.0500	50200	50000	0.4	25.0
4-Bromophenyl phenyl ether	Ave	0.2669	0.2569	0.0500	48100	50000	-3.7	25.0
Hexachlorobenzene	Ave	0.2918	0.2720	0.0500	46600	50000	-6.8	25.0
Atrazine	Ave	0.1971	0.1857	0.0500	47100	50000	-5.8	25.0
Pentachlorophenol	Ave	0.1339	0.1335	0.0500	49800	50000	-0.3	25.0
Phenanthrene	Ave	1.154	1.150	0.0500	49800	50000	-0.4	25.0
Anthracene	Ave	1.146	1.187	0.0500	51800	50000	3.6	25.0
Carbazole	Ave	0.8248	0.9150	0.0500	55500	50000	10.9	25.0
Di-n-butyl phthalate	Ave	1.165	1.120	0.0500	48100	50000	-3.8	25.0
Fluoranthene	Ave	0.8881	0.9624	0.0500	54200	50000	8.4	25.0
Pyrene	Ave	1.808	1.687	0.0500	46600	50000	-6.7	25.0
Benzidine	Ave	0.0451	0.0781	0.0500	86500	50000	73.1*	25.0
Butyl benzyl phthalate	Ave	0.6930	0.6267	0.0500	45200	50000	-9.6	25.0
2,3,7,8-TCDD	Ave	1.584	0.2014	0.0500	63.6	500	-87.3*	25.0
Benzo[a]anthracene	Ave	1.231	1.180	0.0500	47900	50000	-4.2	25.0
3,3'-Dichlorobenzidine	Ave	0.3401	0.3497	0.0500	51400	50000	2.8	25.0
Chrysene	Ave	1.126	1.188	0.0500	52800	50000	5.6	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.9245	0.8308	0.0500	44900	50000	-10.1	25.0
Di-n-octyl phthalate	Ave	1.537	1.491	0.0500	48500	50000	-3.0	25.0
Benzo[b]fluoranthene	Ave	1.100	1.221	0.0500	55500	50000	11.0	25.0
Benzo[k]fluoranthene	Ave	1.237	1.352	0.0500	54600	50000	9.3	25.0
Benzo[a]pyrene	Ave	0.9394	1.006	0.0500	53500	50000	7.1	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8376	0.8804	0.0500	52600	50000	5.1	25.0
Dibenz(a,h)anthracene	Ave	0.8440	0.9899	0.0500	58600	50000	17.3	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab Sample ID: CCVIS 460-92952/2 Calibration Date: 11/13/2011 18:03
Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11
Lab File ID: x19570.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	0.998	0.9863	0.0500	49400	50000	-1.2	25.0
2-Fluorophenol (Surr)	Ave	1.137	1.114	0.0500	49000	50000	-2.1	25.0
Phenol-d5 (Surr)	Ave	1.271	1.168	0.0500	46000	50000	-8.1	25.0
Nitrobenzene-d5 (Surr)	Ave	0.3507	0.3442	0.0500	49100	50000	-1.9	25.0
2-Fluorobiphenyl	Ave	1.476	1.485	0.0500	50300	50000	0.6	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1591	0.1581	0.0500	49700	50000	-0.6	25.0
Terphenyl-d14 (Surr)	Ave	1.248	1.066	0.0500	42700	50000	-14.6	25.0

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19570.d
 Report Date: 13-Nov-2011 18:34

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19570.d
 Lab Smp Id: CCVIS-1204235
 Inj Date : 13-NOV-2011 18:03
 Operator : BNAMS 4
 Smp Info : CCVIS-1204235
 Misc Info : 50ppm bna4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 18:34 czhao
 Cal Date : 13-NOV-2011 18:03
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19570.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	0.736	0.736	(0.249)	409207	50.0000	46	
19 N-Nitrosodimethylamine	74	0.901	0.901	(0.304)	567836	50.0000	47	
71 Pyridine	79	0.912	0.912	(0.308)	998272	50.0000	48	
\$ 16 2-Fluorophenol (SUR)	112	1.812	1.812	(0.612)	879917	50.0000	49	
110 Benzaldehyde	77	2.530	2.530	(0.855)	343981	50.0000	73	
\$ 17 Phenol-d5 (SUR)	99	2.671	2.671	(0.903)	923268	50.0000	46	
1 Phenol	94	2.689	2.689	(0.909)	923139	50.0000	43	
73 Aniline	93	2.648	2.648	(0.895)	1173520	50.0000	48	
20 bis(2-Chloroethyl)ether	93	2.730	2.730	(0.922)	931001	50.0000	45	
2 2-Chlorophenol	128	2.759	2.759	(0.932)	926958	50.0000	47	
113 n-decane	43	2.848	2.848	(0.962)	1258809	50.0000	52	
21 1,3-Dichlorobenzene	146	2.900	2.900	(0.980)	1308472	50.0000	51	
* 79 1,4-Dichlorobenzene-d4	152	2.959	2.959	(1.000)	632136	40.0000		
22 1,4-Dichlorobenzene	146	2.977	2.977	(1.006)	1295036	50.0000	50	
74 Benzyl Alcohol	108	3.142	3.142	(1.062)	489201	50.0000	46	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19570.d
 Report Date: 13-Nov-2011 18:34

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.124	3.124	(1.056)	1214346	50.0000	51
3 2-Methylphenol	108	3.295	3.295	(1.113)	699065	50.0000	45
122 0-Toluidine	107	3.395	3.395	(1.147)	958673	50.0000	45
24 bis (2-chloroisopropyl) ether	45	3.283	3.283	(1.109)	1295335	50.0000	50
104 Acetophenone	105	3.406	3.406	(1.151)	1116653	50.0000	46
4 4-Methylphenol	108	3.465	3.465	(1.171)	685455	50.0000	45
121 3 & 4 Methylphenol	108	3.465	3.465	(1.171)	685455	50.0000	45
25 N-Nitroso-di-n-propylamine	70	3.430	3.430	(1.159)	544033	50.0000	48(H)
26 Hexachloroethane	117	3.471	3.471	(1.173)	463512	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	3.547	3.547	(0.829)	868581	50.0000	49
107 N,N-Dimethylaniline	120	3.583	3.583	(1.211)	1425031	50.0000	50
27 Nitrobenzene	77	3.571	3.571	(0.835)	1171864	50.0000	48
28 Isophorone	82	3.830	3.830	(0.895)	1283648	50.0000	49
5 2-Nitrophenol	139	3.900	3.900	(0.912)	491582	50.0000	52
6 2,4-Dimethylphenol	122	4.012	4.012	(0.938)	657959	50.0000	47
29 bis(2-Chloroethoxy)methane	93	4.095	4.095	(0.957)	869389	50.0000	50
7 2,4-Dichlorophenol	162	4.165	4.165	(0.974)	618390	50.0000	50
30 1,2,4-Trichlorobenzene	180	4.230	4.230	(0.989)	844331	50.0000	51
* 80 Naphthalene-d8	136	4.277	4.277	(1.000)	2018969	40.0000	
31 Naphthalene	128	4.295	4.295	(1.004)	2647097	50.0000	49
32 4-Chloroaniline	127	4.389	4.389	(1.026)	803548	50.0000	52
33 Hexachlorobutadiene	225	4.453	4.453	(1.041)	466692	50.0000	47
111 Caprolactam	113	4.777	4.777	(1.117)	150950	50.0000	52
8 4-Chloro-3-methylphenol	107	4.936	4.936	(1.154)	512241	50.0000	50
34 2-Methylnaphthalene	142	5.000	5.000	(1.169)	1525459	50.0000	48
120 1-Methylnaphthalene	142	5.094	5.094	(1.191)	1508401	50.0000	48
35 Hexachlorocyclopentadiene	237	5.177	5.177	(0.861)	347149	50.0000	45
9 2,4,6-Trichlorophenol	196	5.312	5.312	(0.884)	373780	50.0000	49
10 2,4,5-Trichlorophenol	196	5.353	5.353	(0.890)	373368	50.0000	51
\$ 77 2-Fluorobiphenyl (SUR)	172	5.389	5.389	(0.896)	1499497	50.0000	50
102 Diphenyl	154	5.477	5.477	(0.911)	1565970	50.0000	48
36 2-Chloronaphthalene	162	5.477	5.477	(0.911)	1230899	50.0000	50
103 Diphenyl Ether	170	5.589	5.589	(0.930)	898909	50.0000	50
37 2-Nitroaniline	65	5.606	5.606	(0.932)	300341	50.0000	54
38 Dimethylphthalate	163	5.818	5.818	(0.968)	1132596	50.0000	50
114 Coumarin	146	5.794	5.794	(1.355)	366004	50.0000	51
40 2,6-Dinitrotoluene	165	5.859	5.859	(0.975)	269886	50.0000	53
39 Acenaphthylene	152	5.871	5.871	(0.977)	1880231	50.0000	52
41 3-Nitroaniline	138	6.018	6.018	(1.001)	218624	50.0000	50
* 82 Acenaphthene-d10	164	6.012	6.012	(1.000)	807963	40.0000	
42 Acenaphthene	154	6.047	6.047	(1.006)	1132394	50.0000	51
11 2,4-Dinitrophenol	184	6.124	6.124	(1.019)	111982	50.0000	54
12 4-Nitrophenol	65	6.247	6.247	(1.039)	137963	50.0000	50
44 2,4-Dinitrotoluene	165	6.247	6.247	(1.039)	315811	50.0000	53
43 Dibenzofuran	168	6.218	6.218	(1.034)	1580954	50.0000	52
45 Diethylphthalate	149	6.506	6.506	(1.082)	1015992	50.0000	49
46 4-Chlorophenyl-phenylether	204	6.571	6.571	(1.093)	570475	50.0000	49

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19570.d
 Report Date: 13-Nov-2011 18:34

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
47 Fluorene	166	6.547	6.547	(1.089)	1225063	50.0000	51
48 4-Nitroaniline	138	6.600	6.600	(1.098)	158363	50.0000	53
13 4,6-Dinitro-2-methylphenol	198	6.641	6.641	(0.894)	146988	50.0000	52
49 N-Nitrosodiphenylamine	169	6.694	6.694	(0.901)	707387	50.0000	49
75 1,2-Diphenylhydrazine	77	6.724	6.724	(0.905)	1191718	50.0000	50
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.783	6.783	(1.128)	159696	50.0000	50
50 4-Bromophenyl-phenylether	248	7.035	7.035	(0.947)	295465	50.0000	48
51 Hexachlorobenzene	284	7.077	7.077	(0.952)	312837	50.0000	47
112 Atrazine	200	7.247	7.247	(0.975)	213626	50.0000	47
14 Pentachlorophenol	266	7.283	7.283	(0.980)	153553	50.0000	50
* 83 Phenanthrene-d10	188	7.430	7.430	(1.000)	920219	40.0000	
52 Phenanthrene	178	7.453	7.453	(1.003)	1322283	50.0000	50
53 Anthracene	178	7.500	7.500	(1.010)	1365584	50.0000	52
54 Carbazole	167	7.683	7.683	(1.034)	1052458	50.0000	55
55 Di-n-butylphthalate	149	8.077	8.077	(1.087)	1288073	50.0000	48
56 Fluoranthene	202	8.582	8.582	(1.155)	1107017	50.0000	54
58 Benzidine	184	8.771	8.771	(1.181)	89842	50.0000	86
57 Pyrene	202	8.582	8.582	(0.863)	1107017	50.0000	47
\$ 78 Terphenyl-d14	244	8.982	8.982	(0.903)	699636	50.0000	43
59 Butylbenzylphthalate	149	9.488	9.488	(0.954)	411368	50.0000	45
60 3,3'-Dichlorobenzidine	252	9.953	9.953	(1.001)	229563	50.0000	51
61 Benzo(a)anthracene	228	9.941	9.941	(0.999)	774405	50.0000	48
* 81 Chrysene-d12	240	9.947	9.947	(1.000)	525118	40.0000	
62 Chrysene	228	9.971	9.971	(1.002)	779874	50.0000	53
63 bis(2-Ethylhexyl)phthalate	149	10.076	10.076	(1.013)	545323	50.0000	45
64 Di-n-octylphthalate	149	10.718	10.718	(0.940)	810732	50.0000	48
65 Benzo(b)fluoranthene	252	11.006	11.006	(0.965)	664030	50.0000	56
66 Benzo(k)fluoranthene	252	11.029	11.029	(0.967)	735336	50.0000	55
67 Benzo(a)pyrene	252	11.347	11.347	(0.995)	547002	50.0000	54
* 84 Perylene-d12	264	11.406	11.406	(1.000)	435059	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	12.612	12.612	(1.106)	478785	50.0000	52
69 Dibenz(a,h)anthracene	278	12.647	12.647	(1.109)	538304	50.0000	59
70 Benzo(g,h,i)perylene	276	12.906	12.906	(1.131)	536346	50.0000	49

QC Flag Legend

H - Operator selected an alternate compound hit.

Data File: x19570.d

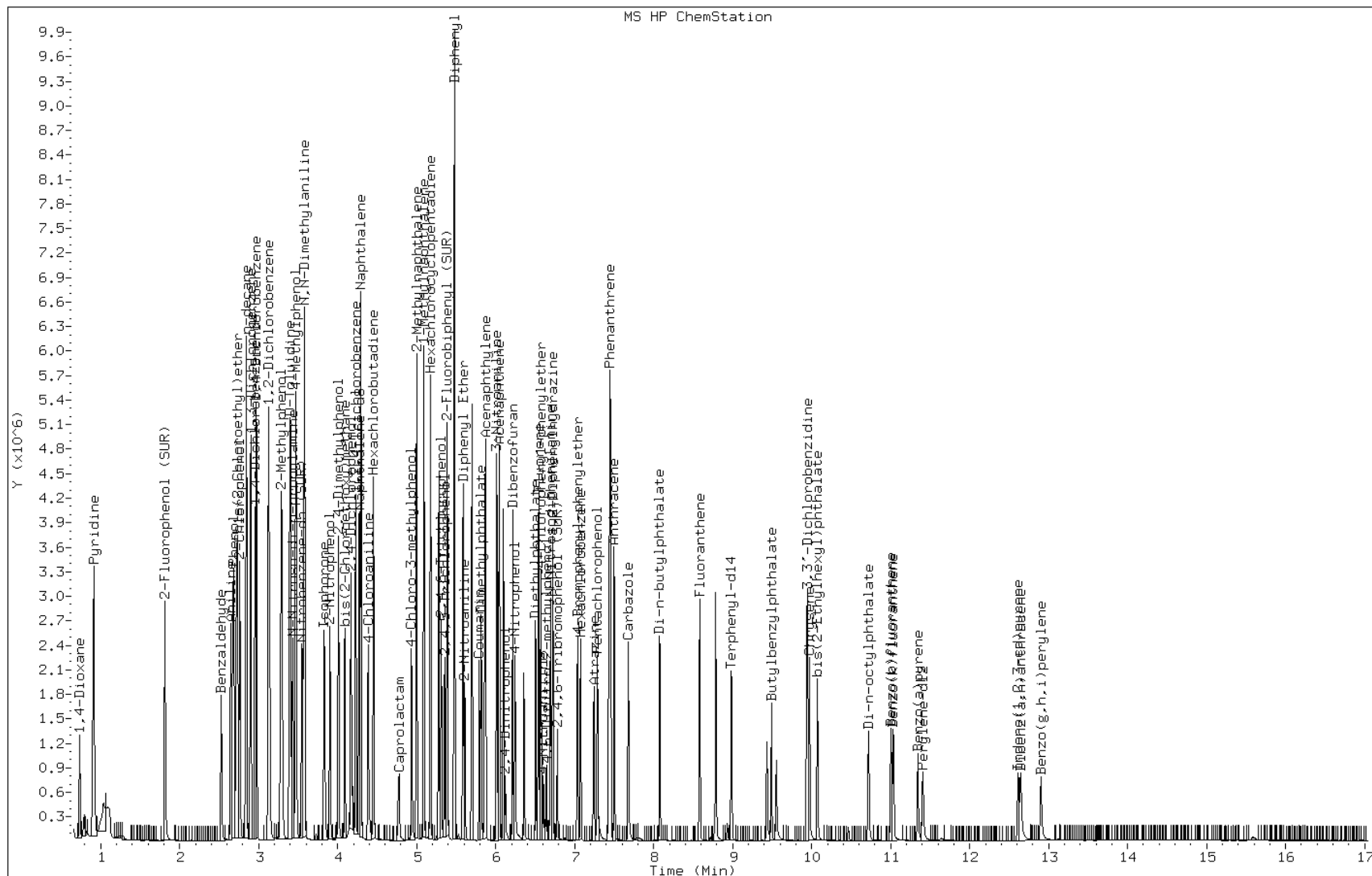
Date: 13-NOV-2011 18:03

Client ID:

Instrument: BNAMS5.i

Sample Info: CCVIS-1204235

Operator: BNAMS 4



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCV 460-92953/1 Calibration Date: 11/13/2011 19:50

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19574.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.5634	0.5046	0.0500	44800	50000	-10.4	25.0
N-Nitrosodimethylamine	Ave	0.7566	0.7146	0.0500	47200	50000	-5.6	25.0
Pyridine	Ave	1.313	1.282	0.0500	48800	50000	-2.4	25.0
Benzaldehyde	Ave	0.2965	0.4715	0.0500	79500	50000	59.0*	25.0
Aniline	Ave	1.538	1.488	0.0500	48400	50000	-3.2	25.0
Phenol	Ave	1.354	1.154	0.0500	42600	50000	-14.8	25.0
Bis(2-chloroethyl)ether	Ave	1.309	1.196	0.0500	45700	50000	-8.6	25.0
2-Chlorophenol	Ave	1.248	1.179	0.0500	47200	50000	-5.5	25.0
n-Decane	Ave	1.536	1.569	0.0500	51100	50000	2.1	25.0
1,3-Dichlorobenzene	Ave	1.626	1.660	0.0500	51100	50000	2.1	25.0
1,4-Dichlorobenzene	Ave	1.653	1.643	0.0500	49700	50000	-0.6	25.0
1,2-Dichlorobenzene	Ave	1.513	1.516	0.0500	50100	50000	0.2	25.0
Benzyl alcohol	Ave	0.6659	0.6197	0.0500	46500	50000	-6.9	25.0
2,2'-oxybis[1-chloropropane]	Ave	1.653	1.647	0.0500	49800	50000	-0.4	25.0
2-Methylphenol	Ave	0.9770	0.8823	0.0500	45100	50000	-9.7	25.0
Acetophenone	Ave	1.528	1.408	0.0500	46100	50000	-7.8	25.0
N-Nitrosodi-n-propylamine	Ave	0.7222	0.6830	0.0500	47300	50000	-5.4	25.0
3 & 4 Methylphenol	Ave	0.9551	0.8578	0.0500	44900	50000	-10.2	25.0
4-Methylphenol	Ave	0.9551	0.8578	0.0500	44900	50000	-10.2	25.0
Hexachloroethane	Ave	0.5876	0.5938	0.0500	50500	50000	1.1	25.0
Nitrobenzene	Ave	0.4823	0.4708	0.0500	48800	50000	-2.4	25.0
n,n'-Dimethylaniline	Ave	1.801	1.812	0.0500	50300	50000	0.6	25.0
Isophorone	Ave	0.5164	0.4984	0.0500	48200	50000	-3.5	25.0
2-Nitrophenol	Ave	0.1868	0.1934	0.0500	51800	50000	3.6	25.0
2,4-Dimethylphenol	Ave	0.2757	0.2566	0.0500	46500	50000	-7.0	25.0
Bis(2-chloroethoxy)methane	Ave	0.3419	0.3498	0.0500	51100	50000	2.3	25.0
2,4-Dichlorophenol	Ave	0.2446	0.2399	0.0500	49000	50000	-1.9	25.0
1,2,4-Trichlorobenzene	Ave	0.3279	0.3324	0.0500	50700	50000	1.4	25.0
Naphthalene	Ave	1.065	1.057	0.0500	49600	50000	-0.7	25.0
4-Chloroaniline	Ave	0.3067	0.3088	0.0500	50300	50000	0.7	25.0
Hexachlorobutadiene	Ave	0.1982	0.1860	0.0500	46900	50000	-6.2	25.0
Caprolactam	Ave	0.0576	0.0559	0.0500	48600	50000	-2.8	25.0
4-Chloro-3-methylphenol	Ave	0.2030	0.1914	0.0500	47100	50000	-5.7	25.0
2-Methylnaphthalene	Ave	0.6284	0.6021	0.0500	47900	50000	-4.2	25.0
1-Methylnaphthalene	Ave	0.6281	0.5886	0.0500	46900	50000	-6.3	25.0
Hexachlorocyclopentadiene	Ave	0.3827	0.3526	0.0500	46100	50000	-7.9	25.0
2,4,6-Trichlorophenol	Ave	0.3761	0.3663	0.0500	48700	50000	-2.6	25.0
2,4,5-Trichlorophenol	Ave	0.3603	0.3531	0.0500	49000	50000	-2.0	25.0
1,1'-Biphenyl	Ave	1.617	1.599	0.0500	49400	50000	-1.1	25.0
2-Chloronaphthalene	Ave	1.215	1.255	0.0500	51600	50000	3.3	25.0
Phenyl ether	Ave	0.8885	0.9005	0.0500	50700	50000	1.3	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Lab Sample ID: CCV 460-92953/1 Calibration Date: 11/13/2011 19:50

Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21

GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11

Lab File ID: x19574.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.2756	0.2996	0.0500	54400	50000	8.7	25.0
Coumarin	Ave	0.1413	0.1332	0.0500	47100	50000	-5.8	25.0
Dimethyl phthalate	Ave	1.132	1.101	0.0500	48600	50000	-2.7	25.0
2,6-Dinitrotoluene	Ave	0.2514	0.2569	0.0500	51100	50000	2.2	25.0
Acenaphthylene	Ave	1.805	1.872	0.0500	51900	50000	3.7	25.0
3-Nitroaniline	Ave	0.2143	0.2090	0.0500	48800	50000	-2.5	25.0
Acenaphthene	Ave	1.092	1.097	0.0500	50200	50000	0.5	25.0
2,4-Dinitrophenol	Ave	0.1019	0.1008	0.0500	49500	50000	-1.0	25.0
Dibenzofuran	Ave	1.514	1.538	0.0500	50800	50000	1.6	25.0
2,4-Dinitrotoluene	Ave	0.2946	0.2936	0.0500	49800	50000	-0.3	25.0
4-Nitrophenol	Ave	0.1363	0.1216	0.0500	44600	50000	-10.8	25.0
Diethyl phthalate	Ave	1.018	0.9566	0.0500	47000	50000	-6.0	25.0
Fluorene	Ave	1.183	1.167	0.0500	49300	50000	-1.4	25.0
4-Chlorophenyl phenyl ether	Ave	0.5773	0.5494	0.0500	47600	50000	-4.8	25.0
4-Nitroaniline	Ave	0.1475	0.1586	0.0500	53800	50000	7.6	25.0
4,6-Dinitro-2-methylphenol	Ave	0.1237	0.1292	0.0500	52200	50000	4.5	25.0
N-Nitrosodiphenylamine	Ave	0.6238	0.6069	0.0500	48600	50000	-2.7	25.0
1,2-Diphenylhydrazine	Ave	1.032	1.060	0.0500	51400	50000	2.7	25.0
4-Bromophenyl phenyl ether	Ave	0.2669	0.2594	0.0500	48600	50000	-2.8	25.0
Hexachlorobenzene	Ave	0.2918	0.2767	0.0500	47400	50000	-5.2	25.0
Atrazine	Ave	0.1971	0.1798	0.0500	45600	50000	-8.8	25.0
Pentachlorophenol	Ave	0.1339	0.1252	0.0500	46800	50000	-6.5	25.0
Phenanthrene	Ave	1.154	1.140	0.0500	49400	50000	-1.2	25.0
Anthracene	Ave	1.146	1.183	0.0500	51600	50000	3.3	25.0
Carbazole	Ave	0.8248	0.9098	0.0500	55200	50000	10.3	25.0
Di-n-butyl phthalate	Ave	1.165	1.125	0.0500	48300	50000	-3.4	25.0
Fluoranthene	Ave	0.8881	0.9555	0.0500	53800	50000	7.6	25.0
Pyrene	Ave	1.808	1.647	0.0500	45500	50000	-8.9	25.0
Benzidine	Ave	0.0451	0.0947	0.0500	105000	50000	109.9*	25.0
Butyl benzyl phthalate	Ave	0.6930	0.6507	0.0500	46900	50000	-6.1	25.0
2,3,7,8-TCDD	Ave	1.584	0.1703	0.0500	53.8	500	-89.2*	25.0
Benzo[a]anthracene	Ave	1.231	1.186	0.0500	48200	50000	-3.6	25.0
3,3'-Dichlorobenzidine	Ave	0.3401	0.3782	0.0500	55600	50000	11.2	25.0
Chrysene	Ave	1.126	1.232	0.0500	54700	50000	9.5	25.0
Bis(2-ethylhexyl) phthalate	Ave	0.9245	0.8557	0.0500	46300	50000	-7.4	25.0
Di-n-octyl phthalate	Ave	1.537	1.405	0.0500	45700	50000	-8.5	25.0
Benzo[b]fluoranthene	Ave	1.100	1.112	0.0500	50600	50000	1.1	25.0
Benzo[k]fluoranthene	Ave	1.237	1.313	0.0500	53100	50000	6.1	25.0
Benzo[a]pyrene	Ave	0.9394	0.9884	0.0500	52600	50000	5.2	25.0
Indeno[1,2,3-cd]pyrene	Ave	0.8376	0.8746	0.0500	52200	50000	4.4	25.0
Dibenz(a,h)anthracene	Ave	0.8440	0.8513	0.0500	50400	50000	0.9	25.0

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab Sample ID: CCV 460-92953/1 Calibration Date: 11/13/2011 19:50
Instrument ID: BNAMS5 Calib Start Date: 11/05/2011 04:21
GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/05/2011 06:11
Lab File ID: x19574.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	0.998	0.9915	0.0500	49700	50000	-0.7	25.0
2-Fluorophenol (Surr)	Ave	1.137	1.106	0.0500	48600	50000	-2.7	25.0
Phenol-d5 (Surr)	Ave	1.271	1.168	0.0500	45900	50000	-8.1	25.0
Nitrobenzene-d5 (Surr)	Ave	0.3507	0.3434	0.0500	49000	50000	-2.1	25.0
2-Fluorobiphenyl	Ave	1.476	1.514	0.0500	51300	50000	2.6	25.0
2,4,6-Tribromophenol (Surr)	Ave	0.1591	0.1533	0.0500	48200	50000	-3.6	25.0
Terphenyl-d14 (Surr)	Ave	1.248	1.063	0.0500	42600	50000	-14.8	25.0

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13nov11abr.b/x19574.d
 Report Date: 14-Nov-2011 09:54

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13nov11abr.b/x19574.d
 Lab Smp Id: CCV-1204235
 Inj Date : 13-NOV-2011 19:50
 Operator : BNAMS 4
 Smp Info : CCV-1204235
 Misc Info : 50 ppm bna 4600
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13nov11abr.b/8270Cdel_08.m
 Meth Date : 14-Nov-2011 09:54 croccom
 Cal Date : 13-NOV-2011 19:50
 Als bottle: 6
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ISTD
 Cal File: x19574.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	0.736	0.736	(0.249)	406661	50.0000	45	
19 N-Nitrosodimethylamine	74	0.906	0.906	(0.306)	575930	50.0000	47	
71 Pyridine	79	0.918	0.918	(0.310)	1032871	50.0000	49	
\$ 16 2-Fluorophenol (SUR)	112	1.818	1.818	(0.614)	891558	50.0000	49	
110 Benzaldehyde	77	2.530	2.530	(0.855)	380035	50.0000	80	
\$ 17 Phenol-d5 (SUR)	99	2.677	2.677	(0.905)	941139	50.0000	46	
1 Phenol	94	2.689	2.689	(0.909)	929698	50.0000	42	
73 Aniline	93	2.648	2.648	(0.895)	1199576	50.0000	48	
20 bis(2-Chloroethyl)ether	93	2.730	2.730	(0.922)	964179	50.0000	46	
2 2-Chlorophenol	128	2.759	2.759	(0.932)	950460	50.0000	47	
113 n-decane	43	2.848	2.848	(0.962)	1264184	50.0000	51	
21 1,3-Dichlorobenzene	146	2.900	2.900	(0.980)	1338196	50.0000	51	
* 79 1,4-Dichlorobenzene-d4	152	2.959	2.959	(1.000)	644768	40.0000		
22 1,4-Dichlorobenzene	146	2.977	2.977	(1.006)	1324301	50.0000	50	
74 Benzyl Alcohol	108	3.142	3.142	(1.062)	499451	50.0000	46	

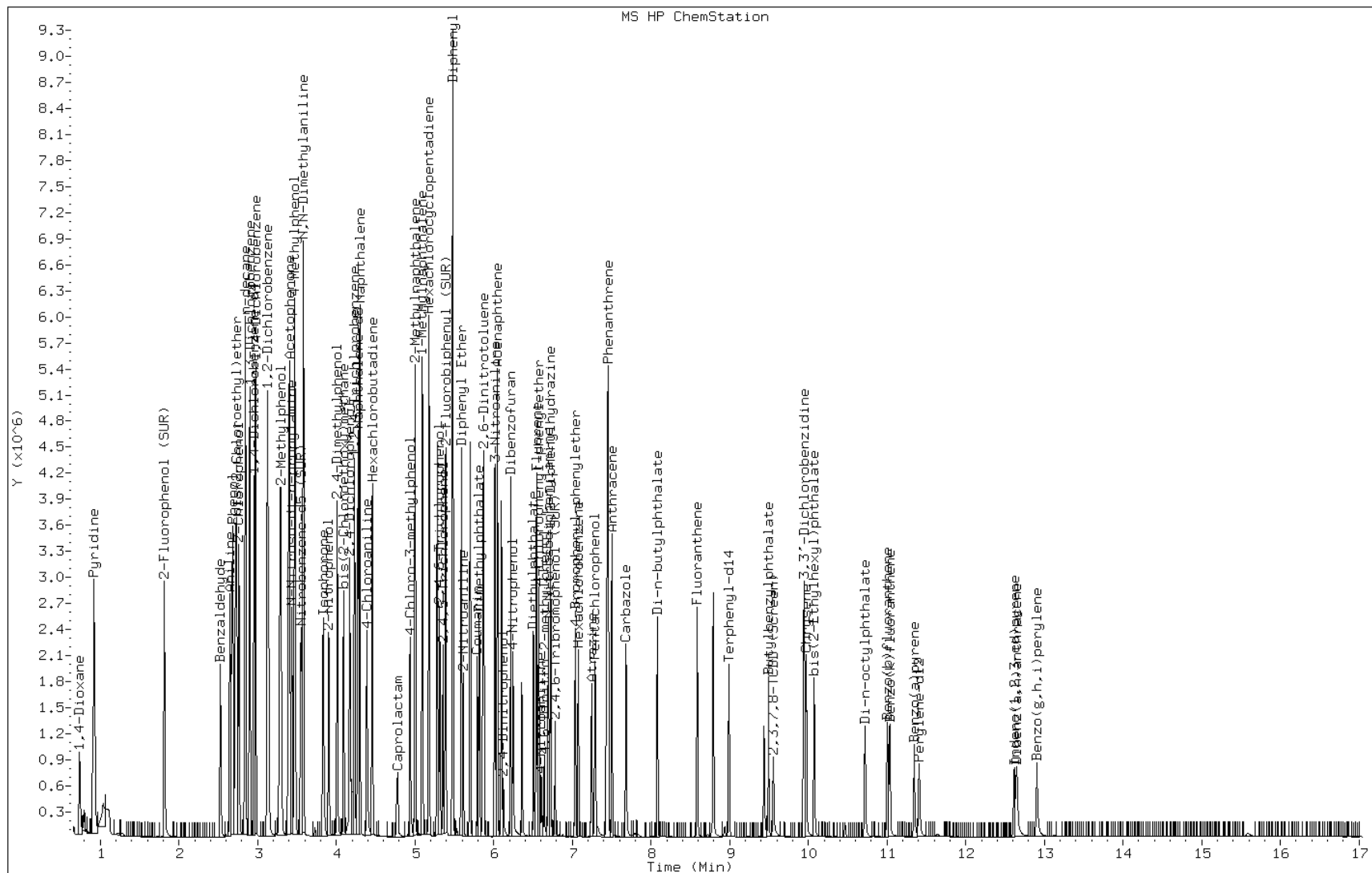
Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13nov11abr.b/x19574.d
 Report Date: 14-Nov-2011 09:54

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.124	3.124	(1.056)	1221642	50.0000	50
3 2-Methylphenol	108	3.295	3.295	(1.113)	711059	50.0000	45
24 bis (2-chloroisopropyl) ether	45	3.283	3.283	(1.109)	1327605	50.0000	50
104 Acetophenone	105	3.406	3.406	(1.151)	1135012	50.0000	46
4 4-Methylphenol	108	3.465	3.465	(1.171)	691342	50.0000	45
121 3 & 4 Methylphenol	108	3.465	3.465	(1.171)	691342	50.0000	45
25 N-Nitroso-di-n-propylamine	70	3.436	3.436	(1.161)	550446	50.0000	47
26 Hexachloroethane	117	3.471	3.471	(1.173)	478571	50.0000	50
\$ 76 Nitrobenzene-d5 (SUR)	82	3.553	3.553	(0.831)	878118	50.0000	49
107 N,N-Dimethylaniline	120	3.583	3.583	(1.211)	1460288	50.0000	50
27 Nitrobenzene	77	3.577	3.577	(0.836)	1203793	50.0000	49
28 Isophorone	82	3.836	3.836	(0.897)	1274316	50.0000	48
5 2-Nitrophenol	139	3.906	3.906	(0.913)	494543	50.0000	52
6 2,4-Dimethylphenol	122	4.012	4.012	(0.938)	656029	50.0000	46
29 bis(2-Chloroethoxy)methane	93	4.095	4.095	(0.957)	894355	50.0000	51
7 2,4-Dichlorophenol	162	4.171	4.171	(0.975)	613535	50.0000	49
30 1,2,4-Trichlorobenzene	180	4.236	4.236	(0.990)	849853	50.0000	51
* 80 Naphthalene-d8	136	4.277	4.277	(1.000)	2045640	40.0000	
31 Naphthalene	128	4.300	4.300	(1.006)	2702790	50.0000	50
32 4-Chloroaniline	127	4.389	4.389	(1.026)	789721	50.0000	50
33 Hexachlorobutadiene	225	4.459	4.459	(1.043)	475559	50.0000	47
111 Caprolactam	113	4.777	4.777	(1.117)	143050	50.0000	48
8 4-Chloro-3-methylphenol	107	4.941	4.941	(1.155)	489300	50.0000	47
34 2-Methylnaphthalene	142	5.000	5.000	(1.169)	1539520	50.0000	48
120 1-Methylnaphthalene	142	5.094	5.094	(1.191)	1505074	50.0000	47
35 Hexachlorocyclopentadiene	237	5.177	5.177	(0.860)	344549	50.0000	46
9 2,4,6-Trichlorophenol	196	5.312	5.312	(0.883)	358005	50.0000	49
10 2,4,5-Trichlorophenol	196	5.353	5.353	(0.890)	345071	50.0000	49
\$ 77 2-Fluorobiphenyl (SUR)	172	5.394	5.394	(0.896)	1479728	50.0000	51
102 Diphenyl	154	5.477	5.477	(0.910)	1562596	50.0000	49
36 2-Chloronaphthalene	162	5.477	5.477	(0.910)	1226553	50.0000	52
103 Diphenyl Ether	170	5.589	5.589	(0.929)	880013	50.0000	51
37 2-Nitroaniline	65	5.612	5.612	(0.933)	292768	50.0000	54
38 Dimethylphthalate	163	5.818	5.818	(0.967)	1075871	50.0000	49
114 Coumarin	146	5.794	5.794	(1.355)	340592	50.0000	47
40 2,6-Dinitrotoluene	165	5.865	5.865	(0.975)	251059	50.0000	51
39 Acenaphthylene	152	5.871	5.871	(0.976)	1829414	50.0000	52
41 3-Nitroaniline	138	6.018	6.018	(1.000)	204209	50.0000	49
* 82 Acenaphthene-d10	164	6.018	6.018	(1.000)	781846	40.0000	
42 Acenaphthene	154	6.047	6.047	(1.005)	1072238	50.0000	50
11 2,4-Dinitrophenol	184	6.124	6.124	(1.018)	98518	50.0000	49
12 4-Nitrophenol	65	6.247	6.247	(1.038)	118869	50.0000	45
44 2,4-Dinitrotoluene	165	6.247	6.247	(1.038)	286979	50.0000	50
43 Dibenzofuran	168	6.218	6.218	(1.033)	1502911	50.0000	51
45 Diethylphthalate	149	6.512	6.512	(1.082)	934920	50.0000	47
46 4-Chlorophenyl-phenylether	204	6.577	6.577	(1.093)	536903	50.0000	48
47 Fluorene	166	6.547	6.547	(1.088)	1140406	50.0000	49

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13nov11abr.b/x19574.d
 Report Date: 14-Nov-2011 09:54

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	AMOUNTS	
	MASS						CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	=====	==	=====	=====		=====	=====	=====
48 4-Nitroaniline	138		6.606	6.606	(1.098)	155029	50.0000	54
13 4,6-Dinitro-2-methylphenol	198		6.641	6.641	(0.893)	136309	50.0000	52
49 N-Nitrosodiphenylamine	169		6.694	6.694	(0.900)	640061	50.0000	49
75 1,2-Diphenylhydrazine	77		6.724	6.724	(0.904)	1118056	50.0000	51
\$ 18 2,4,6-Tribromophenol (SUR)	330		6.783	6.783	(1.127)	149822	50.0000	48
50 4-Bromophenyl-phenylether	248		7.035	7.035	(0.946)	273563	50.0000	48
51 Hexachlorobenzene	284		7.077	7.077	(0.952)	291823	50.0000	47
112 Atrazine	200		7.247	7.247	(0.975)	189581	50.0000	46
14 Pentachlorophenol	266		7.288	7.288	(0.980)	132081	50.0000	47
* 83 Phenanthrene-d10	188		7.435	7.435	(1.000)	843743	40.0000	
52 Phenanthrene	178		7.459	7.459	(1.003)	1202238	50.0000	49
53 Anthracene	178		7.506	7.506	(1.009)	1247598	50.0000	52
54 Carbazole	167		7.683	7.683	(1.033)	959546	50.0000	55
55 Di-n-butylphthalate	149		8.082	8.082	(1.087)	1186805	50.0000	48
56 Fluoranthene	202		8.588	8.588	(1.155)	1007689	50.0000	54
58 Benzidine	184		8.771	8.771	(1.180)	99906	50.0000	100
57 Pyrene	202		8.588	8.588	(0.863)	1007689	50.0000	46
\$ 78 Terphenyl-d14	244		8.988	8.988	(0.903)	650609	50.0000	43
59 Butylbenzylphthalate	149		9.494	9.494	(0.954)	398083	50.0000	47
60 3,3'-Dichlorobenzidine	252		9.953	9.953	(1.000)	231365	50.0000	56
61 Benzo(a)anthracene	228		9.941	9.941	(0.999)	725638	50.0000	48
* 81 Chrysene-d12	240		9.953	9.953	(1.000)	489425	40.0000	
62 Chrysene	228		9.976	9.976	(1.002)	753953	50.0000	55
63 bis(2-Ethylhexyl)phthalate	149		10.076	10.076	(1.012)	523502	50.0000	46
64 Di-n-octylphthalate	149		10.718	10.718	(0.939)	786480	50.0000	46
65 Benzo(b)fluoranthene	252		11.006	11.006	(0.964)	622403	50.0000	50
66 Benzo(k)fluoranthene	252		11.035	11.035	(0.967)	734710	50.0000	53
67 Benzo(a)pyrene	252		11.347	11.347	(0.994)	553093	50.0000	53
* 84 Perylene-d12	264		11.412	11.412	(1.000)	447686	40.0000	
68 Indeno(1,2,3-cd)pyrene	276		12.617	12.617	(1.106)	489452	50.0000	52
69 Dibenz(a,h)anthracene	278		12.653	12.653	(1.109)	476385	50.0000	50
70 Benzo(g,h,i)perylene	276		12.906	12.906	(1.131)	554874	50.0000	50

Operator: BNAMS 4



Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19323.d
Report Date: 10-Nov-2011 08:28

TestAmerica

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19323.d
Lab Smp Id: DFTPP-1175413
Inj Date : 05-NOV-2011 03:33
Operator : BNAMS 4
Smp Info : DFTPP-1175413
Misc Info : 25 ppm bna 4589
Comment :
Method : /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/BNADFTPP.m
Meth Date : 10-Nov-2011 08:27 asfawa
Cal Date : 11-JAN-2010 13:45
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50

Inst ID: BNAMS5.i
Quant Type: ESTD
Cal File: h85796.d
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 #:				
4.109	4.109	0.000	198	156800			0.00-	100.00	91.16
4.109	4.109	0.000	51	61744			30.00-	60.00	39.38
4.109	4.109	0.000	68	891			0.00-	2.00	1.55
4.109	4.109	0.000	69	57576			0.00-	0.00	36.72
4.109	4.109	0.000	70	0			0.00-	2.00	0.00
4.109	4.109	0.000	127	78269			40.00-	60.00	49.92
4.109	4.109	0.000	197	1228			0.00-	1.00	0.78
4.109	4.109	0.000	199	10007			5.00-	9.00	6.38
4.109	4.109	0.000	275	43016			10.00-	30.00	27.43
4.109	4.109	0.000	365	6199			1.00-	0.00	3.95
4.109	4.109	0.000	441	26374			0.01-	100.00	79.51
4.109	4.109	0.000	442	172010			40.00-	110.00	109.70
4.109	4.109	0.000	443	33170			17.00-	23.00	19.28

Data File: x19323.d

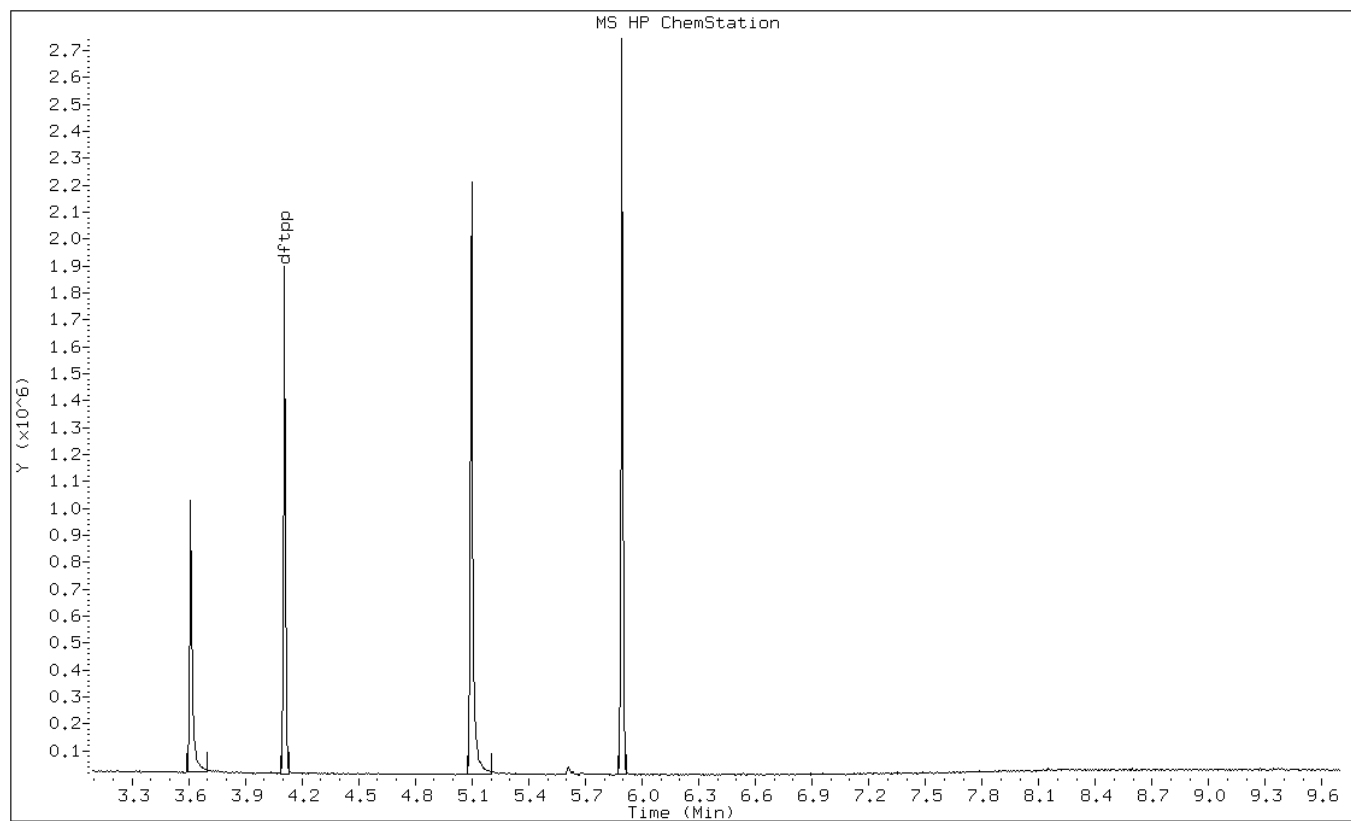
Date: 05-NOV-2011 03:33

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNAMS 4



Data File: x19323.d

Date: 05-NOV-2011 03:33

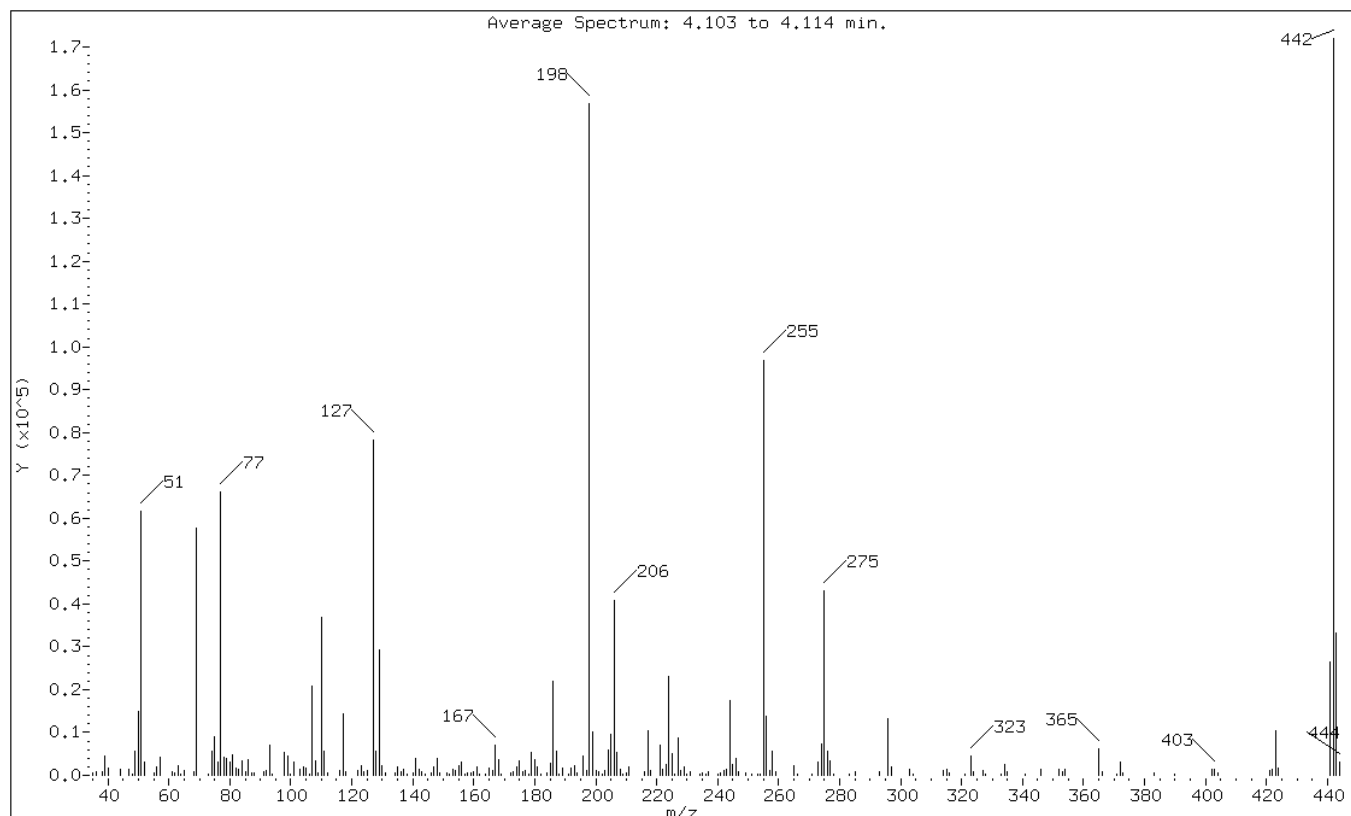
Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNAMS 4

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	39.38
68	Less than 2.00% of mass 69	0.57 (1.55)
69	Mass 69 relative abundance	36.72
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.92
197	Less than 1.00% of mass 198	0.78
199	5.00 - 9.00% of mass 198	6.38
275	10.00 - 30.00% of mass 198	27.43
365	Greater than 1.00% of mass 198	3.95
441	0.01 - 100.00% of mass 443	16.82 (79.51)
442	40.00 - 110.00% of mass 198	109.70
443	17.00 - 23.00% of mass 442	21.15 (19.28)

Data File: x19323.d

Date: 05-NOV-2011 03:33

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNAMS 4

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b/x19323.d

Spectrum: Average Spectrum: 4.103 to 4.114 min.

Location of Maximum: 442.00

Number of points: 222

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	427	116.00	1060	185.00	2931	256.00	13675
36.00	783	117.00	14221	186.00	21840	257.00	1076
38.00	886	118.00	929	187.00	5706	258.00	5675
39.00	4597	122.00	1190	188.00	239	259.00	774
40.00	1711	123.00	2136	189.00	1614	265.00	2353
44.00	1513	124.00	862	191.00	400	266.00	238
47.00	1363	125.00	1234	192.00	1819	271.00	180
48.00	226	127.00	78264	193.00	2360	273.00	3144
49.00	5743	128.00	5744	194.00	547	274.00	7367
50.00	15008	129.00	29368	196.00	4539	275.00	43016
51.00	61744	130.00	2303	197.00	1228	276.00	5529
52.00	2964	131.00	477	198.00	156800	277.00	3483
55.00	549	134.00	680	199.00	10007	278.00	375
56.00	1922	135.00	2089	200.00	1070	283.00	167
57.00	4132	136.00	985	201.00	808	285.00	862
61.00	914	137.00	1296	202.00	352	293.00	937
62.00	514	138.00	202	203.00	1124	296.00	13299
63.00	2348	140.00	443	204.00	5915	297.00	2108
64.00	229	141.00	4023	205.00	9507	303.00	1538
65.00	1003	142.00	1336	206.00	40904	304.00	317
68.00	891	143.00	716	207.00	5358	314.00	1006
69.00	57576	144.00	364	208.00	1413	315.00	1418
73.00	407	146.00	509	209.00	396	316.00	608
74.00	5593	147.00	1956	210.00	555	321.00	363
75.00	8922	148.00	3926	211.00	2013	323.00	4385
76.00	3104	149.00	621	216.00	975	324.00	893
77.00	66264	151.00	515	217.00	10293	327.00	1068
78.00	4342	152.00	184	218.00	1201	328.00	199
79.00	3818	153.00	1383	221.00	7097	333.00	215
80.00	3169	154.00	1080	222.00	1490	334.00	2670
81.00	4720	155.00	2387	223.00	2397	335.00	829
82.00	1677	156.00	3148	224.00	23216	341.00	246
83.00	1474	157.00	338	225.00	5136	346.00	1318
84.00	3368	158.00	494	226.00	194	352.00	1344
85.00	777	159.00	587	227.00	8724	353.00	839
86.00	3738	160.00	949	228.00	1180	354.00	1343
87.00	487	161.00	2005	229.00	1910	365.00	6199
88.00	423	162.00	389	230.00	177	366.00	833
91.00	836	164.00	187	231.00	841	371.00	201
92.00	1185	165.00	1571	234.00	278	372.00	2994

93.00	7038	166.00	1075	235.00	509	373.00	637
94.00	287	167.00	7049	236.00	240	383.00	512
98.00	5312	168.00	3683	237.00	800	390.00	208
99.00	4512	169.00	402	240.00	184	402.00	1337
100.00	268	172.00	519	241.00	456	403.00	1359
+-----+-----+-----+-----+-----+-----+-----+-----+							
101.00	3012	173.00	918	242.00	1107	404.00	459
103.00	1274	174.00	1830	243.00	1542	421.00	1212
104.00	1865	175.00	3425	244.00	17320	422.00	1491
105.00	1732	176.00	931	245.00	2425	423.00	10412
106.00	387	177.00	1170	246.00	4050	424.00	1695
+-----+-----+-----+-----+-----+-----+-----+-----+							
107.00	20920	178.00	220	247.00	807	441.00	26368
108.00	3261	179.00	5253	249.00	513	442.00	171968
109.00	483	180.00	3736	251.00	176	443.00	33168
110.00	36856	181.00	1832	253.00	343	444.00	3037
111.00	5650	182.00	166	254.00	291		
+-----+-----+-----+-----+-----+-----+-----+-----+							
112.00	586	184.00	536	255.00	96816		
+-----+-----+-----+-----+-----+-----+-----+-----+							

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19550.d
Report Date: 13-Nov-2011 13:23

TestAmerica

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19550.d
Lab Smp Id: DFTPP-1175413
Inj Date : 13-NOV-2011 02:44
Operator : BNAMS3
Smp Info : DFTPP-1175413
Misc Info : 25 ppm bna 4589
Comment :
Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/BNADFTPP.m
Meth Date : 10-Nov-2011 08:46 asfawa
Cal Date : 11-JAN-2010 13:45
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1

Inst ID: BNAMS5.i
Quant Type: ESTD
Cal File: h85796.d
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 #:				
3.820	4.034	-0.214	198	246122			0.00- 100.00	100.00	
3.820	4.034	-0.214	51	90896			30.00- 60.00	36.93	
3.820	4.034	-0.214	68	1680			0.00- 2.00	1.87	
3.820	4.034	-0.214	69	89776			0.00- 0.00	36.48	
3.820	4.034	-0.214	70	474			0.00- 2.00	0.53	
3.820	4.034	-0.214	127	113037			40.00- 60.00	45.93	
3.820	4.034	-0.214	197	1254			0.00- 1.00	0.51	
3.820	4.034	-0.214	199	16257			5.00- 9.00	6.61	
3.820	4.034	-0.214	275	62589			10.00- 30.00	25.43	
3.820	4.034	-0.214	365	7797			1.00- 0.00	3.17	
3.820	4.034	-0.214	441	35581			0.01- 100.00	81.69	
3.820	4.034	-0.214	442	230594			40.00- 110.00	93.69	
3.820	4.034	-0.214	443	43557			17.00- 23.00	18.89	

Data File: x19550.d

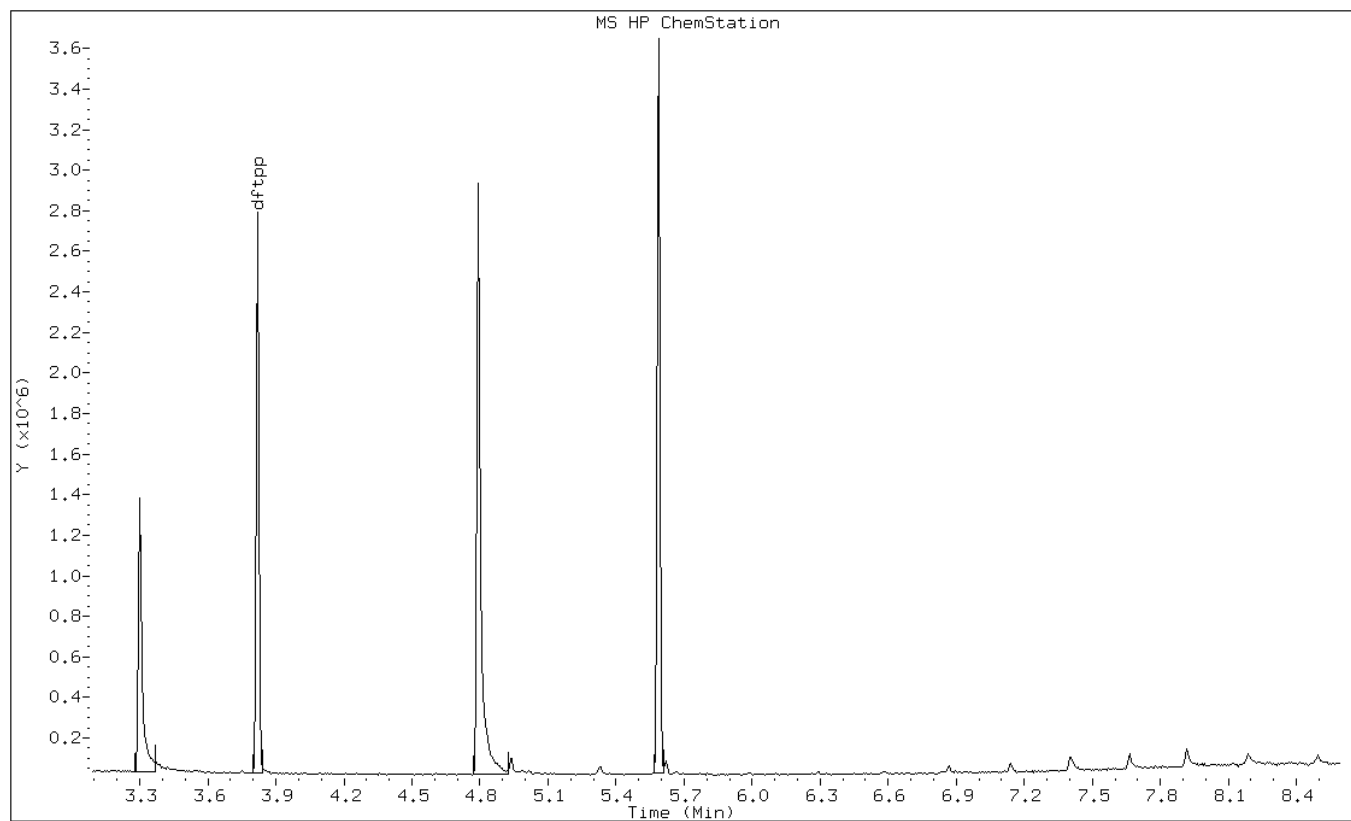
Date: 13-NOV-2011 02:44

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNAMS3



Data File: x19550.d

Date: 13-NOV-2011 02:44

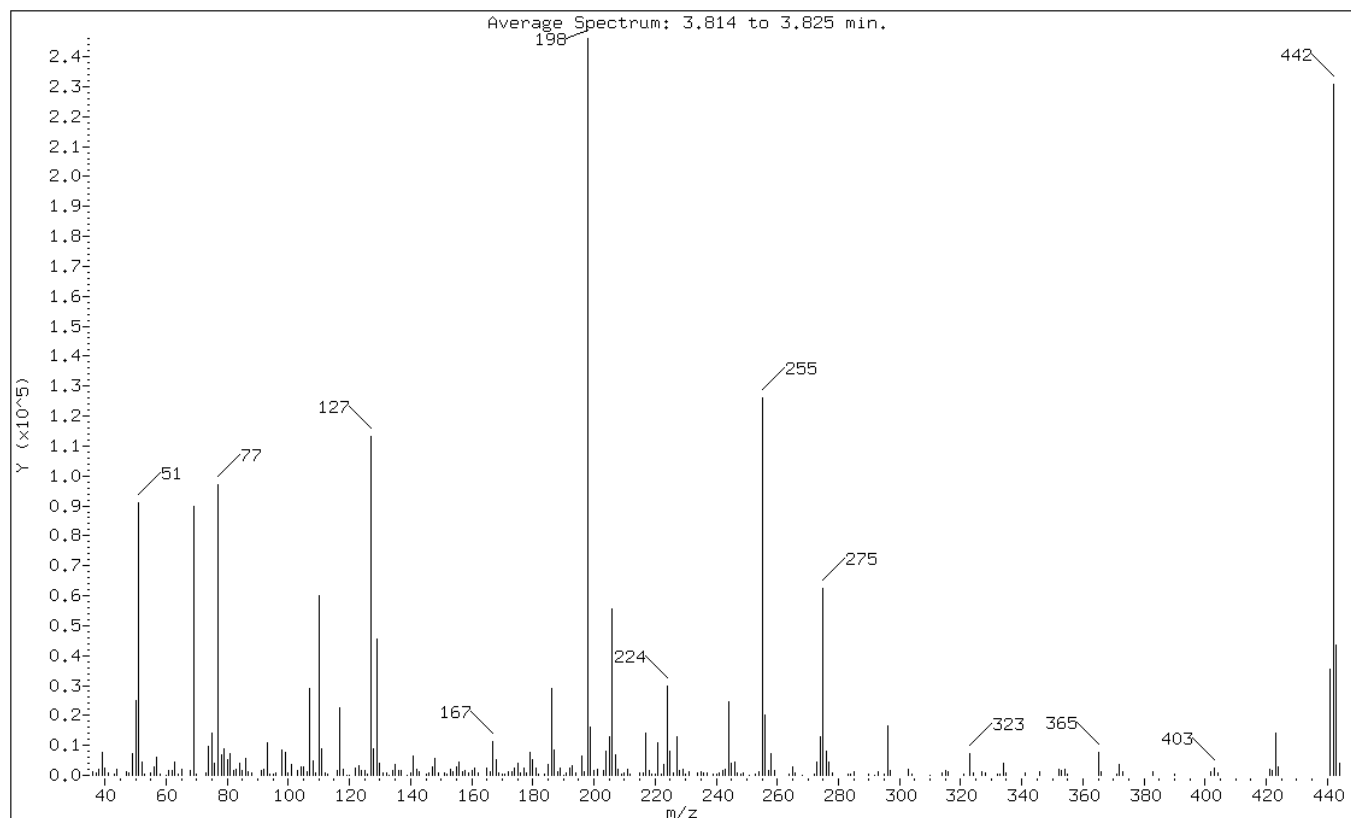
Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNAMS3

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	36.93
68	Less than 2.00% of mass 69	0.68 (1.87)
69	Mass 69 relative abundance	36.48
70	Less than 2.00% of mass 69	0.19 (0.53)
127	40.00 - 60.00% of mass 198	45.93
197	Less than 1.00% of mass 198	0.51
199	5.00 - 9.00% of mass 198	6.61
275	10.00 - 30.00% of mass 198	25.43
365	Greater than 1.00% of mass 198	3.17
441	0.01 - 100.00% of mass 443	14.46 (81.69)
442	40.00 - 110.00% of mass 198	93.69
443	17.00 - 23.00% of mass 442	17.70 (18.89)

Data File: x19550.d

Date: 13-NOV-2011 02:44

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNAMS3

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19550.d
Spectrum: Average Spectrum: 3.814 to 3.825 min.
Location of Maximum: 198.00
Number of points: 252

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1236	113.00	239	186.00	28864	259.00	1478
37.00	943	116.00	1559	187.00	8350	264.00	373
38.00	1872	117.00	22752	188.00	1156	265.00	2784
39.00	7846	118.00	1986	189.00	2365	266.00	806
40.00	2379	119.00	172	190.00	168	268.00	174
41.00	660	120.00	180	191.00	949	272.00	204
43.00	209	122.00	2301	192.00	2434	273.00	4574
44.00	2007	123.00	3420	193.00	3396	274.00	12844
47.00	1085	124.00	1516	194.00	736	275.00	62584
48.00	608	125.00	1610	196.00	6353	276.00	8168
49.00	7293	126.00	285	197.00	1254	277.00	4533
50.00	24904	127.00	113032	198.00	246080	278.00	789
51.00	90896	128.00	8903	199.00	16257	283.00	566
52.00	4451	129.00	45488	200.00	1490	284.00	282
53.00	403	130.00	4083	201.00	1855	285.00	1107
55.00	800	131.00	868	203.00	1783	290.00	255
56.00	2652	132.00	840	204.00	7936	292.00	187
57.00	6038	133.00	178	205.00	12705	293.00	1164
58.00	205	134.00	1442	206.00	55584	295.00	210
60.00	184	135.00	3625	207.00	6920	296.00	16520
61.00	1452	136.00	1543	208.00	1943	297.00	1753
62.00	1539	137.00	1545	209.00	381	303.00	1998
63.00	4288	139.00	179	210.00	991	304.00	378
64.00	218	140.00	878	211.00	2158	310.00	195
65.00	1865	141.00	6612	212.00	239	314.00	749
68.00	1680	142.00	2140	215.00	831	315.00	1770
69.00	89776	143.00	1113	216.00	673	316.00	1382
70.00	474	145.00	382	217.00	13906	321.00	303
73.00	807	146.00	919	218.00	1767	323.00	7146
74.00	9556	147.00	2928	219.00	377	324.00	740
75.00	14067	148.00	5794	220.00	369	327.00	1151
76.00	4105	149.00	977	221.00	10997	328.00	725
77.00	96944	151.00	829	222.00	577	332.00	384
78.00	6789	152.00	515	223.00	3438	333.00	475
79.00	8841	153.00	2166	224.00	29904	334.00	3963
80.00	5057	154.00	1312	225.00	8237	335.00	896
81.00	7278	155.00	2652	226.00	944	341.00	721
82.00	1710	156.00	4322	227.00	12799	346.00	1339
83.00	1826	157.00	1250	228.00	1656	352.00	1959
84.00	4108	158.00	1576	229.00	2207	353.00	1560

85.00	1618	159.00	814	230.00	271	354.00	2018
86.00	5572	160.00	1507	231.00	1197	355.00	425
87.00	1046	161.00	2454	234.00	1005	365.00	7797
88.00	1001	162.00	782	235.00	1051	366.00	1285
91.00	1663	165.00	2469	236.00	616	371.00	482
92.00	2049	166.00	1244	237.00	721	372.00	3625
93.00	10969	167.00	11130	239.00	558	373.00	1073
94.00	604	168.00	5382	240.00	393	383.00	1049
95.00	259	169.00	782	241.00	828	390.00	463
96.00	853	170.00	479	242.00	1426	402.00	1181
98.00	8336	171.00	489	243.00	1922	403.00	2291
99.00	7618	172.00	1209	244.00	24712	404.00	699
100.00	642	173.00	1395	245.00	4221	421.00	1947
101.00	3678	174.00	2283	246.00	4503	422.00	1754
103.00	1695	175.00	3913	247.00	978	423.00	14144
104.00	3001	176.00	982	248.00	240	424.00	2770
105.00	2757	177.00	2333	249.00	1002	441.00	35576
106.00	1052	178.00	680	251.00	170	442.00	230592
107.00	29104	179.00	7619	253.00	471	443.00	43552
108.00	5022	180.00	5179	254.00	1277	444.00	3885
109.00	834	181.00	2397	255.00	126216		
110.00	59912	182.00	380	256.00	19984		
111.00	8990	184.00	455	257.00	1759		
112.00	956	185.00	3620	258.00	7142		

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19569.d
 Report Date: 13-Nov-2011 17:53

TestAmerica

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19569.d
 Lab Smp Id: DFTPP-1175413
 Inj Date : 13-NOV-2011 17:46
 Operator : BNA2
 Smp Info : DFTPP-1175413
 Misc Info : 25 ppm bna 4589
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/BNADFTPP.m
 Meth Date : 13-Nov-2011 14:50 czhao
 Cal Date : 11-JAN-2010 13:45
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i
 Quant Type: ESTD
 Cal File: h85796.d
 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 #:				
3.777	3.820	-0.043	198	271168			0.00- 100.00	100.00	
3.777	3.820	-0.043	51	97173			30.00- 60.00	35.83	
3.777	3.820	-0.043	68	1705			0.00- 2.00	1.72	
3.777	3.820	-0.043	69	99282			0.00- 0.00	36.61	
3.777	3.820	-0.043	70	667			0.00- 2.00	0.67	
3.777	3.820	-0.043	127	126624			40.00- 60.00	46.70	
3.777	3.820	-0.043	197	2315			0.00- 1.00	0.85	
3.777	3.820	-0.043	199	18693			5.00- 9.00	6.89	
3.777	3.820	-0.043	275	71138			10.00- 30.00	26.23	
3.777	3.820	-0.043	365	9764			1.00- 0.00	3.60	
3.777	3.820	-0.043	441	40533			0.01- 100.00	86.49	
3.777	3.820	-0.043	442	263104			40.00- 110.00	97.03	
3.777	3.820	-0.043	443	46864			17.00- 23.00	17.81	

Data File: x19569.d

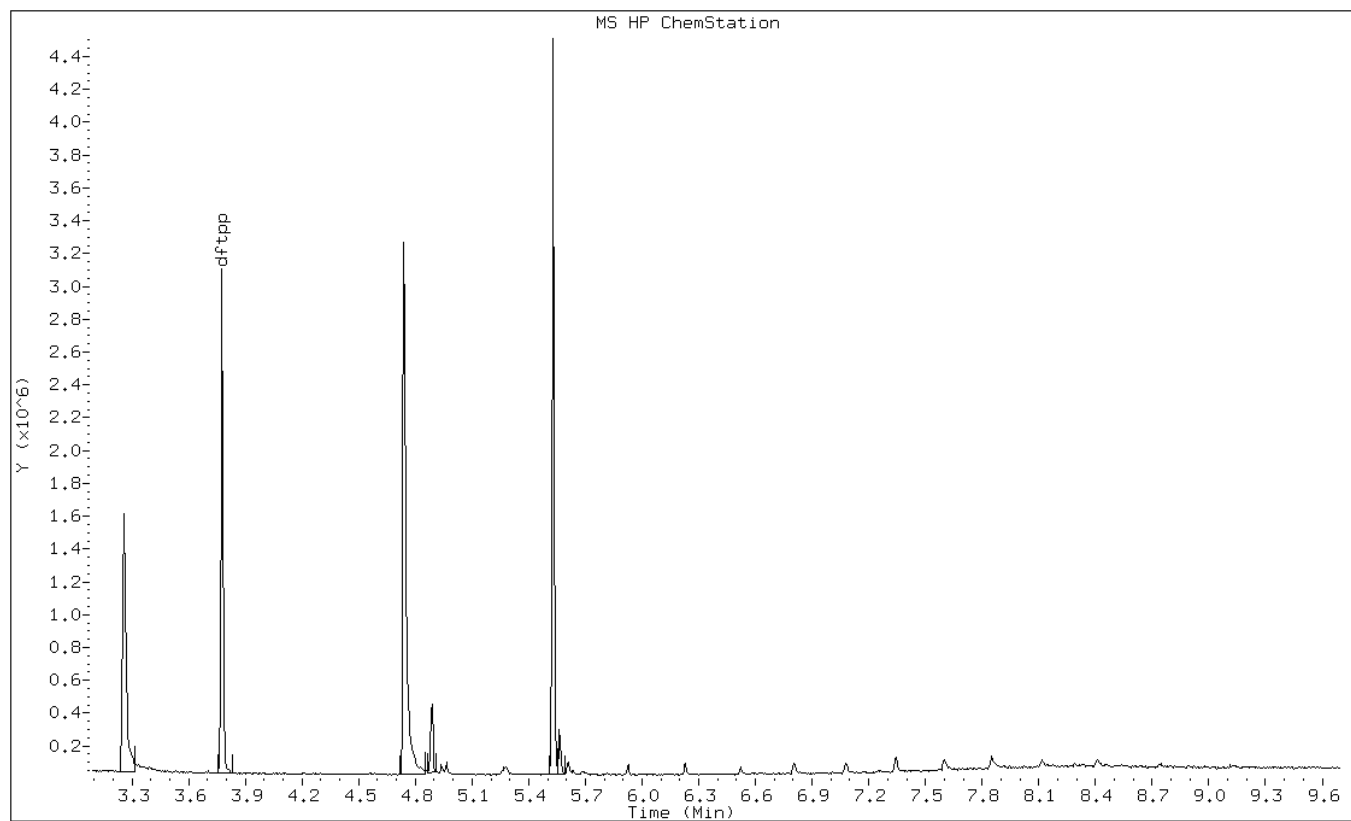
Date: 13-NOV-2011 17:46

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNA2



Data File: x19569.d

Date: 13-NOV-2011 17:46

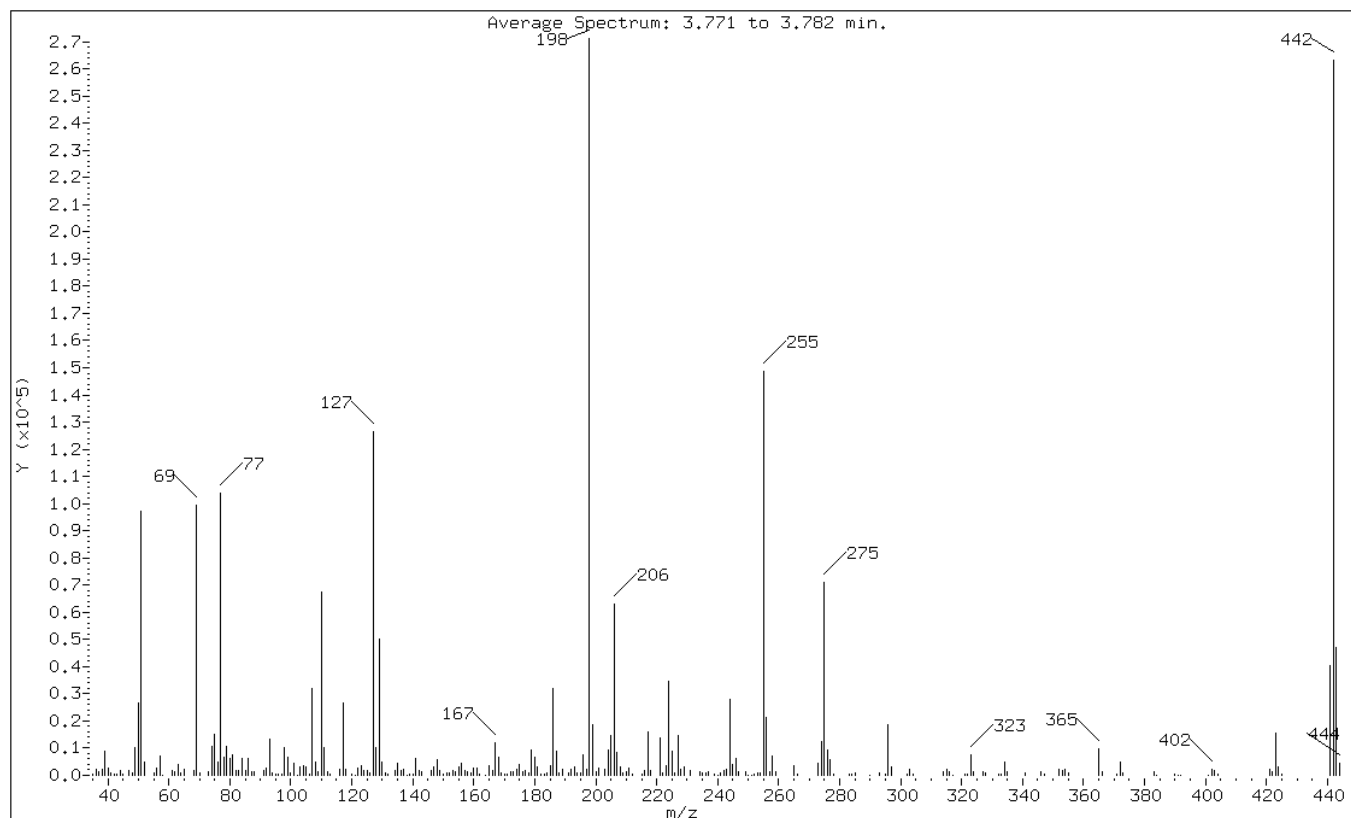
Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

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	35.83
68	Less than 2.00% of mass 69	0.63 (1.72)
69	Mass 69 relative abundance	36.61
70	Less than 2.00% of mass 69	0.25 (0.67)
127	40.00 - 60.00% of mass 198	46.70
197	Less than 1.00% of mass 198	0.85
199	5.00 - 9.00% of mass 198	6.89
275	10.00 - 30.00% of mass 198	26.23
365	Greater than 1.00% of mass 198	3.60
441	0.01 - 100.00% of mass 443	14.95 (86.49)
442	40.00 - 110.00% of mass 198	97.03
443	17.00 - 23.00% of mass 442	17.28 (17.81)

Data File: x19569.d

Date: 13-NOV-2011 17:46

Client ID:

Instrument: BNAMS5.i

Sample Info: DFTPP-1175413

Operator: BNA2

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19569.d

Spectrum: Average Spectrum: 3.771 to 3.782 min.

Location of Maximum: 198.00

Number of points: 259

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	458	111.00	10089	183.00	434	259.00	1234
36.00	2098	112.00	1365	184.00	666	265.00	3559
37.00	1151	113.00	240	185.00	3746	266.00	495
38.00	2365	116.00	2281	186.00	32144	273.00	4658
39.00	8982	117.00	26696	187.00	8773	274.00	12308
40.00	2544	118.00	2074	188.00	1044	275.00	71136
41.00	901	120.00	358	189.00	2281	276.00	9443
42.00	465	121.00	172	191.00	895	277.00	5586
43.00	241	122.00	2854	192.00	2327	278.00	563
44.00	1653	123.00	3498	193.00	3029	283.00	530
45.00	300	124.00	1773	194.00	933	284.00	273
47.00	1796	125.00	1626	195.00	868	285.00	1095
48.00	926	126.00	676	196.00	7649	290.00	203
49.00	10137	127.00	126624	197.00	2315	293.00	1106
50.00	26808	128.00	10018	198.00	271168	295.00	597
51.00	97168	129.00	49952	199.00	18688	296.00	18536
52.00	4669	130.00	4975	200.00	1354	297.00	2906
55.00	1048	131.00	787	201.00	2492	302.00	225
56.00	2756	132.00	438	203.00	2032	303.00	2076
57.00	7181	134.00	1627	204.00	9525	304.00	458
58.00	211	135.00	4286	205.00	14665	314.00	1140
61.00	1687	136.00	1922	206.00	63192	315.00	2387
62.00	1501	137.00	2021	207.00	8262	316.00	1500
63.00	3981	138.00	204	208.00	2921	317.00	192
64.00	805	139.00	489	209.00	768	321.00	506
65.00	2118	140.00	524	210.00	1123	322.00	379
68.00	1705	141.00	6088	211.00	2626	323.00	7423
69.00	99280	142.00	1846	212.00	330	324.00	1449
70.00	667	143.00	1366	215.00	337	327.00	1308
73.00	1322	146.00	1660	216.00	1954	328.00	798
74.00	10803	147.00	3188	217.00	16175	332.00	470
75.00	15017	148.00	5720	218.00	1713	333.00	366
76.00	4900	149.00	1597	221.00	13646	334.00	4759
77.00	103728	150.00	231	222.00	907	335.00	1525
78.00	6777	151.00	1015	223.00	3702	341.00	794
79.00	10841	152.00	682	224.00	34752	346.00	1352
80.00	6044	153.00	1917	225.00	8683	347.00	222
81.00	7458	154.00	1336	226.00	767	352.00	2423
82.00	1925	155.00	3323	227.00	14729	353.00	1777
83.00	1868	156.00	4354	228.00	2268	354.00	2342

84.00	6034	157.00	1579	229.00	2960	355.00	810
85.00	1915	158.00	1550	231.00	1623	365.00	9764
86.00	6294	159.00	867	234.00	1191	366.00	1413
87.00	1387	160.00	2469	235.00	1082	371.00	502
88.00	1380	161.00	2657	236.00	832	372.00	4766
91.00	1794	162.00	557	237.00	1309	373.00	997
92.00	2455	164.00	200	239.00	441	383.00	1232
93.00	13470	165.00	3396	240.00	170	384.00	171
94.00	832	166.00	1961	241.00	989	390.00	407
95.00	426	167.00	11761	242.00	1765	391.00	205
96.00	636	168.00	6451	243.00	2115	392.00	203
97.00	522	169.00	1052	244.00	28128	401.00	166
98.00	10230	170.00	291	245.00	3966	402.00	2182
99.00	6587	171.00	459	246.00	6000	403.00	1641
100.00	681	172.00	1218	247.00	1318	404.00	590
101.00	4314	173.00	1178	249.00	1320	421.00	2326
102.00	168	174.00	2301	250.00	205	422.00	1548
103.00	3107	175.00	3841	251.00	177	423.00	15530
104.00	3561	176.00	1551	252.00	392	424.00	3199
105.00	2930	177.00	1989	253.00	968	425.00	230
106.00	630	178.00	744	254.00	1022	441.00	40528
107.00	31784	179.00	9378	255.00	148608	442.00	263104
108.00	4787	180.00	6584	256.00	21216	443.00	46864
109.00	1222	181.00	3080	257.00	1478	444.00	4372
110.00	67488	182.00	493	258.00	7133		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-91853/1-A

Matrix: Water Lab File ID: x19553.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 1000(mL) Date Analyzed: 11/13/2011 04:31

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	10	U	10	2.8
108-95-2	Phenol	10	U	10	0.81
88-06-2	2,4,6-Trichlorophenol	10	U	10	2.4
111-44-4	Bis(2-chloroethyl)ether	1.0	U	1.0	0.28
120-83-2	2,4-Dichlorophenol	10	U	10	2.6
95-57-8	2-Chlorophenol	10	U	10	2.2
121-14-2	2,4-Dinitrotoluene	2.0	U	2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	10	U	10	2.0
98-86-2	Acetophenone	10	U	10	2.7
91-57-6	2-Methylnaphthalene	10	U	10	3.0
106-44-5	4-Methylphenol	10	U	10	1.6
95-48-7	2-Methylphenol	10	U	10	1.8
88-74-4	2-Nitroaniline	20	U	20	4.9
67-72-1	Hexachloroethane	1.0	U	1.0	0.25
98-95-3	Nitrobenzene	1.0	U	1.0	0.30
59-50-7	4-Chloro-3-methylphenol	10	U	10	2.5
78-59-1	Isophorone	10	U	10	2.7
88-75-5	2-Nitrophenol	10	U	10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	10	U	10	2.5
105-67-9	2,4-Dimethylphenol	10	U	10	3.4
100-01-6	4-Nitroaniline	20	U	20	5.8
100-02-7	4-Nitrophenol	30	U	30	6.7
111-91-1	Bis(2-chloroethoxy)methane	10	U	10	2.6
1912-24-9	Atrazine	10	U	10	3.0
91-20-3	Naphthalene	10	U	10	2.7
100-52-7	Benzaldehyde	10	U	10	2.0
106-47-8	4-Chloroaniline	10	U	10	2.0
50-32-8	Benzo[a]pyrene	1.0	U	1.0	0.14
87-68-3	Hexachlorobutadiene	2.0	U	2.0	0.57
207-08-9	Benzo[k]fluoranthene	1.0	U	1.0	0.26
105-60-2	Caprolactam	10	U	10	2.5
86-74-8	Carbazole	10	U	10	3.2
77-47-4	Hexachlorocyclopentadiene	10	U	10	1.7
53-70-3	Dibenz(a,h)anthracene	1.0	U	1.0	0.090

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 460-91853/1-A

Matrix: Water Lab File ID: x19553.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 1000(mL) Date Analyzed: 11/13/2011 04:31

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	10	U	10	2.6
131-11-3	Dimethyl phthalate	10	U	10	2.8
91-58-7	2-Chloronaphthalene	10	U	10	2.7
206-44-0	Fluoranthene	10	U	10	3.2
86-73-7	Fluorene	10	U	10	2.8
606-20-2	2,6-Dinitrotoluene	2.0	U	2.0	0.61
208-96-8	Acenaphthylene	10	U	10	2.7
99-09-2	3-Nitroaniline	20	U	20	5.0
621-64-7	N-Nitrosodi-n-propylamine	1.0	U	1.0	0.25
83-32-9	Acenaphthene	10	U	10	2.7
51-28-5	2,4-Dinitrophenol	30	U	30	5.4
132-64-9	Dibenzofuran	10	U	10	2.8
84-66-2	Diethyl phthalate	10	U	10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	30	U	30	4.7
86-30-6	N-Nitrosodiphenylamine	10	U	10	2.9
101-55-3	4-Bromophenyl phenyl ether	10	U	10	2.5
118-74-1	Hexachlorobenzene	1.0	U	1.0	0.29
87-86-5	Pentachlorophenol	30	U	30	5.3
85-01-8	Phenanthrene	10	U	10	3.1
120-12-7	Anthracene	10	U	10	2.8
84-74-2	Di-n-butyl phthalate	10	U	10	2.9
129-00-0	Pyrene	10	U	10	2.9
85-68-7	Butyl benzyl phthalate	10	U	10	2.5
91-94-1	3,3'-Dichlorobenzidine	20	U	20	4.9
56-55-3	Benzo[a]anthracene	1.0	U	1.0	0.27
218-01-9	Chrysene	10	U	10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	10	U	10	2.0
117-84-0	Di-n-octyl phthalate	10	U	10	1.5
205-99-2	Benzo[b]fluoranthene	1.0	U	1.0	0.26
193-39-5	Indeno[1,2,3-cd]pyrene	1.0	U	1.0	0.15
191-24-2	Benzo[g,h,i]perylene	10	U	10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-91853/1-A
Matrix: Water Lab File ID: x19553.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 1000(mL) Date Analyzed: 11/13/2011 04:31
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92827 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	97		46-122
321-60-8	2-Fluorobiphenyl	82		53-108
367-12-4	2-Fluorophenol (Surr)	53		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	93		56-112
4165-62-2	Phenol-d5 (Surr)	33		10-48
1718-51-0	Terphenyl-d14 (Surr)	100		50-122

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19553.d
 Report Date: 13-Nov-2011 15:40

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19553.d
 Lab Smp Id: MB 460-91853/1-A
 Inj Date : 13-NOV-2011 04:31
 Operator : BNAMS 4
 Smp Info : MB 460-91853/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 14:06 czhao
 Cal Date : 13-NOV-2011 03:05
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19551.d

QC Sample: BLANK

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	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	====	==	=====	=====	=====	=====	=====	
\$ 16 2-Fluorophenol (SUR)	112	1.830	1.859	(0.612)	570996	26.5982	53	
\$ 17 Phenol-d5 (SUR)	99	2.683	2.712	(0.898)	379721	16.3759	33	
* 79 1,4-Dichlorobenzene-d4	152	2.989	2.995	(1.000)	750208	40.0000		
\$ 76 Nitrobenzene-d5 (SUR)	82	3.577	3.589	(0.831)	1094323	46.2960	92	
* 80 Naphthalene-d8	136	4.306	4.312	(1.000)	2708872	40.0000		
\$ 77 2-Fluorobiphenyl (SUR)	172	5.424	5.430	(0.896)	1849107	40.8402	82	
* 82 Acenaphthene-d10	164	6.053	6.053	(1.000)	1190900	40.0000		
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.818	6.824	(1.126)	223732	48.2684	96	
* 83 Phenanthrene-d10	188	7.477	7.477	(1.000)	1380242	40.0000		
\$ 78 Terphenyl-d14	244	9.041	9.047	(0.903)	878866	50.1349	100	
* 81 Chrysene-d12	240	10.012	10.018	(1.000)	645961	40.0000		
* 84 Perylene-d12	264	11.488	11.494	(1.000)	529489	40.0000		

Data File: x19553.d

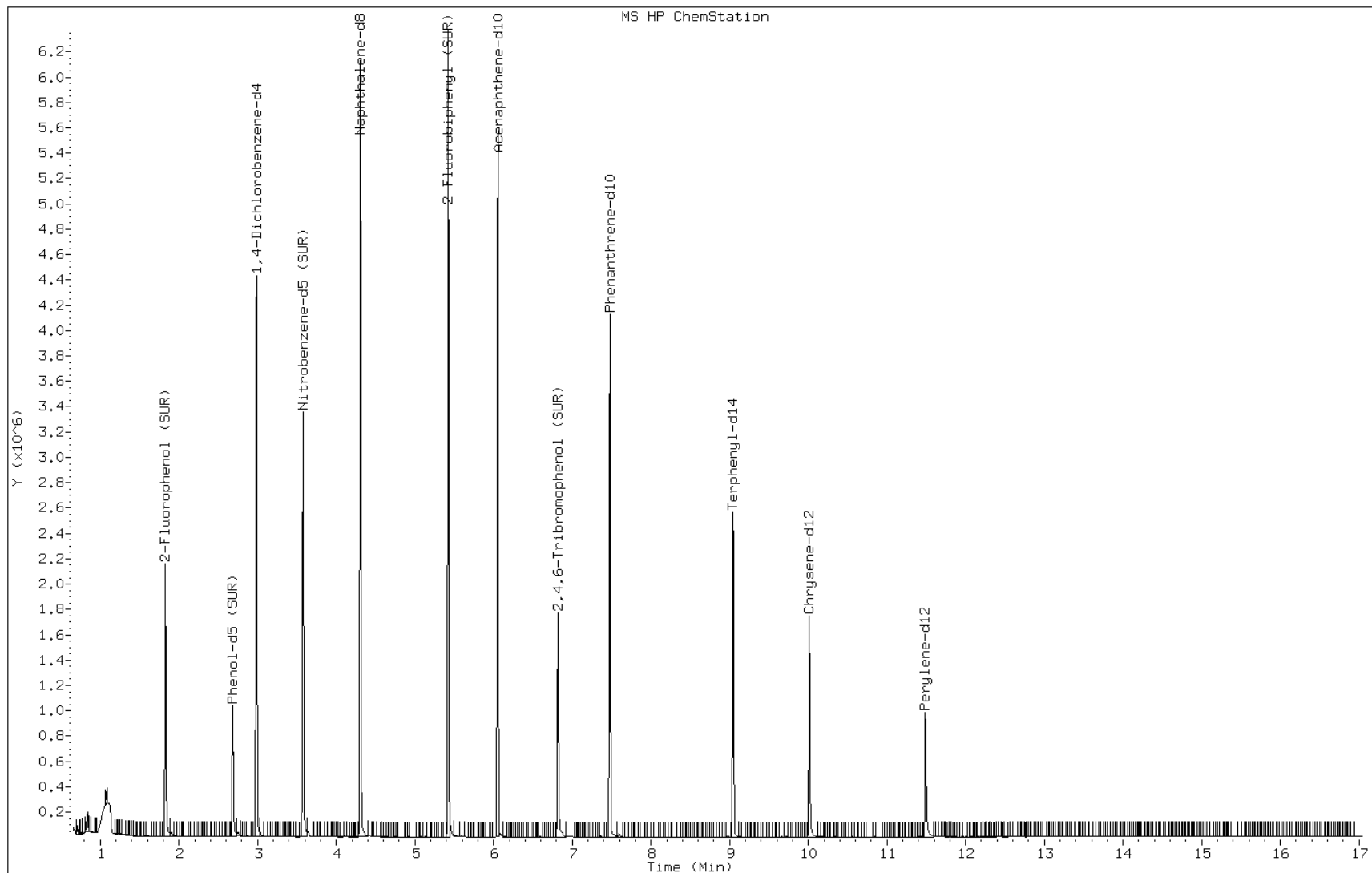
Date: 13-NOV-2011 04:31

Client ID:

Instrument: BNAMS5.i

Sample Info: MB 460-91853/1-A

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-91853/2-A

Matrix: Water Lab File ID: x19552.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 1000(mL) Date Analyzed: 11/13/2011 04:08

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	79.8		10	2.8
108-95-2	Phenol	29.2		10	0.81
88-06-2	2,4,6-Trichlorophenol	84.5		10	2.4
111-44-4	Bis(2-chloroethyl)ether	79.2		1.0	0.28
120-83-2	2,4-Dichlorophenol	87.4		10	2.6
95-57-8	2-Chlorophenol	83.2		10	2.2
121-14-2	2,4-Dinitrotoluene	84.9		2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	80.2		10	2.0
98-86-2	Acetophenone	86.4		10	2.7
91-57-6	2-Methylnaphthalene	77.8		10	3.0
106-44-5	4-Methylphenol	57.4		10	1.6
95-48-7	2-Methylphenol	68.1		10	1.8
88-74-4	2-Nitroaniline	82.7		20	4.9
67-72-1	Hexachloroethane	70.5		1.0	0.25
98-95-3	Nitrobenzene	75.2		1.0	0.30
59-50-7	4-Chloro-3-methylphenol	86.6		10	2.5
78-59-1	Isophorone	79.1		10	2.7
88-75-5	2-Nitrophenol	81.3		10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	81.5		10	2.5
105-67-9	2,4-Dimethylphenol	75.1		10	3.4
100-01-6	4-Nitroaniline	116		20	5.8
100-02-7	4-Nitrophenol	26.4	J	30	6.7
111-91-1	Bis(2-chloroethoxy)methane	81.4		10	2.6
1912-24-9	Atrazine	75.5		10	3.0
91-20-3	Naphthalene	74.4		10	2.7
100-52-7	Benzaldehyde	154		10	2.0
106-47-8	4-Chloroaniline	88.4		10	2.0
50-32-8	Benzo[a]pyrene	78.2		1.0	0.14
87-68-3	Hexachlorobutadiene	69.1		2.0	0.57
207-08-9	Benzo[k]fluoranthene	87.0		1.0	0.26
105-60-2	Caprolactam	20.4		10	2.5
86-74-8	Carbazole	90.3		10	3.2
77-47-4	Hexachlorocyclopentadiene	47.7		10	1.7
53-70-3	Dibenz(a,h)anthracene	90.0		1.0	0.090

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-91853/2-A

Matrix: Water Lab File ID: x19552.d

Analysis Method: 8270C Date Collected: _____

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 1000(mL) Date Analyzed: 11/13/2011 04:08

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	88.4		10	2.6
131-11-3	Dimethyl phthalate	82.9		10	2.8
91-58-7	2-Chloronaphthalene	77.7		10	2.7
206-44-0	Fluoranthene	87.7		10	3.2
86-73-7	Fluorene	81.2		10	2.8
606-20-2	2,6-Dinitrotoluene	81.6		2.0	0.61
208-96-8	Acenaphthylene	77.5		10	2.7
99-09-2	3-Nitroaniline	106		20	5.0
621-64-7	N-Nitrosodi-n-propylamine	83.4		1.0	0.25
83-32-9	Acenaphthene	77.5		10	2.7
51-28-5	2,4-Dinitrophenol	75.5		30	5.4
132-64-9	Dibenzofuran	79.8		10	2.8
84-66-2	Diethyl phthalate	87.3		10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	84.1		30	4.7
86-30-6	N-Nitrosodiphenylamine	93.8		10	2.9
101-55-3	4-Bromophenyl phenyl ether	81.5		10	2.5
118-74-1	Hexachlorobenzene	81.3		1.0	0.29
87-86-5	Pentachlorophenol	78.2		30	5.3
85-01-8	Phenanthrene	84.9		10	3.1
120-12-7	Anthracene	81.0		10	2.8
84-74-2	Di-n-butyl phthalate	87.5		10	2.9
129-00-0	Pyrene	78.5		10	2.9
85-68-7	Butyl benzyl phthalate	80.8		10	2.5
91-94-1	3,3'-Dichlorobenzidine	88.8		20	4.9
56-55-3	Benzo[a]anthracene	80.3		1.0	0.27
218-01-9	Chrysene	82.1		10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	81.4		10	2.0
117-84-0	Di-n-octyl phthalate	79.6		10	1.5
205-99-2	Benzo[b]fluoranthene	78.2		1.0	0.26
193-39-5	Indeno[1,2,3-cd]pyrene	80.3		1.0	0.15
191-24-2	Benzo[g,h,i]perylene	83.4		10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: LCS 460-91853/2-A
Matrix: Water Lab File ID: x19552.d
Analysis Method: 8270C Date Collected: _____
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 1000(mL) Date Analyzed: 11/13/2011 04:08
Con. Extract Vol.: 2(mL) Dilution Factor: 1
Injection Volume: 1(uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92827 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	92		46-122
321-60-8	2-Fluorobiphenyl	80		53-108
367-12-4	2-Fluorophenol (Surr)	46		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	82		56-112
4165-62-2	Phenol-d5 (Surr)	28		10-48
1718-51-0	Terphenyl-d14 (Surr)	82		50-122

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19552.d
 Report Date: 13-Nov-2011 13:57

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19552.d
 Lab Smp Id: LCS 460-91853/2-A
 Inj Date : 13-NOV-2011 04:08
 Operator : BNAMS 4
 Smp Info : LCS 460-91853/2-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 13:52 czhao
 Cal Date : 13-NOV-2011 03:05
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS5.i

Quant Type: ISTD

Cal File: x19551.d

QC Sample: BS

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	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	0.742	0.759	(0.249)	173109	21.2934	42	
19 N-Nitrosodimethylamine	74	0.901	0.930	(0.302)	262953	22.1704	44	
71 Pyridine	79	0.918	0.948	(0.308)	453633	21.6594	43	
\$ 16 2-Fluorophenol (SUR)	112	1.830	1.848	(0.614)	440247	23.0104	46	
110 Benzaldehyde	77	2.554	2.565	(0.856)	550875	77.1085	150	
\$ 17 Phenol-d5 (SUR)	99	2.689	2.712	(0.901)	292767	14.1668	28	
1 Phenol	94	2.701	2.724	(0.905)	308577	14.5805	29	
73 Aniline	93	2.665	2.683	(0.894)	840329	32.5771	65	
20 bis(2-Chloroethyl)ether	93	2.754	2.765	(0.923)	814249	39.6035	79	
2 2-Chlorophenol	128	2.783	2.795	(0.933)	849789	41.5978	83	
113 n-decane	43	2.871	2.883	(0.963)	882907	34.0608	68	
21 1,3-Dichlorobenzene	146	2.924	2.936	(0.980)	985963	35.9660	72	
* 79 1,4-Dichlorobenzene-d4	152	2.983	2.995	(1.000)	668610	40.0000		
22 1,4-Dichlorobenzene	146	3.001	3.012	(1.006)	992847	36.3524	73	
74 Benzyl Alcohol	108	3.165	3.177	(1.061)	404335	38.5754	77	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19552.d
 Report Date: 13-Nov-2011 13:57

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.154	3.165	(1.057)	929546	36.4407	73
3 2-Methylphenol	108	3.324	3.330	(1.114)	535753	34.0256	68
24 bis (2-chloroisopropyl) ether	45	3.312	3.318	(1.110)	1148680	40.1105	80
104 Acetophenone	105	3.430	3.442	(1.150)	1057587	43.2110	86
4 4-Methylphenol	108	3.495	3.500	(1.172)	448051	28.7175	57
121 3 & 4 Methylphenol	108	3.495	3.500	(1.172)	448051	28.7175	57
25 N-Nitroso-di-n-propylamine	70	3.459	3.471	(1.160)	505605	41.6928	83
26 Hexachloroethane	117	3.506	3.506	(1.175)	344022	35.2738	70
\$ 76 Nitrobenzene-d5 (SUR)	82	3.583	3.589	(0.832)	821130	41.1597	82
107 N,N-Dimethylaniline	120	3.612	3.618	(1.211)	1008235	32.8150	66
27 Nitrobenzene	77	3.601	3.612	(0.836)	991714	37.5761	75
28 Isophorone	82	3.865	3.871	(0.898)	1156164	39.5695	79
5 2-Nitrophenol	139	3.936	3.942	(0.914)	457873	40.6300	81
6 2,4-Dimethylphenol	122	4.042	4.048	(0.939)	573608	37.5690	75
29 bis(2-Chloroethoxy)methane	93	4.124	4.130	(0.958)	812447	40.6807	81
7 2,4-Dichlorophenol	162	4.200	4.206	(0.975)	621369	43.7101	87
30 1,2,4-Trichlorobenzene	180	4.265	4.271	(0.990)	675450	36.0151	72
* 80 Naphthalene-d8	136	4.306	4.312	(1.000)	2286264	40.0000	
31 Naphthalene	128	4.330	4.336	(1.005)	2235937	37.1921	74
32 4-Chloroaniline	127	4.418	4.424	(1.026)	787094	44.1932	88
33 Hexachlorobutadiene	225	4.489	4.489	(1.042)	361895	34.5405	69
111 Caprolactam	113	4.783	4.818	(1.111)	32381	10.1792	20
8 4-Chloro-3-methylphenol	107	4.965	4.971	(1.153)	492131	43.2829	86
34 2-Methylnaphthalene	142	5.036	5.036	(1.169)	1336104	38.9029	78
35 Hexachlorocyclopentadiene	237	5.212	5.212	(0.861)	184580	23.8394	48
9 2,4,6-Trichlorophenol	196	5.347	5.347	(0.883)	368212	42.2405	84
10 2,4,5-Trichlorophenol	196	5.383	5.389	(0.889)	386477	44.1831	88
\$ 77 2-Fluorobiphenyl (SUR)	172	5.424	5.430	(0.896)	1389600	40.0932	80
102 Diphenyl	154	5.512	5.518	(0.911)	1458042	39.9015	80
36 2-Chloronaphthalene	162	5.512	5.512	(0.911)	1106735	38.8464	78
103 Diphenyl Ether	170	5.624	5.624	(0.929)	792305	38.1429	76
37 2-Nitroaniline	65	5.642	5.647	(0.932)	287974	41.3273	83
38 Dimethylphthalate	163	5.853	5.859	(0.967)	1062845	41.4431	83
40 2,6-Dinitrotoluene	165	5.894	5.900	(0.974)	248033	40.8207	82
39 Acenaphthylene	152	5.906	5.912	(0.976)	1662992	38.7565	78
41 3-Nitroaniline	138	6.053	6.053	(1.000)	240208	53.1189	110(R)
* 82 Acenaphthene-d10	164	6.053	6.053	(1.000)	911633	40.0000	(M)
42 Acenaphthene	154	6.083	6.083	(1.005)	999142	38.7681	78
11 2,4-Dinitrophenol	184	6.159	6.165	(1.017)	103031	37.7639	76
12 4-Nitrophenol	65	6.289	6.283	(1.039)	35426	13.1959	26(a)
44 2,4-Dinitrotoluene	165	6.289	6.289	(1.039)	288945	42.4642	85
43 Dibenzofuran	168	6.253	6.259	(1.033)	1432703	39.9114	80
45 Diethylphthalate	149	6.547	6.547	(1.082)	959533	43.6635	87
46 4-Chlorophenyl-phenylether	204	6.612	6.612	(1.092)	519920	40.7570	82
47 Fluorene	166	6.583	6.589	(1.087)	1124884	40.6120	81
48 4-Nitroaniline	138	6.641	6.641	(1.097)	195197	57.9436	120(R)
13 4,6-Dinitro-2-methylphenol	198	6.677	6.683	(0.893)	142005	42.0595	84

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19552.d
 Report Date: 13-Nov-2011 13:57

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
49 N-Nitrosodiphenylamine	169	6.736	6.736	(0.901)	729784	46.9111	94
75 1,2-Diphenylhydrazine	77	6.765	6.765	(0.905)	1090267	40.2184	80
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.824	6.824	(1.127)	163547	46.0928	92
50 4-Bromophenyl-phenylether	248	7.077	7.077	(0.946)	269849	40.7660	82
51 Hexachlorobenzene	284	7.118	7.124	(0.952)	283190	40.6603	81
112 Atrazine	200	7.283	7.288	(0.974)	169492	37.7328	75
14 Pentachlorophenol	266	7.324	7.330	(0.980)	130034	39.0849	78
* 83 Phenanthrene-d10	188	7.477	7.477	(1.000)	1013275	40.0000	
52 Phenanthrene	178	7.500	7.500	(1.003)	1229566	42.4527	85
53 Anthracene	178	7.547	7.547	(1.009)	1240813	40.4811	81
54 Carbazole	167	7.730	7.730	(1.034)	1011475	45.1649	90
55 Di-n-butylphthalate	149	8.130	8.124	(1.087)	1202050	43.7614	88
56 Fluoranthene	202	8.641	8.635	(1.156)	1038416	43.8341	88
58 Benzidine	184	8.824	8.841	(1.180)	18389	21.9531	44(R)
57 Pyrene	202	8.847	8.847	(0.883)	1031124	39.2650	78
\$ 78 Terphenyl-d14	244	9.047	9.041	(0.903)	699934	41.1506	82
59 Butylbenzylphthalate	149	9.553	9.553	(0.954)	414951	40.3922	81
60 3,3'-Dichlorobenzidine	252	10.018	10.018	(1.000)	243530	44.3890	89
61 Benzo(a)anthracene	228	10.006	10.006	(0.999)	743672	40.1563	80
* 81 Chrysene-d12	240	10.018	10.012	(1.000)	626766	40.0000	
62 Chrysene	228	10.041	10.035	(1.002)	781134	41.0641	82
63 bis(2-Ethylhexyl)phthalate	149	10.141	10.135	(1.012)	547338	40.7077	81
64 Di-n-octylphthalate	149	10.794	10.788	(0.939)	795962	39.8041	80
65 Benzo(b)fluoranthene	252	11.082	11.082	(0.964)	667347	39.0857	78
66 Benzo(k)fluoranthene	252	11.112	11.112	(0.967)	748319	43.5070	87
67 Benzo(a)pyrene	252	11.429	11.429	(0.994)	526424	39.1102	78
* 84 Perylene-d12	264	11.494	11.494	(1.000)	544762	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	12.712	12.712	(1.106)	502993	40.1253	80
69 Dibenz(a,h)anthracene	278	12.753	12.747	(1.109)	531035	44.9938	90
70 Benzo(g,h,i)perylene	276	13.012	13.006	(1.132)	558977	41.7111	83

QC Flag Legend

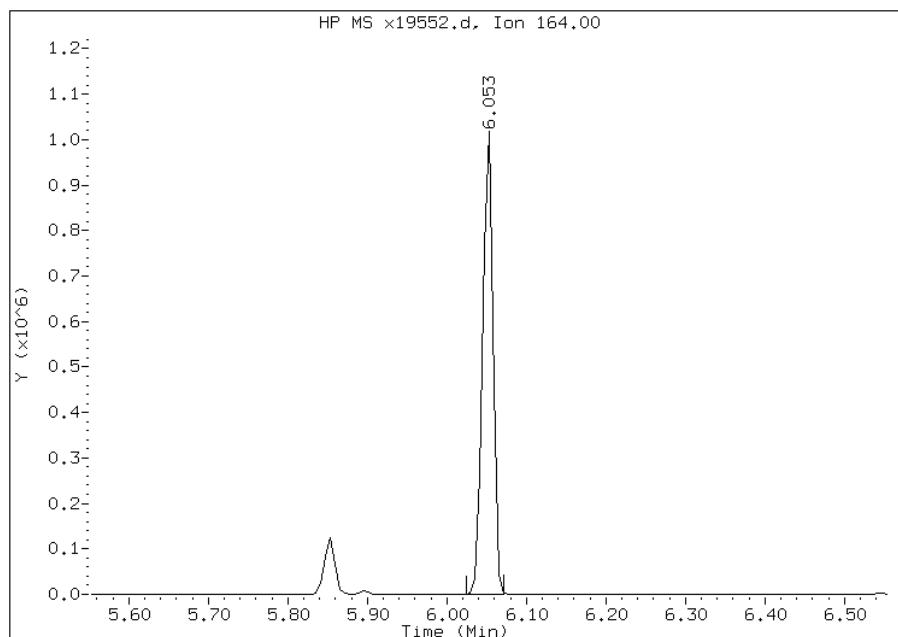
- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.

Manual Integration Report

Data File: x19552.d
Inj. Date and Time: 13-NOV-2011 04:08
Instrument ID: BNAMS5.i
Client ID:
Compound: 82 Acenaphthene-d10
CAS #: 15067-26-2
Report Date: 11/13/2011

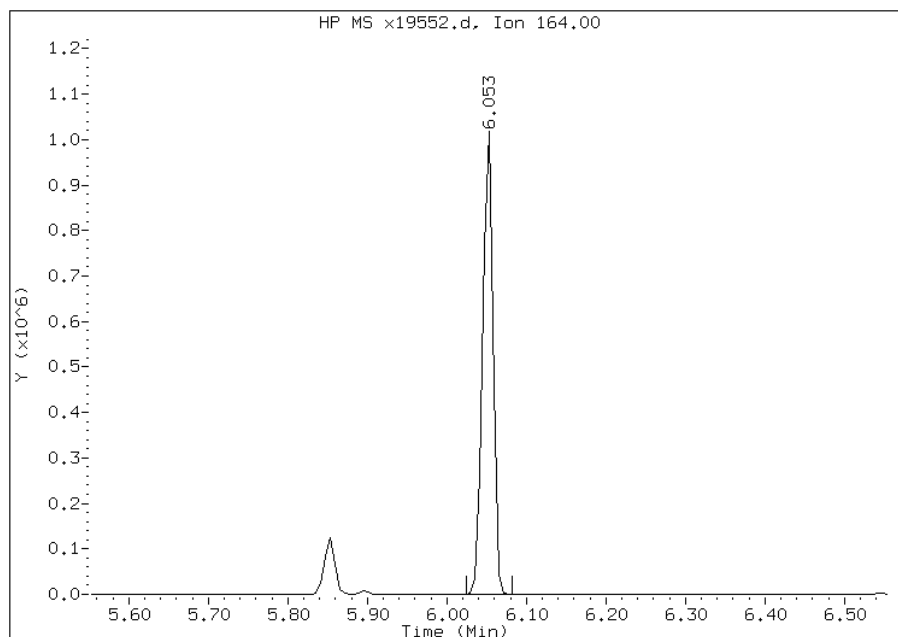
Processing Integration Results

RT: 6.05
Response: 911082
Amount: 40
Conc: 80



Manual Integration Results

RT: 6.05
Response: 911633
Amount: 40
Conc: 80



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>TestAmerica Edison</u>	Job No.: <u>460-33168-1</u>
SDG No.: _____	
Client Sample ID: <u>GW-17338-110211-MW28-12</u>	Lab Sample ID: <u>460-33168-1 MS</u>
Matrix: <u>Water</u>	Lab File ID: <u>x19554.d</u>
Analysis Method: <u>8270C</u>	Date Collected: <u>11/02/2011 10:00</u>
Extract. Method: <u>3510C</u>	Date Extracted: <u>11/04/2011 08:51</u>
Sample wt/vol: <u>990 (mL)</u>	Date Analyzed: <u>11/13/2011 04:54</u>
Con. Extract Vol.: <u>2 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>1 (uL)</u>	Level: (low/med) <u>Low</u>
% Moisture: _____	GPC Cleanup: (Y/N) <u>N</u>
Analysis Batch No.: <u>92827</u>	Units: <u>ug/L</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	87.5		10	2.8
108-95-2	Phenol	34.9		10	0.82
88-06-2	2,4,6-Trichlorophenol	89.6		10	2.4
111-44-4	Bis(2-chloroethyl)ether	84.0		1.0	0.28
120-83-2	2,4-Dichlorophenol	91.2		10	2.6
95-57-8	2-Chlorophenol	89.1		10	2.2
121-14-2	2,4-Dinitrotoluene	91.7		2.0	0.47
108-60-1	2,2'-oxybis[1-chloropropane]	85.1		10	2.0
98-86-2	Acetophenone	90.0		10	2.7
91-57-6	2-Methylnaphthalene	83.2		10	3.0
106-44-5	4-Methylphenol	63.7		10	1.6
95-48-7	2-Methylphenol	75.0		10	1.8
88-74-4	2-Nitroaniline	85.2		20	4.9
67-72-1	Hexachloroethane	77.6		1.0	0.25
98-95-3	Nitrobenzene	80.6		1.0	0.30
59-50-7	4-Chloro-3-methylphenol	88.0		10	2.5
78-59-1	Isophorone	83.9		10	2.7
88-75-5	2-Nitrophenol	87.6		10	2.4
7005-72-3	4-Chlorophenyl phenyl ether	88.3		10	2.5
105-67-9	2,4-Dimethylphenol	84.5		10	3.4
100-01-6	4-Nitroaniline	112		20	5.9
100-02-7	4-Nitrophenol	27.8	J	30	6.8
111-91-1	Bis(2-chloroethoxy)methane	87.3		10	2.6
1912-24-9	Atrazine	68.6		10	3.0
91-20-3	Naphthalene	82.8		10	2.7
100-52-7	Benzaldehyde	153		10	2.0
106-47-8	4-Chloroaniline	79.9		10	2.0
50-32-8	Benzo[a]pyrene	86.7		1.0	0.14
87-68-3	Hexachlorobutadiene	77.9		2.0	0.58
207-08-9	Benzo[k]fluoranthene	90.9		1.0	0.26
105-60-2	Caprolactam	21.3		10	2.5
86-74-8	Carbazole	94.0		10	3.2
77-47-4	Hexachlorocyclopentadiene	57.7		10	1.7
53-70-3	Dibenz(a,h)anthracene	99.9		1.0	0.091

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS

Matrix: Water Lab File ID: x19554.d

Analysis Method: 8270C Date Collected: 11/02/2011 10:00

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 04:54

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

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

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

Analysis Batch No.: 92827 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	85.3		10	2.6
131-11-3	Dimethyl phthalate	87.0		10	2.8
91-58-7	2-Chloronaphthalene	85.5		10	2.7
206-44-0	Fluoranthene	99.1		10	3.2
86-73-7	Fluorene	87.4		10	2.8
606-20-2	2,6-Dinitrotoluene	87.5		2.0	0.62
208-96-8	Acenaphthylene	82.5		10	2.7
99-09-2	3-Nitroaniline	97.5		20	5.1
621-64-7	N-Nitrosodi-n-propylamine	86.6		1.0	0.25
83-32-9	Acenaphthene	84.9		10	2.7
51-28-5	2,4-Dinitrophenol	92.6		30	5.5
132-64-9	Dibenzofuran	86.3		10	2.8
84-66-2	Diethyl phthalate	91.7		10	2.9
534-52-1	4,6-Dinitro-2-methylphenol	98.5		30	4.7
86-30-6	N-Nitrosodiphenylamine	99.8		10	2.9
101-55-3	4-Bromophenyl phenyl ether	88.4		10	2.5
118-74-1	Hexachlorobenzene	89.1		1.0	0.29
87-86-5	Pentachlorophenol	98.7		30	5.4
85-01-8	Phenanthrene	91.5		10	3.1
120-12-7	Anthracene	87.9		10	2.8
84-74-2	Di-n-butyl phthalate	97.5		10	2.9
129-00-0	Pyrene	83.3		10	2.9
85-68-7	Butyl benzyl phthalate	87.4		10	2.5
91-94-1	3,3'-Dichlorobenzidine	65.0		20	4.9
56-55-3	Benzo[a]anthracene	89.9		1.0	0.27
218-01-9	Chrysene	89.6		10	3.1
117-81-7	Bis(2-ethylhexyl) phthalate	90.6		10	2.0
117-84-0	Di-n-octyl phthalate	83.7		10	1.5
205-99-2	Benzo[b]fluoranthene	88.6		1.0	0.26
193-39-5	Indeno[1,2,3-cd]pyrene	85.1		1.0	0.15
191-24-2	Benzo[g,h,i]perylene	92.7		10	2.0

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS
Matrix: Water Lab File ID: x19554.d
Analysis Method: 8270C Date Collected: 11/02/2011 10:00
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 04:54
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92827 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	91		46-122
321-60-8	2-Fluorobiphenyl	84		53-108
367-12-4	2-Fluorophenol (Surr)	50		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	84		56-112
4165-62-2	Phenol-d5 (Surr)	32		10-48
1718-51-0	Terphenyl-d14 (Surr)	81		50-122

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19554.d
 Report Date: 13-Nov-2011 15:41

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19554.d
 Lab Smp Id: 460-33168-I-1-A MS Client Smp ID: GW-17338-110211-MW2
 Inj Date : 13-NOV-2011 04:54
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-33168-I-1-A MS
 Misc Info : 460-33168-I-1-A MS
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 14:06 czhao Quant Type: ISTD
 Cal Date : 13-NOV-2011 03:05 Cal File: x19551.d
 Als bottle: 5 QC Sample: MS
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG						CONCENTRATIONS	
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====
106 1,4-Dioxane	88	0.742	0.765 (0.248)	178160	24.6676	50		
19 N-Nitrosodimethylamine	74	0.906	0.948 (0.303)	282033	26.7662	54		
71 Pyridine	79	0.918	0.965 (0.307)	340083	18.2776	37		
\$ 16 2-Fluorophenol (SUR)	112	1.830	1.859 (0.612)	421936	24.8236	50		
110 Benzaldehyde	77	2.553	2.565 (0.854)	479495	75.5481	150		
\$ 17 Phenol-d5 (SUR)	99	2.689	2.712 (0.900)	290208	15.8070	32		
1 Phenol	94	2.706	2.724 (0.906)	324394	17.2533	35		
73 Aniline	93	2.671	2.683 (0.894)	611627	26.6895	54		
20 bis(2-Chloroethyl)ether	93	2.753	2.771 (0.921)	759902	41.6030	84		
2 2-Chlorophenol	128	2.783	2.800 (0.931)	800022	44.0810	89		
113 n-decane	43	2.877	2.883 (0.963)	832833	36.1650	73		
21 1,3-Dichlorobenzene	146	2.930	2.936 (0.980)	936358	38.4472	78		
* 79 1,4-Dichlorobenzene-d4	152	2.989	2.995 (1.000)	593994	40.0000			
22 1,4-Dichlorobenzene	146	3.006	3.012 (1.006)	927386	38.2211	77		
74 Benzyl Alcohol	108	3.171	3.183 (1.061)	370931	39.8339	80		

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19554.d
 Report Date: 13-Nov-2011 15:41

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.159	3.165	(1.057)	880951	38.8739	78
3 2-Methylphenol	108	3.324	3.336	(1.112)	519623	37.1468	75
24 bis (2-chloroisopropyl) ether	45	3.318	3.324	(1.110)	1072146	42.1409	85
104 Acetophenone	105	3.436	3.447	(1.150)	968786	44.5551	90
4 4-Methylphenol	108	3.494	3.506	(1.169)	436714	31.5070	64
121 3 & 4 Methylphenol	108	3.494	3.506	(1.169)	436714	31.5070	64
25 N-Nitroso-di-n-propylamine	70	3.465	3.471	(1.159)	462067	42.8889	87
26 Hexachloroethane	117	3.506	3.512	(1.173)	332672	38.3949	78
\$ 76 Nitrobenzene-d5 (SUR)	82	3.583	3.589	(0.831)	720702	42.1007	85
107 N,N-Dimethylaniline	120	3.612	3.624	(1.209)	867938	31.7973	64
27 Nitrobenzene	77	3.606	3.618	(0.836)	903968	39.9165	81
28 Isophorone	82	3.865	3.871	(0.896)	1041849	41.5546	84
5 2-Nitrophenol	139	3.936	3.942	(0.913)	419208	43.3516	88
6 2,4-Dimethylphenol	122	4.042	4.047	(0.937)	548017	41.8295	84
29 bis(2-Chloroethoxy)methane	93	4.124	4.130	(0.956)	740575	43.2152	87
7 2,4-Dichlorophenol	162	4.200	4.206	(0.974)	550830	45.1569	91
30 1,2,4-Trichlorobenzene	180	4.271	4.271	(0.990)	639091	39.7126	80
* 80 Naphthalene-d8	136	4.312	4.312	(1.000)	1961790	40.0000	
31 Naphthalene	128	4.330	4.336	(1.004)	2113963	40.9791	83
32 4-Chloroaniline	127	4.424	4.430	(1.026)	604172	39.5333	80
33 Hexachlorobutadiene	225	4.489	4.494	(1.041)	346514	38.5426	78
111 Caprolactam	113	4.783	4.818	(1.109)	28740	10.5289	21
8 4-Chloro-3-methylphenol	107	4.965	4.977	(1.151)	425120	43.5733	88
34 2-Methylnaphthalene	142	5.036	5.041	(1.168)	1213086	41.1630	83
35 Hexachlorocyclopentadiene	237	5.212	5.212	(0.861)	186223	28.5501	58
9 2,4,6-Trichlorophenol	196	5.347	5.353	(0.883)	325707	44.3530	90
10 2,4,5-Trichlorophenol	196	5.383	5.394	(0.889)	311221	42.2343	85
\$ 77 2-Fluorobiphenyl (SUR)	172	5.424	5.430	(0.896)	1226408	42.0029	85
102 Diphenyl	154	5.512	5.518	(0.911)	1333507	43.3190	88
36 2-Chloronaphthalene	162	5.512	5.518	(0.911)	1015584	42.3143	85
103 Diphenyl Ether	170	5.624	5.630	(0.929)	723525	41.3465	84
37 2-Nitroaniline	65	5.641	5.647	(0.932)	247491	42.1607	85
38 Dimethylphthalate	163	5.853	5.859	(0.967)	930165	43.0533	87
40 2,6-Dinitrotoluene	165	5.894	5.900	(0.974)	221741	43.3193	88
39 Acenaphthylene	152	5.912	5.912	(0.977)	1475834	40.8278	82
41 3-Nitroaniline	138	6.053	6.053	(1.000)	183883	48.2689	98
* 82 Acenaphthene-d10	164	6.053	6.053	(1.000)	767991	40.0000	
42 Acenaphthene	154	6.083	6.088	(1.005)	912219	42.0155	85
11 2,4-Dinitrophenol	184	6.159	6.165	(1.017)	105400	45.8579	93
12 4-Nitrophenol	65	6.294	6.288	(1.040)	31076	13.7406	28(a)
44 2,4-Dinitrotoluene	165	6.288	6.288	(1.039)	260108	45.3759	92
43 Dibenzofuran	168	6.253	6.259	(1.033)	1291682	42.7130	86
45 Diethylphthalate	149	6.547	6.547	(1.082)	840508	45.4009	92
46 4-Chlorophenyl-phenylether	204	6.612	6.612	(1.092)	469652	43.7024	88
47 Fluorene	166	6.583	6.588	(1.087)	1009057	43.2441	87
48 4-Nitroaniline	138	6.641	6.647	(1.097)	157998	55.6735	110(R)
13 4,6-Dinitro-2-methylphenol	198	6.677	6.683	(0.893)	137184	48.7653	98

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11.b/x19554.d
 Report Date: 13-Nov-2011 15:41

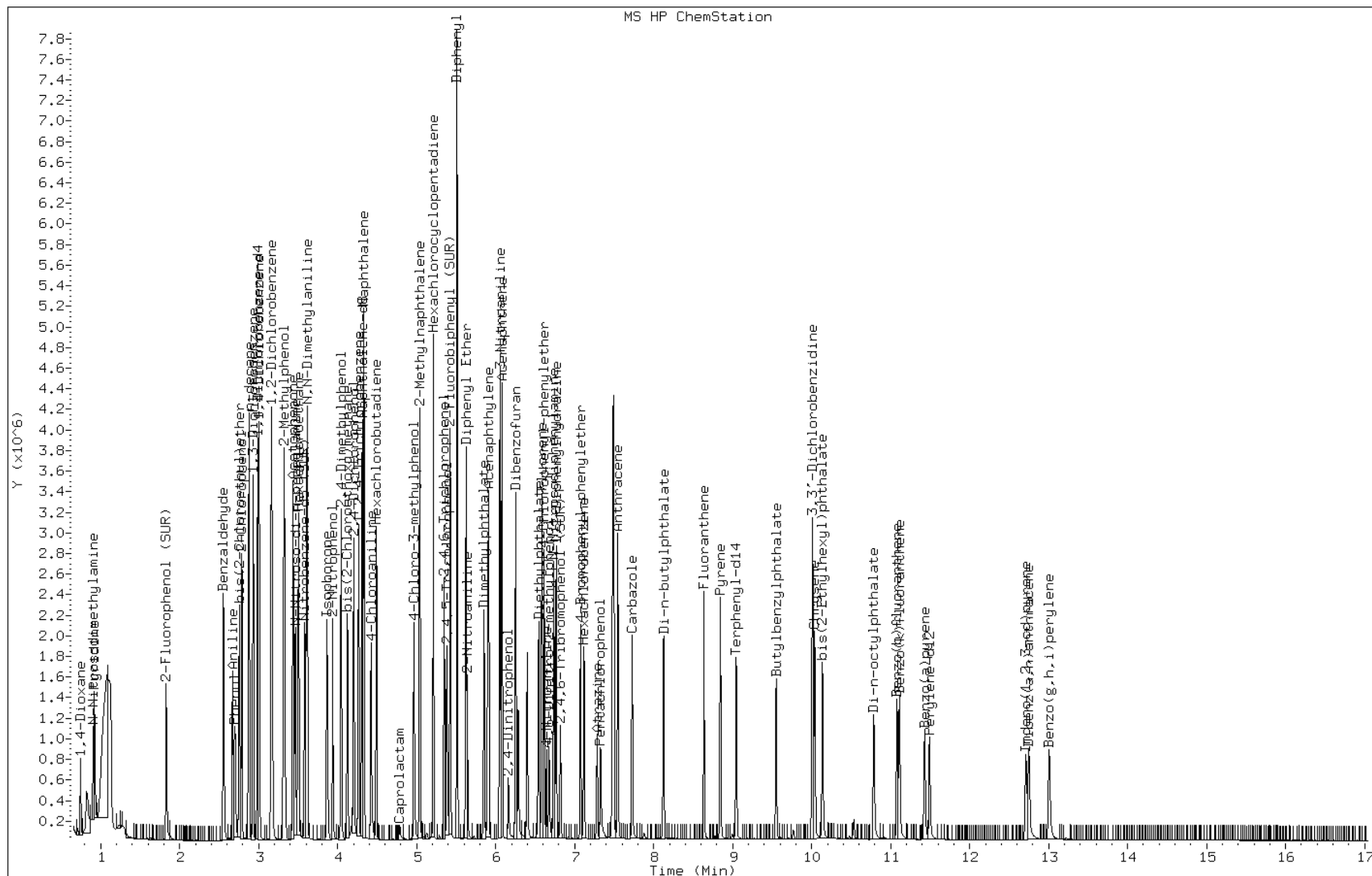
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
49 N-Nitrosodiphenylamine	169	6.735	6.736	(0.901)	640044	49.3785	100
75 1,2-Diphenylhydrazine	77	6.765	6.765	(0.905)	965223	42.7333	86
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.824	6.824	(1.127)	135501	45.3311	92
50 4-Bromophenyl-phenylether	248	7.077	7.077	(0.946)	241383	43.7654	88
51 Hexachlorobenzene	284	7.118	7.124	(0.952)	255864	44.0909	89
112 Atrazine	200	7.288	7.288	(0.975)	127004	33.9340	68
14 Pentachlorophenol	266	7.330	7.330	(0.980)	135401	48.8451	99
* 83 Phenanthrene-d10	188	7.477	7.477	(1.000)	844267	40.0000	
52 Phenanthrene	178	7.500	7.500	(1.003)	1092751	45.2817	91
53 Anthracene	178	7.547	7.553	(1.009)	1111034	43.5031	88
54 Carbazole	167	7.730	7.730	(1.034)	868193	46.5275	94
55 Di-n-butylphthalate	149	8.129	8.130	(1.087)	1104201	48.2463	97
56 Fluoranthene	202	8.635	8.641	(1.155)	967939	49.0384	99
57 Pyrene	202	8.847	8.847	(0.884)	949491	41.2500	83
\$ 78 Terphenyl-d14	244	9.041	9.047	(0.903)	604015	40.5140	82
59 Butylbenzylphthalate	149	9.553	9.553	(0.954)	389575	43.2643	87
60 3,3'-Dichlorobenzidine	252	10.018	10.018	(1.001)	154655	32.1607	65
61 Benzo(a)anthracene	228	10.006	10.006	(0.999)	722297	44.4966	90
* 81 Chrysene-d12	240	10.012	10.018	(1.000)	549373	40.0000	
62 Chrysene	228	10.035	10.041	(1.002)	739498	44.3518	90
63 bis(2-Ethylhexyl)phthalate	149	10.135	10.141	(1.012)	528354	44.8316	90
64 Di-n-octylphthalate	149	10.788	10.794	(0.939)	779245	41.4438	84
65 Benzo(b)fluoranthene	252	11.082	11.082	(0.964)	703693	43.8328	88
66 Benzo(k)fluoranthene	252	11.112	11.112	(0.967)	727435	44.9797	91
67 Benzo(a)pyrene	252	11.429	11.429	(0.994)	543018	42.9059	87
* 84 Perylene-d12	264	11.494	11.494	(1.000)	512221	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	12.712	12.717	(1.106)	496635	42.1350	85
69 Dibenz(a,h)anthracene	278	12.747	12.747	(1.109)	548877	49.4599	100
70 Benzo(g,h,i)perylene	276	13.006	13.012	(1.132)	577952	45.8668	93

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.

Instrument: BNAMS5.i

Operator: BNAMS 4



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD

Matrix: Water Lab File ID: x19572.d

Analysis Method: 8270C Date Collected: 11/02/2011 10:00

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 860 (mL) Date Analyzed: 11/13/2011 19:04

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

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

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

Analysis Batch No.: 92952 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
92-52-4	1,1'-Biphenyl	108		12	3.3
108-95-2	Phenol	43.5		12	0.94
88-06-2	2,4,6-Trichlorophenol	113		12	2.8
111-44-4	Bis(2-chloroethyl)ether	104		1.2	0.33
120-83-2	2,4-Dichlorophenol	113		12	3.0
95-57-8	2-Chlorophenol	109		12	2.6
121-14-2	2,4-Dinitrotoluene	113		2.3	0.55
108-60-1	2,2'-oxybis[1-chloropropane]	102		12	2.3
98-86-2	Acetophenone	110		12	3.1
91-57-6	2-Methylnaphthalene	99.5		12	3.5
106-44-5	4-Methylphenol	78.7		12	1.9
95-48-7	2-Methylphenol	92.4		12	2.1
88-74-4	2-Nitroaniline	111		23	5.7
67-72-1	Hexachloroethane	89.8		1.2	0.29
98-95-3	Nitrobenzene	97.7		1.2	0.35
59-50-7	4-Chloro-3-methylphenol	107		12	2.9
78-59-1	Isophorone	102		12	3.1
88-75-5	2-Nitrophenol	108		12	2.8
7005-72-3	4-Chlorophenyl phenyl ether	108		12	2.9
105-67-9	2,4-Dimethylphenol	106		12	4.0
100-01-6	4-Nitroaniline	141		23	6.7
100-02-7	4-Nitrophenol	46.3		35	7.8
111-91-1	Bis(2-chloroethoxy)methane	107		12	3.0
1912-24-9	Atrazine	82.4		12	3.5
91-20-3	Naphthalene	98.1		12	3.1
100-52-7	Benzaldehyde	177		12	2.3
106-47-8	4-Chloroaniline	96.8		12	2.3
50-32-8	Benzo[a]pyrene	108		1.2	0.16
87-68-3	Hexachlorobutadiene	90.2		2.3	0.66
207-08-9	Benzo[k]fluoranthene	104		1.2	0.30
105-60-2	Caprolactam	26.9		12	2.9
86-74-8	Carbazole	113		12	3.7
77-47-4	Hexachlorocyclopentadiene	72.3		12	2.0
53-70-3	Dibenz(a,h)anthracene	109		1.2	0.10

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD

Matrix: Water Lab File ID: x19572.d

Analysis Method: 8270C Date Collected: 11/02/2011 10:00

Extract. Method: 3510C Date Extracted: 11/04/2011 08:51

Sample wt/vol: 860 (mL) Date Analyzed: 11/13/2011 19:04

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

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

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

Analysis Batch No.: 92952 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
95-95-4	2,4,5-Trichlorophenol	117		12	3.0
131-11-3	Dimethyl phthalate	113		12	3.3
91-58-7	2-Chloronaphthalene	103		12	3.1
206-44-0	Fluoranthene	117		12	3.7
86-73-7	Fluorene	107		12	3.3
606-20-2	2,6-Dinitrotoluene	108		2.3	0.71
208-96-8	Acenaphthylene	101		12	3.1
99-09-2	3-Nitroaniline	116		23	5.8
621-64-7	N-Nitrosodi-n-propylamine	107		1.2	0.29
83-32-9	Acenaphthene	105		12	3.1
51-28-5	2,4-Dinitrophenol	131		35	6.3
132-64-9	Dibenzofuran	106		12	3.3
84-66-2	Diethyl phthalate	113		12	3.4
534-52-1	4,6-Dinitro-2-methylphenol	128		35	5.5
86-30-6	N-Nitrosodiphenylamine	121		12	3.4
101-55-3	4-Bromophenyl phenyl ether	108		12	2.9
118-74-1	Hexachlorobenzene	109		1.2	0.34
87-86-5	Pentachlorophenol	123		35	6.2
85-01-8	Phenanthrene	108		12	3.6
120-12-7	Anthracene	107		12	3.3
84-74-2	Di-n-butyl phthalate	116		12	3.4
129-00-0	Pyrene	102		12	3.4
85-68-7	Butyl benzyl phthalate	112		12	2.9
91-94-1	3,3'-Dichlorobenzidine	90.8		23	5.7
56-55-3	Benzo[a]anthracene	110		1.2	0.31
218-01-9	Chrysene	113		12	3.6
117-81-7	Bis(2-ethylhexyl) phthalate	116		12	2.3
117-84-0	Di-n-octyl phthalate	104		12	1.7
205-99-2	Benzo[b]fluoranthene	108		1.2	0.30
193-39-5	Indeno[1,2,3-cd]pyrene	114		1.2	0.17
191-24-2	Benzo[g,h,i]perylene	113		12	2.3

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD
Matrix: Water Lab File ID: x19572.d
Analysis Method: 8270C Date Collected: 11/02/2011 10:00
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 860 (mL) Date Analyzed: 11/13/2011 19:04
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92952 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
118-79-6	2,4,6-Tribromophenol (Surr)	99		46-122
321-60-8	2-Fluorobiphenyl	89		53-108
367-12-4	2-Fluorophenol (Surr)	55		10-65
4165-60-0	Nitrobenzene-d5 (Surr)	87		56-112
4165-62-2	Phenol-d5 (Surr)	33		10-48
1718-51-0	Terphenyl-d14 (Surr)	85		50-122

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19572.d
 Report Date: 14-Nov-2011 15:10

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19572.d
 Lab Smp Id: 460-33168-H-1-A MSD Client Smp ID: GW-17338-110211-MW2
 Inj Date : 13-NOV-2011 19:04
 Operator : BNAMS 4 Inst ID: BNAMS5.i
 Smp Info : 460-33168-H-1-A MSD
 Misc Info : 460-33168-H-1-A MSD
 Comment :
 Method : /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/8270Cdel_08.m
 Meth Date : 13-Nov-2011 18:34 czhao Quant Type: ISTD
 Cal Date : 13-NOV-2011 18:03 Cal File: x19570.d
 Als bottle: 4 QC Sample: MSD
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	2.00000	Volume of final extract (mL)
Vo	860.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	CONCENTRATIONS						
		MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
=====	=====	==	=====	=====	=====	=====	=====	
106 1,4-Dioxane	88	0.724	0.736	(0.245)	232935	24.1725	56	
19 N-Nitrosodimethylamine	74	0.883	0.901	(0.299)	371195	27.7594	64	
71 Pyridine	79	0.895	0.912	(0.303)	588968	25.0538	58	
\$ 16 2-Fluorophenol (SUR)	112	1.800	1.812	(0.610)	569010	27.4605	64	
110 Benzaldehyde	77	2.524	2.530	(0.855)	615356	75.9666	180	
\$ 17 Phenol-d5 (SUR)	99	2.659	2.671	(0.900)	359029	16.5132	38	
1 Phenol	94	2.671	2.689	(0.904)	406381	18.6938	43	
73 Aniline	93	2.636	2.648	(0.892)	876515	31.7175	74	
20 bis(2-Chloroethyl)ether	93	2.724	2.730	(0.922)	981376	44.7627	100	
2 2-Chlorophenol	128	2.753	2.759	(0.932)	1021779	46.8088	110	
113 n-decane	43	2.841	2.848	(0.962)	1080844	36.4614	85	
21 1,3-Dichlorobenzene	146	2.894	2.900	(0.980)	1220916	39.6234	92	
* 79 1,4-Dichlorobenzene-d4	152	2.953	2.959	(1.000)	744303	40.0000		
22 1,4-Dichlorobenzene	146	2.971	2.977	(1.006)	1215350	39.8520	93	
74 Benzyl Alcohol	108	3.136	3.142	(1.062)	473090	41.0665	96	

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19572.d
 Report Date: 14-Nov-2011 15:10

Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	====	==	=====	=====	=====	=====	=====
23 1,2-Dichlorobenzene	146	3.124	3.124	(1.058)	1149508	40.1976	93
3 2-Methylphenol	108	3.294	3.295	(1.116)	653973	39.7258	92
24 bis (2-chloroisopropyl) ether	45	3.283	3.283	(1.112)	1338557	43.8819	100
104 Acetophenone	105	3.400	3.406	(1.151)	1238513	47.0992	110
4 4-Methylphenol	108	3.465	3.465	(1.173)	546472	33.8548	79
121 3 & 4 Methylphenol	108	3.465	3.465	(1.173)	546472	33.8548	79
25 N-Nitroso-di-n-propylamine	70	3.430	3.430	(1.161)	591071	46.1366	110
26 Hexachloroethane	117	3.471	3.471	(1.175)	421426	38.6092	90
\$ 76 Nitrobenzene-d5 (SUR)	82	3.547	3.547	(0.829)	892604	43.6501	100
107 N,N-Dimethylaniline	120	3.583	3.583	(1.213)	1124626	33.5131	78
27 Nitrobenzene	77	3.571	3.571	(0.835)	1158695	41.9980	98
28 Isophorone	82	3.836	3.830	(0.897)	1326953	43.9083	100
5 2-Nitrophenol	139	3.906	3.900	(0.913)	535727	46.2897	110
6 2,4-Dimethylphenol	122	4.012	4.012	(0.938)	708042	45.7085	110
29 bis(2-Chloroethoxy)methane	93	4.094	4.095	(0.957)	940755	45.9620	110
7 2,4-Dichlorophenol	162	4.171	4.165	(0.975)	706116	48.5010	110
30 1,2,4-Trichlorobenzene	180	4.236	4.230	(0.990)	807740	40.6346	94
* 80 Naphthalene-d8	136	4.277	4.277	(1.000)	2376637	40.0000	
31 Naphthalene	128	4.300	4.295	(1.005)	2628111	42.1707	98
32 4-Chloroaniline	127	4.388	4.389	(1.026)	787849	41.6455	97
33 Hexachlorobutadiene	225	4.459	4.453	(1.043)	426097	38.7806	90
111 Caprolactam	113	4.759	4.777	(1.113)	41037	11.5473	27
8 4-Chloro-3-methylphenol	107	4.935	4.936	(1.154)	554770	46.0019	110
34 2-Methylnaphthalene	142	5.000	5.000	(1.169)	1536186	42.7740	99
120 1-Methylnaphthalene	142	5.094	5.094	(1.191)	15090	0.42492	0.99(a)
35 Hexachlorocyclopentadiene	237	5.177	5.177	(0.860)	249852	31.0945	72
9 2,4,6-Trichlorophenol	196	5.312	5.312	(0.883)	421507	48.7198	110
10 2,4,5-Trichlorophenol	196	5.347	5.353	(0.889)	435160	50.3534	120
\$ 77 2-Fluorobiphenyl (SUR)	172	5.394	5.389	(0.896)	1542543	44.4435	100
102 Diphenyl	154	5.477	5.477	(0.910)	1681802	46.3990	110
36 2-Chloronaphthalene	162	5.477	5.477	(0.910)	1263510	44.3479	100
103 Diphenyl Ether	170	5.588	5.589	(0.929)	942272	45.2874	100
37 2-Nitroaniline	65	5.612	5.606	(0.933)	331663	47.7089	110
38 Dimethylphthalate	163	5.818	5.818	(0.967)	1277463	48.7293	110
40 2,6-Dinitrotoluene	165	5.865	5.859	(0.975)	289547	46.3506	110
39 Acenaphthylene	152	5.871	5.871	(0.976)	1897374	43.5972	100
41 3-Nitroaniline	138	6.018	6.018	(1.000)	251777	49.7548	120
* 82 Acenaphthene-d10	164	6.018	6.012	(1.000)	935071	40.0000	
42 Acenaphthene	154	6.047	6.047	(1.005)	1179443	44.9983	100
11 2,4-Dinitrophenol	184	6.124	6.124	(1.018)	145732	56.2242	130
12 4-Nitrophenol	65	6.253	6.247	(1.039)	63622	19.9233	46
44 2,4-Dinitrotoluene	165	6.247	6.247	(1.038)	355592	48.6454	110
43 Dibenzofuran	168	6.218	6.218	(1.033)	1672184	45.6964	110
45 Diethylphthalate	149	6.512	6.506	(1.082)	1141909	48.5577	110
46 4-Chlorophenyl-phenylether	204	6.577	6.571	(1.093)	614176	46.5129	110
47 Fluorene	166	6.547	6.547	(1.088)	1306219	46.0654	110
48 4-Nitroaniline	138	6.606	6.600	(1.098)	222632	60.7366	140(R)

Data File: /chem/BNAMS5.i/8270/11-05-11DEL/13Nov11a.b/x19572.d
 Report Date: 14-Nov-2011 15:10

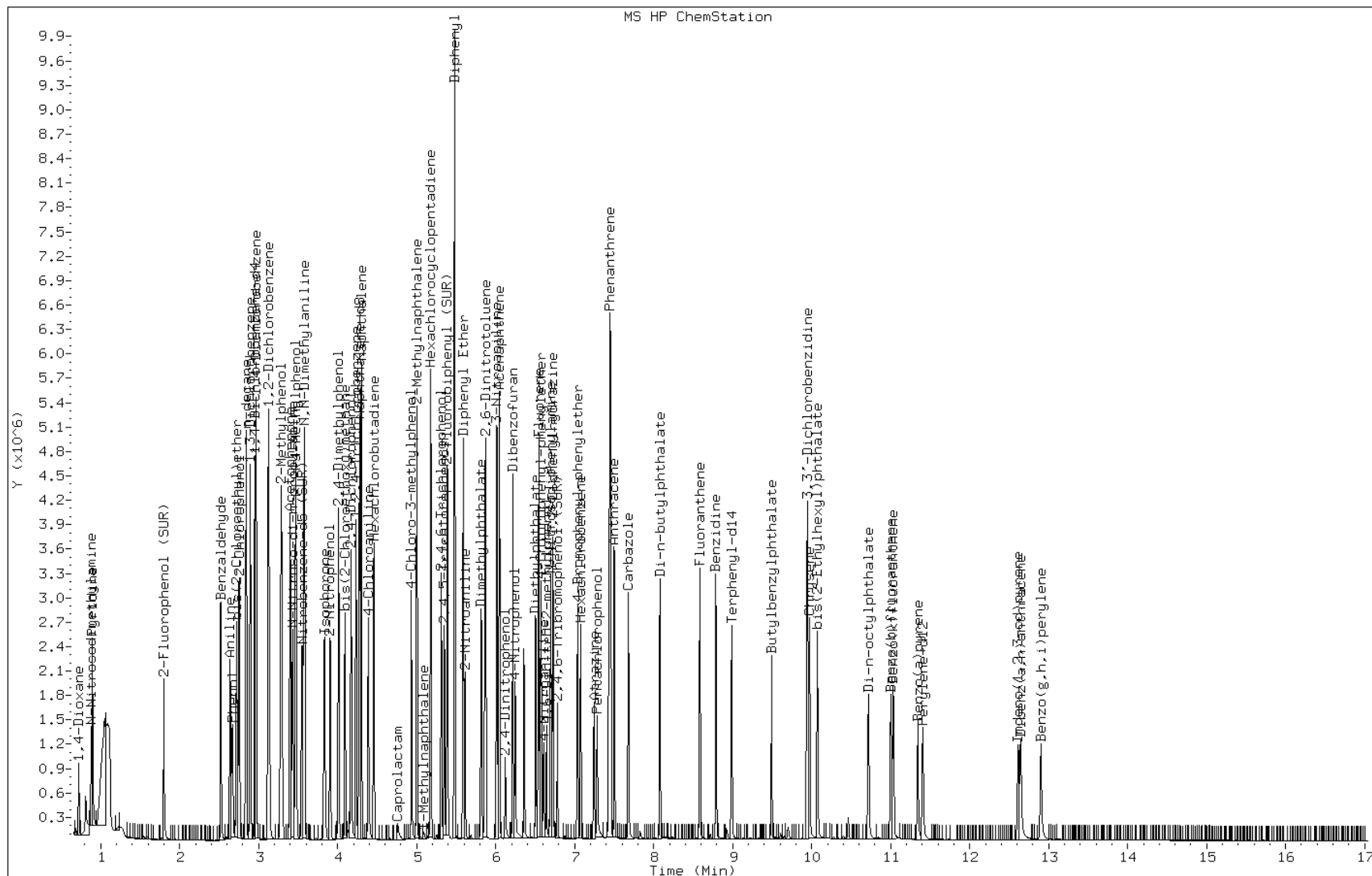
Compounds	QUANT SIG					CONCENTRATIONS	
	MASS	RT	EXP RT	REL RT	RESPONSE	ON-COLUMN (ug/ml)	FINAL (ug/L)
=====	=====	==	=====	=====	=====	=====	=====
13 4,6-Dinitro-2-methylphenol	198	6.641	6.641	(0.893)	191297	54.9593	130
49 N-Nitrosodiphenylamine	169	6.700	6.694	(0.901)	868701	51.8595	120
75 1,2-Diphenylhydrazine	77	6.724	6.724	(0.904)	1248312	44.2348	100
\$ 18 2,4,6-Tribromophenol (SUR)	330	6.782	6.783	(1.127)	182583	49.3950	110
50 4-Bromophenyl-phenylether	248	7.035	7.035	(0.946)	324035	46.3128	110
51 Hexachlorobenzene	284	7.077	7.077	(0.952)	346192	46.7319	110
112 Atrazine	200	7.247	7.247	(0.975)	179260	35.4360	82
14 Pentachlorophenol	266	7.282	7.283	(0.979)	192881	53.0452	120
* 83 Phenanthrene-d10	188	7.435	7.430	(1.000)	1089548	40.0000	
52 Phenanthrene	178	7.453	7.453	(1.002)	1447522	46.2291	110
53 Anthracene	178	7.506	7.500	(1.009)	1487142	45.9885	110
54 Carbazole	167	7.682	7.683	(1.033)	1210784	48.5822	110
55 Di-n-butylphthalate	149	8.082	8.077	(1.087)	1520002	49.8332	120
56 Fluoranthene	202	8.582	8.582	(1.154)	1313852	50.1195	120
58 Benzidine	184	8.794	8.771	(1.183)	1713	0.80518	1.9(a)
57 Pyrene	202	8.582	8.582	(0.862)	1313852	44.0544	100
\$ 78 Terphenyl-d14	244	8.988	8.982	(0.903)	803856	42.6485	99
59 Butylbenzylphthalate	149	9.494	9.488	(0.954)	535766	48.3439	110
60 3,3'-Dichlorobenzidine	252	9.953	9.953	(1.000)	241506	39.0502	91
61 Benzo(a)anthracene	228	9.941	9.941	(0.999)	984338	47.1817	110
* 81 Chrysene-d12	240	9.953	9.947	(1.000)	707342	40.0000	
62 Chrysene	228	9.976	9.971	(1.002)	1016393	48.3765	110
63 bis(2-Ethylhexyl)phthalate	149	10.076	10.076	(1.012)	735267	50.0482	120
64 Di-n-octylphthalate	149	10.717	10.718	(0.940)	1088606	44.9014	100
65 Benzo(b)fluoranthene	252	11.000	11.006	(0.964)	918643	46.2622	110
66 Benzo(k)fluoranthene	252	11.029	11.029	(0.967)	982340	44.6728	100
67 Benzo(a)pyrene	252	11.341	11.347	(0.994)	756728	46.2613	110
* 84 Perylene-d12	264	11.406	11.406	(1.000)	650506	40.0000	
68 Indeno(1,2,3-cd)pyrene	276	12.611	12.612	(1.106)	704263	49.1882	110
69 Dibenz(a,h)anthracene	278	12.647	12.647	(1.109)	755010	46.9021	110
70 Benzo(g,h,i)perylene	276	12.906	12.906	(1.131)	779368	48.5920	110

QC Flag Legend

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

R - Spike/Surrogate failed recovery limits.

Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 11/05/2011 03:33Analysis Batch Number: 92547 End Date: 11/05/2011 06:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-92547/1		11/05/2011 03:33	1	x19323.d	Rtx-5MS 0.25 (mm)
ICIS 460-92547/2		11/05/2011 04:21	1	x19324.d	Rtx-5MS 0.25 (mm)
IC 460-92547/3		11/05/2011 05:01	1	x19325.d	Rtx-5MS 0.25 (mm)
IC 460-92547/4		11/05/2011 05:24	1	x19326.d	Rtx-5MS 0.25 (mm)
IC 460-92547/5		11/05/2011 05:47	1	x19327.d	Rtx-5MS 0.25 (mm)
IC 460-92547/6		11/05/2011 06:11	1	x19328.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 11/13/2011 02:44Analysis Batch Number: 92827 End Date: 11/13/2011 09:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-92827/1		11/13/2011 02:44	1	x19550.d	Rtx-5MS 0.25 (mm)
CCVIS 460-92827/2		11/13/2011 03:05	1	x19551.d	Rtx-5MS 0.25 (mm)
LCS 460-91853/2-A		11/13/2011 04:08	1	x19552.d	Rtx-5MS 0.25 (mm)
MB 460-91853/1-A		11/13/2011 04:31	1	x19553.d	Rtx-5MS 0.25 (mm)
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/13/2011 04:54	1	x19554.d	Rtx-5MS 0.25 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/13/2011 05:41	1	x19556.d	Rtx-5MS 0.25 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/13/2011 06:28	1	x19558.d	Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 06:51	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 07:14	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 07:38	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 08:01	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 08:25	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 08:48	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 09:11	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 09:34	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 09:58	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 11/13/2011 10:21Analysis Batch Number: 92828 End Date: 11/13/2011 10:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-92828/1		11/13/2011 10:21	1	x19568.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 11/13/2011 17:46Analysis Batch Number: 92952 End Date: 11/13/2011 19:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-92952/1		11/13/2011 17:46	1	x19569.d	Rtx-5MS 0.25 (mm)
CCVIS 460-92952/2		11/13/2011 18:03	1	x19570.d	Rtx-5MS 0.25 (mm)
460-33168-1 MSD	GW-17338-110211-MW28- 12 MSD	11/13/2011 19:04	1	x19572.d	Rtx-5MS 0.25 (mm)
460-33168-2	FB-17338-110211-13	11/13/2011 19:27	1	x19573.d	Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS5 Start Date: 11/13/2011 19:50Analysis Batch Number: 92953 End Date: 11/13/2011 19:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 460-92953/1		11/13/2011 19:50	1	x19574.d	Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS5.i
Analytical Batch: /chem/BNAMS5.i/8270/11-05-11DEL/05Nov11.b

Date Generated: 11/10/2011
Page 1

Date	Data File	ALS	Sample ID	IPB	EXT DATE	IV/	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/05/11 0333	X19323.d	1	DFTPP-1175413			0	0	1	2.0	all	4589	Q2547
11/05/11 0421	X19324.d	2	ICIS-1204235			15	1	1	1.0	all	4600	
11/05/11 0501	X19325.d	3	IC-1204237			15	1	1	1.0	all	4600	
11/05/11 0524	X19326.d	4	IC-1204183			15	1	1	1.0	all	4600	
11/05/11 0547	X19327.d	5	IC-1204236			15	1	1	1.0	all	4600	
11/05/11 0611	X19328.d	6	IC-1204185			15	1	1	1.0	all	4600	
11/05/11 0657	X19330.d	8	icv			1000	1	1	1.0	all	4600	

Signed: u Read and Understood by: u

Date: 11/10/11

Date: 11-11-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMSS.i
Analytical Batch: /chem/BNAMSS.i/8270/11-05-11DEL/13Nov11.b

Date Generated: 11/13/2011
Page 1

Date	Data File	ALS	Sample ID	LPS	EXT DATE	IV/ TW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/13/11	0244	x19550.d	1 DFTPP-1175413			0	0		1	2.0 all	4889	92827
11/13/11	0305	x19551.d	2 CCVIS-1204235			1000	2		1	1.0 all	4889	DEC
11/13/11	0408	x19552.d	3 LCS 460-91853/2-A	13Nov11		1000	2		1	1.0 all		
11/13/11	0431	x19553.d	4 MB 460-91853/1-A	13Nov11		1000	2		1	1.0 all		
11/13/11	0454	x19554.d	5 460-33168-I-1-A MS	460-91853	11/04/11	990	2		1	1.0 all		
11/13/11	0517	x19555.d	6 460-33168-H-1-A MSD	460-91853	11/04/11	860	2		1	1.0 all		SPK T RR
11/13/11	0541	x19556.d	7 460-33168-I-1-B	460-91853	11/04/11	990	2		1	1.0 all		
11/13/11	0604	x19557.d	8 460-33168-I-2-A	460-91853	11/04/11	990	2		1	1.0 all		Sum. T RR
11/13/11	0628	x19558.d	9 460-33168-H-3-A	460-91853	11/04/11	990	2		1	1.0 all		
11/13/11	0651	x19559.d	10 460-33104-G-1-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	0714	x19560.d	11 460-33104-G-2-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	0738	x19561.d	12 460-33104-F-3-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	0801	x19562.d	13 460-33104-G-4-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	0825	x19563.d	14 460-33104-H-5-A	460-91853	11/04/11	980	2		1	1.0 all		

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAME5.i
Analytical Batch: /chem/BNAME5.i/8270/11-05-11DEL/13Nov11.b

Date Generated: 11/13/2011
Page 2

Date	Data File	ALS	Sample ID	LFB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/13/11	0848	x19564.d	15 460-33104-H-6-A	460-91853	11/04/11	980	2	1	1.0	all		5
11/13/11	0911	x19565.d	16 460-33104-G-7-A	460-91853	11/04/11	980	2	1	1.0	all		5
11/13/11	0934	x19566.d	17 460-33104-I-8-A	460-91853	11/04/11	980	2	1	1.0	all		5
11/13/11	0958	x19567.d	18 460-33104-G-9-A	460-91853	11/04/11	980	2	1	1.0	all		5
11/13/11	1021	x19568.d	19 CCV-1204235	13Nov11								5

Signed: C. J. Read and Understood by: W. S.

Date: 11/13/11 Date: 11-14-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS.1

Analytical Batch: /chem/BNAMS.1/8270/11-05-11DEL/13Nov11a.b

Date Generated: 11/14/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/	FW	Dil	Inj Vol	Sublist	IOT	COMMENTS
11/13/11	1746	X13569.d	1	DFTP-1175413		0	0	1	2.0	all	4079	Q2952
11/13/11	1803	X13570.d	2	CCVTS-1204235		1000	2	1	1.0	all	4080	no benazide benzidine
11/13/11	1840	X13571.d	3	MB 460-91853/1-A	13Nov11a	1000	2	1	1.0	all		not reported
11/13/11	1904	X13572.d	4	460-33168-H-1-A MSD	11/04/11	860	2	1	1.0	all		6
11/13/11	1927	X13573.d	5	460-33168-I-2-A	11/04/11	990	2	1	1.0	all		6
11/13/11	1950	X13574.d	6	CCV-1204235	13Nov11a	1000	2	1	1.0	all		6 end check

Signed: Michael Morris Read and Understood by: LA. [Signature]

Date: 11/14/11

Date: 11-15-11

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 91853 Batch Start Date: 11/04/11 08:51 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: 11/04/11 22:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP625/82SP 00030	OP625/82SU 00026	
MB 460-91853/1		3510C, 8270C		7	1000 mL	2 mL		1 mL	
LCS 460-91853/2		3510C, 8270C		7	1000 mL	2 mL	1 mL	1 mL	
460-33168-I-1 MS	GW-17338-110211- MW28-12	3510C, 8270C	T	7	990 mL	2 mL	1 mL	1 mL	
460-33168-H-1 MSD	GW-17338-110211- MW28-12	3510C, 8270C	T	7	860 mL	2 mL	1 mL	1 mL	
460-33168-I-1	GW-17338-110211- MW28-12	3510C, 8270C	T	7	990 mL	2 mL		1 mL	
460-33168-I-2	FB-17338-110211- 13	3510C, 8270C	T	7	990 mL	2 mL		1 mL	
460-33168-H-3	GW-17338-110211- MW105-14	3510C, 8270C	T	7	990 mL	2 mL		1 mL	

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	K20042
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	OP205
Concentration End Time	2200
Concentration Start Time	2100
Person's name who did the concentration	Wuh
Final Concentrator Volume	2 mL
Na2SO4 Lot Number	K12590
Prep Solvent Lot #	K39E12
Prep Solvent Name	MECL2
Prep Solvent Volume Used	360ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP

Basis	Basis Description
T	Total/NA

Method 8270C SIM

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

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: h98140.d Lab Sample ID: MB 460-91853/1-A
Matrix: Water Date Extracted: 11/04/2011 08:51
Instrument ID: BNAMS9 Date Analyzed: 11/11/2011 14:25
Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GW-17338-110211-MW28-12	460-33168-1	h98197.d	11/13/2011 18:59
FB-17338-110211-13	460-33168-2	h98198.d	11/13/2011 19:25
GW-17338-110211-MW105-14	460-33168-3	h98199.d	11/13/2011 19:52

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: h97890.d DFTPP Injection Date: 11/01/2011
Instrument ID: BNAMS9 DFTPP Injection Time: 11:49
Analysis Batch No.: 91697

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	47.8
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	48.1
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	56.8
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	6.9
275	10.0 - 30.0 % of mass 198	25.1
365	Greater than 1.0 % of mass 198	3.7
441	Present but less than mass 443	11.5
442	Greater than 40.0 % of mass 198	83.7
443	17.0 - 23.0 % of mass 442	15.3 (18.2) 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 460-91697/2	h97891.d	11/01/2011	13:09
	IC 460-91697/3	h97892.d	11/01/2011	13:55
	IC 460-91697/4	h97893.d	11/01/2011	14:21
	IC 460-91697/5	h97894.d	11/01/2011	14:48
	IC 460-91697/6	h97896.d	11/01/2011	15:41
	IC 460-91697/7	h97897.d	11/01/2011	16:07

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: h98131.d DFTPP Injection Date: 11/11/2011
Instrument ID: BNAMS9 DFTPP Injection Time: 09:34
Analysis Batch No.: 92907

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	34.5
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	38.1
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	46.5
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.9
275	10.0 - 30.0 % of mass 198	28.6
365	Greater than 1.0 % of mass 198	3.4
441	Present but less than mass 443	16.0
442	Greater than 40.0 % of mass 198	109.9
443	17.0 - 23.0 % of mass 442	20.8 (19.0) 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 460-92907/2	h98132.d	11/11/2011	10:53
	MB 460-91853/1-A	h98140.d	11/11/2011	14:25

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Lab File ID: h98189.d DFTPP Injection Date: 11/13/2011
Instrument ID: BNAMS9 DFTPP Injection Time: 15:31
Analysis Batch No.: 92908

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0 % of mass 198	43.7
68	Less than 2.0 % of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	41.7
70	Less than 2.0 % of mass 69	0.0 (0.0) 1
127	40.0 - 60.0 % of mass 198	49.1
197	Less than 1.0 % of mass 198	0.0
198	Base Peak, 100 % relative abundance	100.0
199	5.0- 9.0 % of mass 198	6.9
275	10.0 - 30.0 % of mass 198	25.6
365	Greater than 1.0 % of mass 198	4.2
441	Present but less than mass 443	15.8
442	Greater than 40.0 % of mass 198	103.2
443	17.0 - 23.0 % of mass 442	20.0 (19.3) 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 460-92908/2	h98190.d	11/13/2011	15:49
GW-17338-110211-MW28-12	460-33168-1	h98197.d	11/13/2011	18:59
FB-17338-110211-13	460-33168-2	h98198.d	11/13/2011	19:25
GW-17338-110211-MW105-1	460-33168-3	h98199.d	11/13/2011	19:52
4				

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Sample No.: CCVIS 460-92907/2 Date Analyzed: 11/11/2011 10:53
Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): h98132.d Heated Purge: (Y/N) N
Calibration ID: 12918

	DCB		NPT		ANT	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	19954	3.82	62731	5.27	25619	7.08
UPPER LIMIT	39908	4.32	125462	5.77	51238	7.58
LOWER LIMIT	9977	3.32	31366	4.77	12810	6.58
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-91853/1-A		23391	3.82	65456	5.27	26658 7.08

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.: 460-33168-1
SDG No.: _____
Sample No.: CCVIS 460-92907/2 Date Analyzed: 11/11/2011 10:53
Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): h98132.d Heated Purge: (Y/N) N
Calibration ID: 12918

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	32137	8.53	21421	11.10	17817	12.68
UPPER LIMIT	64274	9.03	42842	11.60	35634	13.18
LOWER LIMIT	16069	8.03	10711	10.60	8909	12.18
LAB SAMPLE ID	CLIENT SAMPLE ID					
MB 460-91853/1-A		34530	8.53	25004	11.10	23617 12.68

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.: 460-33168-1
SDG No.: _____
Sample No.: CCVIS 460-92908/2 Date Analyzed: 11/13/2011 15:49
Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): h98190.d Heated Purge: (Y/N) N
Calibration ID: 12918

	DCB		NPT		ANT		
	AREA #	RT #	AREA #	RT #	AREA #	RT #	
12/24 HOUR STD	15424	3.81	50457	5.25	21482	7.06	
UPPER LIMIT	30848	4.31	100914	5.75	42964	7.56	
LOWER LIMIT	7712	3.31	25229	4.75	10741	6.56	
LAB SAMPLE ID	CLIENT SAMPLE ID						
460-33168-1	GW-17338-110211-MW28-12	13598	3.81	39081	5.25	15675	7.06
460-33168-2	FB-17338-110211-13	20840	3.81	65957	5.25	27635	7.06
460-33168-3	GW-17338-110211-MW105-14	9907	3.81	32622	5.25	17505	7.06

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.: 460-33168-1
SDG No.: _____
Sample No.: CCVIS 460-92908/2 Date Analyzed: 11/13/2011 15:49
Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm)
Lab File ID (Standard): h98190.d Heated Purge: (Y/N) N
Calibration ID: 12918

	PHN		CRY		PRY	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	25319	8.51	13376	11.08	9498	12.66
UPPER LIMIT	50638	9.01	26752	11.58	18996	13.16
LOWER LIMIT	12660	8.01	6688	10.58	4749	12.16
LAB SAMPLE ID	CLIENT SAMPLE ID					
460-33168-1	GW-17338-110211-MW28-12		18676	8.51	12949	11.08
460-33168-2	FB-17338-110211-13		32375	8.51	15320	11.08
460-33168-3	GW-17338-110211-MW105-14		21055	8.51	17767	11.08
					11829	12.66
					13588	12.66
					15484	12.66

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: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
Matrix: Water Lab File ID: h98197.d
Analysis Method: 8270C SIM Date Collected: 11/02/2011 10:00
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 18:59
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92908 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.030
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98197.d
 Report Date: 14-Nov-2011 11:07

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98197.d
 Lab Smp Id: 460-33168-I-1-B Client Smp ID: GW-17338-110211-MW2
 Inj Date : 13-NOV-2011 18:59
 Operator : BNAMS 4 Inst ID: BNAMS9.i
 Smp Info : 460-33168-I-1-B
 Misc Info : 460-33168-I-1-B
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/simpah.m
 Meth Date : 13-Nov-2011 16:21 czhao Quant Type: ISTD
 Cal Date : 01-NOV-2011 16:07 Cal File: h97897.d
 Als bottle: 9
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG		RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
	MASS						ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
* 79 1,4-Dichlorobenzene-d4	152		3.809	3.809	(1.000)	13598	1.00000	(aM)
* 80 Naphthalene-d8	136		5.253	5.253	(1.000)	39081	1.00000	(a)
31 Naphthalene	128		5.274	5.274	(1.004)	1477	0.02932	0.059
* 82 Acenaphthene-d10	164		7.060	7.060	(1.000)	15675	1.00000	(a)
* 83 Phenanthrene-d10	188		8.512	8.512	(1.000)	18676	1.00000	(a)
* 81 Chrysene-d12	240		11.083	11.083	(1.000)	12949	1.00000	(aM)
* 84 Perylene-d12	264		12.659	12.659	(1.000)	11829	1.00000	(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: h98197.d

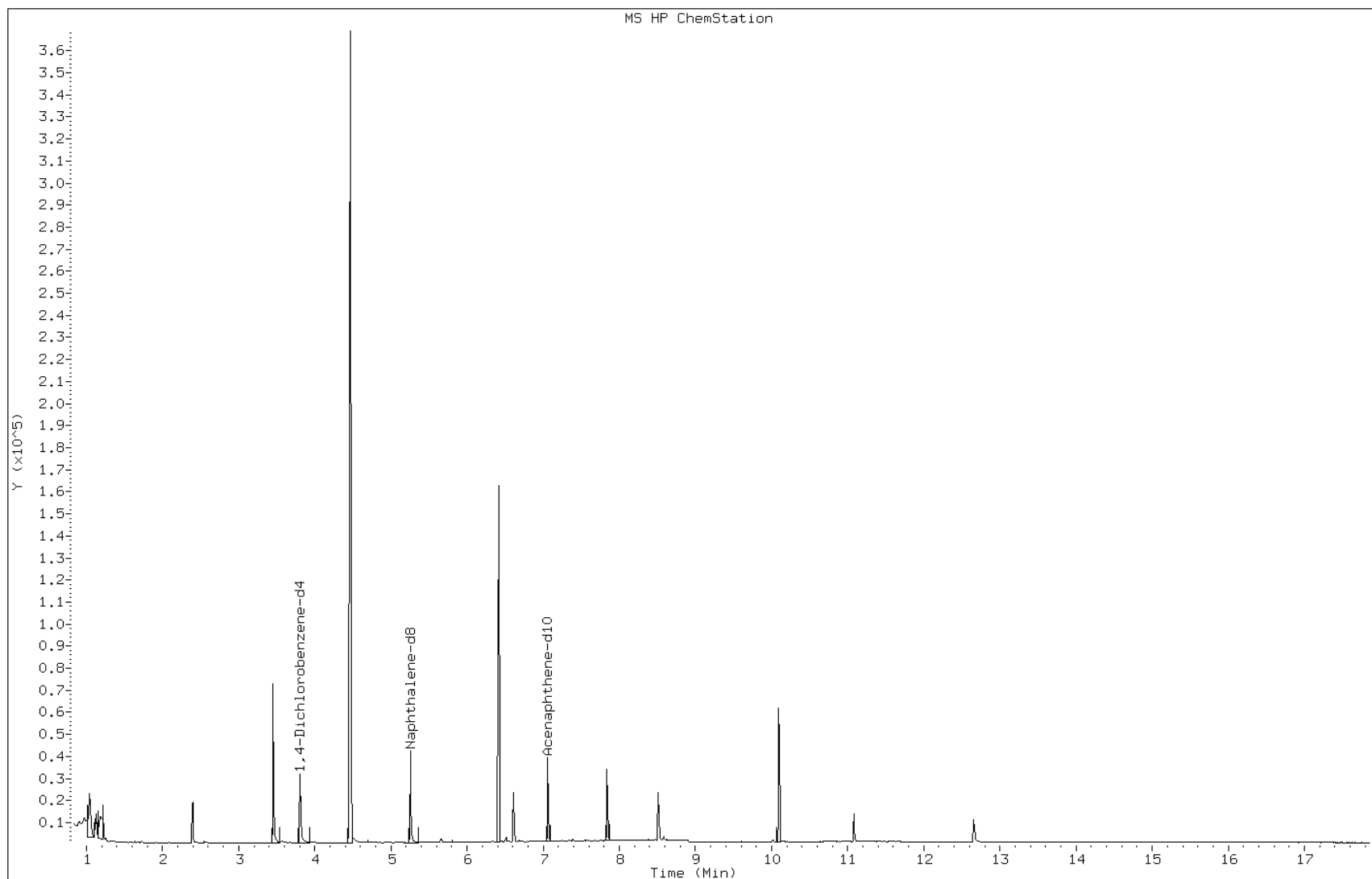
Date: 13-NOV-2011 18:59

Client ID: GW-17338-110211-MW2

Instrument: BNAMS9.i

Sample Info: 460-33168-I-1-B

Operator: BNAMS 4

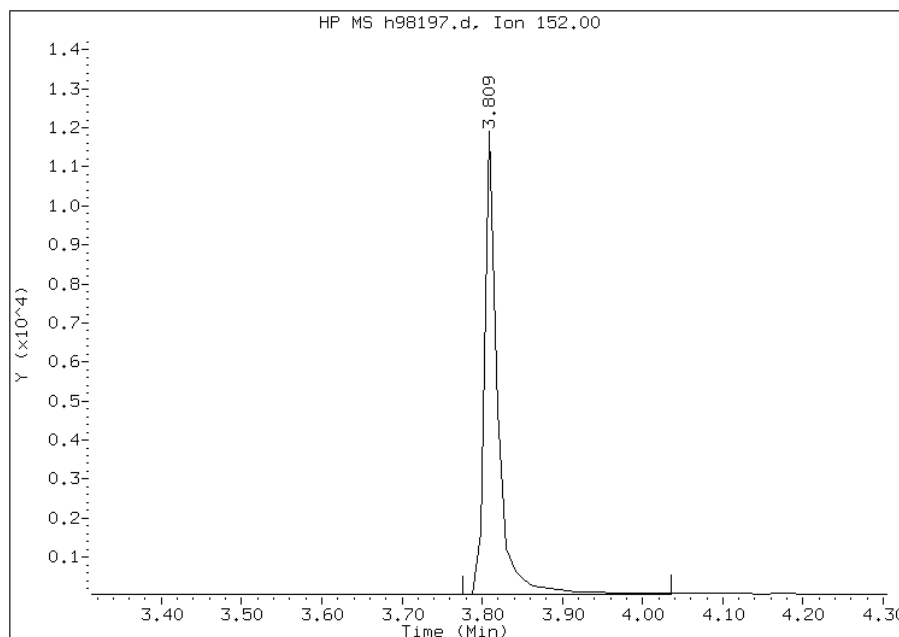


Manual Integration Report

Data File: h98197.d
Inj. Date and Time: 13-NOV-2011 18:59
Instrument ID: BNAMS9.i
Client ID: GW-17338-110211-MW2
Compound: 79 1,4-Dichlorobenzene-d4
CAS #: 3855-82-1
Report Date: 11/16/2011

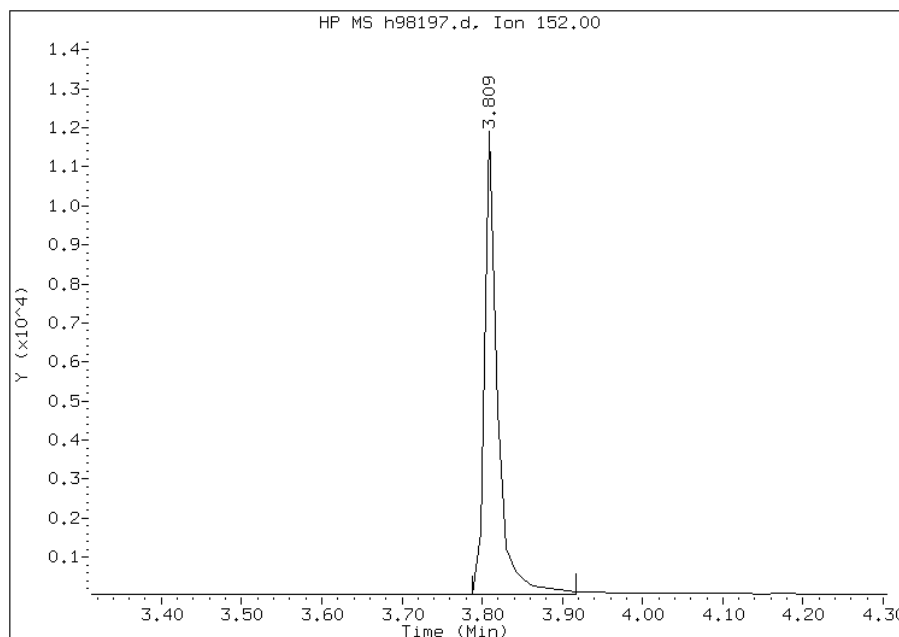
Processing Integration Results

RT: 3.81
Response: 13900
Amount: 1
Conc: 2



Manual Integration Results

RT: 3.81
Response: 13598
Amount: 1
Conc: 2



Manually Integrated By: wahied
Manual Integration Reason:

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
Matrix: Water Lab File ID: h98198.d
Analysis Method: 8270C SIM Date Collected: 11/02/2011 11:30
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 19:25
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92908 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.051	U	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.030
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98198.d
 Report Date: 14-Nov-2011 11:08

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98198.d
 Lab Smp Id: 460-33168-I-2-A Client Smp ID: FB-17338-110211-13
 Inj Date : 13-NOV-2011 19:25
 Operator : BNAMS 4 Inst ID: BNAMS9.i
 Smp Info : 460-33168-I-2-A
 Misc Info : 460-33168-I-2-A
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/simpah.m
 Meth Date : 13-Nov-2011 16:21 czhao Quant Type: ISTD
 Cal Date : 01-NOV-2011 16:07 Cal File: h97897.d
 Als bottle: 10
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

Concentration Formula: $\text{Amt} * \text{DF} * 1000 * \text{Vt} / \text{Vo} * \text{CpndVariable}$

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
* 79 1,4-Dichlorobenzene-d4		152	3.809	3.809	(1.000)	20840	1.00000	(aM)
* 80 Naphthalene-d8		136	5.253	5.253	(1.000)	65957	1.00000	(a)
* 82 Acenaphthene-d10		164	7.060	7.060	(1.000)	27635	1.00000	(a)
* 83 Phenanthrene-d10		188	8.512	8.512	(1.000)	32375	1.00000	(a)
* 81 Chrysene-d12		240	11.083	11.083	(1.000)	15320	1.00000	(aM)
* 84 Perylene-d12		264	12.659	12.659	(1.000)	13588	1.00000	(a)

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: h98198.d

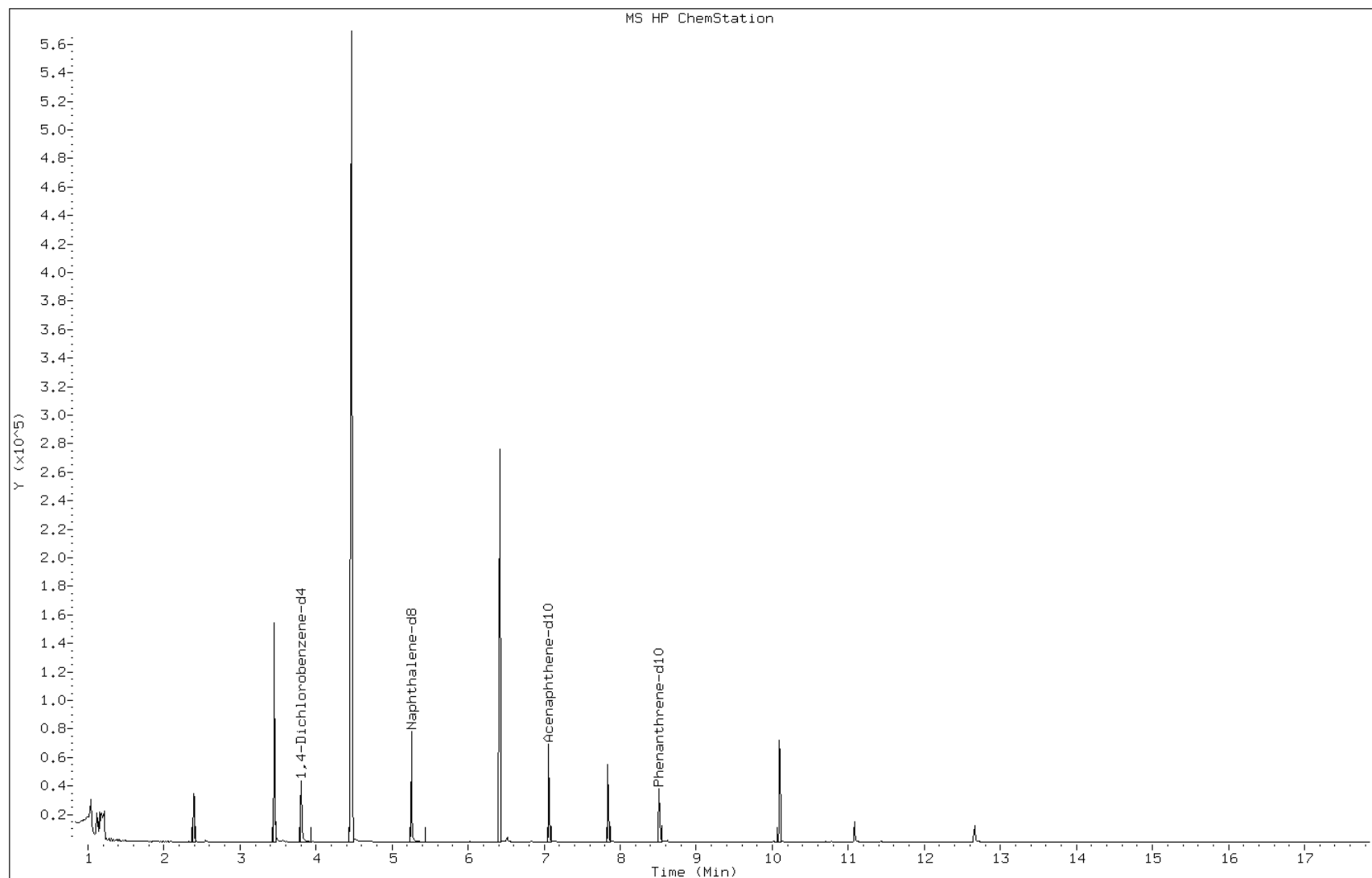
Date: 13-NOV-2011 19:25

Client ID: FB-17338-110211-13

Instrument: BNAMS9.i

Sample Info: 460-33168-I-2-A

Operator: BNAMS 4

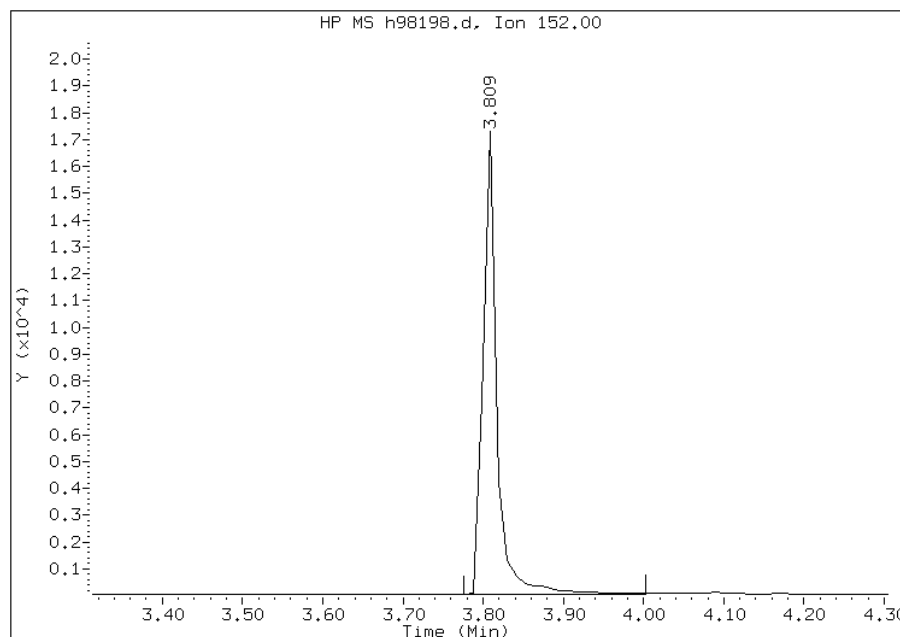


Manual Integration Report

Data File: h98198.d
Inj. Date and Time: 13-NOV-2011 19:25
Instrument ID: BNAMS9.i
Client ID: FB-17338-110211-13
Compound: 79 1,4-Dichlorobenzene-d4
CAS #: 3855-82-1
Report Date: 11/16/2011

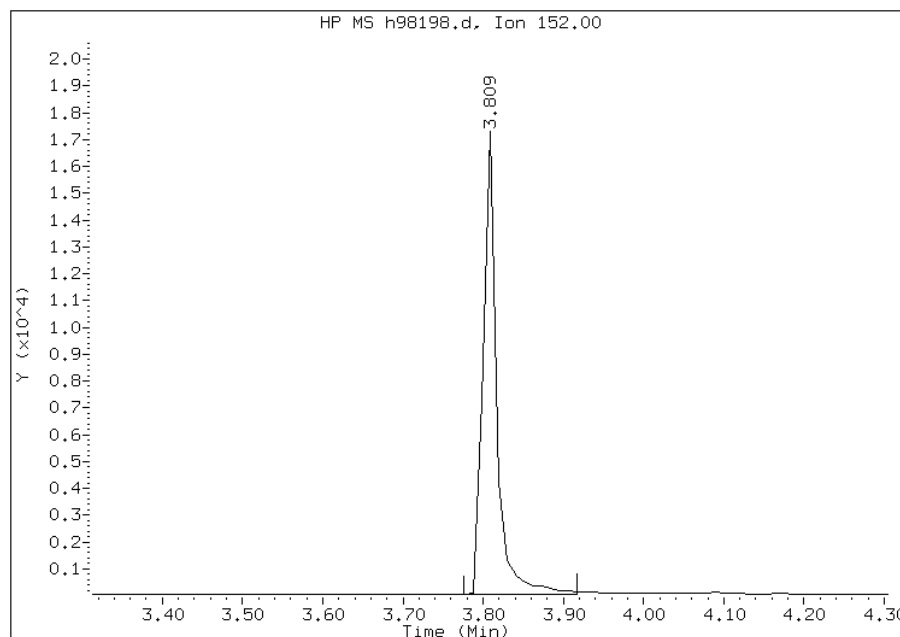
Processing Integration Results

RT: 3.81
Response: 21062
Amount: 1
Conc: 2



Manual Integration Results

RT: 3.81
Response: 20840
Amount: 1
Conc: 2



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
Matrix: Water Lab File ID: h98199.d
Analysis Method: 8270C SIM Date Collected: 11/02/2011 12:15
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 990 (mL) Date Analyzed: 11/13/2011 19:52
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92908 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.024	J	0.051	0.020
50-32-8	Benzo[a]pyrene	0.051	U	0.051	0.030
205-99-2	Benzo[b]fluoranthene	0.051	U	0.051	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98199.d
 Report Date: 14-Nov-2011 11:13

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98199.d
 Lab Smp Id: 460-33168-H-3-A Client Smp ID: GW-17338-110211-MW1
 Inj Date : 13-NOV-2011 19:52
 Operator : BNAMS 4 Inst ID: BNAMS9.i
 Smp Info : 460-33168-H-3-A
 Misc Info : 460-33168-H-3-A
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/simpah.m
 Meth Date : 13-Nov-2011 16:21 czhao Quant Type: ISTD
 Cal Date : 01-NOV-2011 16:07 Cal File: h97897.d
 Als bottle: 11
 Dil Factor: 1.00000
 Integrator: HP RTE Compound Sublist: all.sub
 Target Version: 3.50
 Processing Host: hpd1

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

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

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG	MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS	
							ON-COLUMN	FINAL
							(ug/ml)	(ug/L)
* 79 1,4-Dichlorobenzene-d4		152	3.809	3.809 (1.000)		9907	1.00000	(a)
* 80 Naphthalene-d8		136	5.253	5.253 (1.000)		32622	1.00000	(a)
31 Naphthalene		128	5.274	5.274 (1.004)		11549	0.27469	0.55
* 82 Acenaphthene-d10		164	7.060	7.060 (1.000)		17505	1.00000	(a)
42 Acenaphthene		154	7.090	7.090 (1.004)		2253	0.09511	0.19
47 Fluorene		166	7.606	7.606 (1.077)		1581	0.06973	0.14
* 83 Phenanthrene-d10		188	8.512	8.512 (1.000)		21055	1.00000	(a)
52 Phenanthrene		178	8.532	8.541 (1.002)		4499	0.14302	0.29
53 Anthracene		178	8.590	8.590 (1.009)		1021	0.04008	0.081
56 Fluoranthene		202	9.692	9.692 (1.139)		1561	0.06915	0.14
57 Pyrene		202	9.901	9.901 (1.000)		1173	0.03295	0.066
61 Benzo(a)anthracene		228	11.075	11.075 (1.000)		235	0.01186	0.024(a)
* 81 Chrysene-d12		240	11.083	11.083 (1.000)		17767	1.00000	(aM)
* 84 Perylene-d12		264	12.659	12.659 (1.000)		15484	1.00000	(a)

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98199.d
Report Date: 14-Nov-2011 11:13

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- M - Compound response manually integrated.

Data File: h98199.d

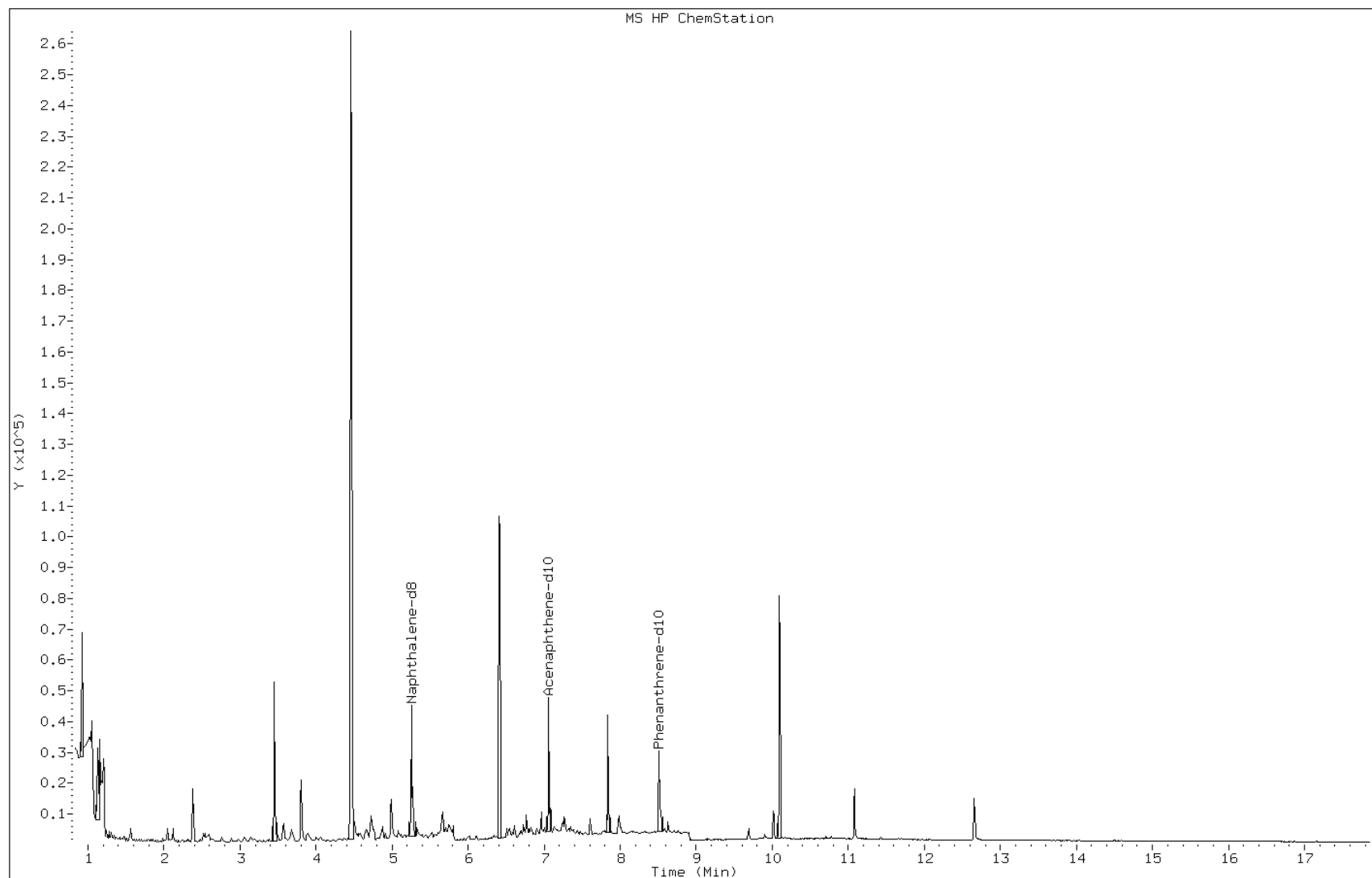
Date: 13-NOV-2011 19:52

Client ID: GW-17338-110211-MW1

Instrument: BNAMS9.i

Sample Info: 460-33168-H-3-A

Operator: BNAMS 4



Data File: h98199.d

Date: 13-NOV-2011 19:52

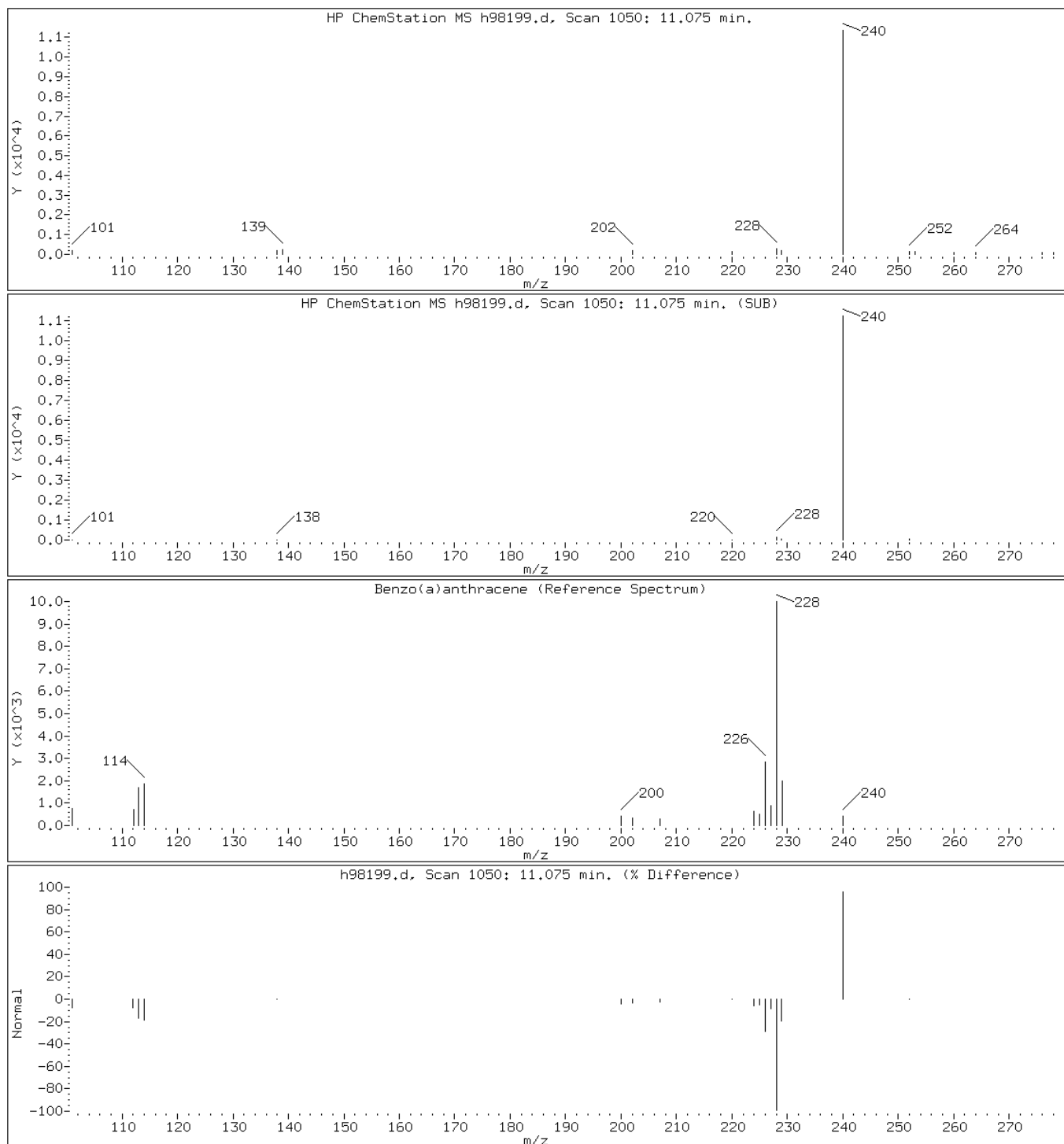
Client ID: GW-17338-110211-MW1

Instrument: BNAMS9.i

Sample Info: 460-33168-H-3-A

Operator: BNAMS 4

61 Benzo(a)anthracene



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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91697

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/01/2011 13:09 Calibration End Date: 11/01/2011 16:07 Calibration ID: 12918

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91697/3	h97892.d
Level 2	IC 460-91697/4	h97893.d
Level 3	ICIS 460-91697/2	h97891.d
Level 4	IC 460-91697/5	h97894.d
Level 5	IC 460-91697/7	h97897.d
Level 6	IC 460-91697/6	h97896.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Nitrosodimethylamine	0.4484 0.6007	0.3862	0.4375	0.5590	0.5696	QuaF		1.8521	-0.063						0.9994		0.9900
Naphthalene	1.2275 1.2421	1.3156	1.3364	1.2836	1.3276	Ave		1.2888				3.5		15.0			
Acenaphthylene	2.0709 1.9536	2.1054	2.0535	1.9932	1.8402	Ave		2.0028				4.8		15.0			
Acenaphthene	1.2824 1.3217	1.4299	1.3831	1.4182	1.2842	Ave		1.3532				4.9		30.0			
Fluorene	1.2308 1.2419	1.2504	1.3096	1.4588	1.2796	Ave		1.2952				6.6		15.0			
Hexachlorobenzene	0.4207 0.4148	0.4027	0.4311	0.4090	0.4227	Ave		0.4168				2.4		15.0			
Pentachlorophenol	0.0929 0.1571	0.0928	0.1046	0.1154	0.1268	QuaF		8.8161	-3.125						0.9998		0.9900
Phenanthrene	1.4455 1.5317	1.4612	1.5281	1.5465	1.4516	Ave		1.4941				3.1		15.0			
Anthracene	1.1554 1.1933	1.0968	1.2529	1.3294	1.2311	Ave		1.2098				6.7		15.0			
Fluoranthene	0.9262 1.1927	0.8925	1.0872	1.2249	1.1093	Ave		1.0721				12.7		30.0			
Pyrene	1.9125 1.6717	2.0870	2.2662	1.9182	2.1663	Ave		2.0037				10.7		15.0			
Benzo[a]anthracene	1.1621 1.0838	1.1285	1.1334	1.1360	1.0486	Ave		1.1154				3.7		15.0			
Chrysene	1.8248 1.6798	1.8166	1.7166	1.7422	1.7074	Ave		1.7479				3.4		15.0			
Benzo[b]fluoranthene	1.1664 1.2107	1.2332	1.3584	1.2444	1.3028	Ave		1.2526				5.5		15.0			
Benzo[k]fluoranthene	1.7570 1.9666	1.4939	1.7874	2.0982	2.1712	Ave		1.8790				13.3		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91697

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/01/2011 13:09 Calibration End Date: 11/01/2011 16:07 Calibration ID: 12918

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzo[a]pyrene	1.1925 1.2699	1.1804	1.1841	1.1964	1.2862	Ave		1.2182				3.9		30.0			
Indeno[1,2,3-cd]pyrene	0.8000 0.9953	1.0576	0.9826	0.8910	0.8729	Ave		0.9332				10.2		15.0			
Dibenz(a,h)anthracene	0.7850 1.1326	1.0349	0.9609	1.0177	1.0221	Ave		0.9922				11.7		15.0			
Benzo[g,h,i]perylene	1.2673 1.5261	1.3239	1.2739	1.3541	1.2693	Ave		1.3358				7.5		15.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91697

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/01/2011 13:09 Calibration End Date: 11/01/2011 16:07 Calibration ID: 12918

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91697/3	h97892.d
Level 2	IC 460-91697/4	h97893.d
Level 3	ICIS 460-91697/2	h97891.d
Level 4	IC 460-91697/5	h97894.d
Level 5	IC 460-91697/7	h97897.d
Level 6	IC 460-91697/6	h97896.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
N-Nitrosodimethylamine	DCB	QuaF	816 52074	1972	4825	9335	21722	0.100 5.00	0.250	0.500	1.00	2.00
Naphthalene	NPT	Ave	1742 125987	4459	9705	37662	75693	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthylene	ANT	Ave	1124 74348	2886	6313	27415	44785	0.0250 2.00	0.0500	0.100	0.500	1.00
Acenaphthene	ANT	Ave	696 50300	1960	4252	19506	31253	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluorene	ANT	Ave	668 47263	1714	4026	20065	31141	0.0250 2.00	0.0500	0.100	0.500	1.00
Hexachlorobenzene	PHN	Ave	105 47946	342	1725	16727	25404	0.0100 5.00	0.0250	0.100	1.00	2.00
Pentachlorophenol	PHN	QuaF	232 18160	788	2093	4721	7620	0.100 5.00	0.250	0.500	1.00	2.00
Phenanthrene	PHN	Ave	902 70813	2482	6114	31627	43624	0.0250 2.00	0.0500	0.100	0.500	1.00
Anthracene	PHN	Ave	721 55167	1863	5013	27186	36998	0.0250 2.00	0.0500	0.100	0.500	1.00
Fluoranthene	PHN	Ave	578 55143	1516	4350	25050	33337	0.0250 2.00	0.0500	0.100	0.500	1.00
Pyrene	CRY	Ave	632 62436	1644	4437	27263	35871	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]anthracene	CRY	Ave	384 40477	889	2219	16145	17364	0.0250 2.00	0.0500	0.100	0.500	1.00
Chrysene	CRY	Ave	603 62738	1431	3361	24761	28273	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[b]fluoranthene	PRY	Ave	312 38233	653	1558	10708	12405	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[k]fluoranthene	PRY	Ave	470 62104	791	2050	18055	20674	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[a]pyrene	PRY	Ave	319 40102	625	1358	10295	12247	0.0250 2.00	0.0500	0.100	0.500	1.00

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91697

SDG No.: _____

Instrument ID: BNAMS9 GC Column: Rtx-5MS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/01/2011 13:09 Calibration End Date: 11/01/2011 16:07 Calibration ID: 12918

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Indeno[1,2,3-cd]pyrene	PRY	Ave	214 31431	560	1127	7667	8312	0.0250 2.00	0.0500	0.100	0.500	1.00
Dibenz(a,h)anthracene	PRY	Ave	210 35767	548	1102	8757	9732	0.0250 2.00	0.0500	0.100	0.500	1.00
Benzo[g,h,i]perylene	PRY	Ave	339 48195	701	1461	11652	12086	0.0250 2.00	0.0500	0.100	0.500	1.00

Curve Type Legend:

Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97891.d
 Report Date: 01-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97891.d
 Lab Smp Id: ICIS-1192596
 Inj Date : 01-NOV-2011 13:09
 Operator : BNAMS 4
 Smp Info : ICIS-1192596
 Misc Info : bna 4597
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/simpah.m
 Meth Date : 01-Nov-2011 15:43 czhao
 Cal Date : 01-NOV-2011 13:09
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97891.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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
121 1,4-Dioxane		88	1.010	1.010	(0.257)	6291	0.50000	0.50(M)
19 N-Nitrosodimethylamine		74	1.258	1.258	(0.320)	4825	0.50000	0.50(M)
* 79 1,4-Dichlorobenzene-d4		152	3.930	3.930	(1.000)	22059	1.00000	(M)
* 80 Naphthalene-d8		136	5.374	5.374	(1.000)	72621	1.00000	(M)
31 Naphthalene		128	5.396	5.396	(1.004)	9705	0.10000	0.10
39 Acenaphthylene		152	7.034	7.034	(0.981)	6313	0.10000	0.10
* 82 Acenaphthene-d10		164	7.170	7.170	(1.000)	30743	1.00000	
42 Acenaphthene		154	7.209	7.209	(1.005)	4252	0.10000	0.10
47 Fluorene		166	7.725	7.725	(1.077)	4026	0.10000	0.10
51 Hexachlorobenzene		284	8.261	8.261	(0.957)	1725	0.10000	0.10
14 Pentachlorophenol		266	8.476	8.476	(0.982)	2093	0.50000	0.50
* 83 Phenanthrene-d10		188	8.631	8.631	(1.000)	40011	1.00000	(M)
52 Phenanthrene		178	8.651	8.651	(1.002)	6114	0.10000	0.10
53 Anthracene		178	8.709	8.709	(1.009)	5013	0.10000	0.10
56 Fluoranthene		202	9.808	9.808	(1.136)	4350	0.10000	0.10

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97891.d
 Report Date: 01-Nov-2011 15:43

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	10.017	10.017	(1.000)	4437	0.10000	0.10
61 Benzo(a)anthracene	228	11.199	11.199	(1.000)	2219	0.10000	0.10
* 81 Chrysene-d12	240	11.207	11.207	(1.000)	19579	1.00000	(M)
62 Chrysene	228	11.231	11.231	(1.002)	3361	0.10000	0.10(M)
65 Benzo(b)fluoranthene	252	12.381	12.381	(0.966)	1558	0.10000	0.10
66 Benzo(k)fluoranthene	252	12.413	12.413	(0.968)	2050	0.10000	0.10(M)
67 Benzo(a)pyrene	252	12.759	12.759	(0.995)	1358	0.10000	0.10
* 84 Perylene-d12	264	12.823	12.823	(1.000)	11469	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.126	14.126	(1.102)	1127	0.10000	0.10(M)
69 Dibenz(a,h)anthracene	278	14.166	14.166	(1.105)	1102	0.10000	0.10
70 Benzo(g,h,i)perylene	276	14.432	14.432	(1.125)	1461	0.10000	0.10

QC Flag Legend

M - Compound response manually integrated.

Data File: h97891.d

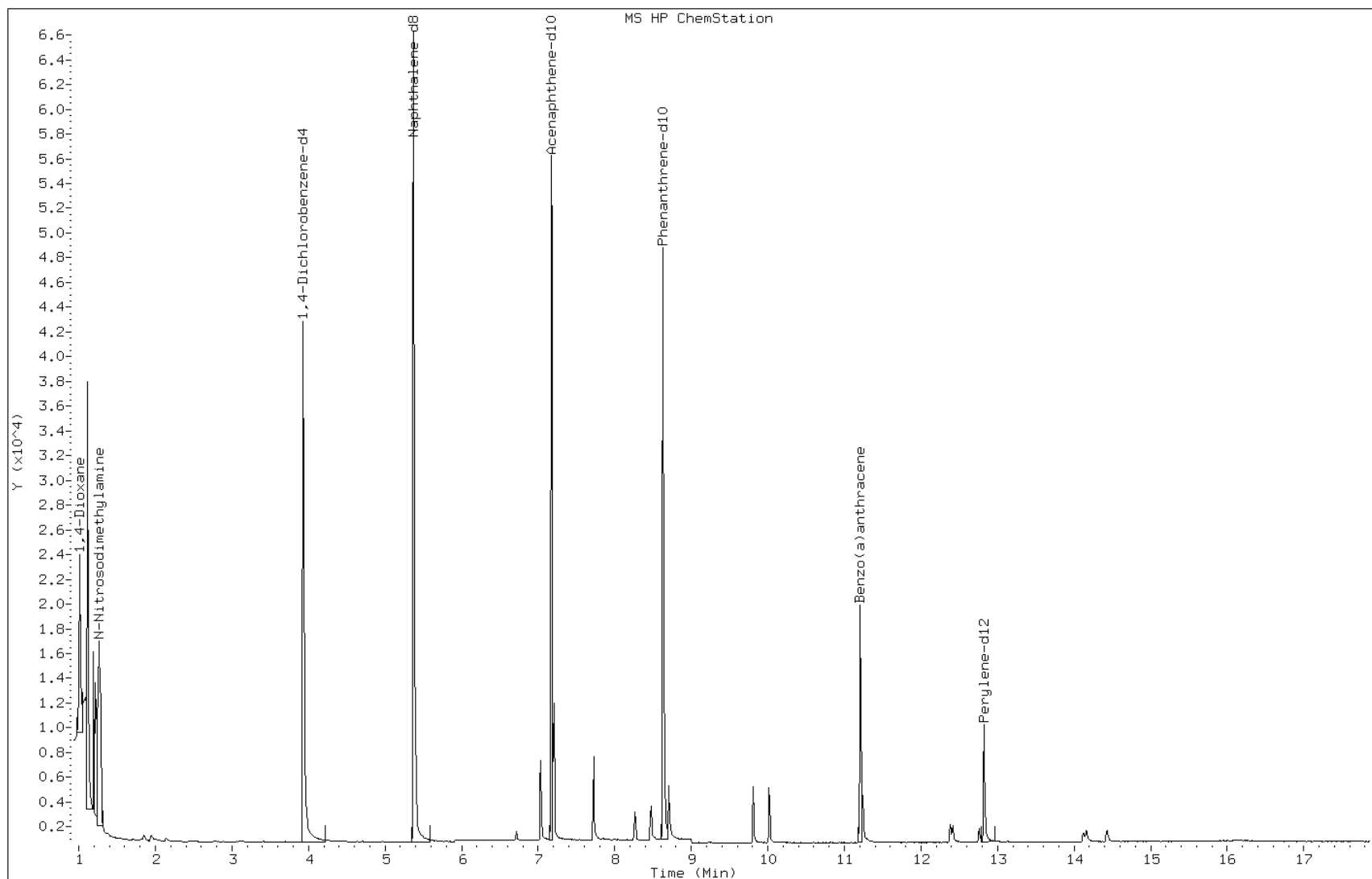
Date: 01-NOV-2011 13:09

Client ID:

Instrument: BNAMS9.i

Sample Info: ICIS-1192596

Operator: BNAMS 4

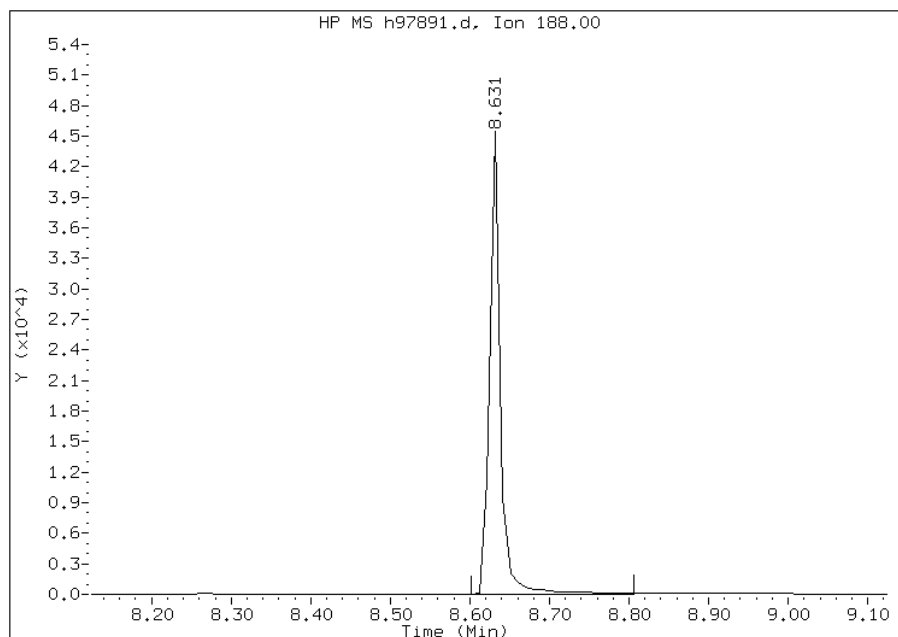


Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 83 Phenanthrene-d10
CAS #: 1517-22-2
Report Date: 11/03/2011

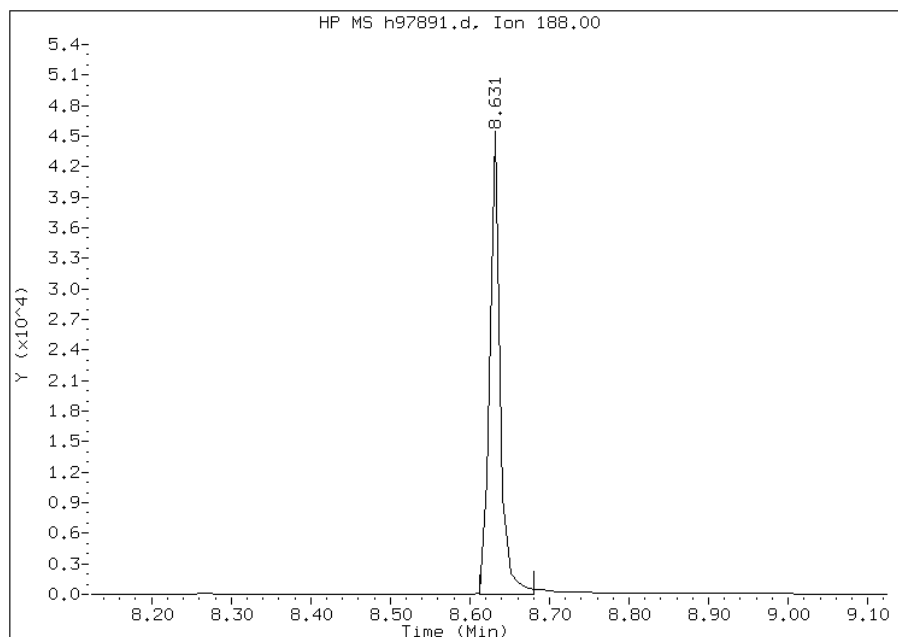
Processing Integration Results

RT: 8.63
Response: 42308
Amount: 1
Conc: 1



Manual Integration Results

RT: 8.63
Response: 40011
Amount: 1
Conc: 1



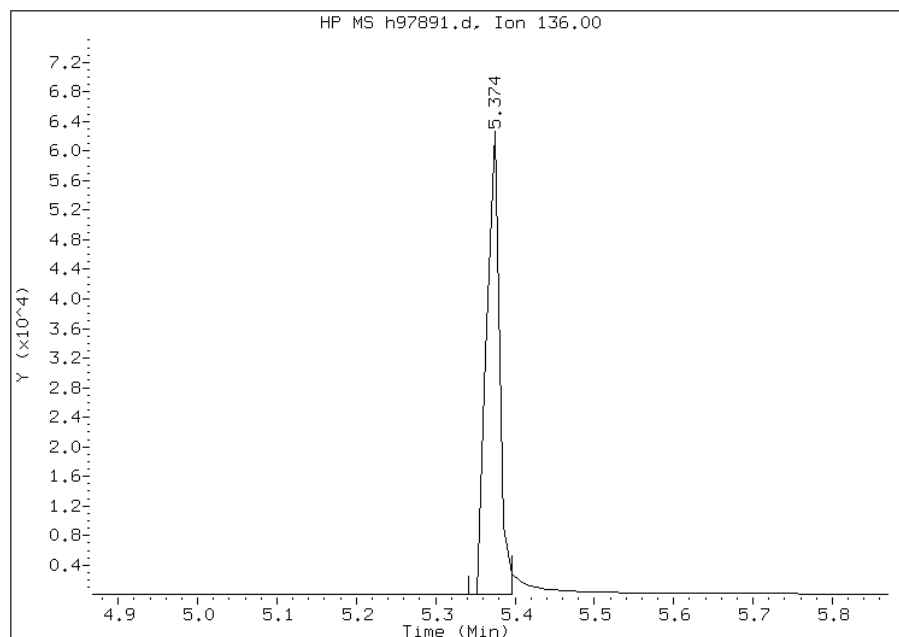
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 80 Naphthalene-d8
CAS #: 1146-65-2
Report Date: 11/03/2011

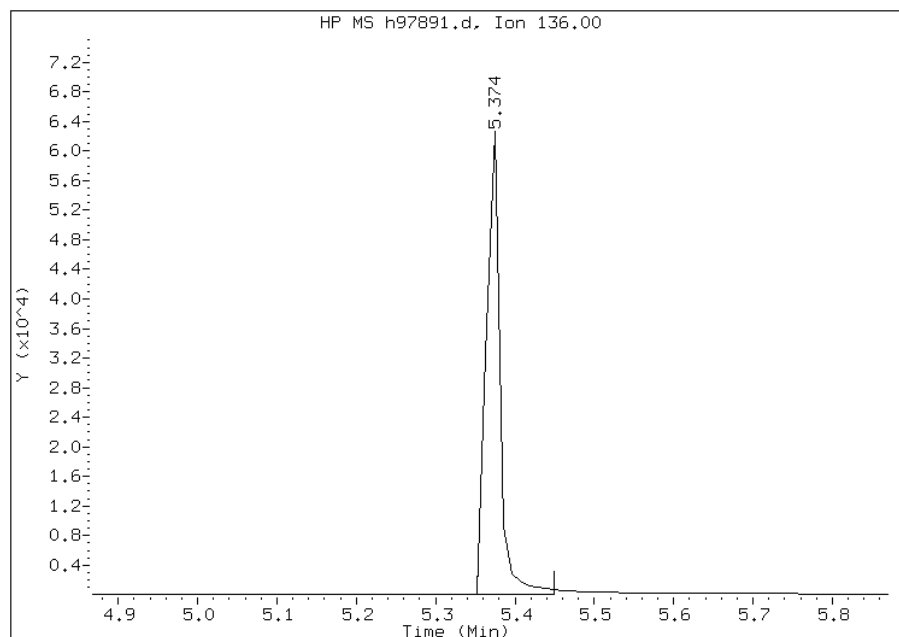
Processing Integration Results

RT: 5.37
Response: 69254
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.37
Response: 72621
Amount: 1
Conc: 1



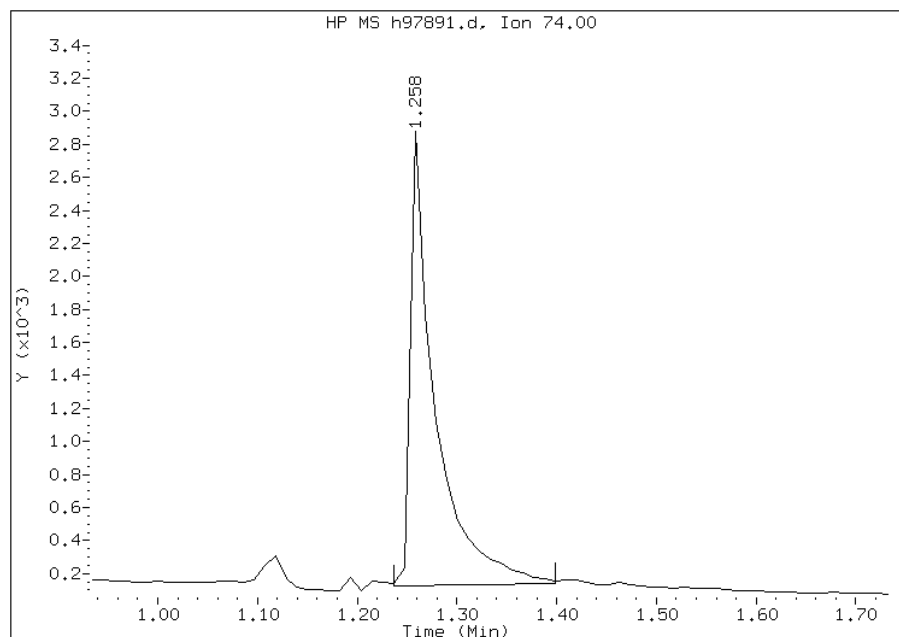
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 123-91-1
Report Date: 11/03/2011

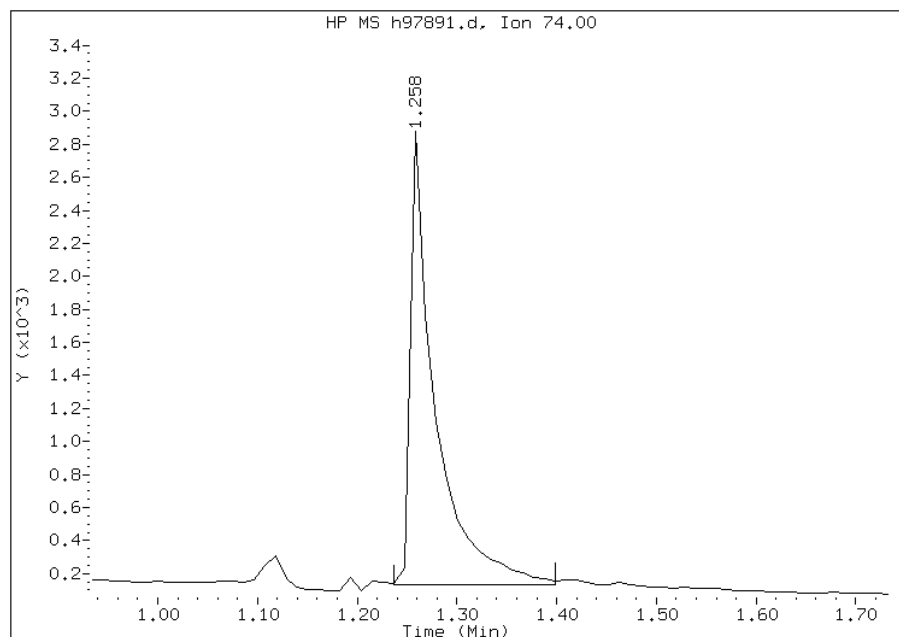
Processing Integration Results

RT: 1.26
Response: 4867
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.26
Response: 4825
Amount: 0
Conc: 0



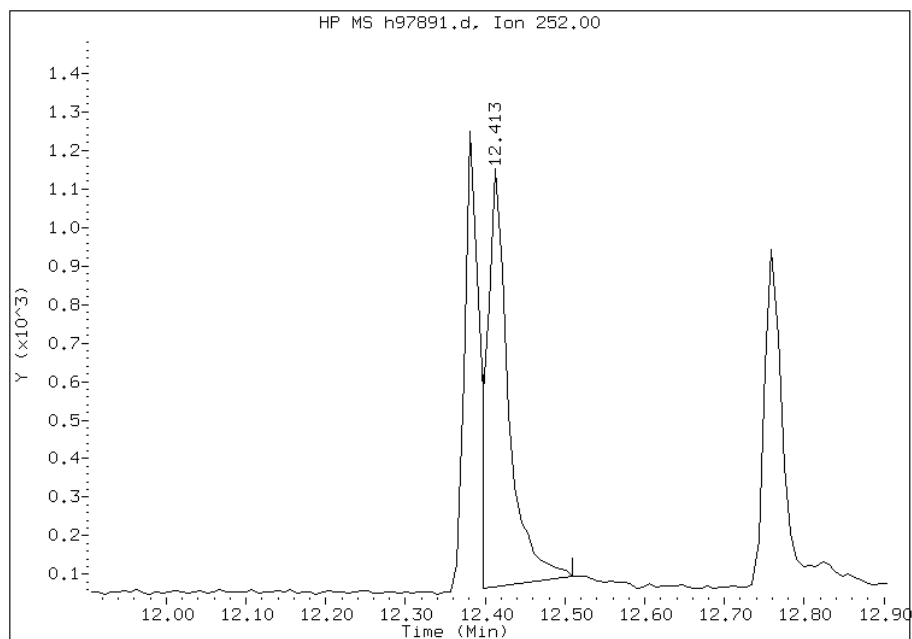
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 11/03/2011

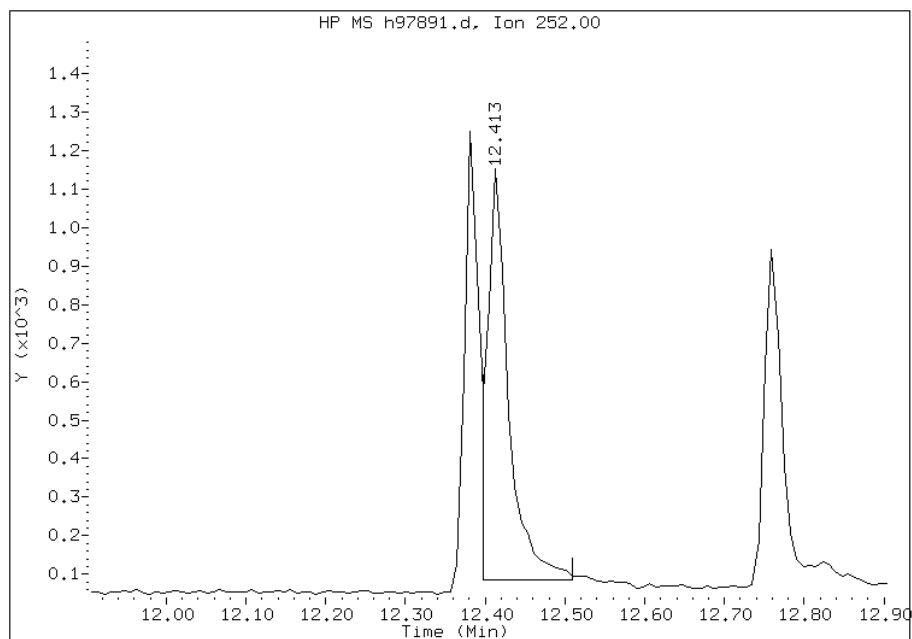
Processing Integration Results

RT: 12.41
Response: 2104
Amount: 0
Conc: 0



Manual Integration Results

RT: 12.41
Response: 2050
Amount: 0
Conc: 0



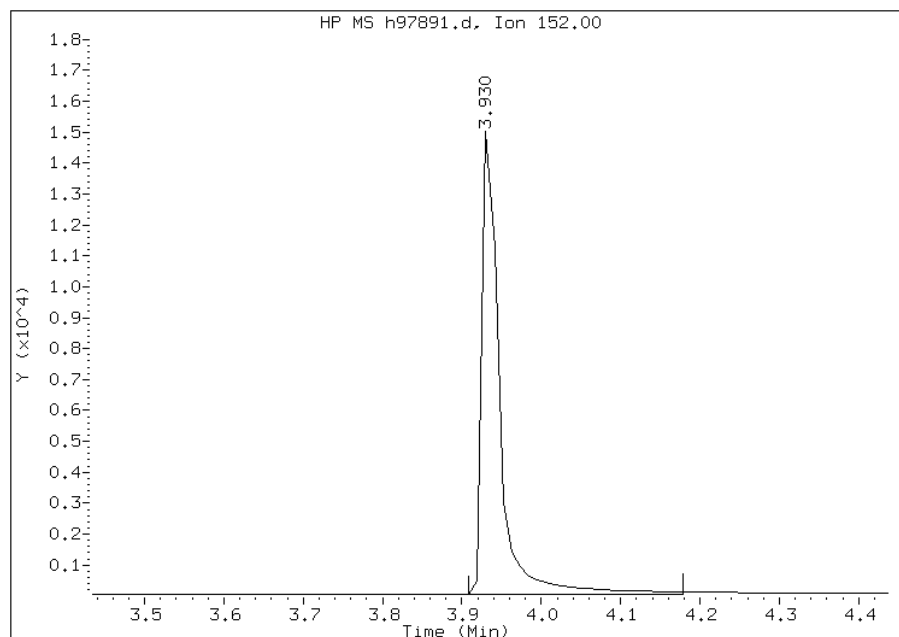
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 79 1,4-Dichlorobenzene-d4
CAS #: 3855-82-1
Report Date: 11/03/2011

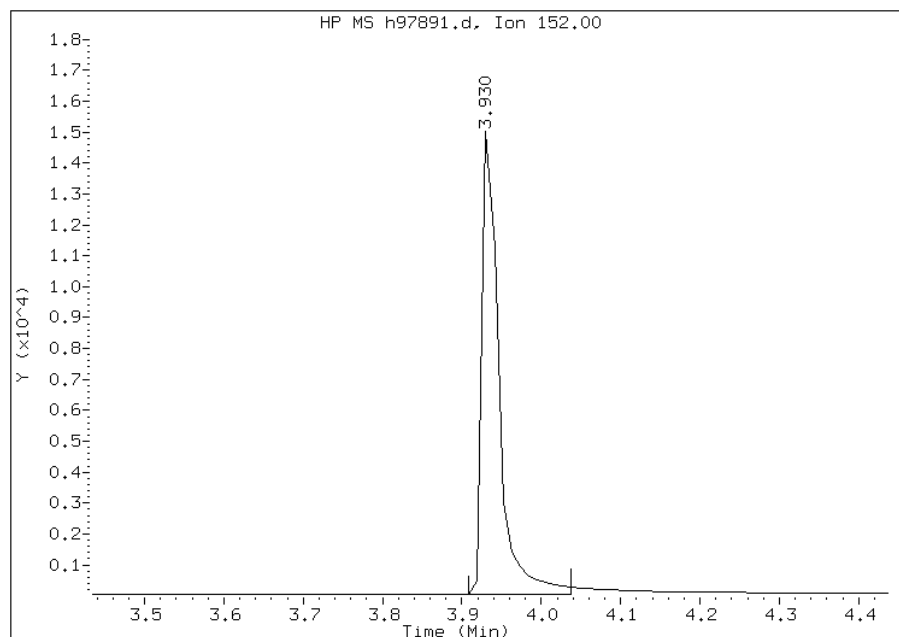
Processing Integration Results

RT: 3.93
Response: 23062
Amount: 1
Conc: 1



Manual Integration Results

RT: 3.93
Response: 22059
Amount: 1
Conc: 1



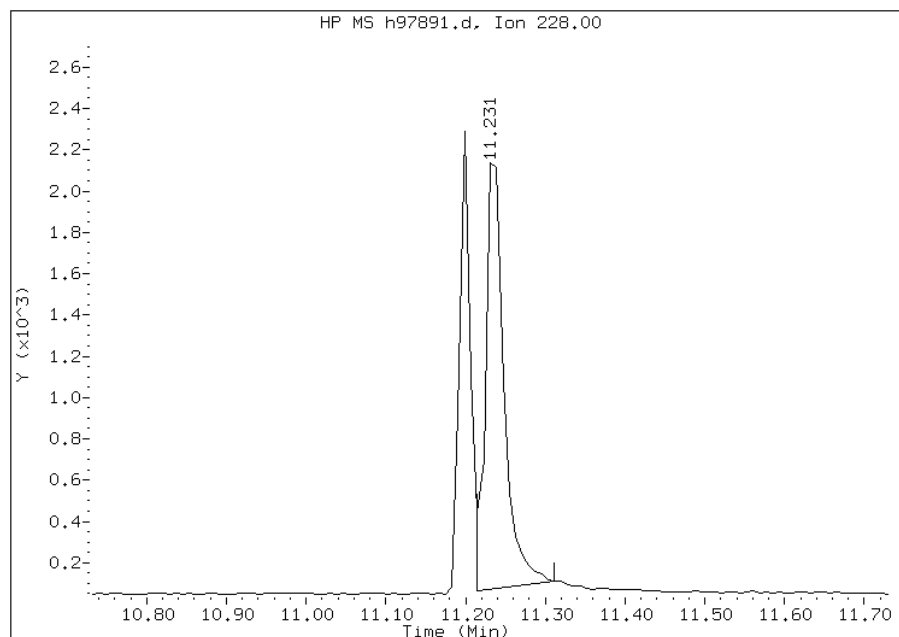
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 62 Chrysene
CAS #: 218-01-9
Report Date: 11/03/2011

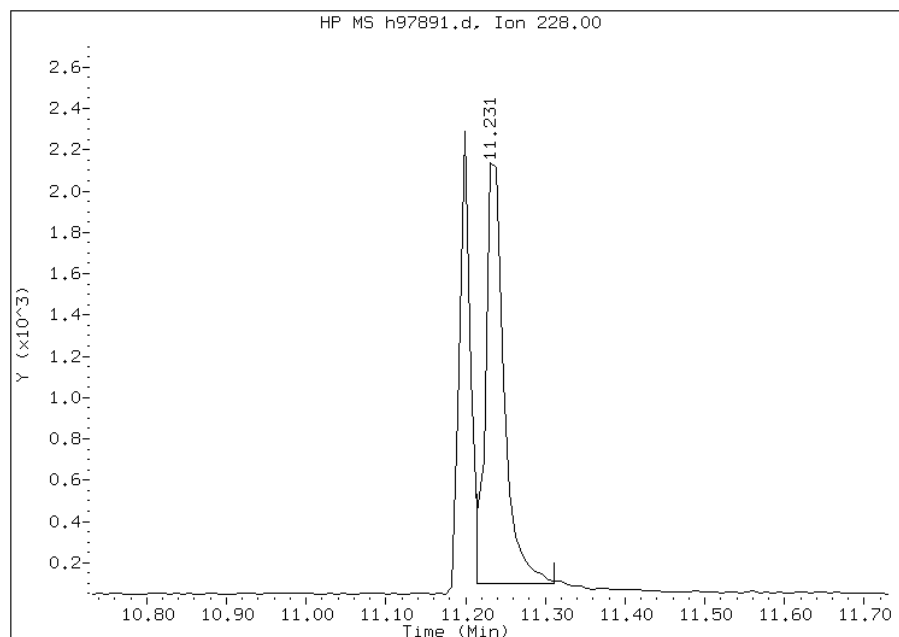
Processing Integration Results

RT: 11.23
Response: 3443
Amount: 0
Conc: 0



Manual Integration Results

RT: 11.23
Response: 3361
Amount: 0
Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 11/03/2011

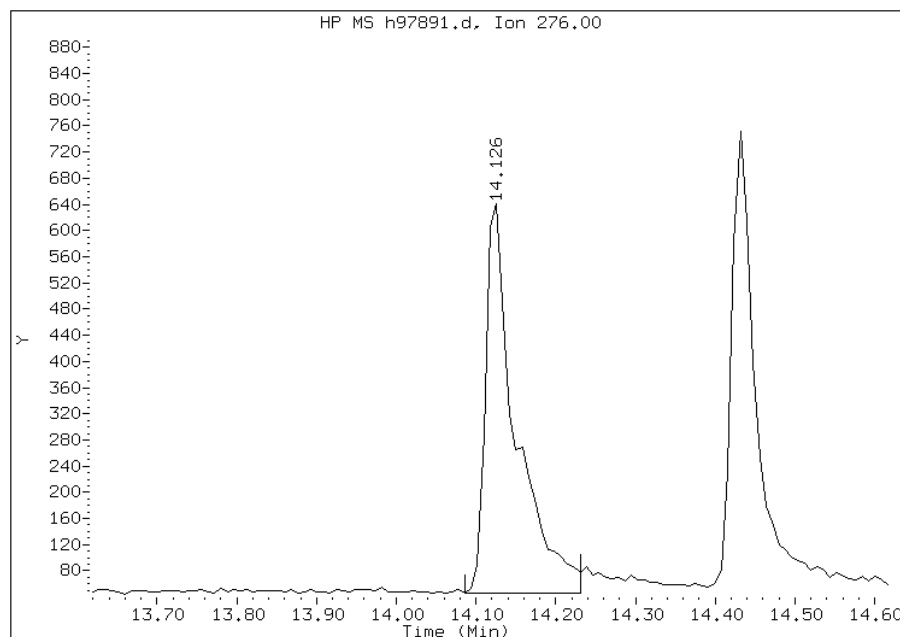
Processing Integration Results

RT: 14.13

Response: 1588

Amount: 0

Conc: 0



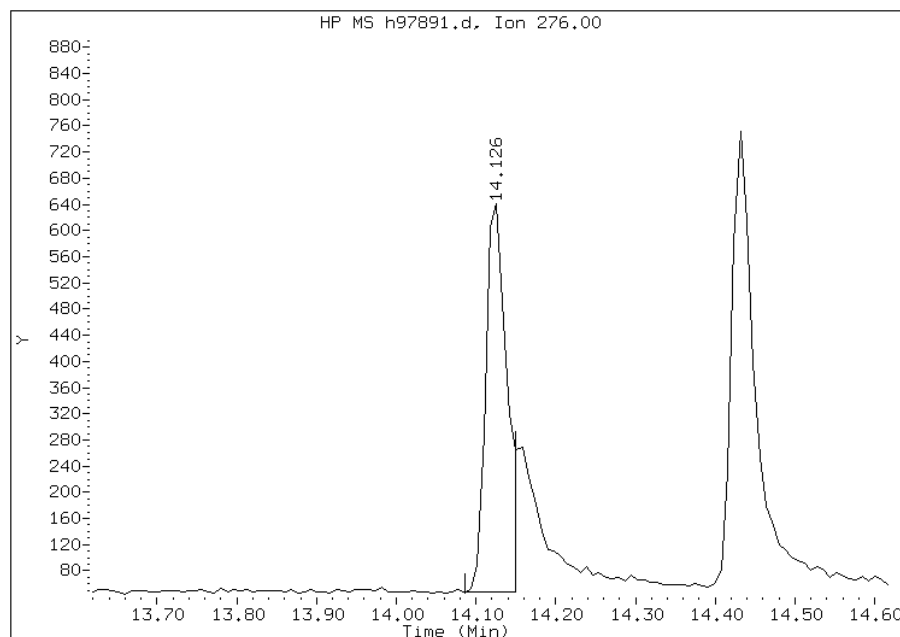
Manual Integration Results

RT: 14.13

Response: 1127

Amount: 0

Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

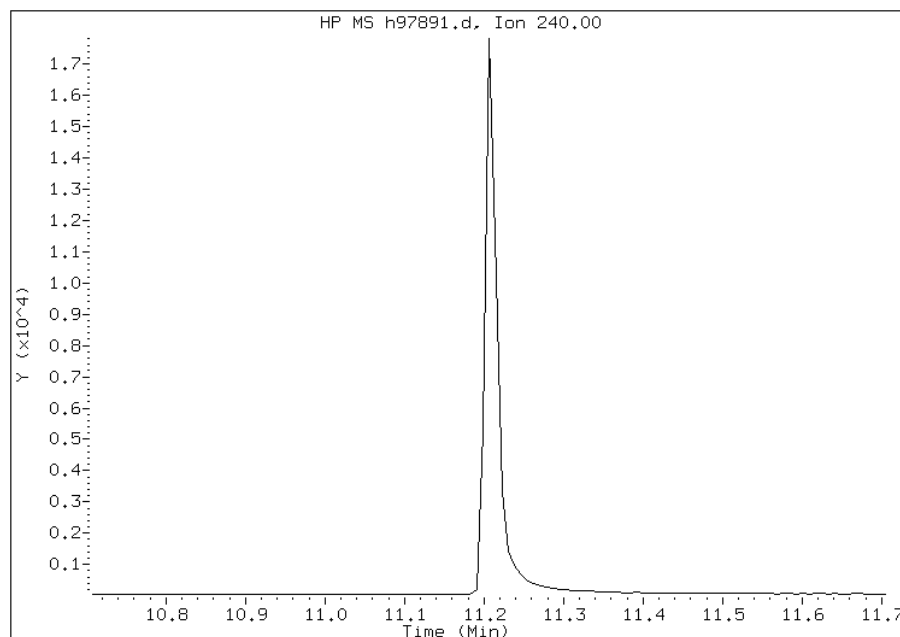
Manual Integration Report

Data File: h97891.d
Inj. Date and Time: 01-NOV-2011 13:09
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 11/03/2011

Processing Integration Results

Not Detected

Expected RT: 11.21



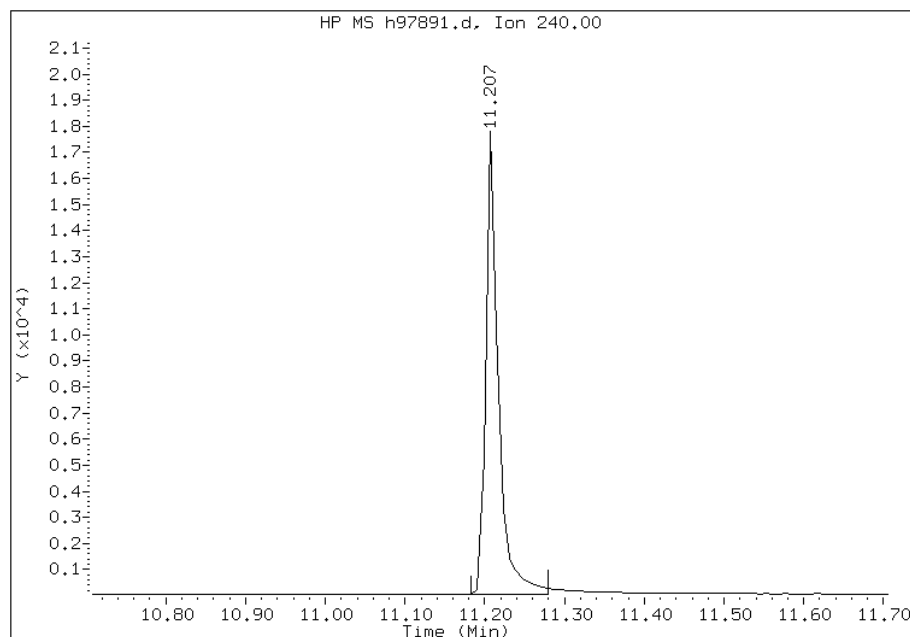
Manual Integration Results

RT: 11.21

Response: 19579

Amount: 1

Conc: 1



Manually Integrated By: wahied

Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97892.d
 Report Date: 01-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97892.d
 Lab Smp Id: IC-1192589
 Inj Date : 01-NOV-2011 13:55
 Operator : BNAMS 4
 Smp Info : IC-1192589
 Misc Info :
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/simpah.m
 Meth Date : 01-Nov-2011 15:43 czhao
 Cal Date : 01-NOV-2011 13:55
 Als bottle: 3
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97892.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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
121 1,4-Dioxane	88	1.021	1.021 (0.259)	1270	0.10000	0.11(M)		
19 N-Nitrosodimethylamine	74	1.280	1.280 (0.325)	816	0.10000	0.10(MH)		
* 79 1,4-Dichlorobenzene-d4	152	3.940	3.940 (1.000)	18197	1.00000			
* 80 Naphthalene-d8	136	5.373	5.373 (1.000)	56766	1.00000	(M)		
31 Naphthalene	128	5.395	5.395 (1.004)	1742	0.02500	0.024(a)		
39 Acenaphthylene	152	7.031	7.031 (0.980)	1124	0.02500	0.025		
* 82 Acenaphthene-d10	164	7.177	7.177 (1.000)	21710	1.00000			
42 Acenaphthene	154	7.206	7.206 (1.004)	696	0.02500	0.024(a)		
47 Fluorene	166	7.732	7.732 (1.077)	668	0.02500	0.024(a)		
51 Hexachlorobenzene	284	8.267	8.267 (0.958)	105	0.01000	0.0099(aM)		
14 Pentachlorophenol	266	8.481	8.481 (0.983)	232	0.10000	0.094(aM)		
* 83 Phenanthrene-d10	188	8.627	8.627 (1.000)	24961	1.00000			
52 Phenanthrene	178	8.657	8.657 (1.003)	902	0.02500	0.024(a)		
53 Anthracene	178	8.715	8.715 (1.010)	721	0.02500	0.024(a)		
56 Fluoranthene	202	9.810	9.810 (1.137)	578	0.02500	0.023(a)		

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97892.d
 Report Date: 01-Nov-2011 15:43

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	10.027	10.027	(1.000)	632	0.02500	0.023(a)
61 Benzo(a)anthracene	228	11.200	11.200	(1.000)	384	0.02500	0.025
* 81 Chrysene-d12	240	11.208	11.208	(1.000)	13218	1.00000	(M)
62 Chrysene	228	11.240	11.240	(1.003)	603	0.02500	0.026(M)
65 Benzo(b)fluoranthene	252	12.389	12.389	(0.966)	312	0.02500	0.023(a)
66 Benzo(k)fluoranthene	252	12.421	12.421	(0.968)	470	0.02500	0.025(M)
67 Benzo(a)pyrene	252	12.767	12.767	(0.995)	319	0.02500	0.025
* 84 Perylene-d12	264	12.831	12.831	(1.000)	10700	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.132	14.132	(1.101)	214	0.02500	0.022(aM)
69 Dibenzo(a,h)anthracene	278	14.173	14.173	(1.105)	210	0.02500	0.022(aM)
70 Benzo(g,h,i)perylene	276	14.438	14.438	(1.125)	339	0.02500	0.025

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.

Data File: h97892.d

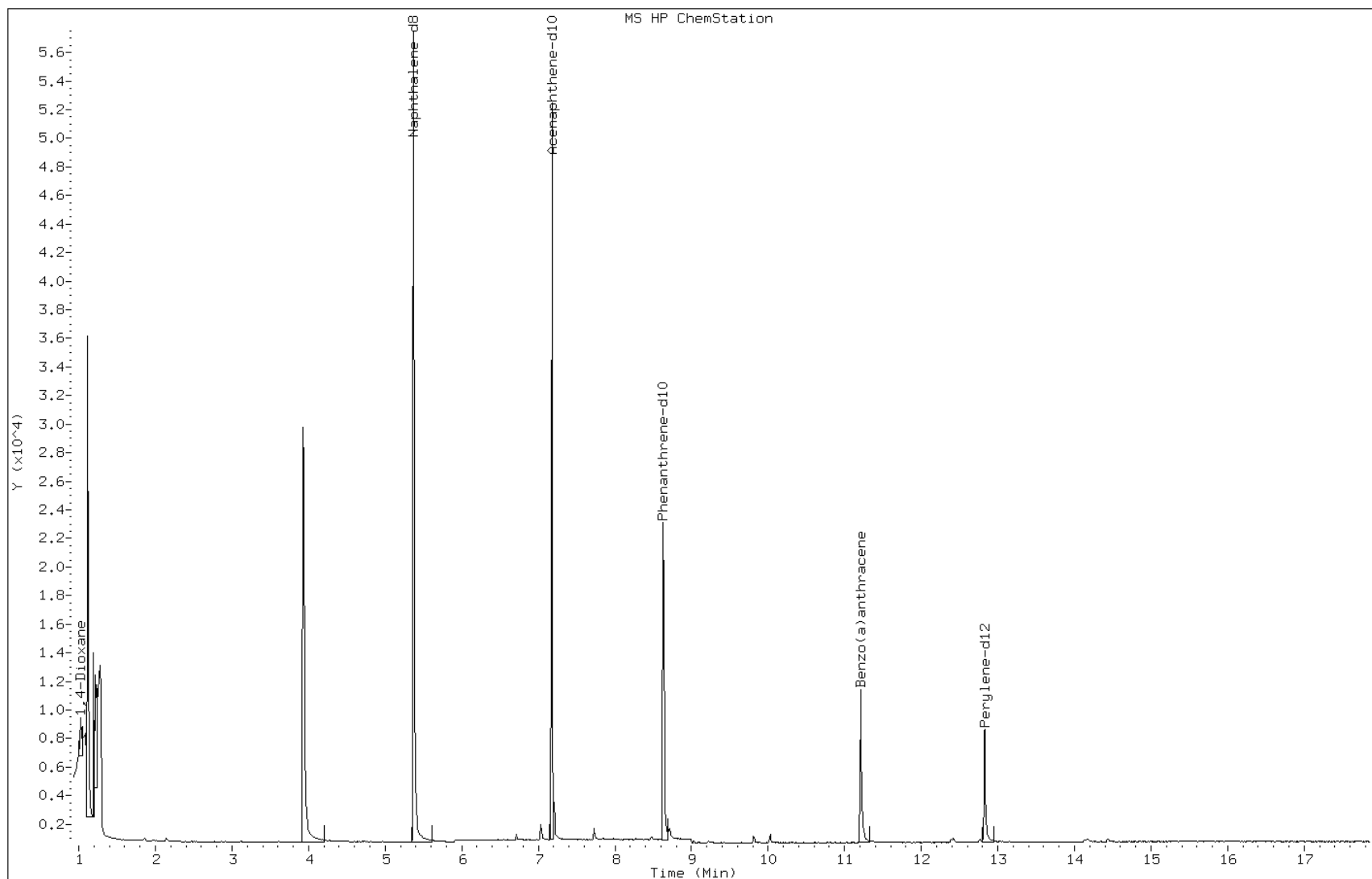
Date: 01-NOV-2011 13:55

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1192589

Operator: BNAMS 4



Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 62 Chrysene
CAS #: 218-01-9
Report Date: 11/03/2011

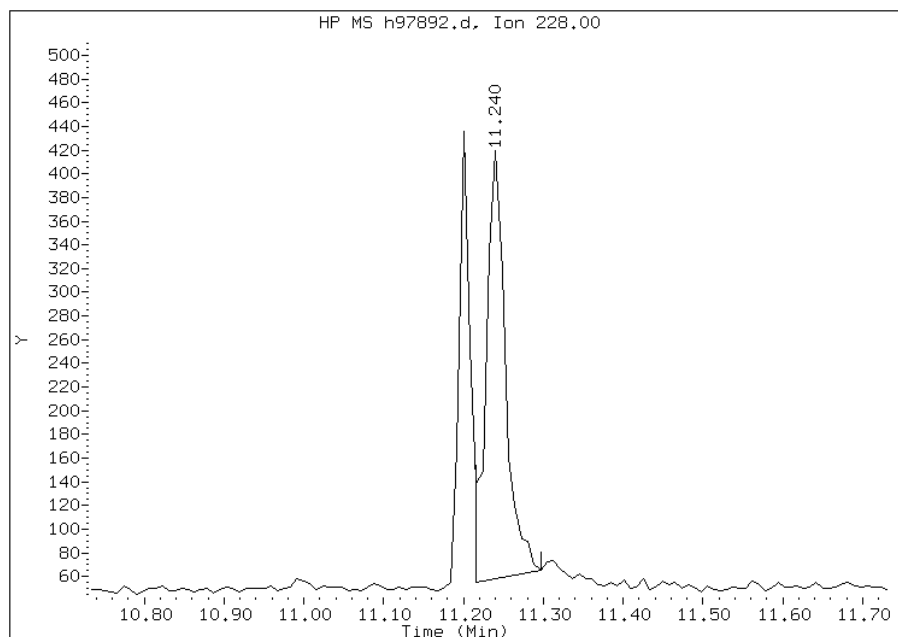
Processing Integration Results

RT: 11.24

Response: 625

Amount: 0

Conc: 0



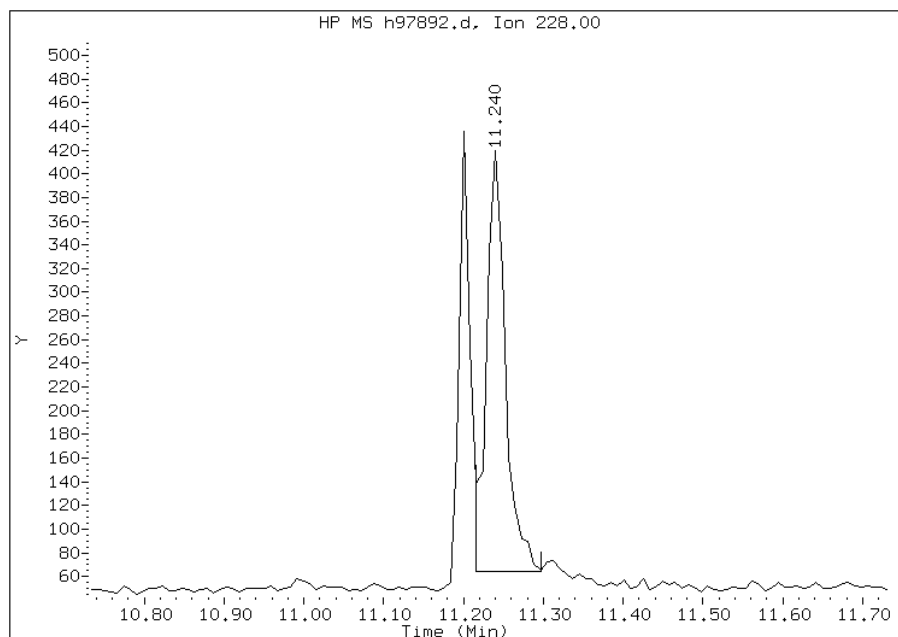
Manual Integration Results

RT: 11.24

Response: 603

Amount: 0

Conc: 0



Manually Integrated By: wahied

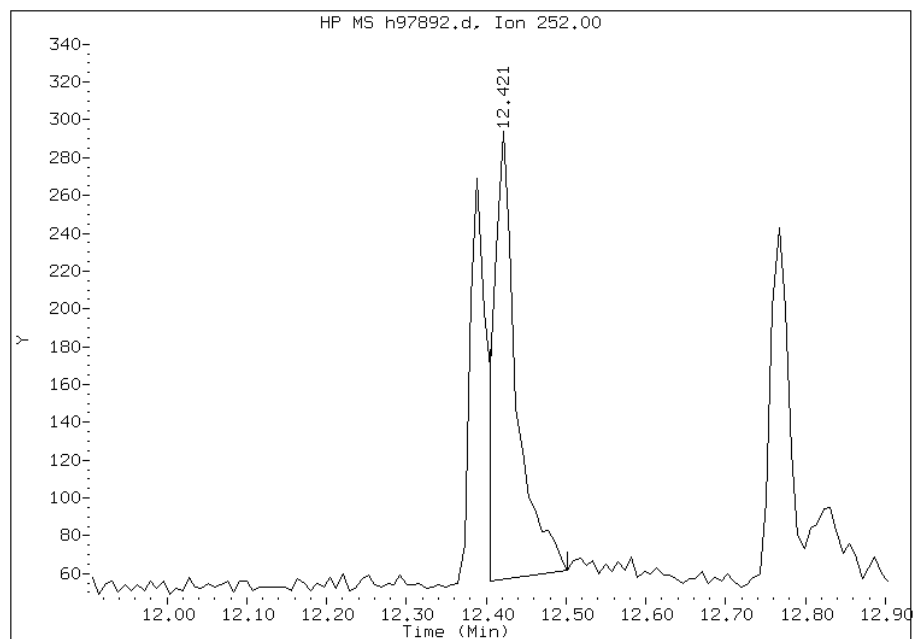
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 11/03/2011

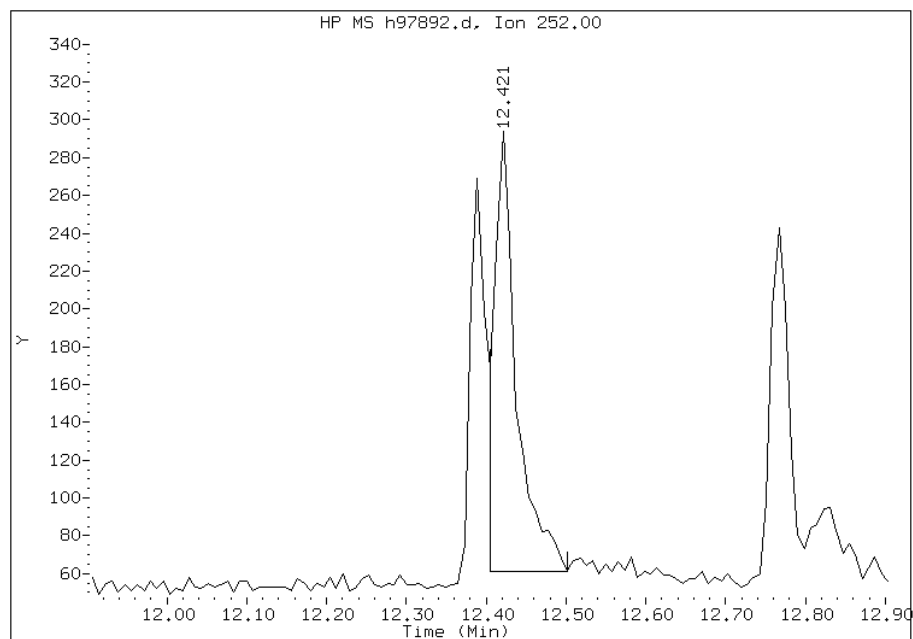
Processing Integration Results

RT: 12.42
Response: 482
Amount: 0
Conc: 0



Manual Integration Results

RT: 12.42
Response: 470
Amount: 0
Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 68 Indeno(1,2,3-cd)pyrene
CAS #: 193-39-5
Report Date: 11/03/2011

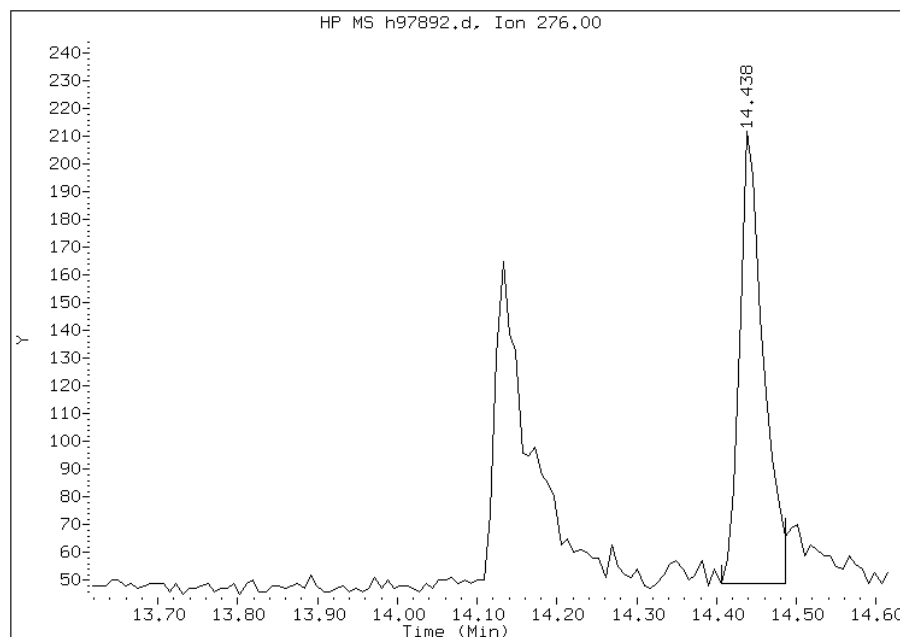
Processing Integration Results

RT: 14.44

Response: 339

Amount: 0

Conc: 0



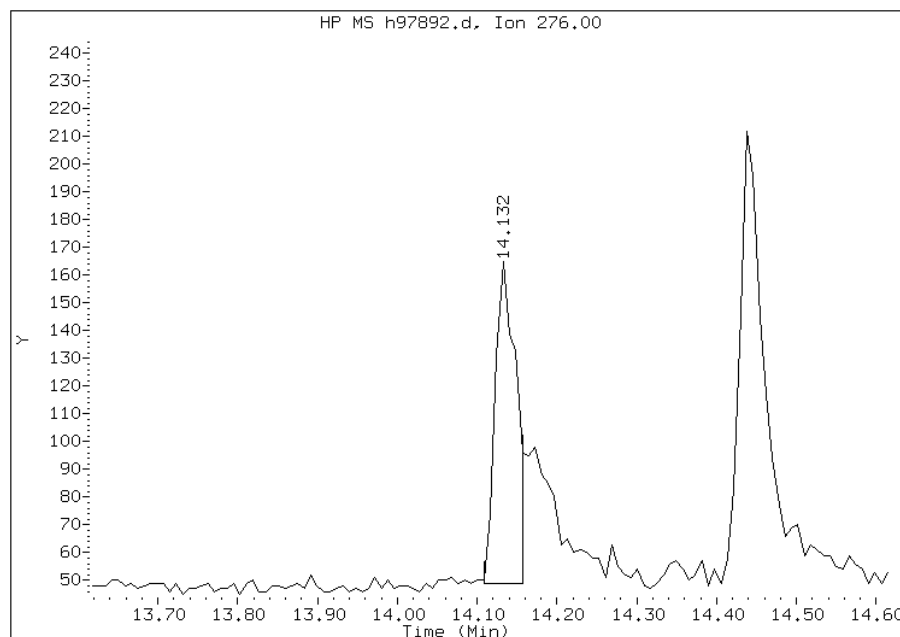
Manual Integration Results

RT: 14.13

Response: 214

Amount: 0

Conc: 0



Manually Integrated By: wahied

Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

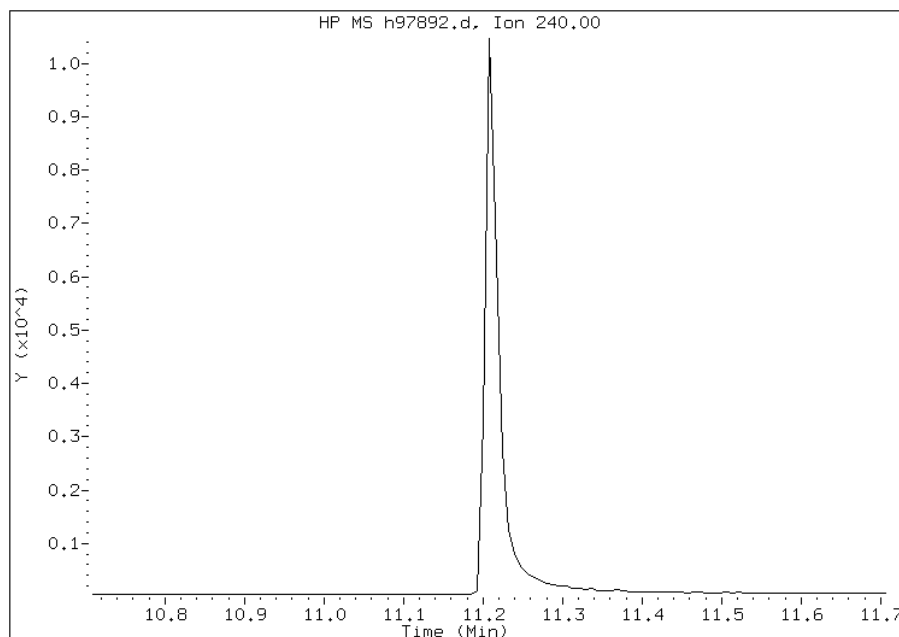
Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 11/03/2011

Processing Integration Results

Not Detected

Expected RT: 11.21



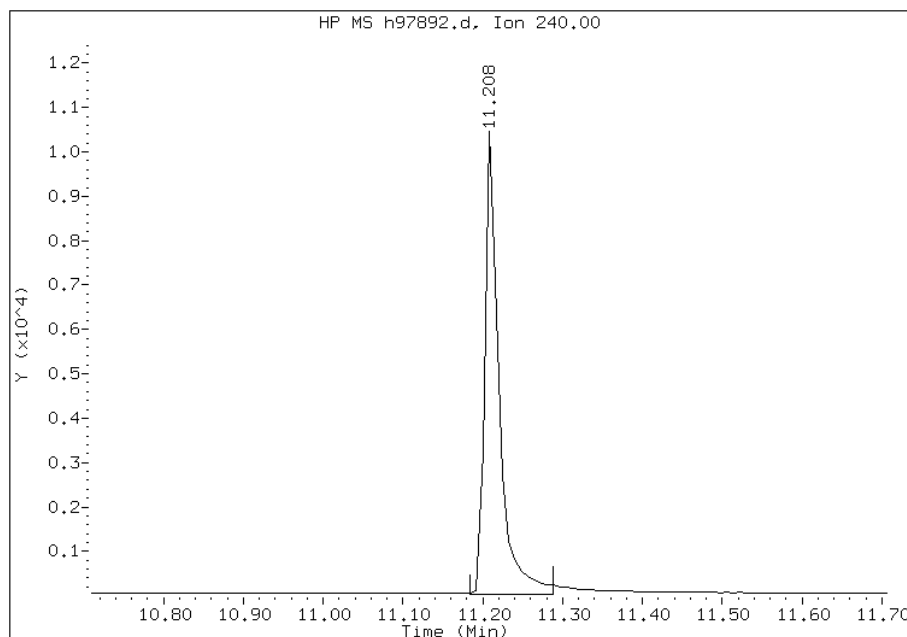
Manual Integration Results

RT: 11.21

Response: 13218

Amount: 1

Conc: 1



Manually Integrated By: wahied

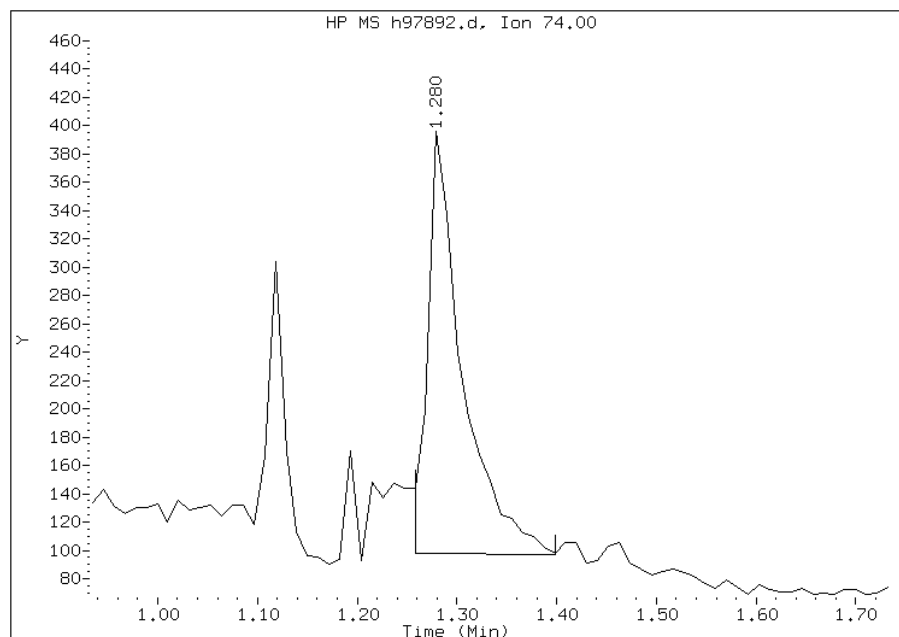
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 123-91-1
Report Date: 11/03/2011

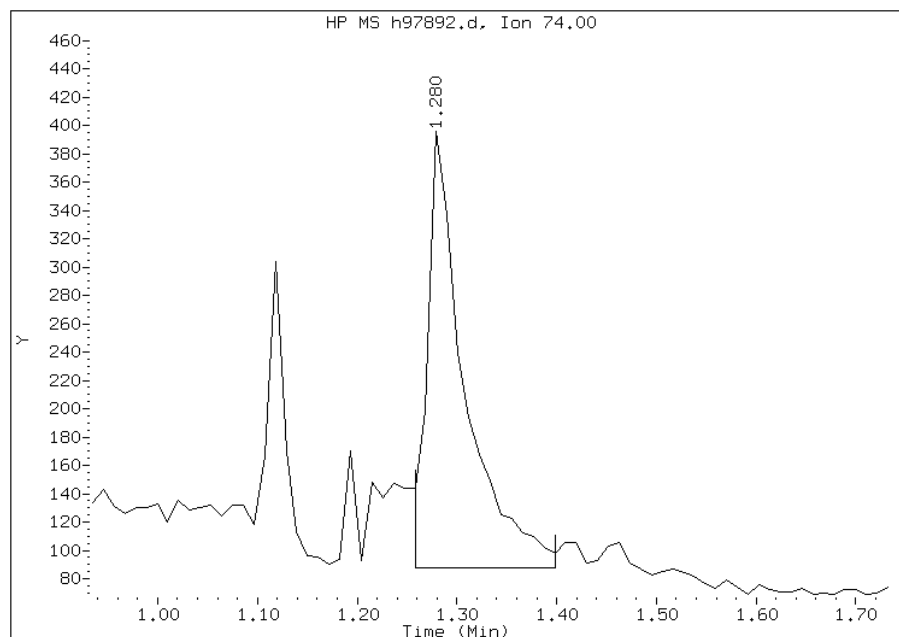
Processing Integration Results

RT: 1.28
Response: 730
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.28
Response: 816
Amount: 0
Conc: 0



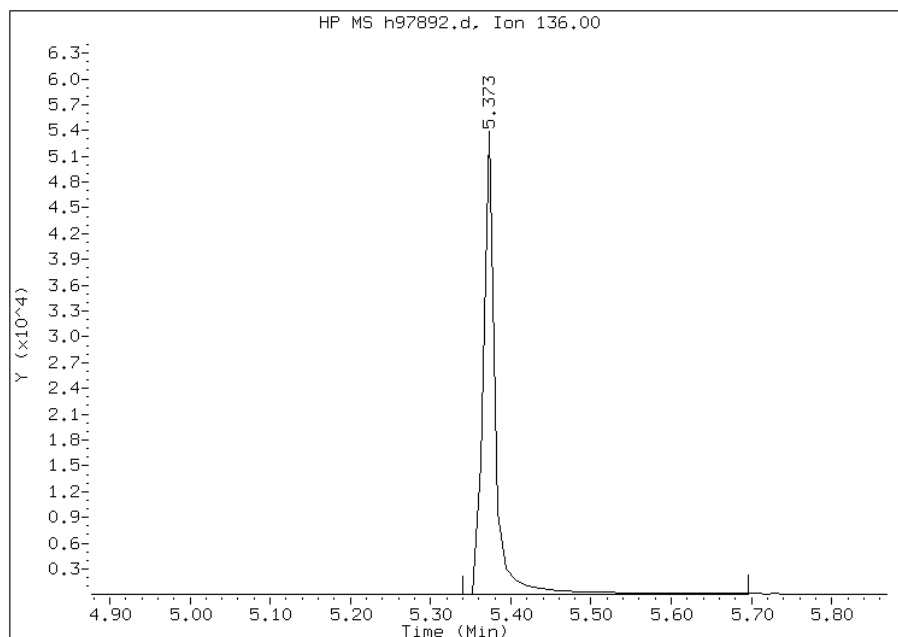
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 80 Naphthalene-d8
CAS #: 1146-65-2
Report Date: 11/03/2011

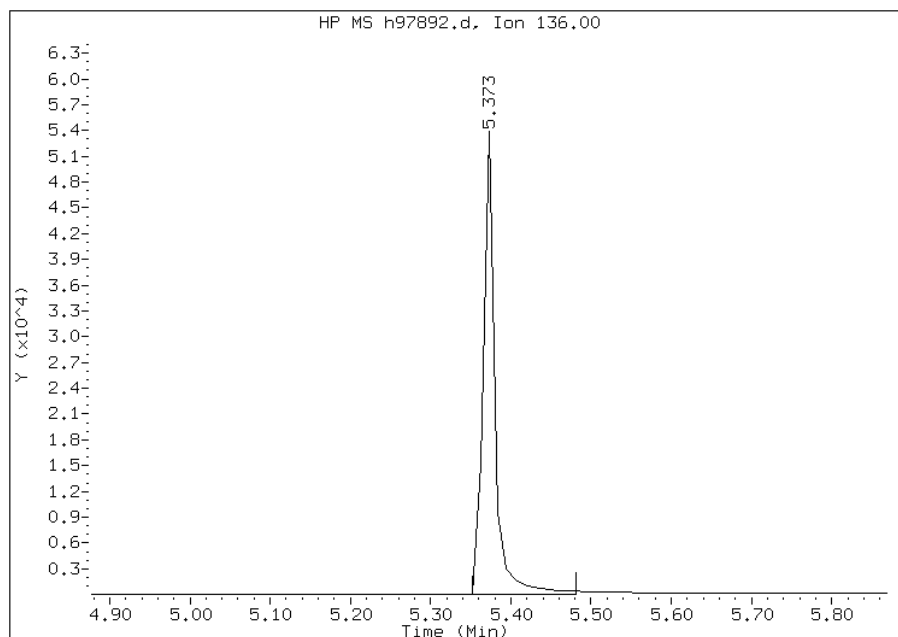
Processing Integration Results

RT: 5.37
Response: 58438
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.37
Response: 56766
Amount: 1
Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

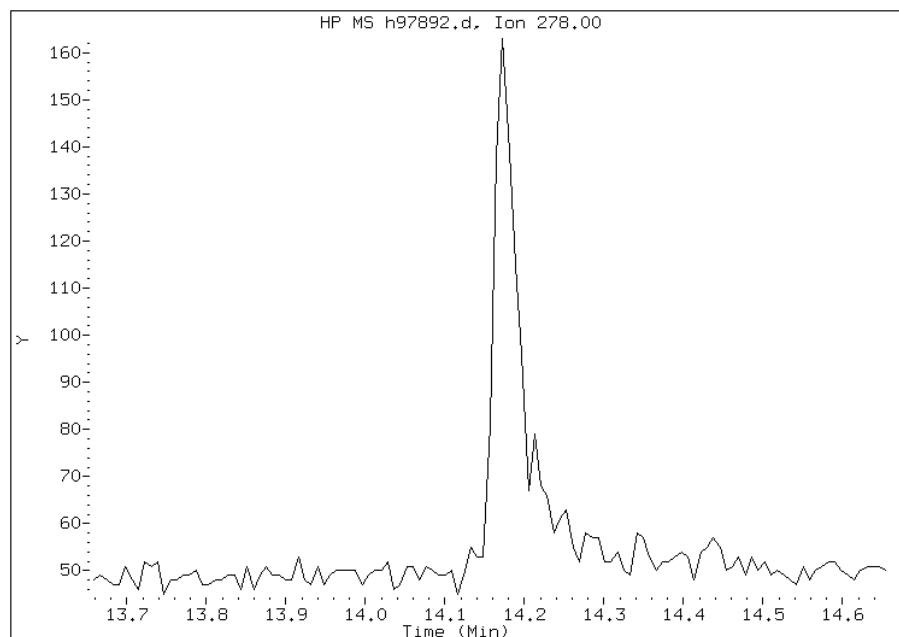
Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 11/03/2011

Processing Integration Results

Not Detected

Expected RT: 14.16



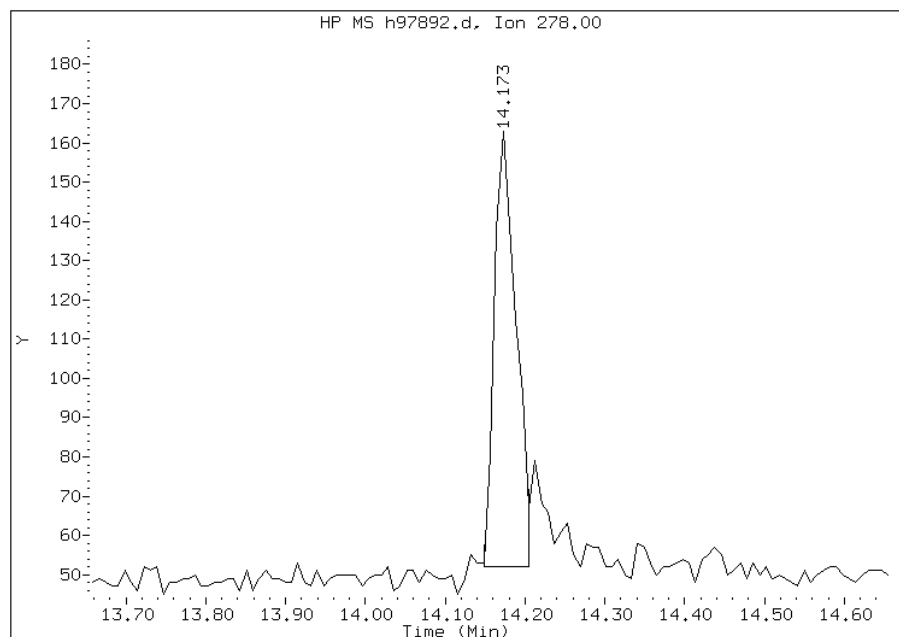
Manual Integration Results

RT: 14.17

Response: 210

Amount: 0

Conc: 0



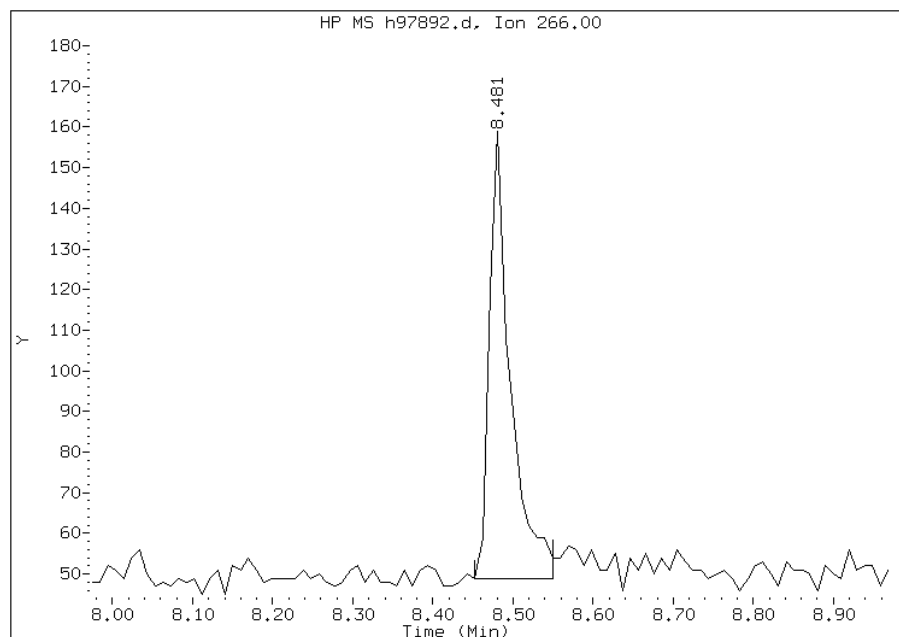
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97892.d
Inj. Date and Time: 01-NOV-2011 13:55
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 11/03/2011

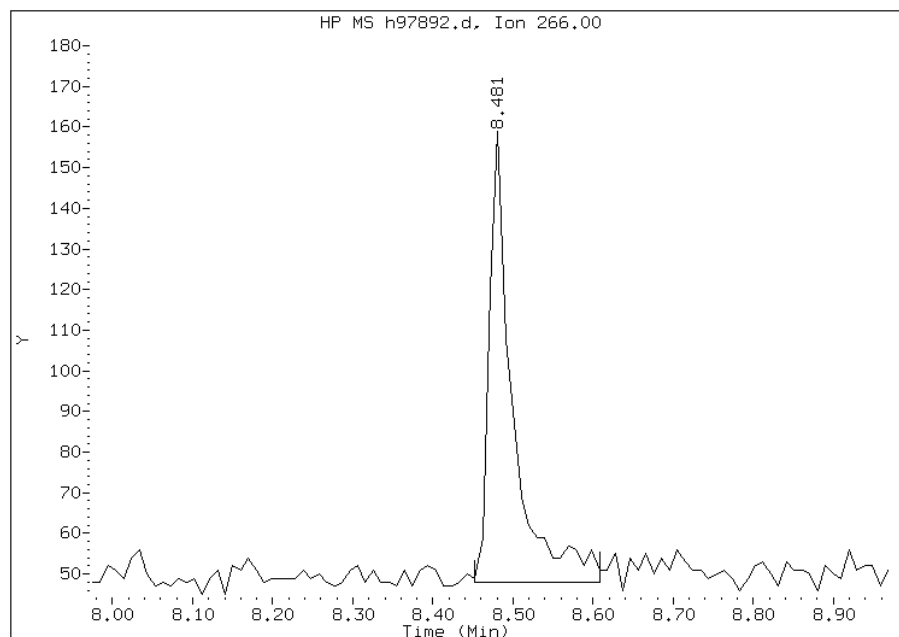
Processing Integration Results

RT: 8.48
Response: 203
Amount: 0
Conc: 0



Manual Integration Results

RT: 8.48
Response: 232
Amount: 0
Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97893.d
 Report Date: 01-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97893.d
 Lab Smp Id: IC-1192595
 Inj Date : 01-NOV-2011 14:21
 Operator : BNAMS 4
 Smp Info : IC-1192595
 Misc Info :
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/simpah.m
 Meth Date : 01-Nov-2011 15:43 czhao
 Cal Date : 01-NOV-2011 14:21
 Als bottle: 4
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97893.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)
=====	=====	==	=====	=====	=====	=====	=====	
121 1,4-Dioxane	88	1.021	1.021	(0.259)	3753	0.25000	0.28(M)	
19 N-Nitrosodimethylamine	74	1.280	1.280	(0.325)	1972	0.25000	0.23(M)	
* 79 1,4-Dichlorobenzene-d4	152	3.940	3.940	(1.000)	20423	1.00000	(M)	
* 80 Naphthalene-d8	136	5.373	5.373	(1.000)	67787	1.00000	(M)	
31 Naphthalene	128	5.395	5.395	(1.004)	4459	0.05000	0.051	
39 Acenaphthylene	152	7.031	7.031	(0.980)	2886	0.05000	0.051	
* 82 Acenaphthene-d10	164	7.177	7.177	(1.000)	27415	1.00000		
42 Acenaphthene	154	7.206	7.206	(1.004)	1960	0.05000	0.052	
47 Fluorene	166	7.722	7.722	(1.076)	1714	0.05000	0.049	
51 Hexachlorobenzene	284	8.267	8.267	(0.958)	342	0.02500	0.024	
14 Pentachlorophenol	266	8.472	8.472	(0.982)	788	0.25000	0.24(M)	
* 83 Phenanthrene-d10	188	8.627	8.627	(1.000)	33972	1.00000		
52 Phenanthrene	178	8.657	8.657	(1.003)	2482	0.05000	0.049	
53 Anthracene	178	8.705	8.705	(1.009)	1863	0.05000	0.047	
56 Fluoranthene	202	9.810	9.810	(1.137)	1516	0.05000	0.046	

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97893.d
 Report Date: 01-Nov-2011 15:43

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	10.019	10.019	(1.000)	1644	0.05000	0.050
61 Benzo(a)anthracene	228	11.200	11.200	(1.000)	889	0.05000	0.049
* 81 Chrysene-d12	240	11.208	11.208	(1.000)	15755	1.00000	(M)
62 Chrysene	228	11.232	11.232	(1.002)	1431	0.05000	0.051(M)
65 Benzo(b)fluoranthene	252	12.381	12.381	(0.966)	653	0.05000	0.049
66 Benzo(k)fluoranthene	252	12.413	12.413	(0.968)	791	0.05000	0.044(M)
67 Benzo(a)pyrene	252	12.759	12.759	(0.995)	625	0.05000	0.050
* 84 Perylene-d12	264	12.823	12.823	(1.000)	10590	1.00000	(M)
68 Indeno(1,2,3-cd)pyrene	276	14.124	14.124	(1.101)	560	0.05000	0.056
69 Dibenz(a,h)anthracene	278	14.165	14.165	(1.105)	548	0.05000	0.056(M)
70 Benzo(g,h,i)perylene	276	14.430	14.430	(1.125)	701	0.05000	0.051

QC Flag Legend

M - Compound response manually integrated.

Data File: h97893.d

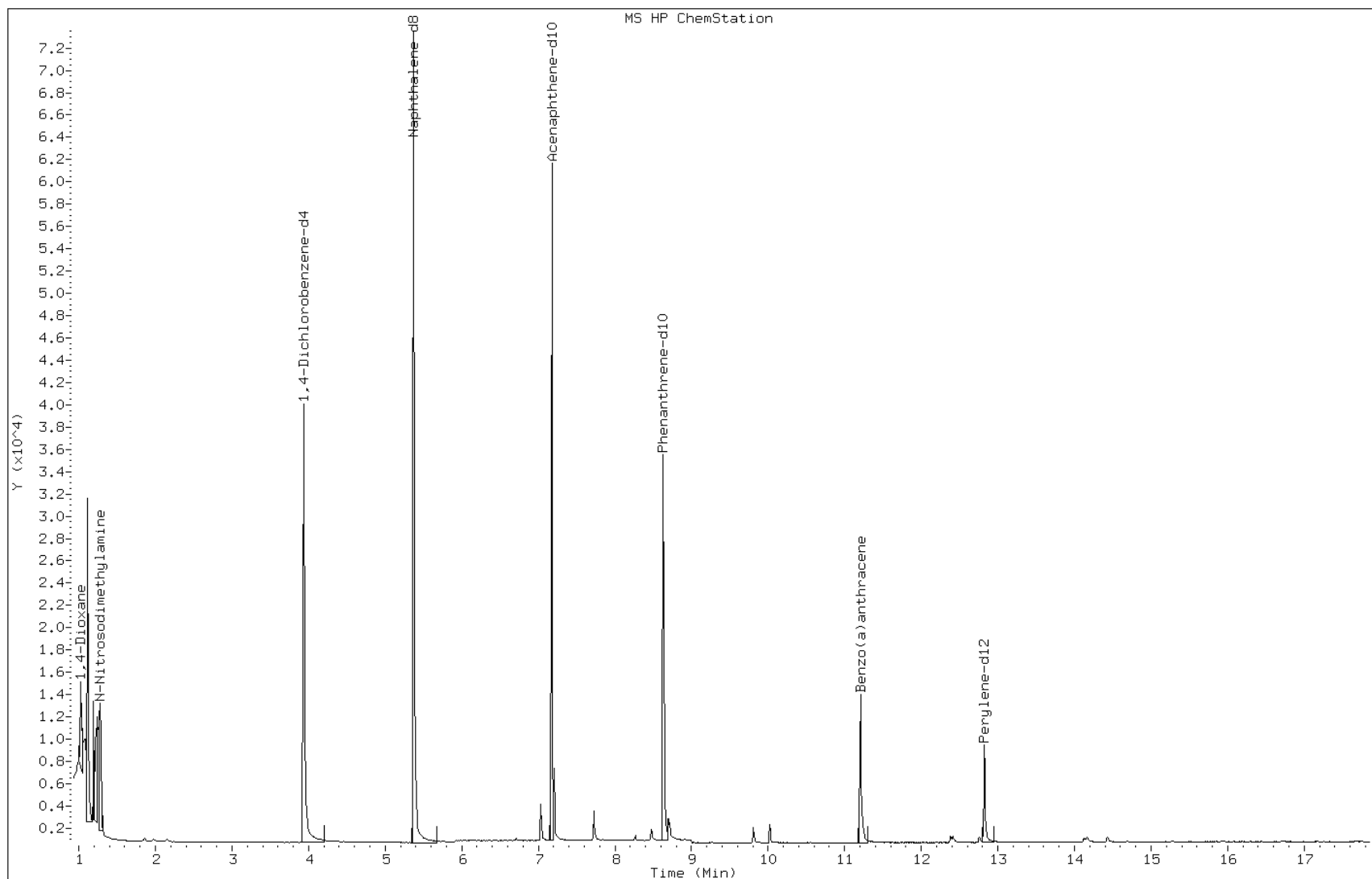
Date: 01-NOV-2011 14:21

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1192595

Operator: BNAMS 4

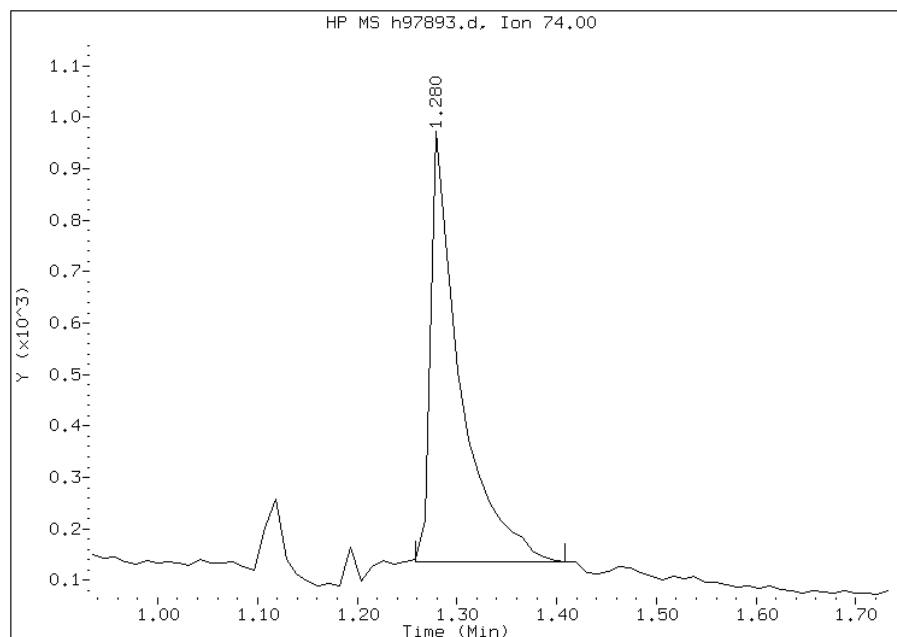


Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 123-91-1
Report Date: 11/03/2011

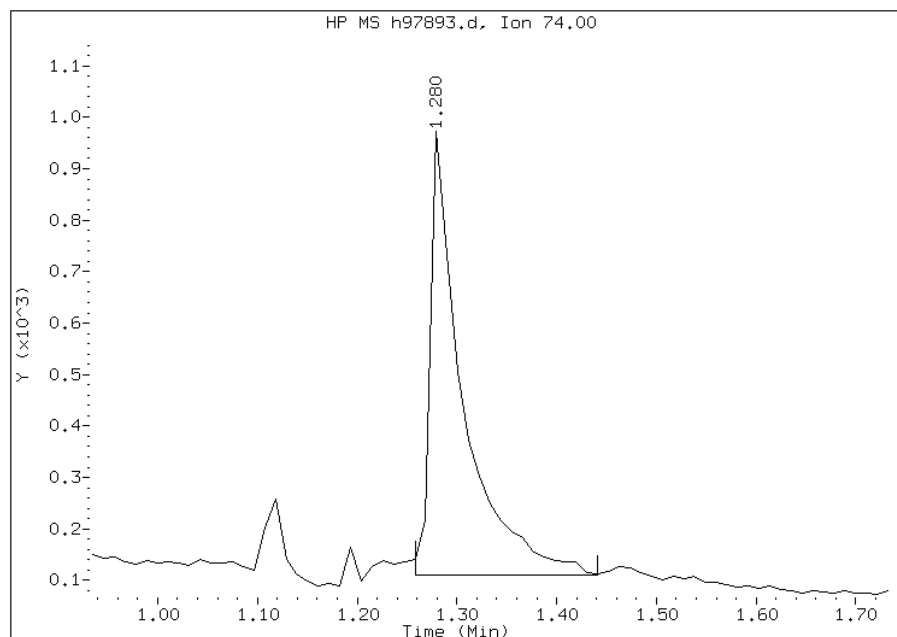
Processing Integration Results

RT: 1.28
Response: 1687
Amount: 0
Conc: 0



Manual Integration Results

RT: 1.28
Response: 1972
Amount: 0
Conc: 0



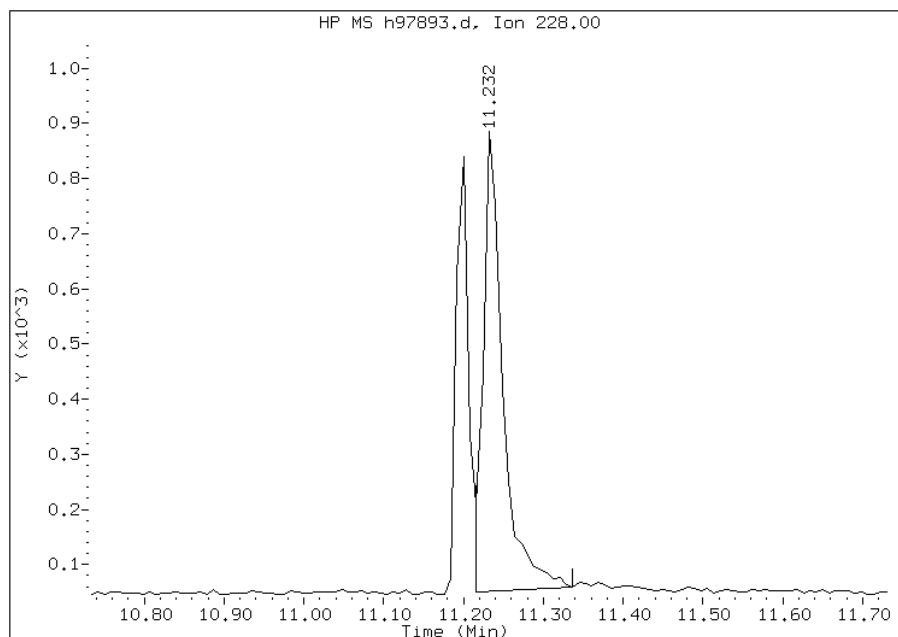
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 62 Chrysene
CAS #: 218-01-9
Report Date: 11/03/2011

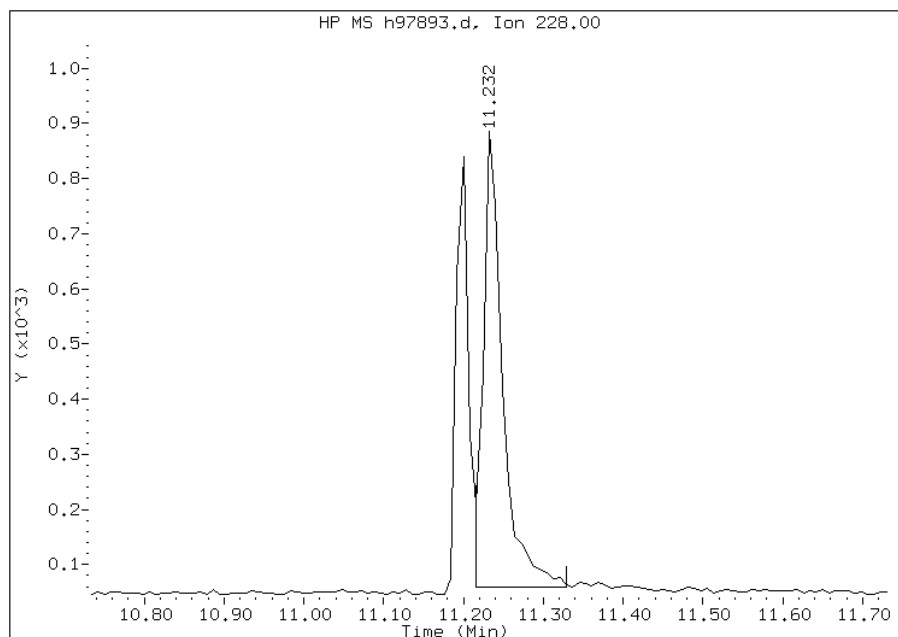
Processing Integration Results

RT: 11.23
Response: 1462
Amount: 0
Conc: 0



Manual Integration Results

RT: 11.23
Response: 1431
Amount: 0
Conc: 0



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 11/03/2011

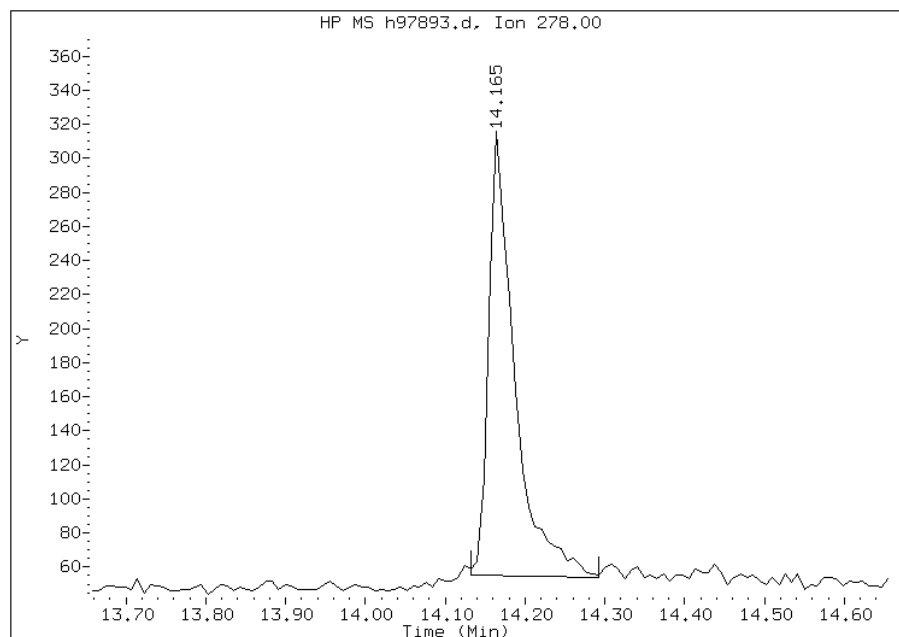
Processing Integration Results

RT: 14.16

Response: 593

Amount: 0

Conc: 0



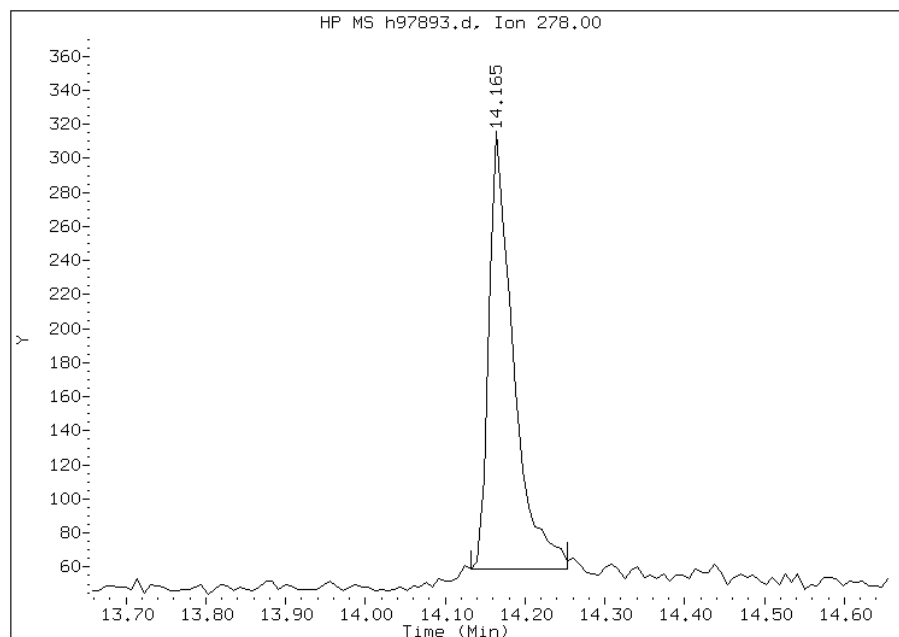
Manual Integration Results

RT: 14.16

Response: 548

Amount: 0

Conc: 0



Manually Integrated By: wahied

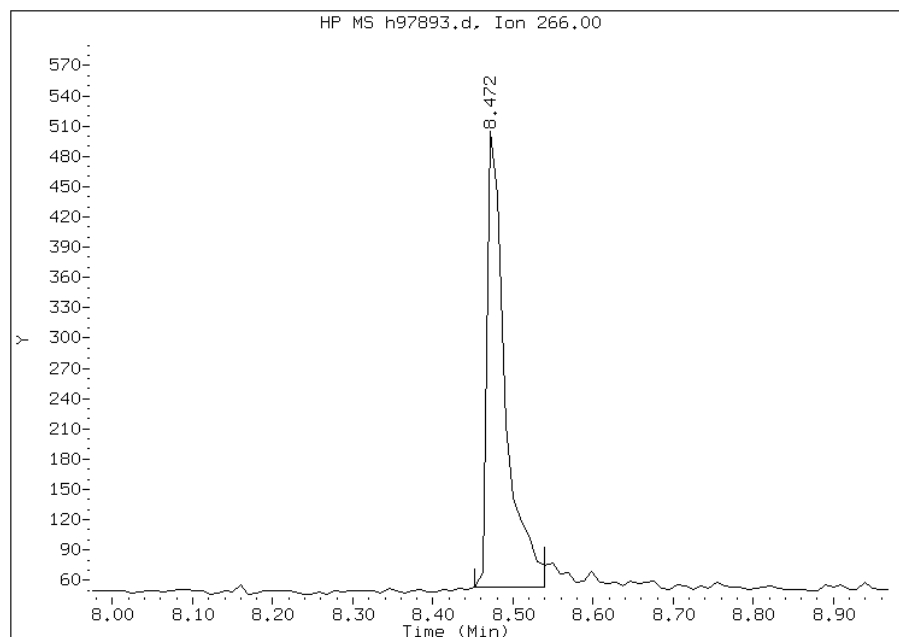
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 11/03/2011

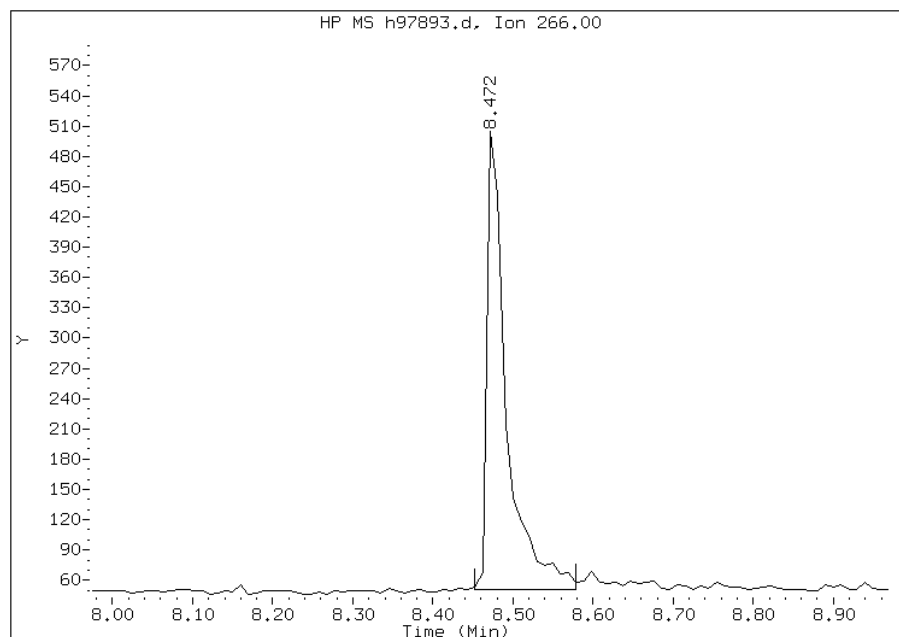
Processing Integration Results

RT: 8.47
Response: 739
Amount: 0
Conc: 0



Manual Integration Results

RT: 8.47
Response: 788
Amount: 0
Conc: 0



Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 11/03/2011

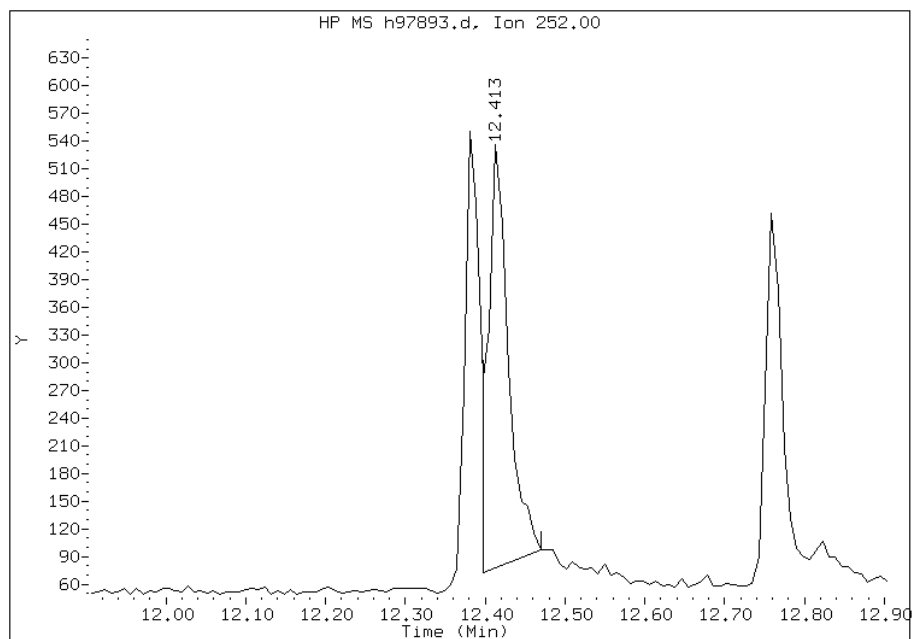
Processing Integration Results

RT: 12.41

Response: 844

Amount: 0

Conc: 0



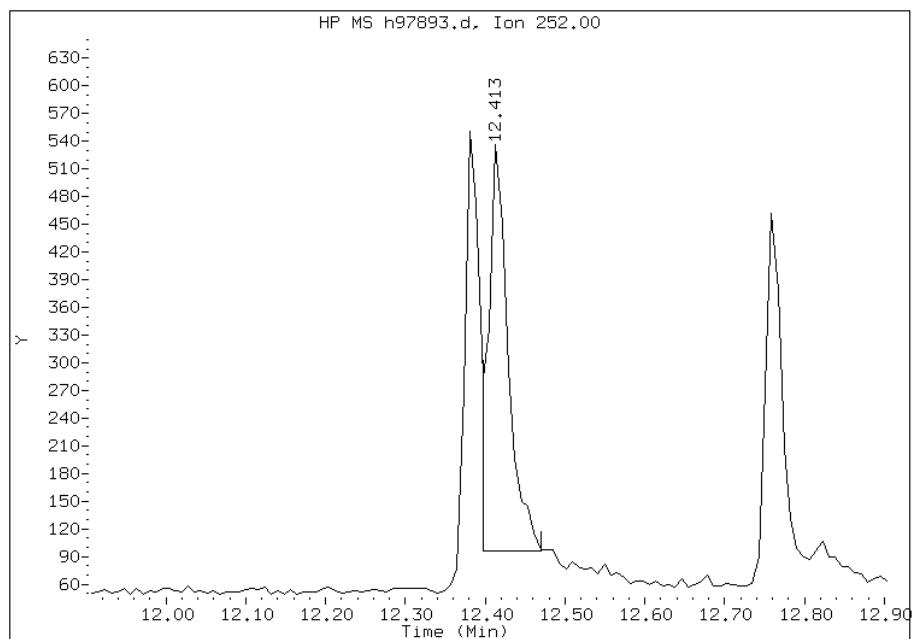
Manual Integration Results

RT: 12.41

Response: 791

Amount: 0

Conc: 0



Manually Integrated By: wahied

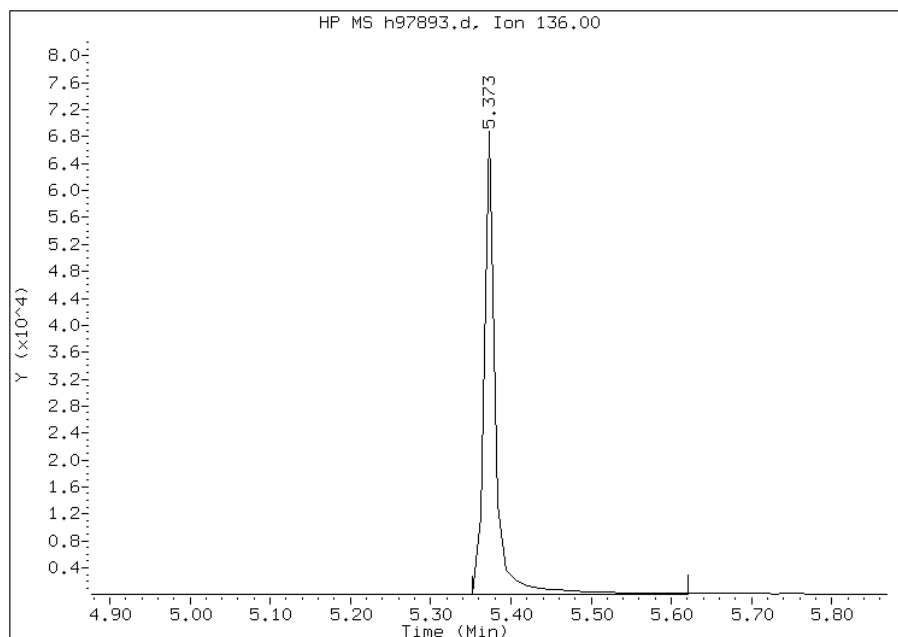
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 80 Naphthalene-d8
CAS #: 1146-65-2
Report Date: 11/03/2011

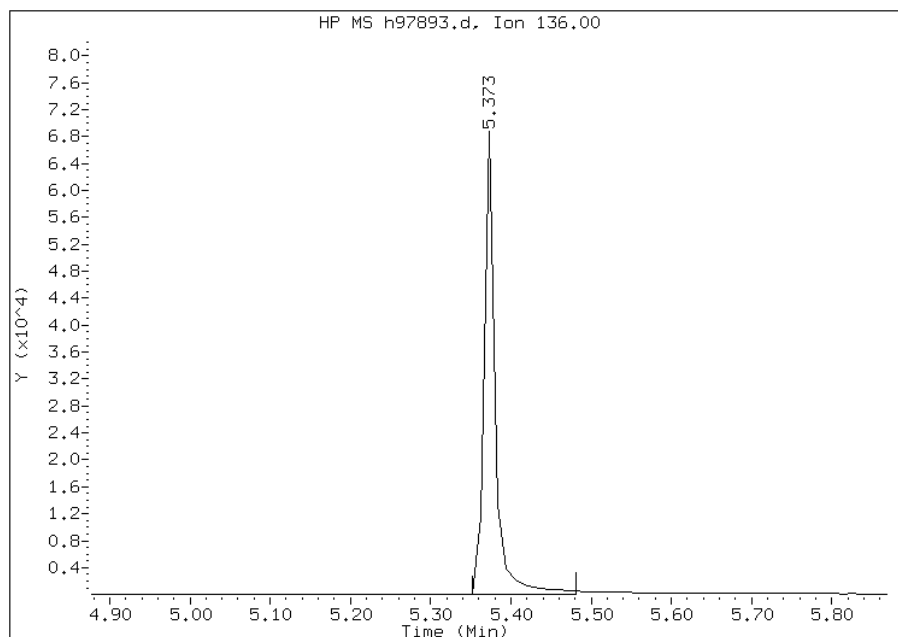
Processing Integration Results

RT: 5.37
Response: 69652
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.37
Response: 67787
Amount: 1
Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

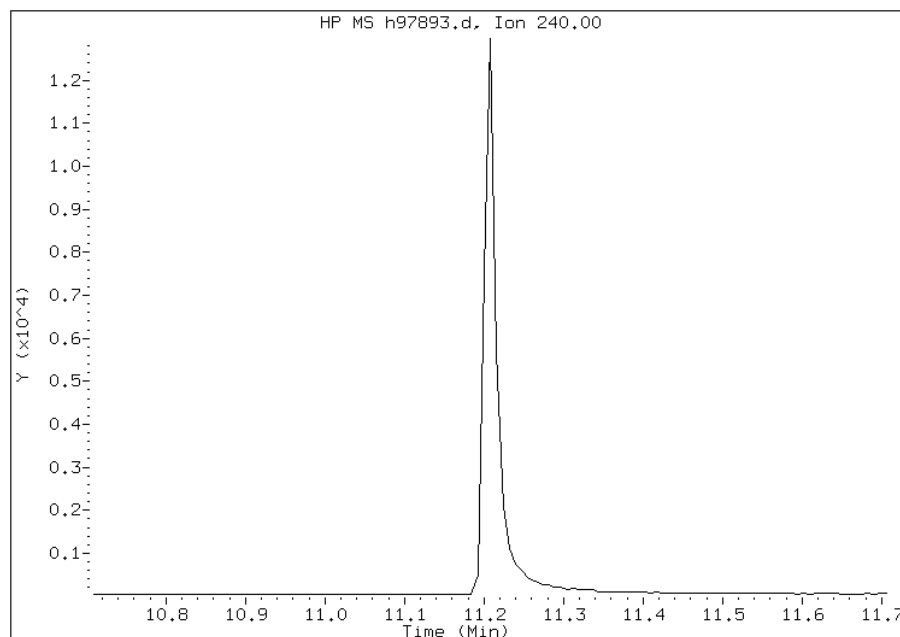
Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 11/03/2011

Processing Integration Results

Not Detected

Expected RT: 11.21



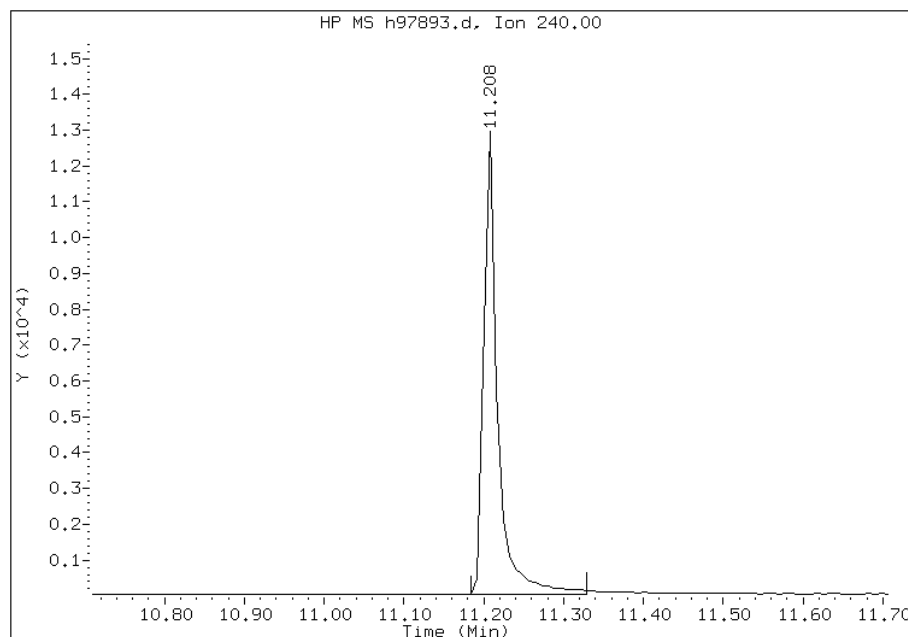
Manual Integration Results

RT: 11.21

Response: 15755

Amount: 1

Conc: 1



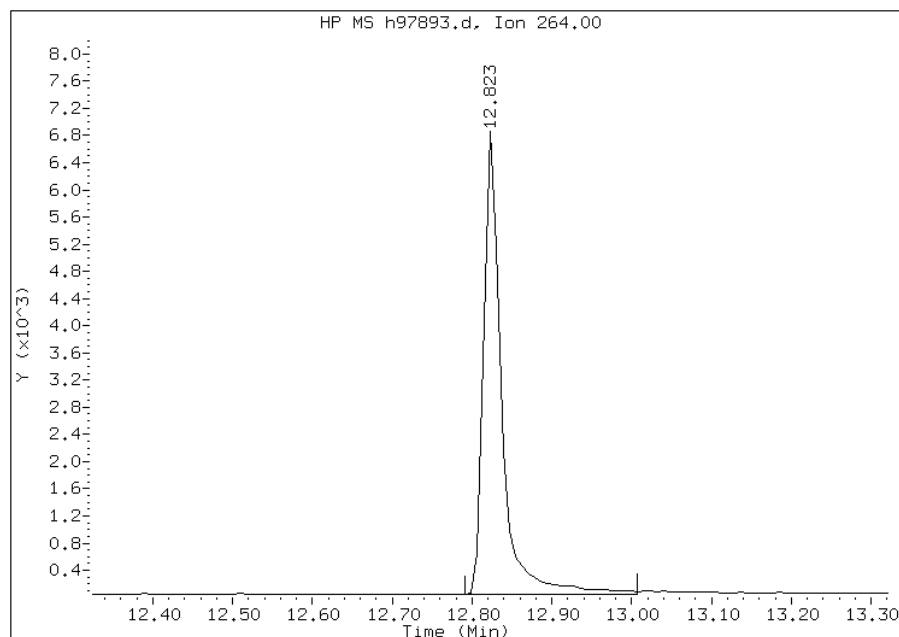
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 84 Perylene-d12
CAS #: 1520-96-3
Report Date: 11/03/2011

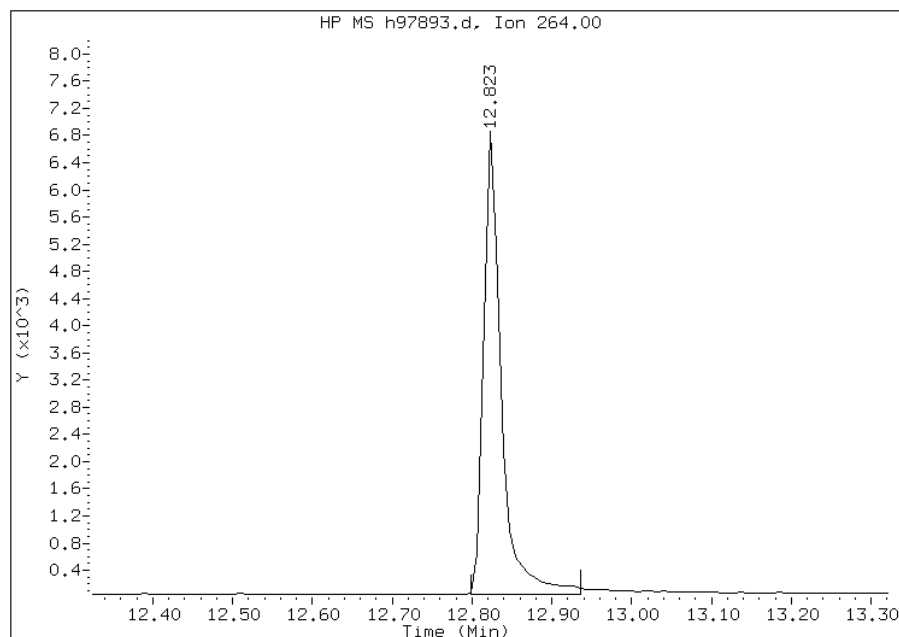
Processing Integration Results

RT: 12.82
Response: 10863
Amount: 1
Conc: 1



Manual Integration Results

RT: 12.82
Response: 10590
Amount: 1
Conc: 1



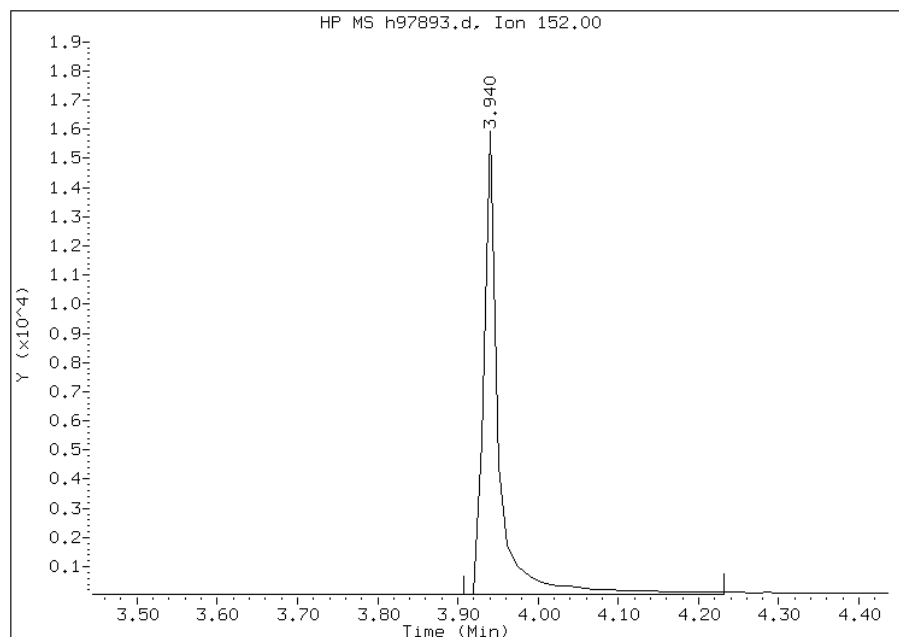
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97893.d
Inj. Date and Time: 01-NOV-2011 14:21
Instrument ID: BNAMS9.i
Client ID:
Compound: 79 1,4-Dichlorobenzene-d4
CAS #: 3855-82-1
Report Date: 11/03/2011

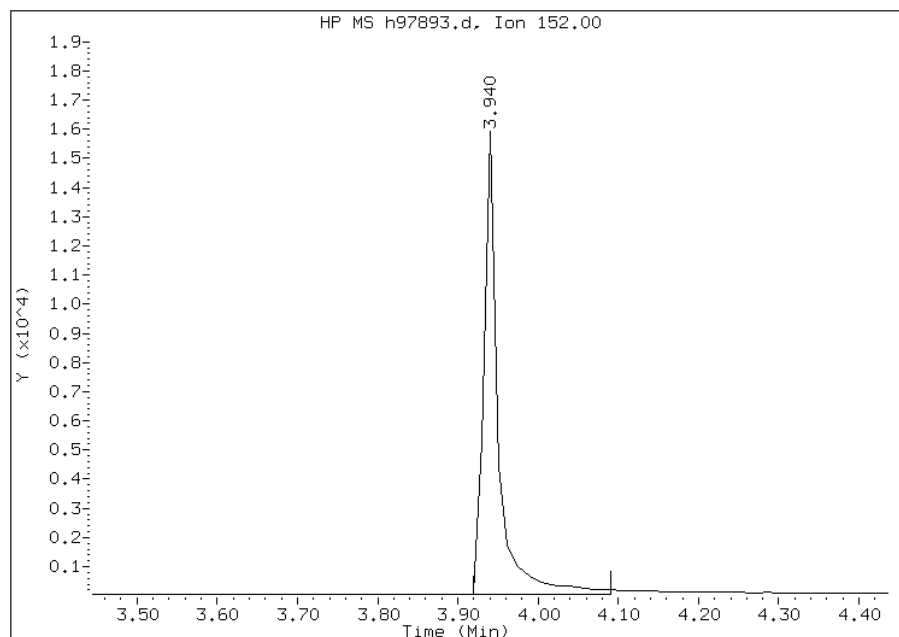
Processing Integration Results

RT: 3.94
Response: 21219
Amount: 1
Conc: 1



Manual Integration Results

RT: 3.94
Response: 20423
Amount: 1
Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97894.d
 Report Date: 01-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97894.d
 Lab Smp Id: IC-1192598
 Inj Date : 01-NOV-2011 14:48
 Operator : BNAMS 4
 Smp Info : IC-1192598
 Misc Info :
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/simpah.m
 Meth Date : 01-Nov-2011 15:43 czhao
 Cal Date : 01-NOV-2011 14:48
 Als bottle: 5
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97894.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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
121 1,4-Dioxane		88	0.989	0.989	(0.251)	11733	1.00000	1.0(M)
19 N-Nitrosodimethylamine		74	1.237	1.237	(0.314)	9335	1.00000	1.2(M)
* 79 1,4-Dichlorobenzene-d4		152	3.941	3.941	(1.000)	16698	1.00000	(M)
* 80 Naphthalene-d8		136	5.373	5.373	(1.000)	58683	1.00000	(M)
31 Naphthalene		128	5.395	5.395	(1.004)	37662	0.50000	0.50
39 Acenaphthylene		152	7.031	7.031	(0.980)	27415	0.50000	0.48(M)
* 82 Acenaphthene-d10		164	7.177	7.177	(1.000)	27509	1.00000	
42 Acenaphthene		154	7.207	7.207	(1.004)	19506	0.50000	0.51
47 Fluorene		166	7.722	7.722	(1.076)	20065	0.50000	0.56
51 Hexachlorobenzene		284	8.267	8.267	(0.958)	16727	1.00000	0.98
14 Pentachlorophenol		266	8.472	8.472	(0.982)	4721	1.00000	1.1
* 83 Phenanthrene-d10		188	8.628	8.628	(1.000)	40901	1.00000	
52 Phenanthrene		178	8.647	8.647	(1.002)	31627	0.50000	0.52
53 Anthracene		178	8.705	8.705	(1.009)	27186	0.50000	0.55
56 Fluoranthene		202	9.803	9.803	(1.136)	25050	0.50000	0.59

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97894.d
 Report Date: 01-Nov-2011 15:43

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	10.019	10.019	(0.894)	27263	0.50000	0.47
61 Benzo(a)anthracene	228	11.200	11.200	(0.999)	16145	0.50000	0.50
* 81 Chrysene-d12	240	11.208	11.208	(1.000)	28425	1.00000	
62 Chrysene	228	11.233	11.233	(1.002)	24761	0.50000	0.49
65 Benzo(b)fluoranthene	252	12.381	12.381	(0.966)	10708	0.50000	0.50
66 Benzo(k)fluoranthene	252	12.405	12.405	(0.967)	18055	0.50000	0.59(M)
67 Benzo(a)pyrene	252	12.751	12.751	(0.994)	10295	0.50000	0.50
* 84 Perylene-d12	264	12.823	12.823	(1.000)	17210	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.117	14.117	(1.101)	7667	0.50000	0.48
69 Dibenzo(a,h)anthracene	278	14.157	14.157	(1.104)	8757	0.50000	0.54(M)
70 Benzo(g,h,i)perylene	276	14.430	14.430	(1.125)	11652	0.50000	0.52

QC Flag Legend

M - Compound response manually integrated.

Data File: h97894.d

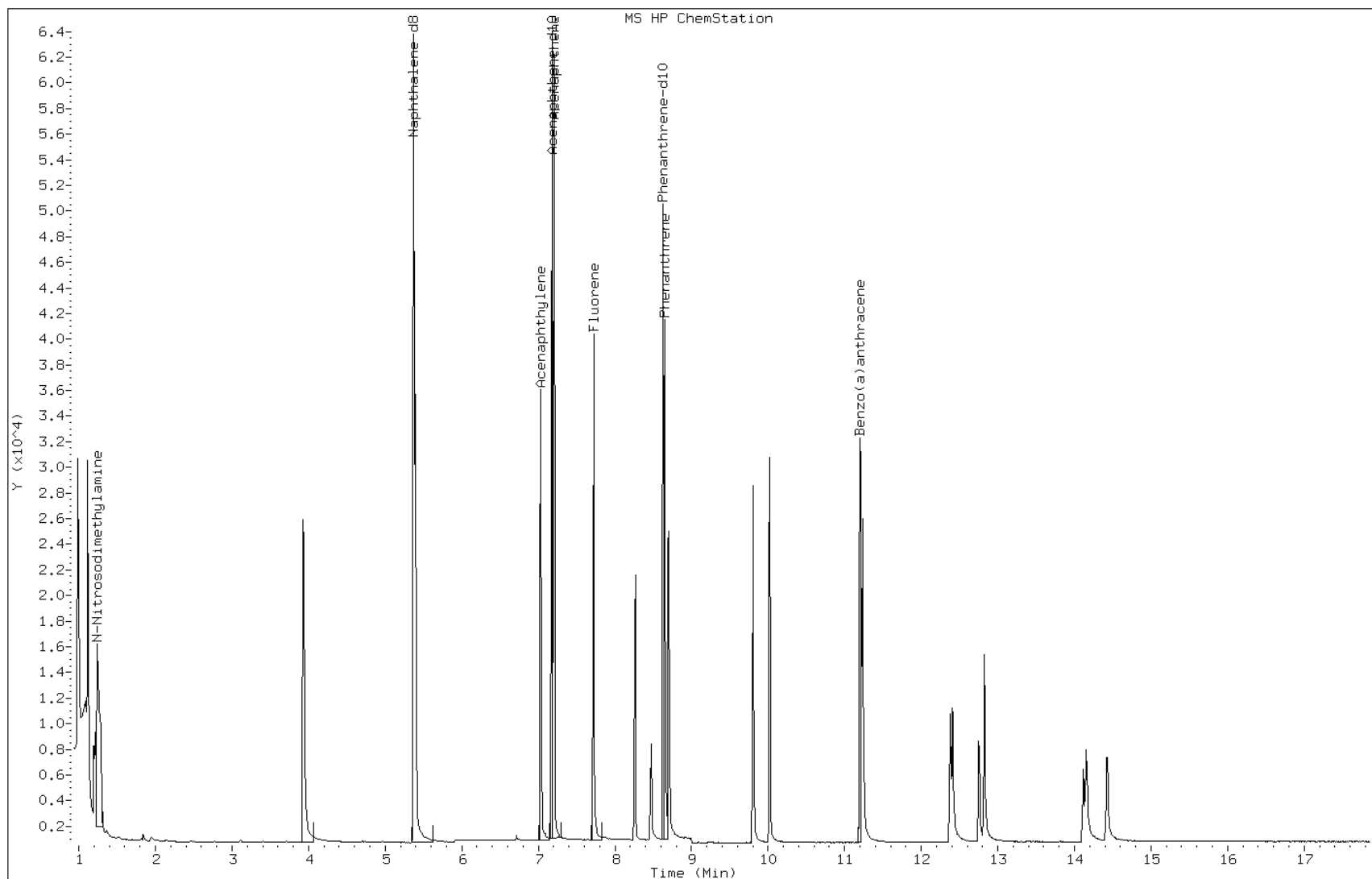
Date: 01-NOV-2011 14:48

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1192598

Operator: BNAMS 4

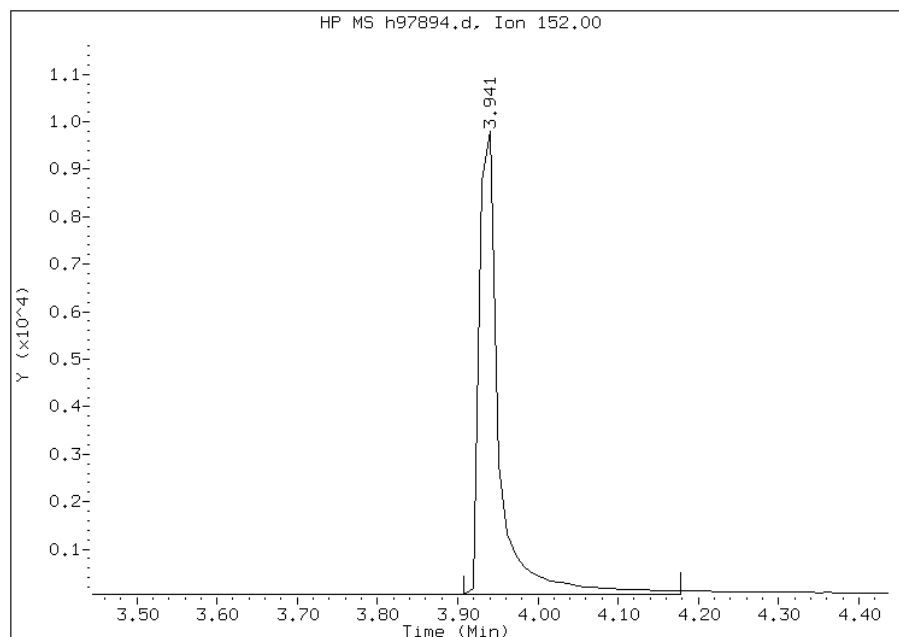


Manual Integration Report

Data File: h97894.d
Inj. Date and Time: 01-NOV-2011 14:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 79 1,4-Dichlorobenzene-d4
CAS #: 3855-82-1
Report Date: 11/03/2011

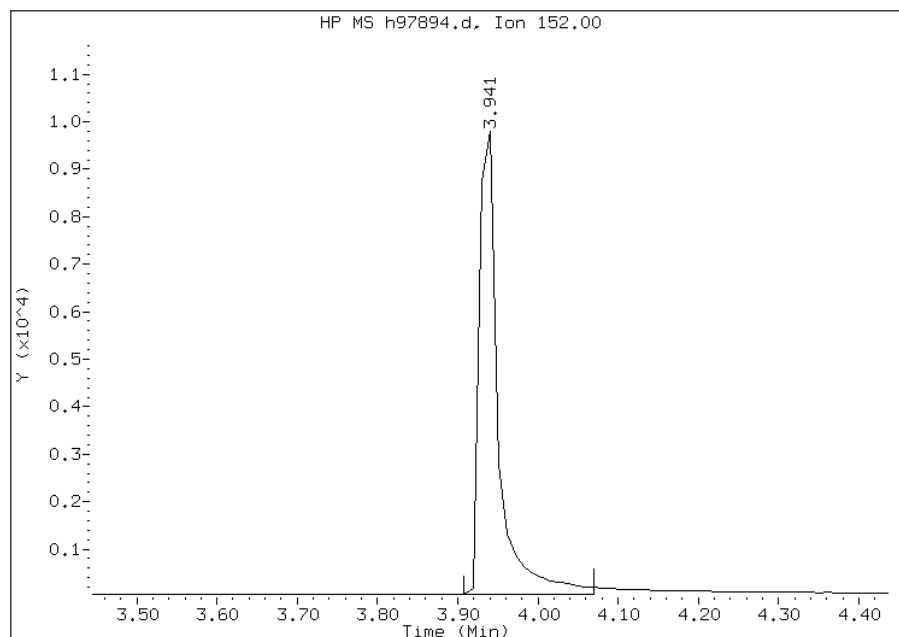
Processing Integration Results

RT: 3.94
Response: 17328
Amount: 1
Conc: 1



Manual Integration Results

RT: 3.94
Response: 16698
Amount: 1
Conc: 1



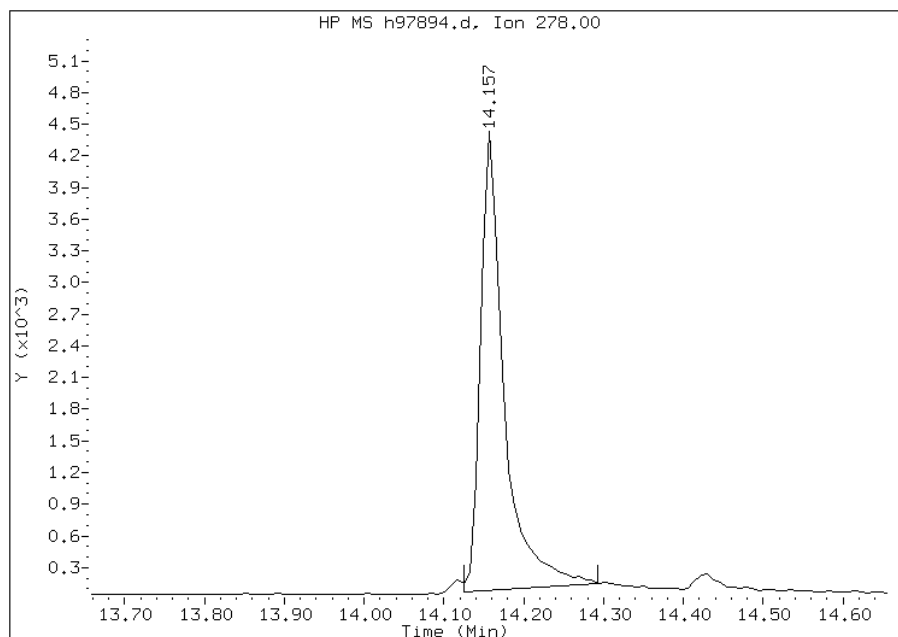
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97894.d
Inj. Date and Time: 01-NOV-2011 14:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 11/03/2011

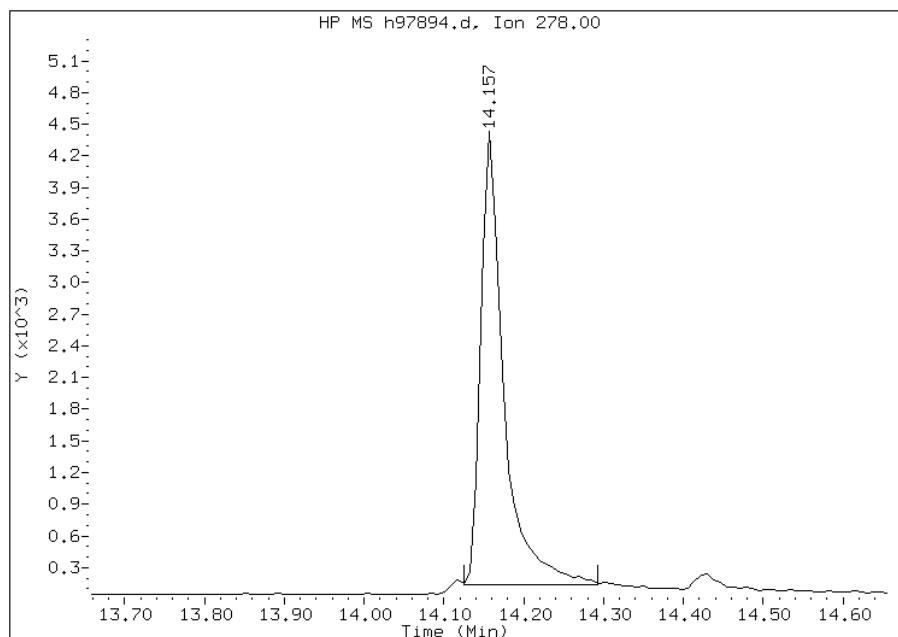
Processing Integration Results

RT: 14.16
Response: 9016
Amount: 1
Conc: 1



Manual Integration Results

RT: 14.16
Response: 8757
Amount: 1
Conc: 1



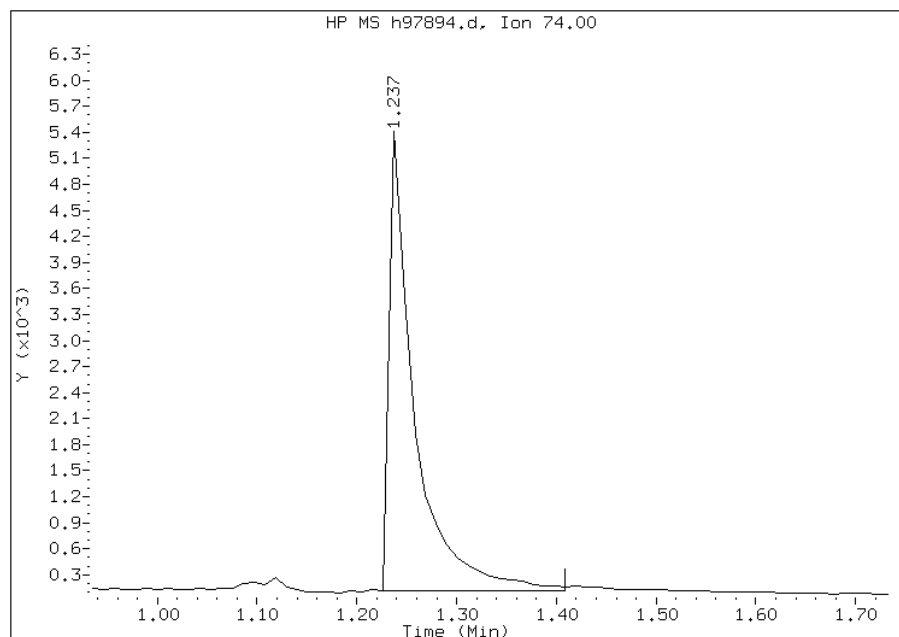
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97894.d
Inj. Date and Time: 01-NOV-2011 14:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 123-91-1
Report Date: 11/03/2011

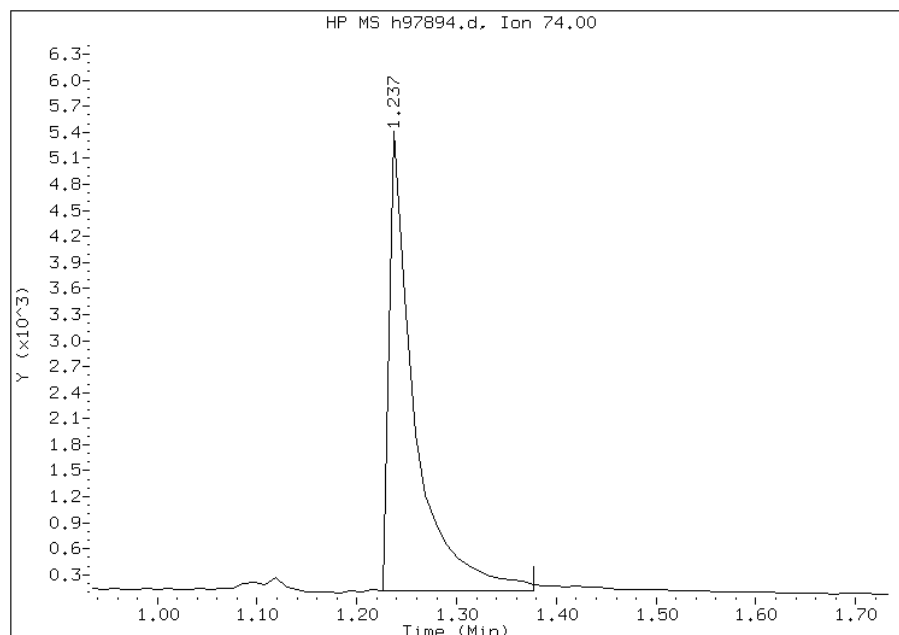
Processing Integration Results

RT: 1.24
Response: 9484
Amount: 1
Conc: 1



Manual Integration Results

RT: 1.24
Response: 9335
Amount: 1
Conc: 1



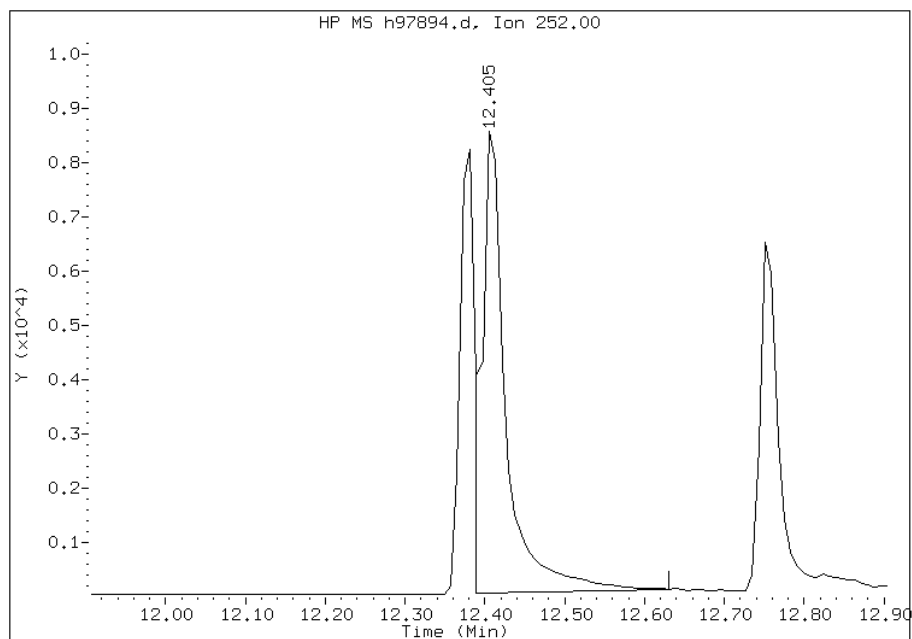
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97894.d
Inj. Date and Time: 01-NOV-2011 14:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 11/03/2011

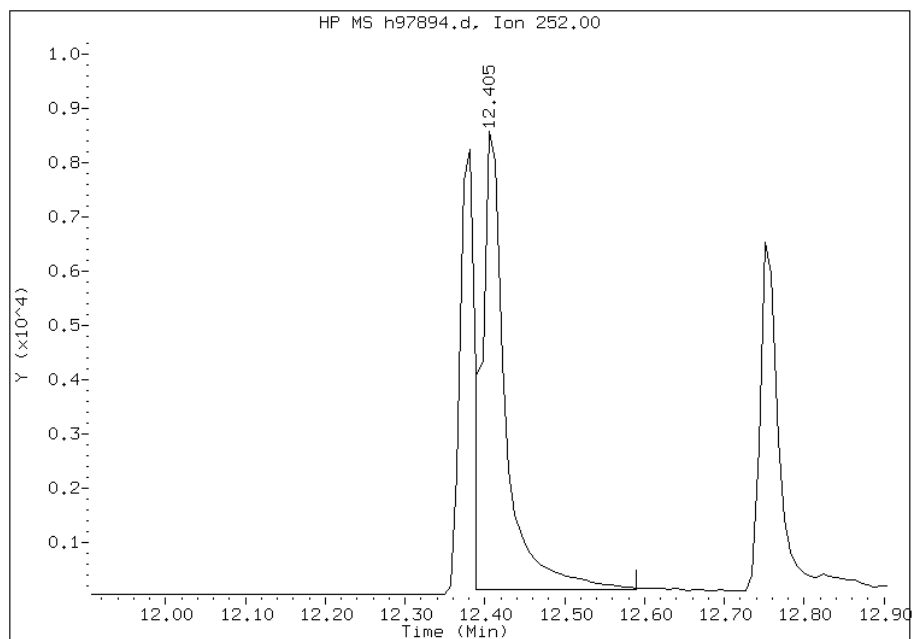
Processing Integration Results

RT: 12.41
Response: 18649
Amount: 1
Conc: 1



Manual Integration Results

RT: 12.41
Response: 18055
Amount: 1
Conc: 1



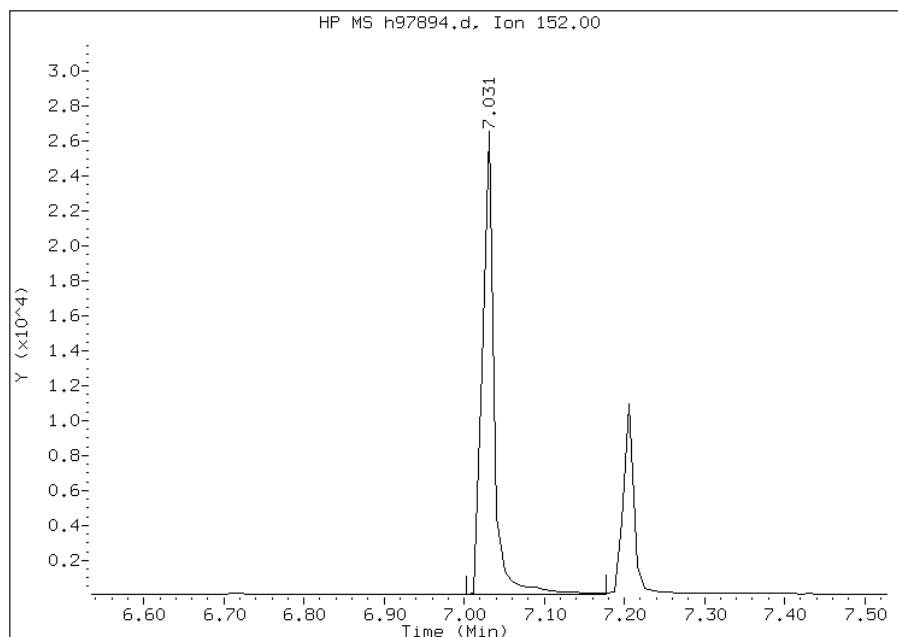
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97894.d
Inj. Date and Time: 01-NOV-2011 14:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 39 Acenaphthylene
CAS #: 208-96-8
Report Date: 11/03/2011

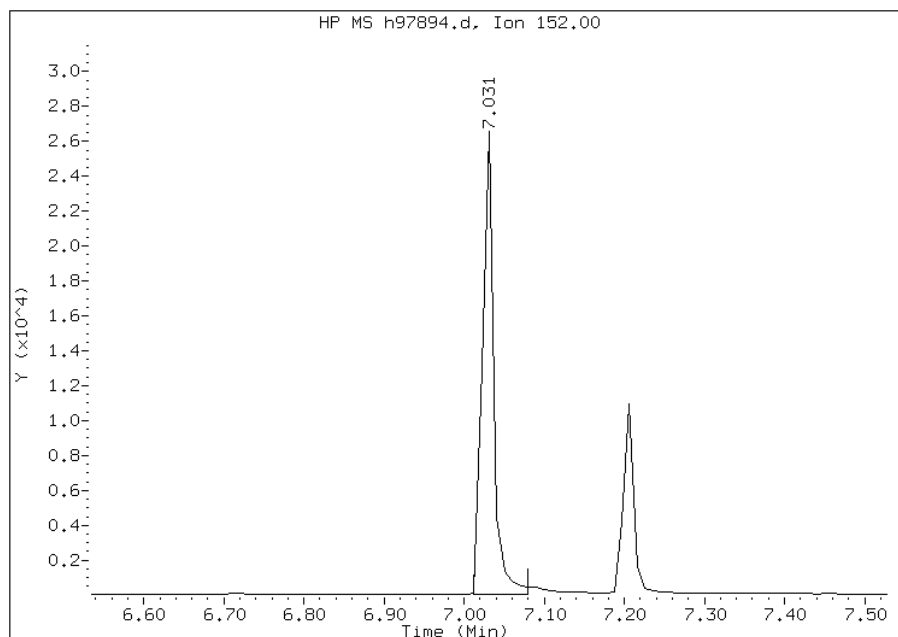
Processing Integration Results

RT: 7.03
Response: 28222
Amount: 0
Conc: 0



Manual Integration Results

RT: 7.03
Response: 27415
Amount: 0
Conc: 0



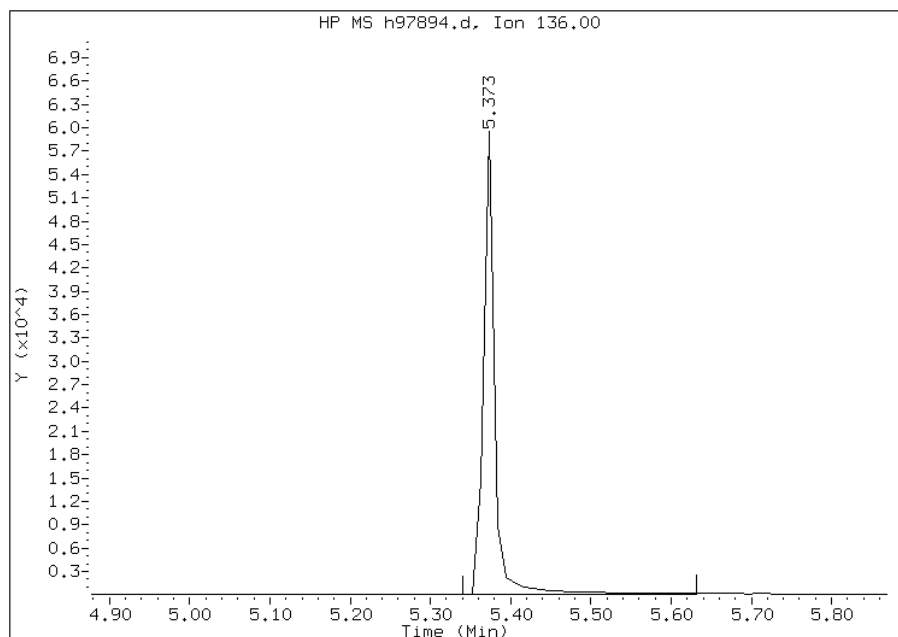
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97894.d
Inj. Date and Time: 01-NOV-2011 14:48
Instrument ID: BNAMS9.i
Client ID:
Compound: 80 Naphthalene-d8
CAS #: 1146-65-2
Report Date: 11/03/2011

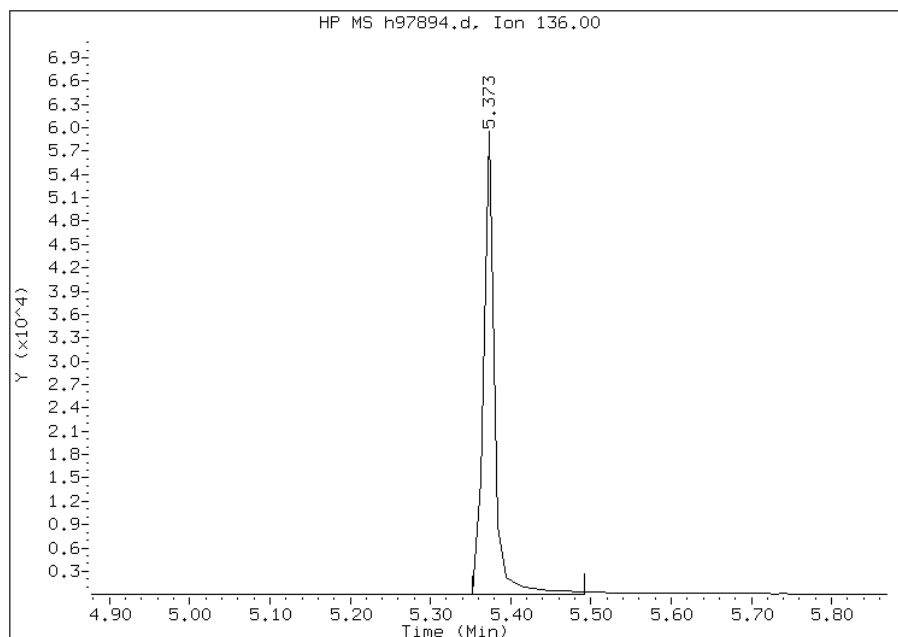
Processing Integration Results

RT: 5.37
Response: 59932
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.37
Response: 58683
Amount: 1
Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97896.d
 Report Date: 01-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97896.d
 Lab Smp Id: IC-1192600
 Inj Date : 01-NOV-2011 15:41
 Operator : BNAMS 4
 Smp Info : IC-1192600
 Misc Info :
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/simpah.m
 Meth Date : 01-Nov-2011 15:43 czhao
 Cal Date : 01-NOV-2011 15:41
 Als bottle: 7
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97896.d
 Calibration Sample, Level: 6
 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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
121 1,4-Dioxane		88	1.000	1.000	(0.254)	68355	5.00000	5.6(AM)
19 N-Nitrosodimethylamine		74	1.237	1.237	(0.314)	52074	5.00000	6.2(AM)
* 79 1,4-Dichlorobenzene-d4		152	3.941	3.941	(1.000)	17339	1.00000	
* 80 Naphthalene-d8		136	5.373	5.373	(1.000)	50715	1.00000	(M)
31 Naphthalene		128	5.384	5.384	(1.002)	125987	2.00000	1.9
39 Acenaphthylene		152	7.031	7.031	(0.980)	74348	2.00000	1.9
* 82 Acenaphthene-d10		164	7.177	7.177	(1.000)	19028	1.00000	
42 Acenaphthene		154	7.207	7.207	(1.004)	50300	2.00000	1.9
47 Fluorene		166	7.722	7.722	(1.076)	47263	2.00000	1.9
51 Hexachlorobenzene		284	8.268	8.268	(0.958)	47946	5.00000	5.0
14 Pentachlorophenol		266	8.472	8.472	(0.982)	18160	5.00000	7.0(AM)
* 83 Phenanthrene-d10		188	8.628	8.628	(1.000)	23116	1.00000	
52 Phenanthrene		178	8.647	8.647	(1.002)	70813	2.00000	2.0(A)
53 Anthracene		178	8.696	8.696	(1.008)	55167	2.00000	2.0(M)
56 Fluoranthene		202	9.803	9.803	(1.136)	55143	2.00000	2.2(AM)

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97896.d
 Report Date: 01-Nov-2011 15:43

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	10.020	10.020	(0.894)	62436	2.00000	1.7
61 Benzo(a)anthracene	228	11.200	11.200	(0.999)	40477	2.00000	1.9
* 81 Chrysene-d12	240	11.209	11.209	(1.000)	18674	1.00000	
62 Chrysene	228	11.233	11.233	(1.002)	62738	2.00000	1.9(M)
65 Benzo(b)fluoranthene	252	12.373	12.373	(0.965)	38233	2.00000	1.9
66 Benzo(k)fluoranthene	252	12.406	12.406	(0.967)	62104	2.00000	2.2(AM)
67 Benzo(a)pyrene	252	12.751	12.751	(0.994)	40102	2.00000	2.1(AM)
* 84 Perylene-d12	264	12.823	12.823	(1.000)	15790	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.117	14.117	(1.101)	31431	2.00000	2.1(A)
69 Dibenzo(a,h)anthracene	278	14.157	14.157	(1.104)	35767	2.00000	2.3(AM)
70 Benzo(g,h,i)perylene	276	14.430	14.430	(1.125)	48195	2.00000	2.3(A)

QC Flag Legend

- A - Target compound detected but, quantitated amount exceeded maximum amount.
- M - Compound response manually integrated.

Data File: h97896.d

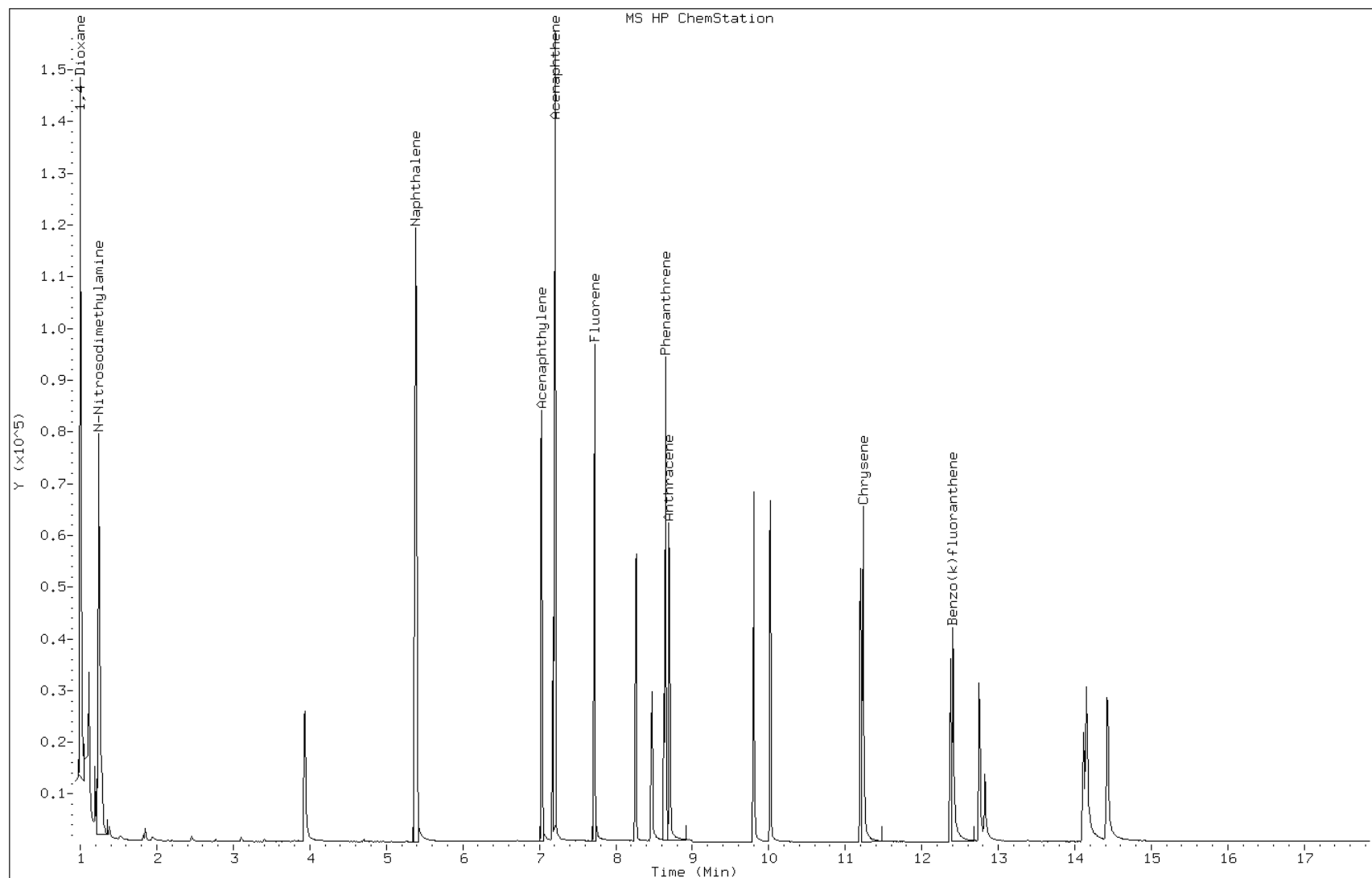
Date: 01-NOV-2011 15:41

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1192600

Operator: BNAMS 4

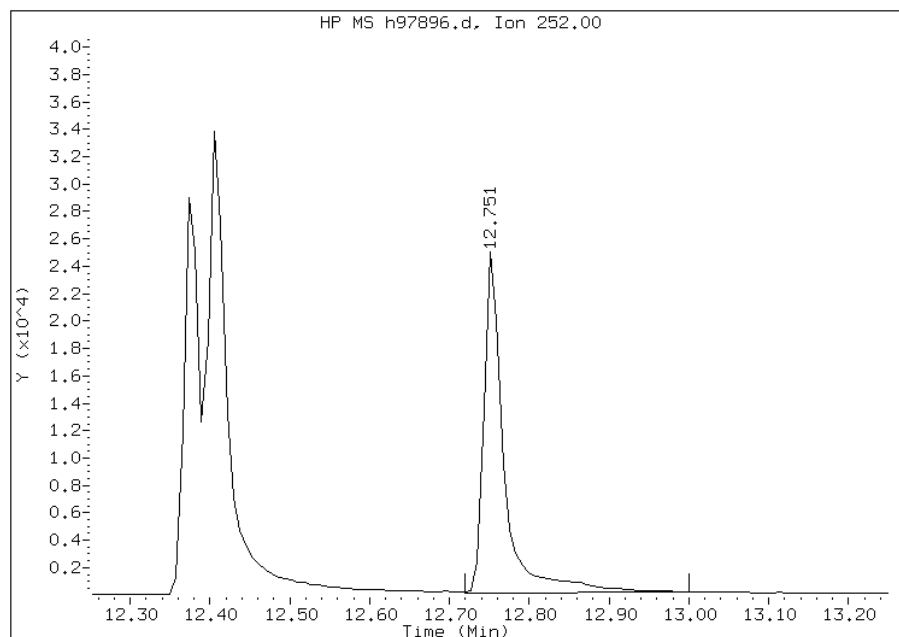


Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 67 Benzo(a)pyrene
CAS #: 50-32-8
Report Date: 11/03/2011

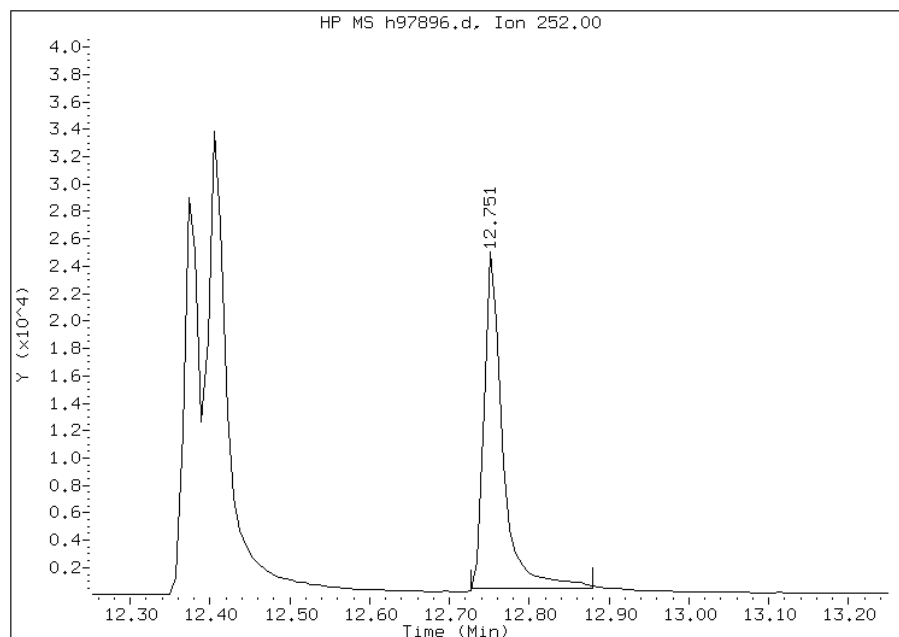
Processing Integration Results

RT: 12.75
Response: 44094
Amount: 2
Conc: 2



Manual Integration Results

RT: 12.75
Response: 40102
Amount: 2
Conc: 2



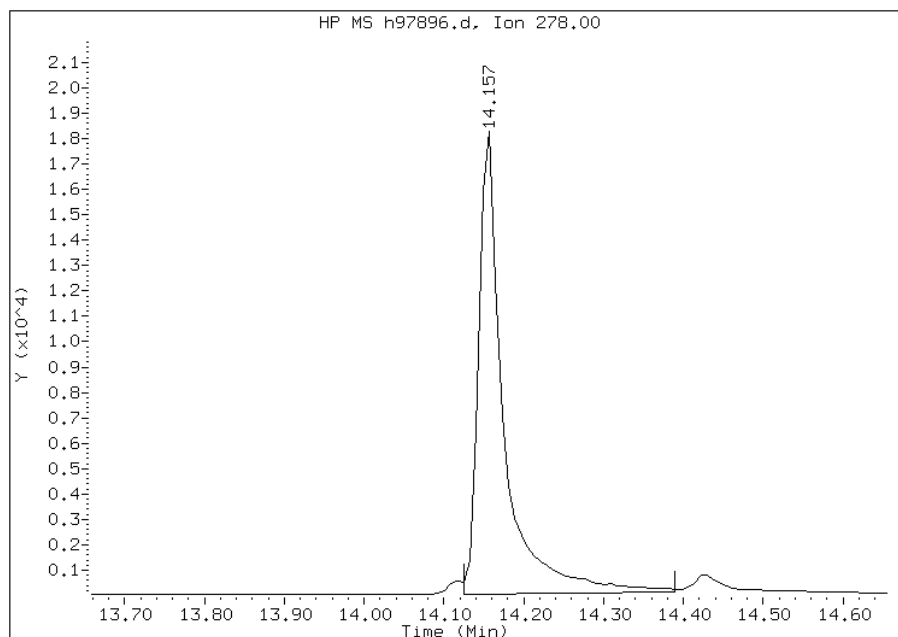
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 69 Dibenz(a,h)anthracene
CAS #: 53-70-3
Report Date: 11/03/2011

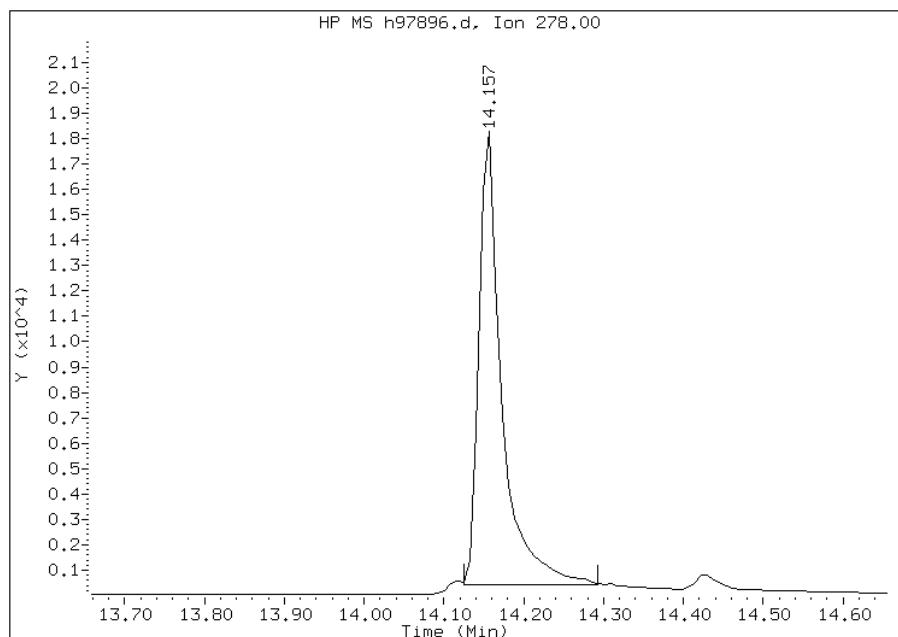
Processing Integration Results

RT: 14.16
Response: 40413
Amount: 2
Conc: 2



Manual Integration Results

RT: 14.16
Response: 35767
Amount: 2
Conc: 2



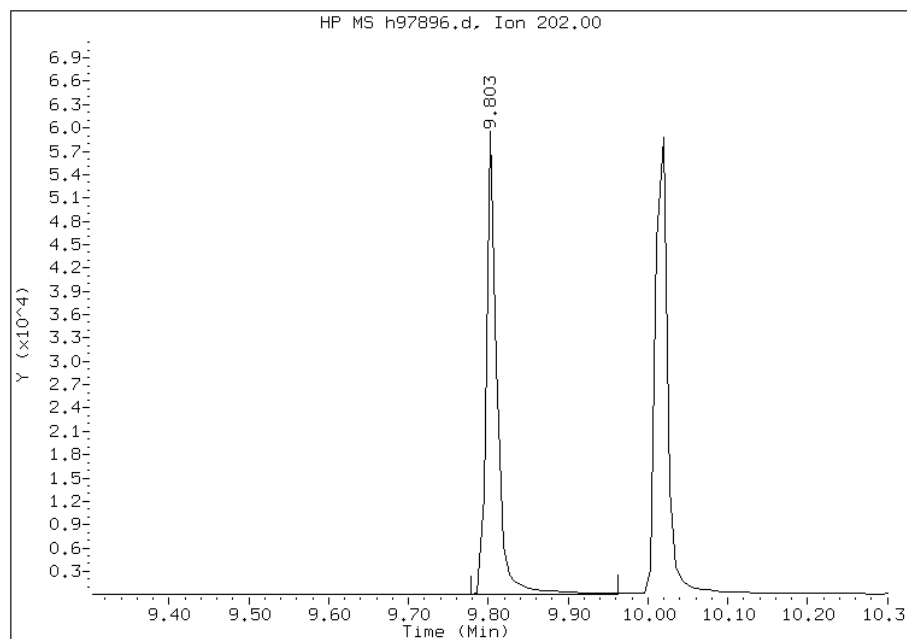
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 56 Fluoranthene
CAS #: 206-44-0
Report Date: 11/03/2011

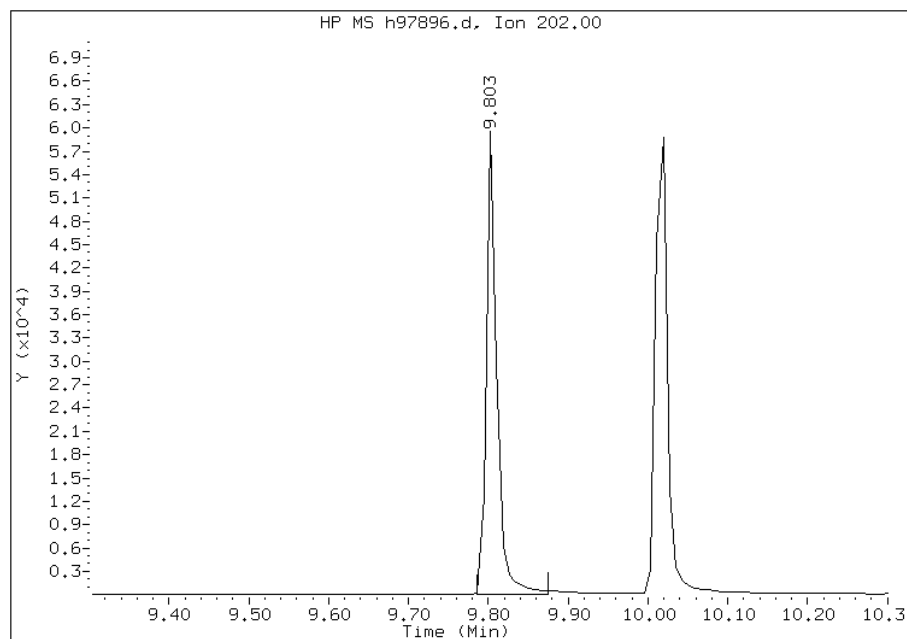
Processing Integration Results

RT: 9.80
Response: 56461
Amount: 2
Conc: 2



Manual Integration Results

RT: 9.80
Response: 55143
Amount: 2
Conc: 2



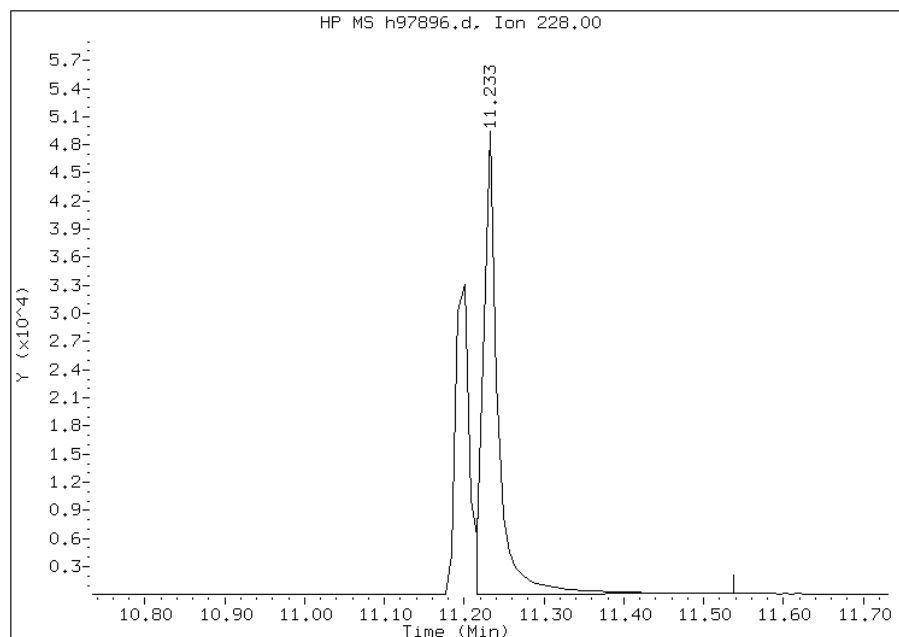
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 62 Chrysene
CAS #: 218-01-9
Report Date: 11/03/2011

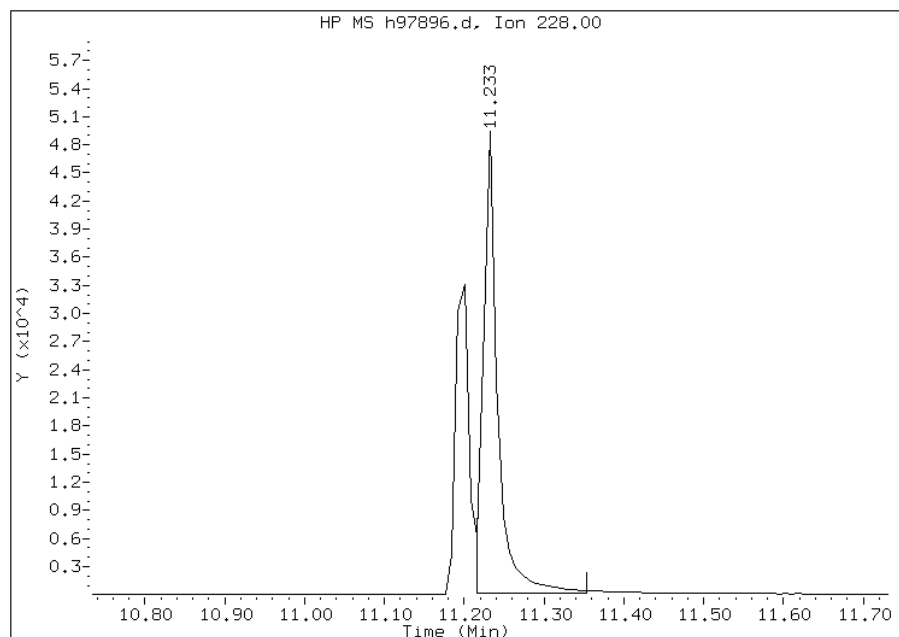
Processing Integration Results

RT: 11.23
Response: 64988
Amount: 2
Conc: 2



Manual Integration Results

RT: 11.23
Response: 62738
Amount: 2
Conc: 2



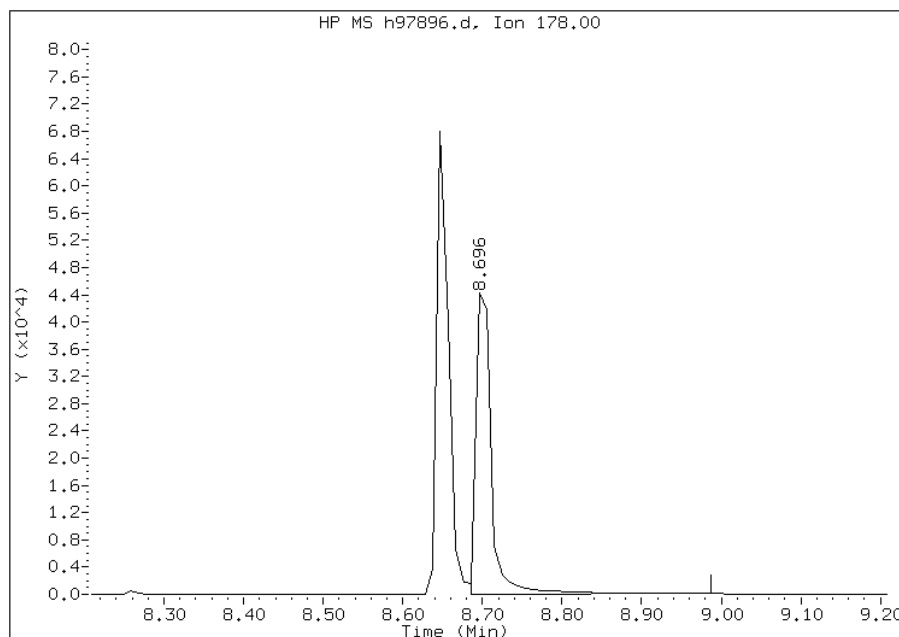
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 53 Anthracene
CAS #: 120-12-7
Report Date: 11/03/2011

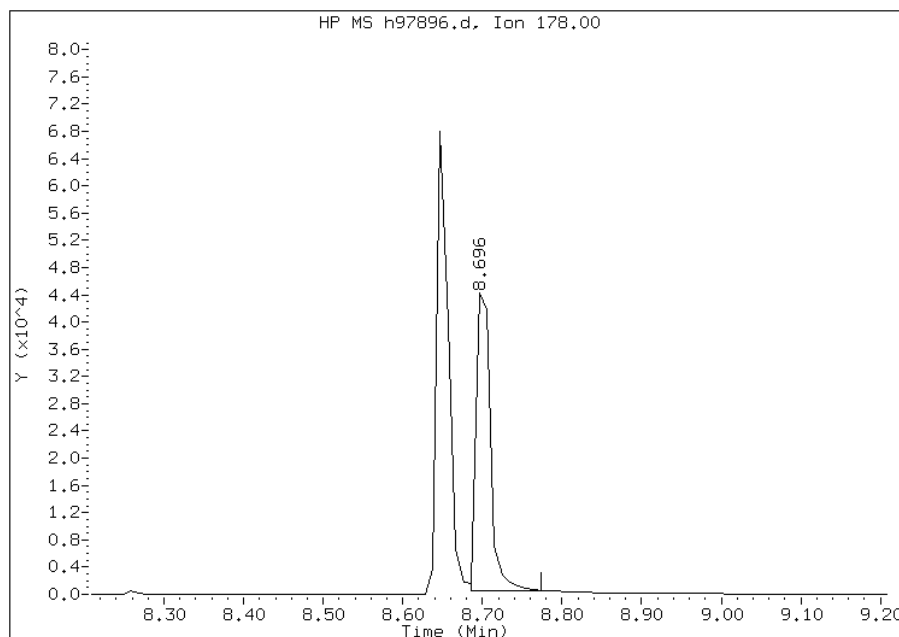
Processing Integration Results

RT: 8.70
Response: 61235
Amount: 2
Conc: 2



Manual Integration Results

RT: 8.70
Response: 55167
Amount: 2
Conc: 2



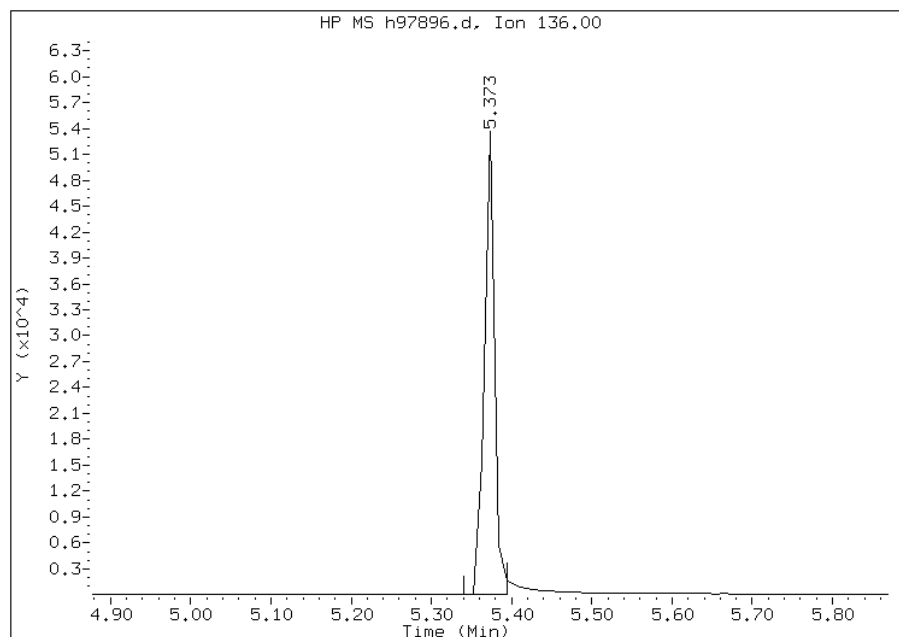
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 80 Naphthalene-d8
CAS #: 1146-65-2
Report Date: 11/03/2011

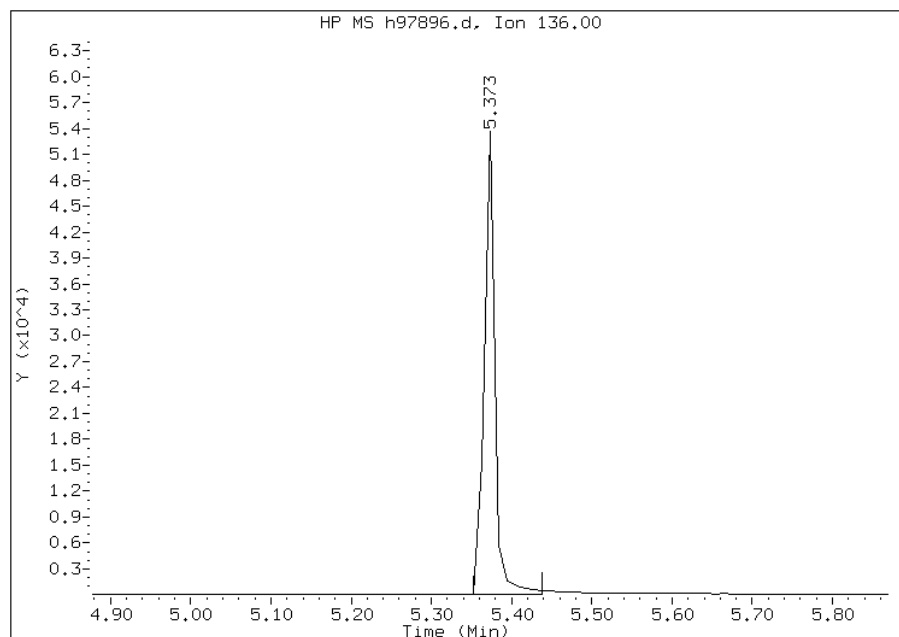
Processing Integration Results

RT: 5.37
Response: 49226
Amount: 1
Conc: 1



Manual Integration Results

RT: 5.37
Response: 50715
Amount: 1
Conc: 1



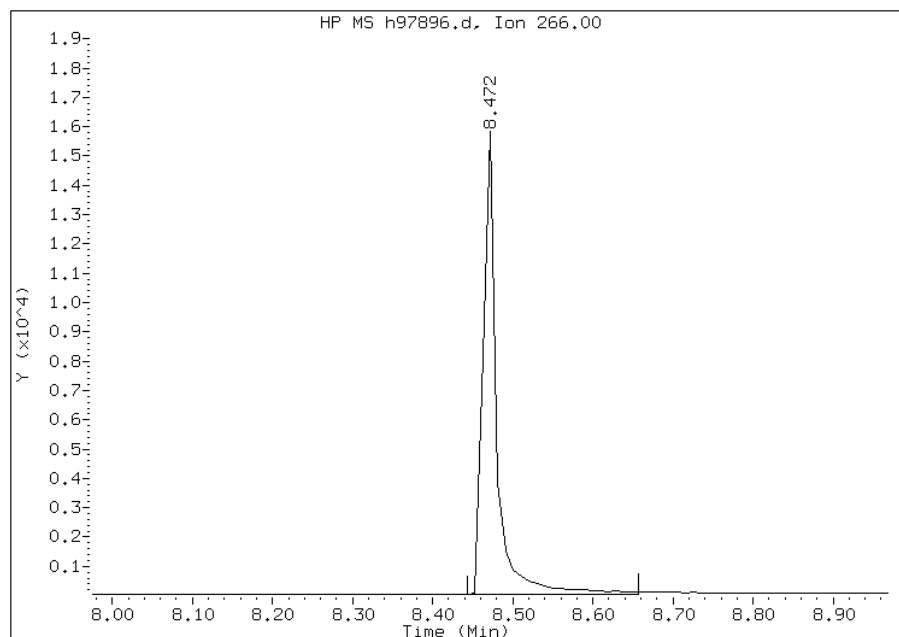
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 11/03/2011

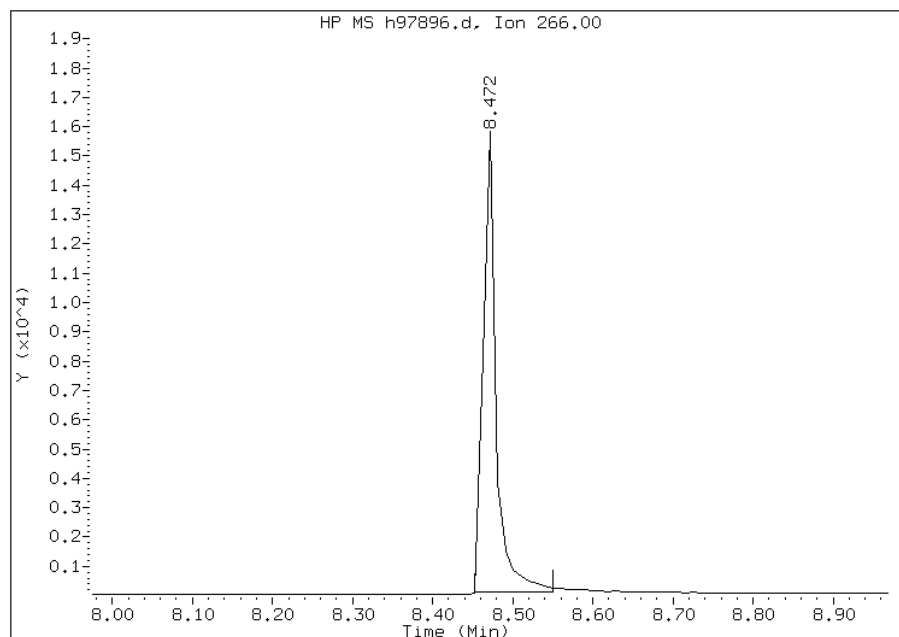
Processing Integration Results

RT: 8.47
Response: 19406
Amount: 8
Conc: 8



Manual Integration Results

RT: 8.47
Response: 18160
Amount: 7
Conc: 7



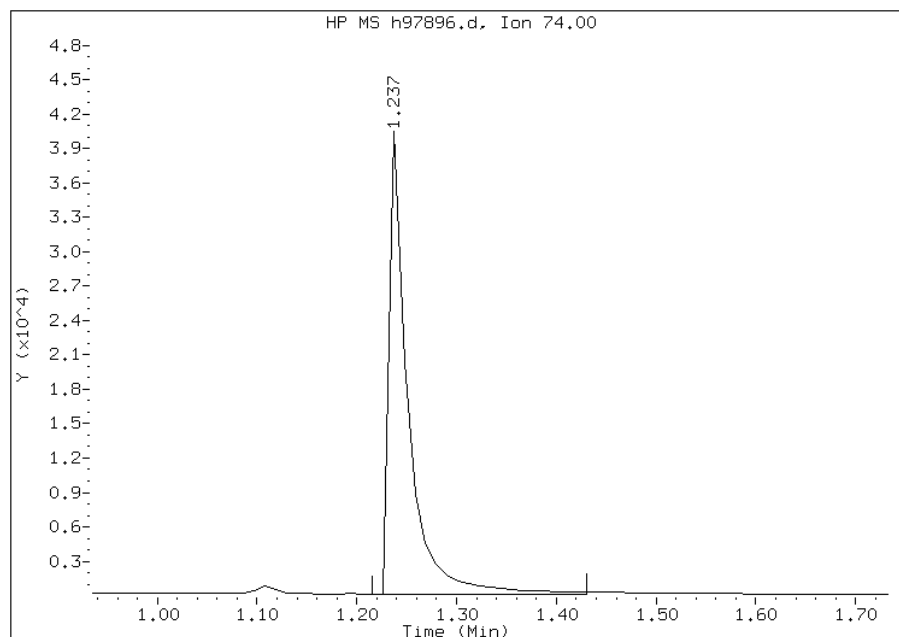
Manually Integrated By: wahied
Manual Integration Reason:

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 123-91-1
Report Date: 11/03/2011

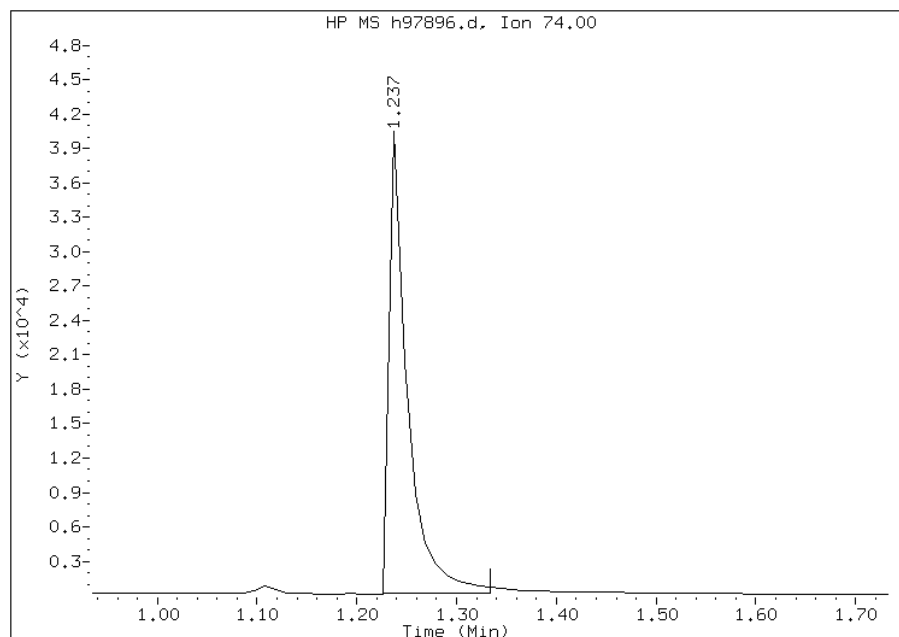
Processing Integration Results

RT: 1.24
Response: 54215
Amount: 7
Conc: 7



Manual Integration Results

RT: 1.24
Response: 52074
Amount: 6
Conc: 6



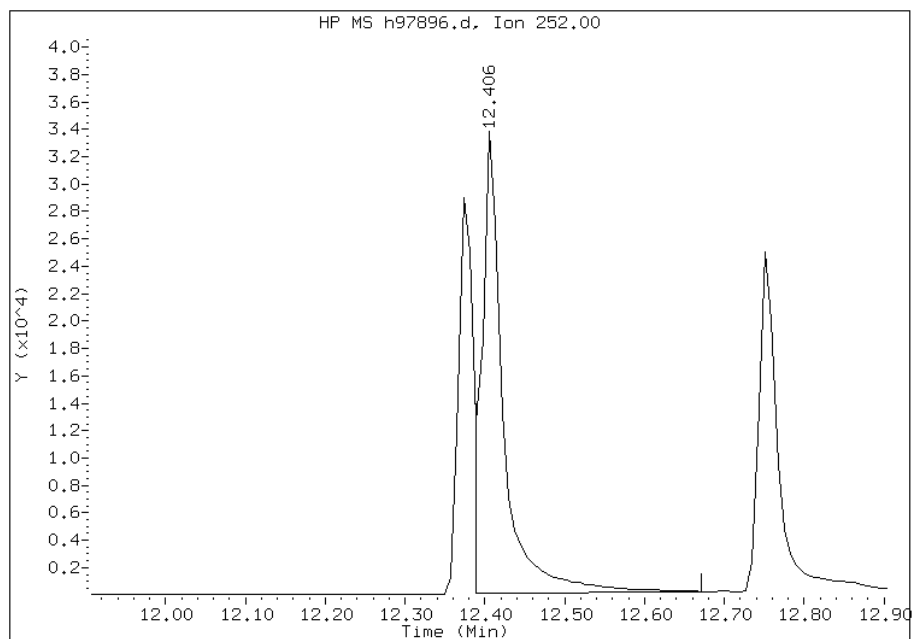
Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97896.d
Inj. Date and Time: 01-NOV-2011 15:41
Instrument ID: BNAMS9.i
Client ID:
Compound: 66 Benzo(k)fluoranthene
CAS #: 207-08-9
Report Date: 11/03/2011

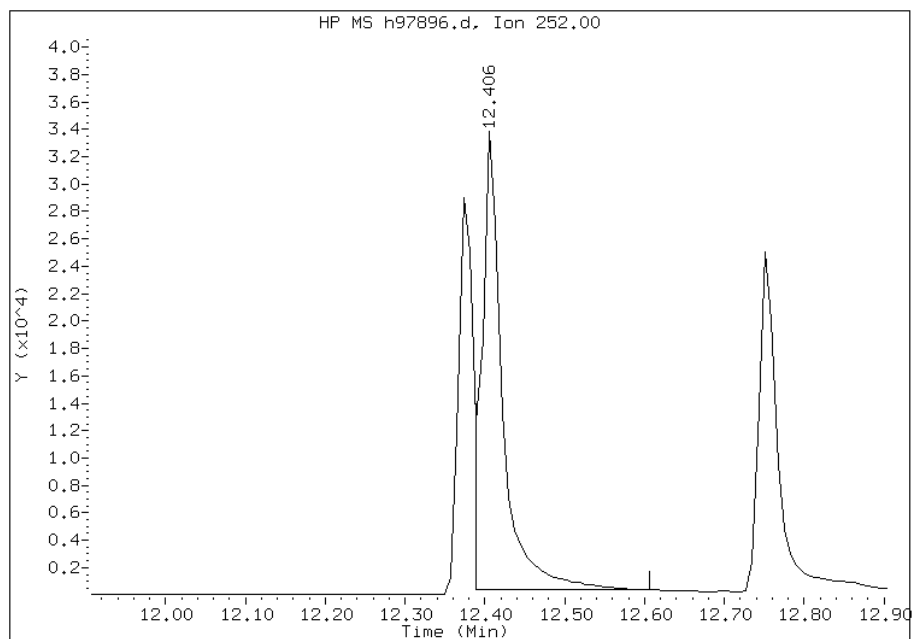
Processing Integration Results

RT: 12.41
Response: 65890
Amount: 2
Conc: 2



Manual Integration Results

RT: 12.41
Response: 62104
Amount: 2
Conc: 2



Manually Integrated By: wahied
Manual Integration Reason:

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97897.d
Report Date: 01-Nov-2011 15:43

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97897.d
Lab Smp Id: IC-1192599
Inj Date : 01-NOV-2011 16:07
Operator : BNAMS 4
Smp Info : IC-1192599
Misc Info :
Comment :
Method : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/simpah.m
Meth Date : 01-Nov-2011 15:43 czhao
Cal Date : 01-NOV-2011 16:07
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1

Inst ID: BNAMS9.i
Quant Type: ISTD
Cal File: h97897.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)
=====	=====	==	=====	=====	=====	=====	=====	
121 1,4-Dioxane	88	1.000	1.000	(0.254)	27332	2.00000	2.0(M)	
19 N-Nitrosodimethylamine	74	1.237	1.237	(0.314)	21722	2.00000	2.3(M)	
* 79 1,4-Dichlorobenzene-d4	152	3.940	3.940	(1.000)	19067	1.00000		
* 80 Naphthalene-d8	136	5.373	5.373	(1.000)	57014	1.00000		
31 Naphthalene	128	5.395	5.395	(1.004)	75693	1.00000	1.0	
39 Acenaphthylene	152	7.031	7.031	(0.980)	44785	1.00000	0.92	
* 82 Acenaphthene-d10	164	7.177	7.177	(1.000)	24337	1.00000		
42 Acenaphthene	154	7.206	7.206	(1.004)	31253	1.00000	0.95	
47 Fluorene	166	7.722	7.722	(1.076)	31141	1.00000	0.99	
51 Hexachlorobenzene	284	8.267	8.267	(0.958)	25404	2.00000	2.0	
14 Pentachlorophenol	266	8.472	8.472	(0.982)	7620	2.00000	2.2	
* 83 Phenanthrene-d10	188	8.627	8.627	(1.000)	30053	1.00000		
52 Phenanthrene	178	8.647	8.647	(1.002)	43624	1.00000	0.97	
53 Anthracene	178	8.705	8.705	(1.009)	36998	1.00000	1.0	
56 Fluoranthene	202	9.802	9.802	(1.136)	33337	1.00000	1.0	

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97897.d
 Report Date: 01-Nov-2011 15:43

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	10.019	10.019	(1.000)	35871	1.00000	1.1
61 Benzo(a)anthracene	228	11.200	11.200	(1.000)	17364	1.00000	0.94
* 81 Chrysene-d12	240	11.208	11.208	(1.000)	16559	1.00000	(M)
62 Chrysene	228	11.232	11.232	(1.000)	28273	1.00000	0.98
65 Benzo(b)fluoranthene	252	12.373	12.373	(0.965)	12405	1.00000	1.0
66 Benzo(k)fluoranthene	252	12.405	12.405	(0.967)	20674	1.00000	1.2
67 Benzo(a)pyrene	252	12.751	12.751	(0.994)	12247	1.00000	1.0
* 84 Perylene-d12	264	12.823	12.823	(1.000)	9522	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	14.116	14.116	(1.101)	8312	1.00000	0.94
69 Dibenzo(a,h)anthracene	278	14.157	14.157	(1.104)	9732	1.00000	1.0
70 Benzo(g,h,i)perylene	276	14.430	14.430	(1.125)	12086	1.00000	0.95

QC Flag Legend

M - Compound response manually integrated.

Data File: h97897.d

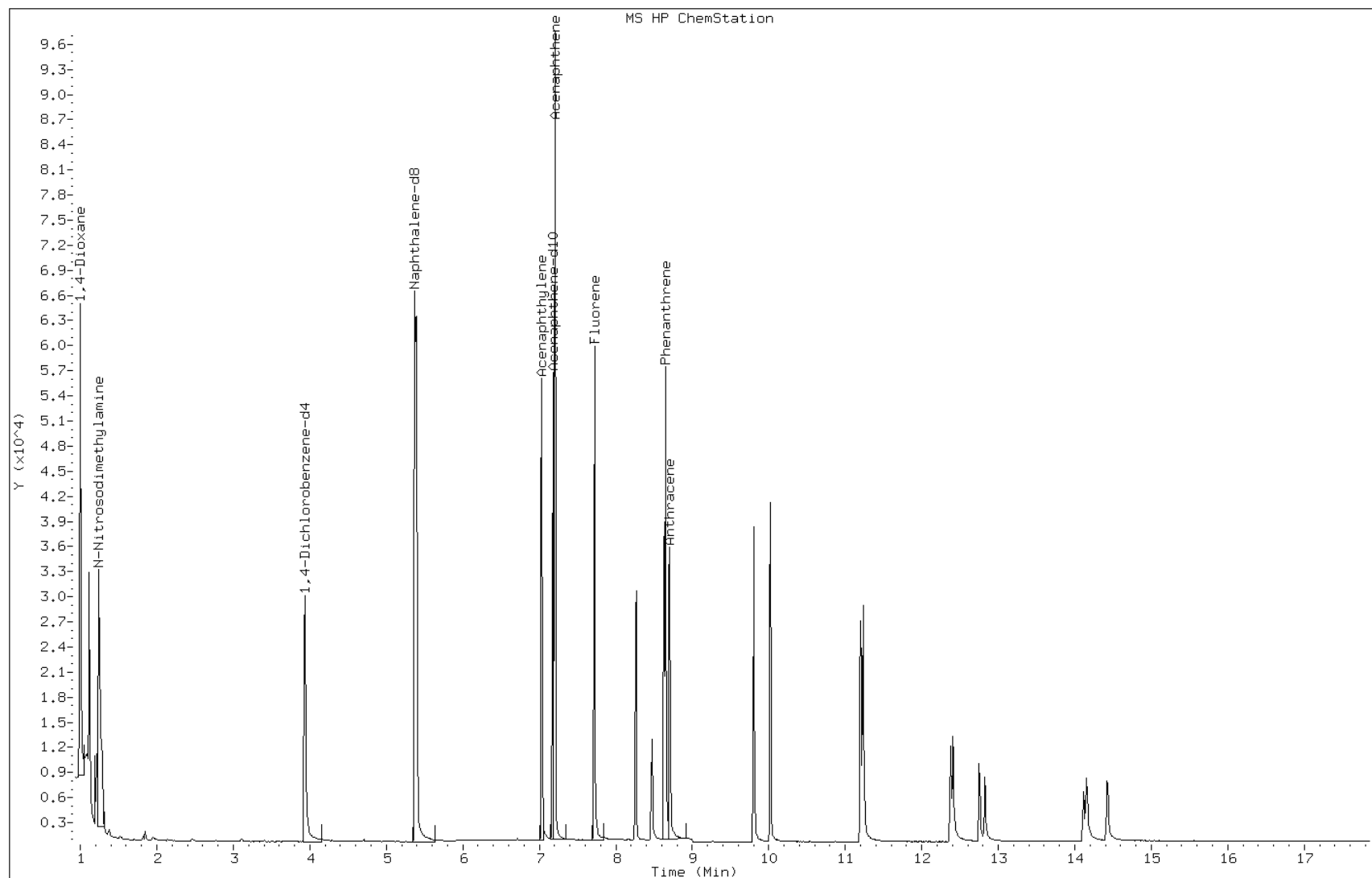
Date: 01-NOV-2011 16:07

Client ID:

Instrument: BNAMS9.i

Sample Info: IC-1192599

Operator: BNAMS 4



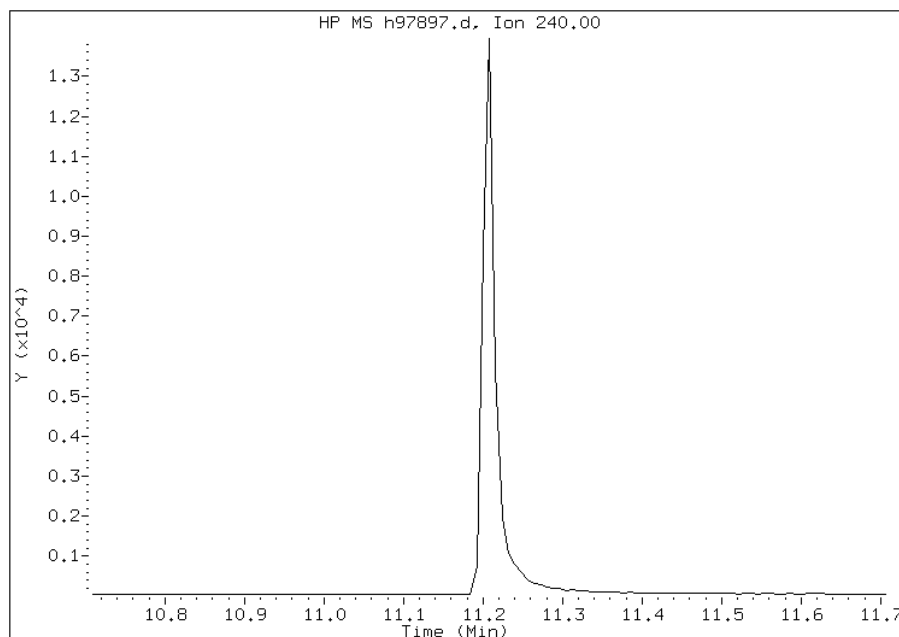
Manual Integration Report

Data File: h97897.d
Inj. Date and Time: 01-NOV-2011 16:07
Instrument ID: BNAMS9.i
Client ID:
Compound: 81 Chrysene-d12
CAS #: 1719-03-5
Report Date: 11/03/2011

Processing Integration Results

Not Detected

Expected RT: 11.21



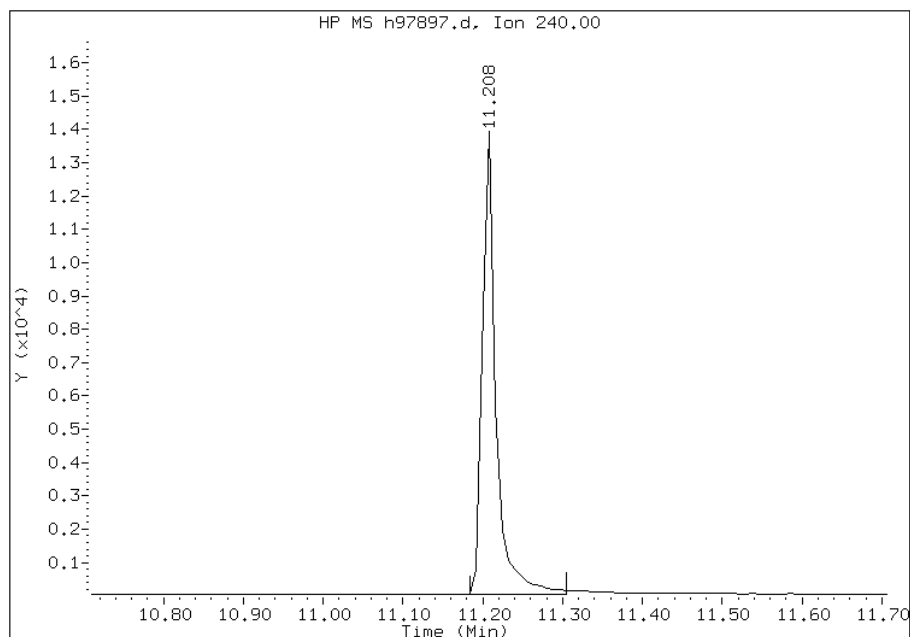
Manual Integration Results

RT: 11.21

Response: 16559

Amount: 1

Conc: 1



Manually Integrated By: wahied

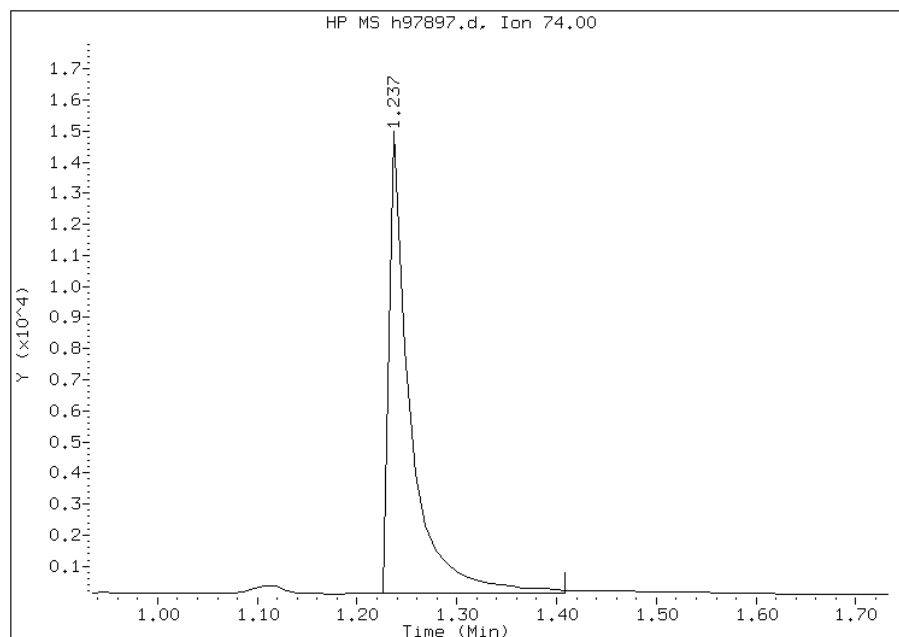
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

Manual Integration Report

Data File: h97897.d
Inj. Date and Time: 01-NOV-2011 16:07
Instrument ID: BNAMS9.i
Client ID:
Compound: 19 N-Nitrosodimethylamine
CAS #: 123-91-1
Report Date: 11/03/2011

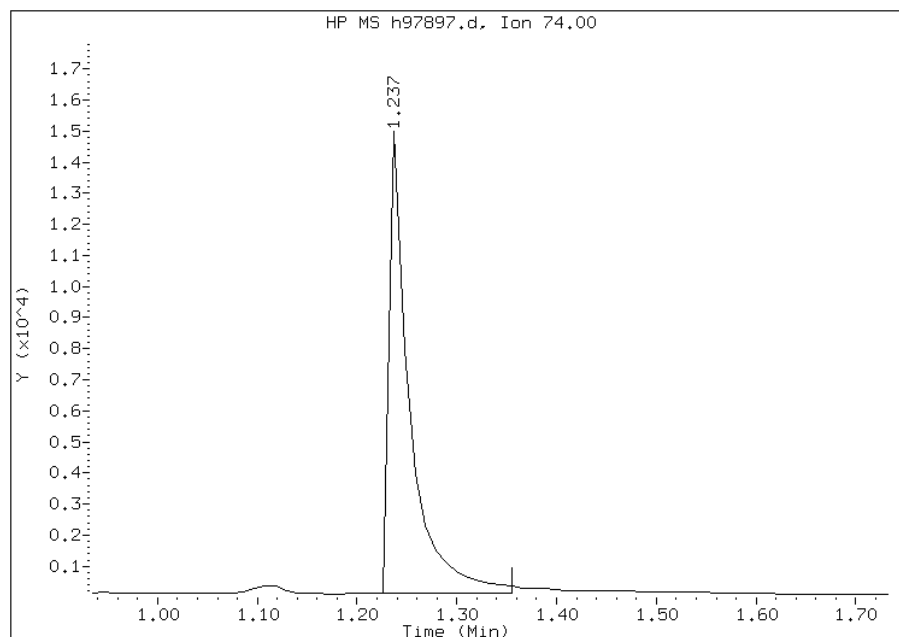
Processing Integration Results

RT: 1.24
Response: 22152
Amount: 2
Conc: 2



Manual Integration Results

RT: 1.24
Response: 21722
Amount: 2
Conc: 2



Manually Integrated By: wahied
Manual Integration Reason:

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-92907/2 Calibration Date: 11/11/2011 10:53
 Instrument ID: BNAMS9 Calib Start Date: 11/01/2011 13:09
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/01/2011 16:07
 Lab File ID: h98132.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	QuaF	0.5002	0.5646		518	500	3.6	20.0
Naphthalene	Ave	1.289	1.329		103	100	3.1	20.0
Acenaphthylene	Ave	2.003	2.150		107	100	7.3	20.0
Acenaphthene	Ave	1.353	1.397		103	100	3.2	20.0
Fluorene	Ave	1.295	1.303		101	100	0.6	20.0
Hexachlorobenzene	Ave	0.4168	0.4176		100	100	0.2	20.0
Pentachlorophenol	QuaF	0.1149	0.1378		593	500	18.5	20.0
Phenanthrene	Ave	1.494	1.460		97.7	100	-2.3	20.0
Anthracene	Ave	1.210	1.287		106	100	6.4	20.0
Fluoranthene	Ave	1.072	1.166		109	100	8.7	20.0
Pyrene	Ave	2.004	1.825		91.1	100	-8.9	20.0
Benzo[a]anthracene	Ave	1.115	1.160		104	100	4.0	20.0
Chrysene	Ave	1.748	1.677		96.0	100	-4.0	20.0
Benzo[b]fluoranthene	Ave	1.253	1.364		109	100	8.9	20.0
Benzo[k]fluoranthene	Ave	1.879	1.738		92.5	100	-7.5	20.0
Benzo[a]pyrene	Ave	1.218	1.158		95.1	100	-4.9	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9332	1.047		112	100	12.2	20.0
Dibenz(a,h)anthracene	Ave	0.9922	1.025		103	100	3.3	20.0
Benzo[g,h,i]perylene	Ave	1.336	1.282		96.0	100	-4.0	20.0

Data File: /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98132.d
 Report Date: 11-Nov-2011 11:22

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98132.d
 Lab Smp Id: CCVIS-1192596
 Inj Date : 11-NOV-2011 10:53
 Operator : BNAMS 4
 Smp Info : CCVIS-1192596
 Misc Info : bna 4597
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/simpah.m
 Meth Date : 11-Nov-2011 11:22 czhao
 Cal Date : 01-NOV-2011 16:07
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97897.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)
=====	=====	==	=====	=====	=====	=====	=====	
121 1,4-Dioxane	88	0.954	0.954	(0.250)	5880	0.50000	0.42(M)	
19 N-Nitrosodimethylamine	74	1.180	1.180	(0.309)	5633	0.50000	0.52	
* 79 1,4-Dichlorobenzene-d4	152	3.820	3.820	(1.000)	19954	1.00000	(M)	
* 80 Naphthalene-d8	136	5.274	5.274	(1.000)	62731	1.00000	(M)	
31 Naphthalene	128	5.285	5.285	(1.002)	8336	0.10000	0.10	
39 Acenaphthylene	152	6.934	6.934	(0.979)	5507	0.10000	0.11	
* 82 Acenaphthene-d10	164	7.080	7.080	(1.000)	25619	1.00000		
42 Acenaphthene	154	7.109	7.109	(1.004)	3579	0.10000	0.10	
47 Fluorene	166	7.625	7.625	(1.077)	3338	0.10000	0.10	
51 Hexachlorobenzene	284	8.161	8.161	(0.957)	1342	0.10000	0.10	
14 Pentachlorophenol	266	8.376	8.376	(0.982)	2214	0.50000	0.59(M)	
* 83 Phenanthrene-d10	188	8.532	8.532	(1.000)	32137	1.00000	(M)	
52 Phenanthrene	178	8.551	8.551	(1.002)	4692	0.10000	0.098	
53 Anthracene	178	8.600	8.600	(1.008)	4136	0.10000	0.11	
56 Fluoranthene	202	9.708	9.708	(1.138)	3746	0.10000	0.11	

Data File: /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98132.d
 Report Date: 11-Nov-2011 11:22

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	9.917	9.917	(1.000)	3910	0.10000	0.091
61 Benzo(a)anthracene	228	11.091	11.091	(1.000)	2484	0.10000	0.10
* 81 Chrysene-d12	240	11.099	11.099	(1.000)	21421	1.00000	(M)
62 Chrysene	228	11.123	11.123	(1.000)	3593	0.10000	0.096
65 Benzo(b)fluoranthene	252	12.249	12.249	(0.966)	2431	0.10000	0.11
66 Benzo(k)fluoranthene	252	12.281	12.281	(0.968)	3096	0.10000	0.092
67 Benzo(a)pyrene	252	12.619	12.619	(0.995)	2064	0.10000	0.095
* 84 Perylene-d12	264	12.683	12.683	(1.000)	17817	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	13.962	13.962	(1.101)	1865	0.10000	0.11
69 Dibenzo(a,h)anthracene	278	14.002	14.002	(1.104)	1827	0.10000	0.10
70 Benzo(g,h,i)perylene	276	14.267	14.267	(1.125)	2284	0.10000	0.096

QC Flag Legend

M - Compound response manually integrated.

Data File: h98132.d

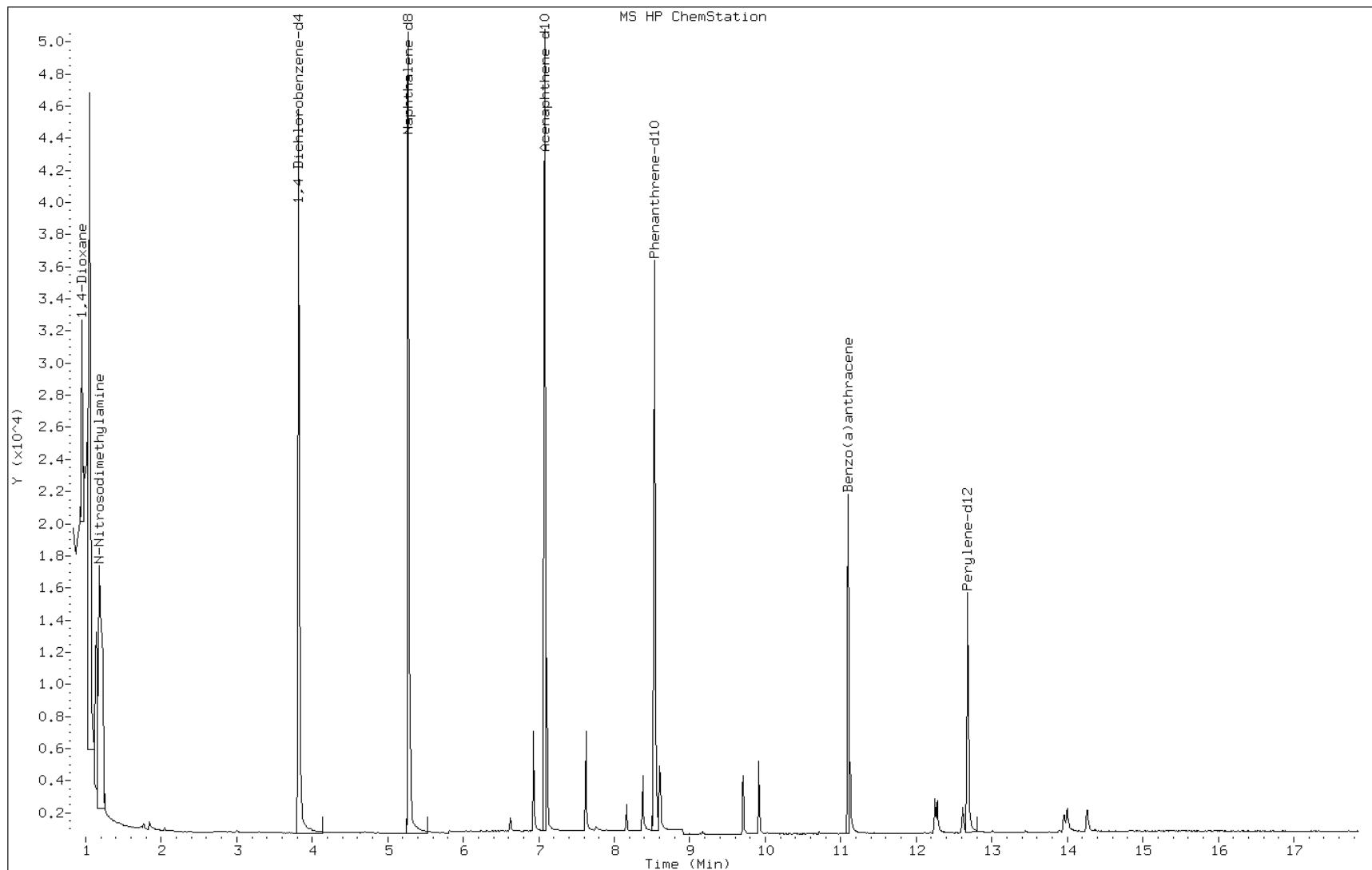
Date: 11-NOV-2011 10:53

Client ID:

Instrument: BNAMS9.i

Sample Info: CCVIS-1192596

Operator: BNAMS 4

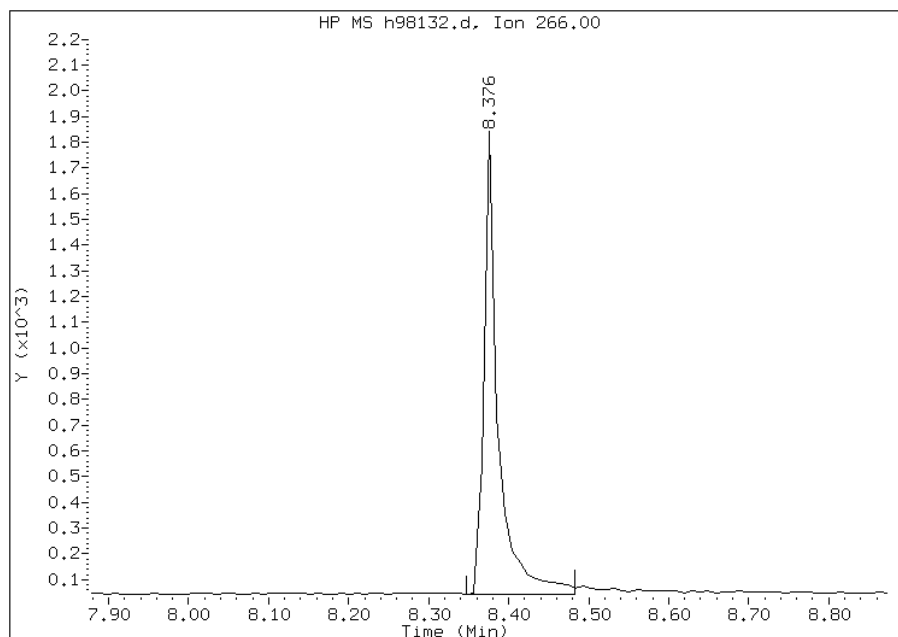


Manual Integration Report

Data File: h98132.d
Inj. Date and Time: 11-NOV-2011 10:53
Instrument ID: BNAMS9.i
Client ID:
Compound: 14 Pentachlorophenol
CAS #: 87-86-5
Report Date: 11/14/2011

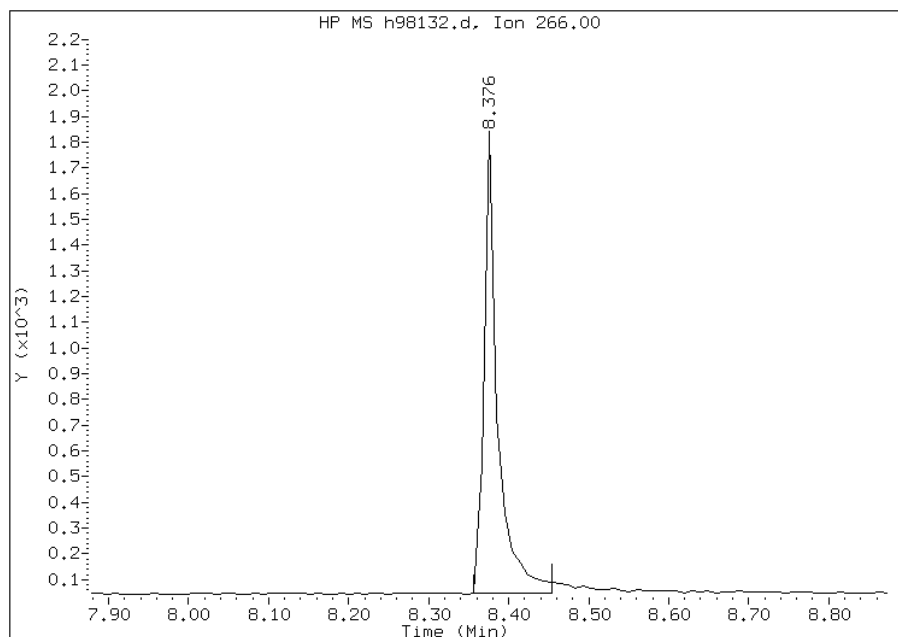
Processing Integration Results

RT: 8.38
Response: 2282
Amount: 1
Conc: 1



Manual Integration Results

RT: 8.38
Response: 2214
Amount: 1
Conc: 1



Manually Integrated By: wahied
Manual Integration Reason: Target Peak Misintegrated (extraneous area removed)

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVIS 460-92908/2 Calibration Date: 11/13/2011 15:49
 Instrument ID: BNAMS9 Calib Start Date: 11/01/2011 13:09
 GC Column: Rtx-5MS ID: 0.25 (mm) Calib End Date: 11/01/2011 16:07
 Lab File ID: h98190.d Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	QuaF	0.5002	0.5008		460	500	-8.0	20.0
Naphthalene	Ave	1.289	1.291		100	100	0.2	20.0
Acenaphthylene	Ave	2.003	2.122		106	100	6.0	20.0
Acenaphthene	Ave	1.353	1.352		99.9	100	-0.1	20.0
Fluorene	Ave	1.295	1.340		103	100	3.4	20.0
Hexachlorobenzene	Ave	0.4168	0.4333		104	100	3.9	20.0
Pentachlorophenol	QuaF	0.1149	0.1315		566	500	13.2	20.0
Phenanthrene	Ave	1.494	1.468		98.2	100	-1.8	20.0
Anthracene	Ave	1.210	1.297		107	100	7.2	20.0
Fluoranthene	Ave	1.072	1.100		103	100	2.6	20.0
Pyrene	Ave	2.004	2.160		108	100	7.8	20.0
Benzo[a]anthracene	Ave	1.115	1.208		108	100	8.3	20.0
Chrysene	Ave	1.748	1.733		99.1	100	-0.9	20.0
Benzo[b]fluoranthene	Ave	1.253	1.257		100	100	0.4	20.0
Benzo[k]fluoranthene	Ave	1.879	1.821		96.9	100	-3.1	20.0
Benzo[a]pyrene	Ave	1.218	1.170		96.0	100	-4.0	20.0
Indeno[1,2,3-cd]pyrene	Ave	0.9332	0.8970		96.1	100	-3.9	20.0
Dibenz(a,h)anthracene	Ave	0.9922	0.8275		83.4	100	-16.6	20.0
Benzo[g,h,i]perylene	Ave	1.336	1.146		85.8	100	-14.2	20.0

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98190.d
 Report Date: 13-Nov-2011 16:21

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98190.d
 Lab Smp Id: CCVIS-1192596
 Inj Date : 13-NOV-2011 15:49
 Operator : BNAMS 4
 Smp Info : CCVIS-1192596
 Misc Info : bna 4597
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/simpah.m
 Meth Date : 13-Nov-2011 16:21 czhao
 Cal Date : 01-NOV-2011 16:07
 Als bottle: 2
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97897.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)
=====	=====	=====	=====	=====	=====	=====	=====	=====
121 1,4-Dioxane	88	0.954	0.954 (0.250)	5315	0.50000	0.49(M)		
19 N-Nitrosodimethylamine	74	1.191	1.191 (0.313)	3862	0.50000	0.46		
* 79 1,4-Dichlorobenzene-d4	152	3.809	3.809 (1.000)	15424	1.00000	(M)		
* 80 Naphthalene-d8	136	5.253	5.253 (1.000)	50457	1.00000			
31 Naphthalene	128	5.274	5.274 (1.004)	6515	0.10000	0.10		
39 Acenaphthylene	152	6.914	6.914 (0.979)	4559	0.10000	0.10		
* 82 Acenaphthene-d10	164	7.060	7.060 (1.000)	21482	1.00000			
42 Acenaphthene	154	7.090	7.090 (1.004)	2904	0.10000	0.100		
47 Fluorene	166	7.606	7.606 (1.077)	2878	0.10000	0.10		
51 Hexachlorobenzene	284	8.152	8.152 (0.958)	1097	0.10000	0.10		
14 Pentachlorophenol	266	8.366	8.366 (0.983)	1665	0.50000	0.57		
* 83 Phenanthrene-d10	188	8.512	8.512 (1.000)	25319	1.00000			
52 Phenanthrene	178	8.541	8.541 (1.003)	3716	0.10000	0.098		
53 Anthracene	178	8.590	8.590 (1.009)	3283	0.10000	0.11		
56 Fluoranthene	202	9.692	9.692 (1.139)	2786	0.10000	0.10		

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98190.d
 Report Date: 13-Nov-2011 16:21

Compounds	QUANT SIG					AMOUNTS	
	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ug/ml)	ON-COL (ug/ml)
=====	====	==	=====	=====	=====	=====	=====
57 Pyrene	202	9.901	9.901	(1.000)	2889	0.10000	0.11
61 Benzo(a)anthracene	228	11.075	11.075	(1.000)	1616	0.10000	0.11
* 81 Chrysene-d12	240	11.083	11.083	(1.000)	13376	1.00000	(M)
62 Chrysene	228	11.107	11.107	(1.000)	2318	0.10000	0.099
65 Benzo(b)fluoranthene	252	12.225	12.225	(0.966)	1194	0.10000	0.10
66 Benzo(k)fluoranthene	252	12.257	12.257	(0.968)	1730	0.10000	0.097
67 Benzo(a)pyrene	252	12.595	12.595	(0.995)	1111	0.10000	0.096
* 84 Perylene-d12	264	12.659	12.659	(1.000)	9498	1.00000	
68 Indeno(1,2,3-cd)pyrene	276	13.938	13.938	(1.101)	852	0.10000	0.096
69 Dibenz(a,h)anthracene	278	13.978	13.978	(1.104)	786	0.10000	0.083
70 Benzo(g,h,i)perylene	276	14.243	14.243	(1.125)	1088	0.10000	0.086

QC Flag Legend

M - Compound response manually integrated.

Data File: h98190.d

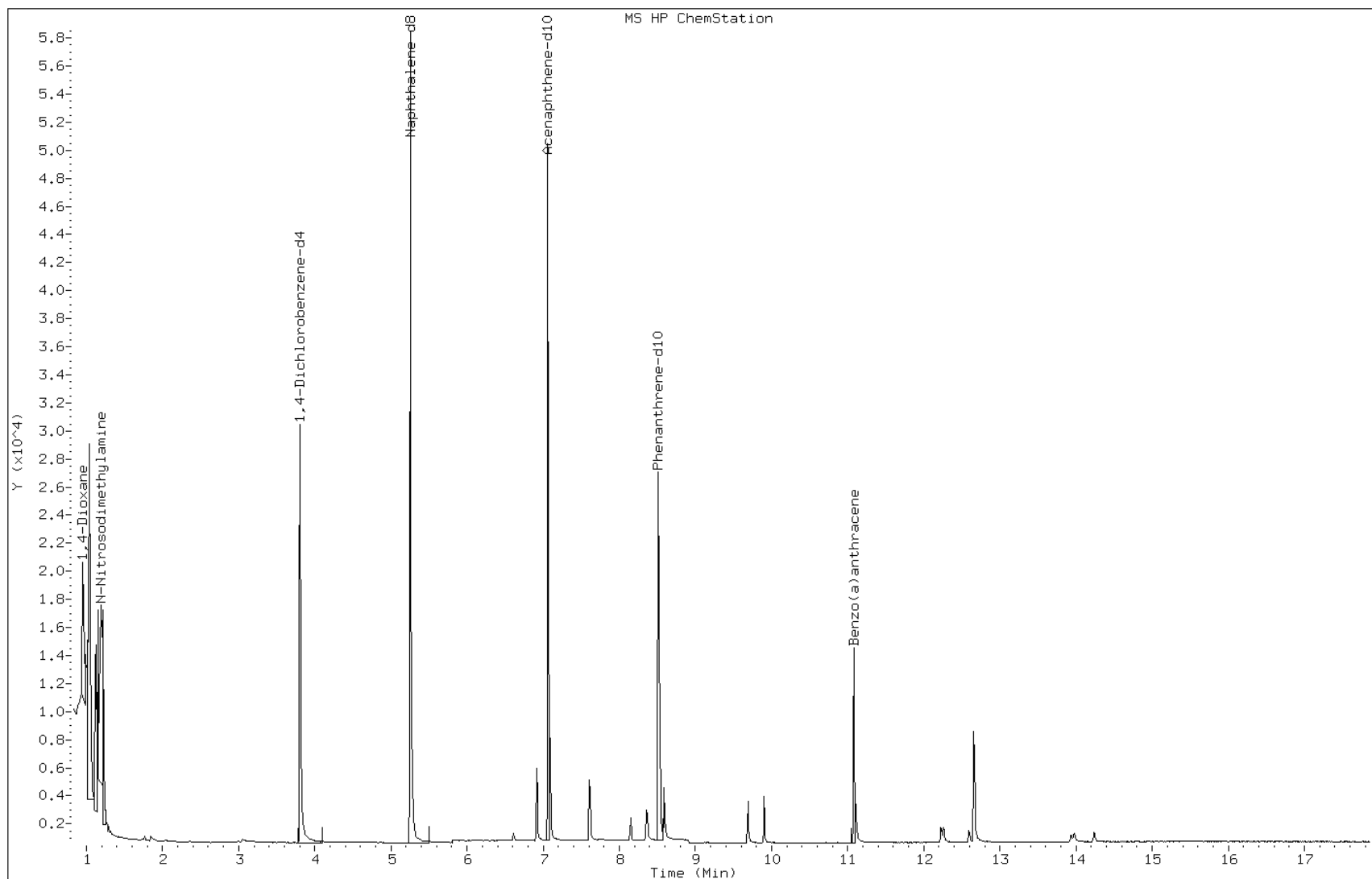
Date: 13-NOV-2011 15:49

Client ID:

Instrument: BNAMS9.i

Sample Info: CCVIS-1192596

Operator: BNAMS 4



Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97890.d
 Report Date: 01-Nov-2011 13:10

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97890.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 01-NOV-2011 11:49
 Operator : BNA2
 Smp Info : DFTPP-1175410
 Misc Info : bna-4589
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/BNADFTPP.m
 Meth Date : 09-Oct-2011 19:32 czhao
 Cal Date : 11-JAN-2010 13:45
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50

Inst ID: BNAMS9.i
 Quant Type: ESTD
 Cal File: h85796.d
 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 #:				
4.172	4.420	-0.248	198	37066			0.00- 100.00	100.00	
4.172	4.420	-0.248	51	17730			30.00- 60.00	47.83	
4.172	4.420	-0.248	68	0			0.00- 2.00	0.00	
4.172	4.420	-0.248	69	17813			0.00- 0.00	48.06	
4.172	4.420	-0.248	70	0			0.00- 2.00	0.00	
4.172	4.420	-0.248	127	21045			40.00- 60.00	56.78	
4.172	4.420	-0.248	197	0			0.00- 1.00	0.00	
4.172	4.420	-0.248	199	2546			5.00- 9.00	6.87	
4.172	4.420	-0.248	275	9314			10.00- 30.00	25.13	
4.172	4.420	-0.248	365	1361			1.00- 0.00	3.67	
4.172	4.420	-0.248	441	4279			0.01- 100.00	75.69	
4.172	4.420	-0.248	442	31019			40.00- 110.00	83.69	
4.172	4.420	-0.248	443	5653			17.00- 23.00	18.22	

Data File: h97890.d

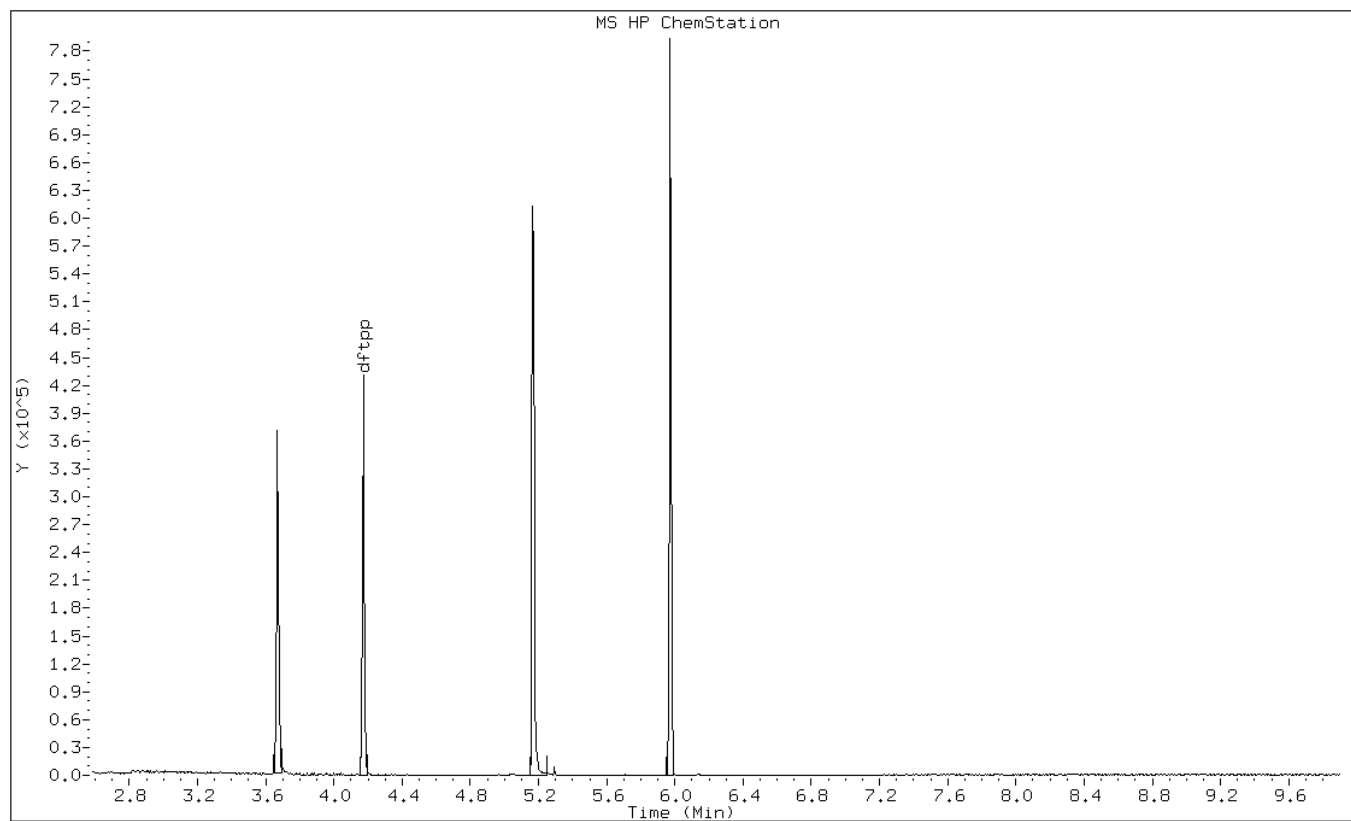
Date: 01-NOV-2011 11:49

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: h97890.d

Date: 01-NOV-2011 11:49

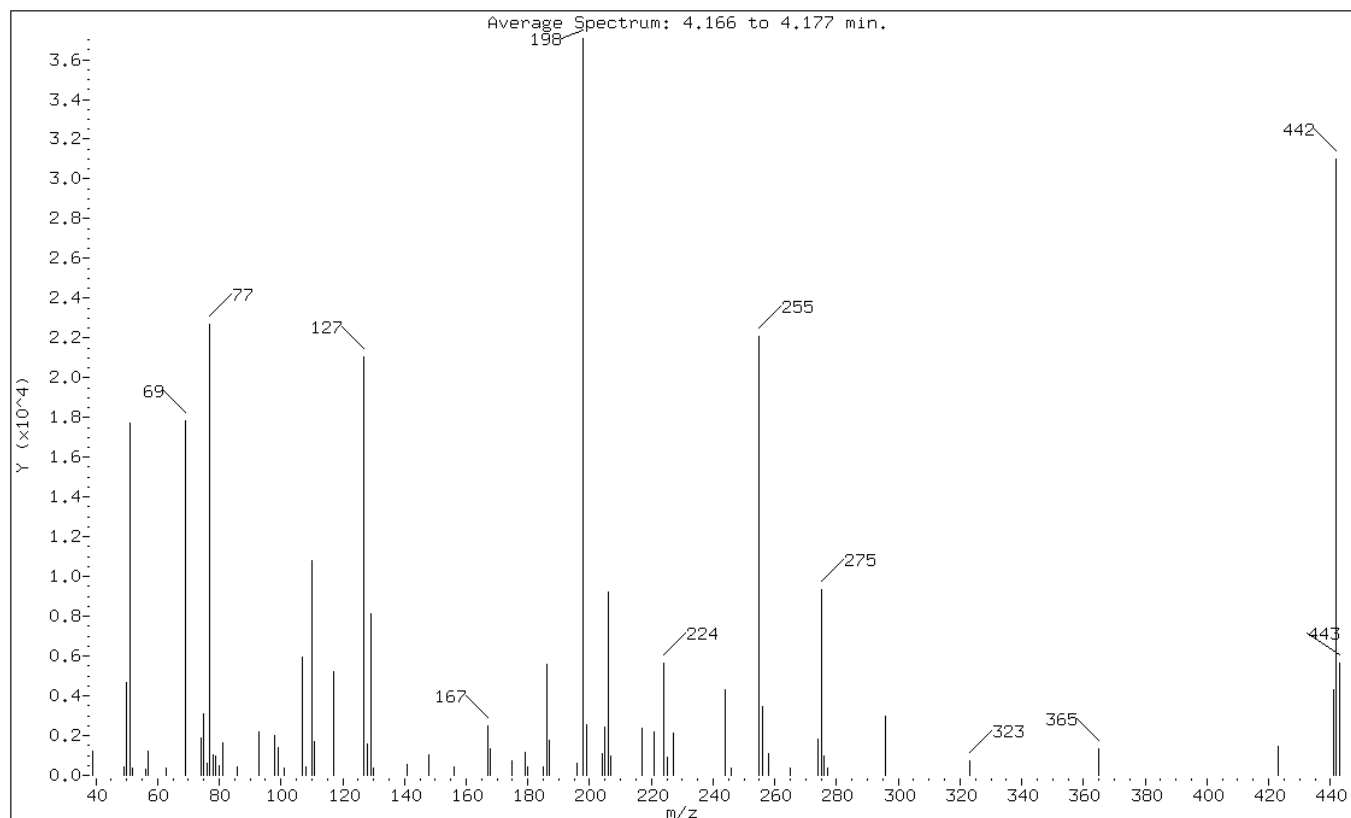
Client ID:

Instrument: BNAMS9.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	47.83
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	48.06
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	56.78
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.87
275	10.00 - 30.00% of mass 198	25.13
365	Greater than 1.00% of mass 198	3.67
441	0.01 - 100.00% of mass 443	11.54 (75.69)
442	40.00 - 110.00% of mass 198	83.69
443	17.00 - 23.00% of mass 442	15.25 (18.22)

Data File: h97890.d

Date: 01-NOV-2011 11:49

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b/h97890.d

Spectrum: Average Spectrum: 4.166 to 4.177 min.

Location of Maximum: 198.00

Number of points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	1201	93.00	2179	175.00	699	244.00	4290
49.00	428	98.00	2031	179.00	1135	246.00	347
50.00	4678	99.00	1375	180.00	434	255.00	22064
51.00	17728	101.00	384	185.00	406	256.00	3442
52.00	357	107.00	5939	186.00	5553	258.00	1106
56.00	333	108.00	437	187.00	1775	265.00	338
57.00	1239	110.00	10792	196.00	605	274.00	1806
63.00	381	111.00	1673	198.00	37064	275.00	9314
69.00	17808	117.00	5207	199.00	2546	276.00	949
74.00	1902	127.00	21040	204.00	1082	277.00	347
75.00	3090	128.00	1574	205.00	2398	296.00	2990
76.00	586	129.00	8155	206.00	9217	323.00	698
77.00	22712	130.00	340	207.00	961	365.00	1361
78.00	1036	141.00	538	217.00	2361	423.00	1439
79.00	942	148.00	1030	221.00	2190	441.00	4279
80.00	486	156.00	418	224.00	5630	442.00	31016
81.00	1631	167.00	2496	225.00	887	443.00	5653
86.00	400	168.00	1321	227.00	2118		

Data File: /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98131.d
Report Date: 11-Nov-2011 09:55

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98131.d
Lab Smp Id: DFTPP-1175410
Inj Date : 11-NOV-2011 09:34
Operator : BNA2
Smp Info : DFTPP-1175410
Misc Info : bna-4589
Comment :
Method : /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/BNADFTPP.m
Meth Date : 09-Oct-2011 19:32 czhao
Cal Date : 11-JAN-2010 13:45
Als bottle: 1
Dil Factor: 1.00000
Integrator: HP RTE
Target Version: 3.50
Processing Host: hpd1

Inst ID: BNAMS9.i
Quant Type: ESTD
Cal File: h85796.d
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 #:				
4.070	4.420	-0.350	198	46909			0.00-	100.00	91.03
4.070	4.420	-0.350	51	16181			30.00-	60.00	34.49
4.070	4.420	-0.350	68	0			0.00-	2.00	0.00
4.070	4.420	-0.350	69	17893			0.00-	0.00	38.14
4.070	4.420	-0.350	70	0			0.00-	2.00	0.00
4.070	4.420	-0.350	127	21818			40.00-	60.00	46.51
4.070	4.420	-0.350	197	0			0.00-	1.00	0.00
4.070	4.420	-0.350	199	3247			5.00-	9.00	6.92
4.070	4.420	-0.350	275	13414			10.00-	30.00	28.60
4.070	4.420	-0.350	365	1576			1.00-	0.00	3.36
4.070	4.420	-0.350	441	7527			0.01-	100.00	76.99
4.070	4.420	-0.350	442	51533			40.00-	110.00	109.86
4.070	4.420	-0.350	443	9776			17.00-	23.00	18.97

Data File: h98131.d

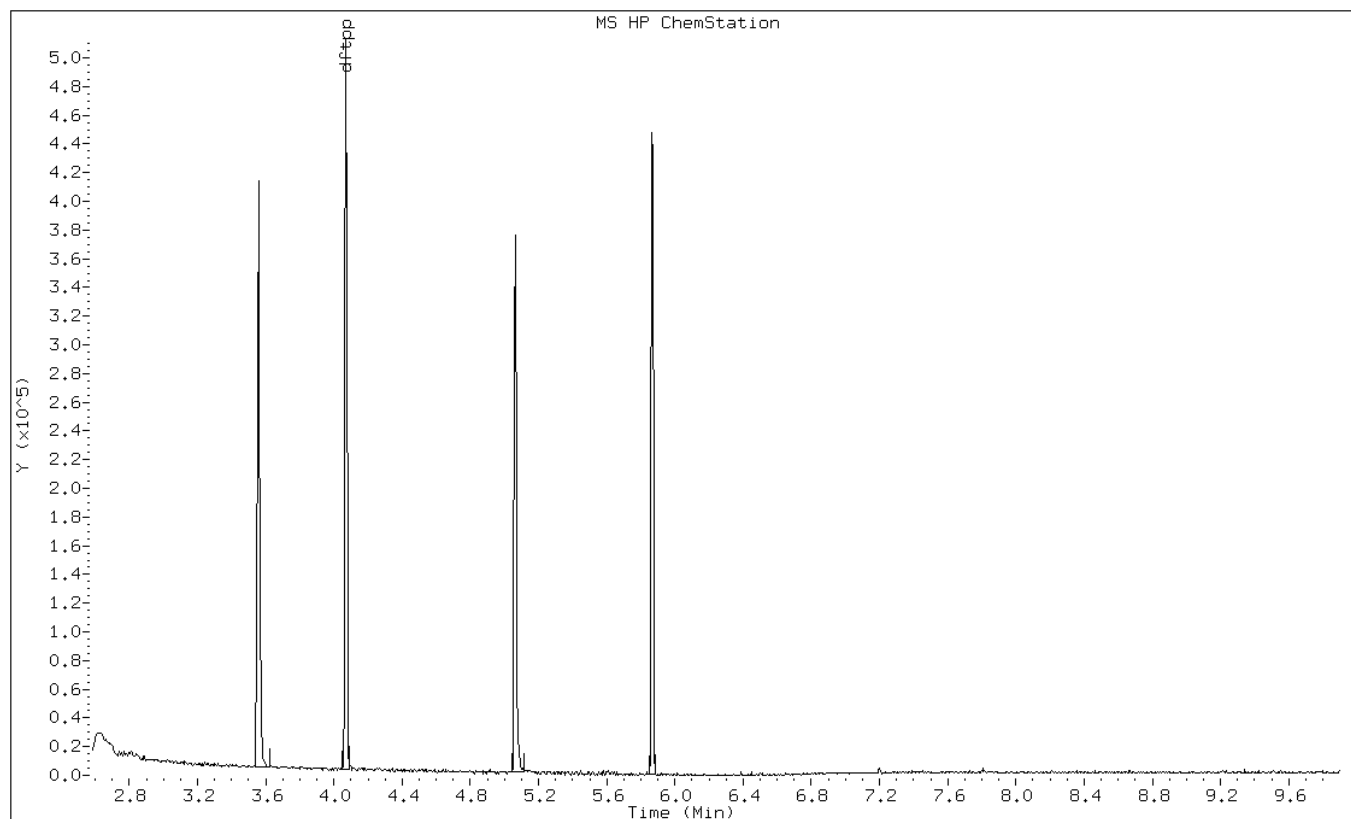
Date: 11-NOV-2011 09:34

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: h98131.d

Date: 11-NOV-2011 09:34

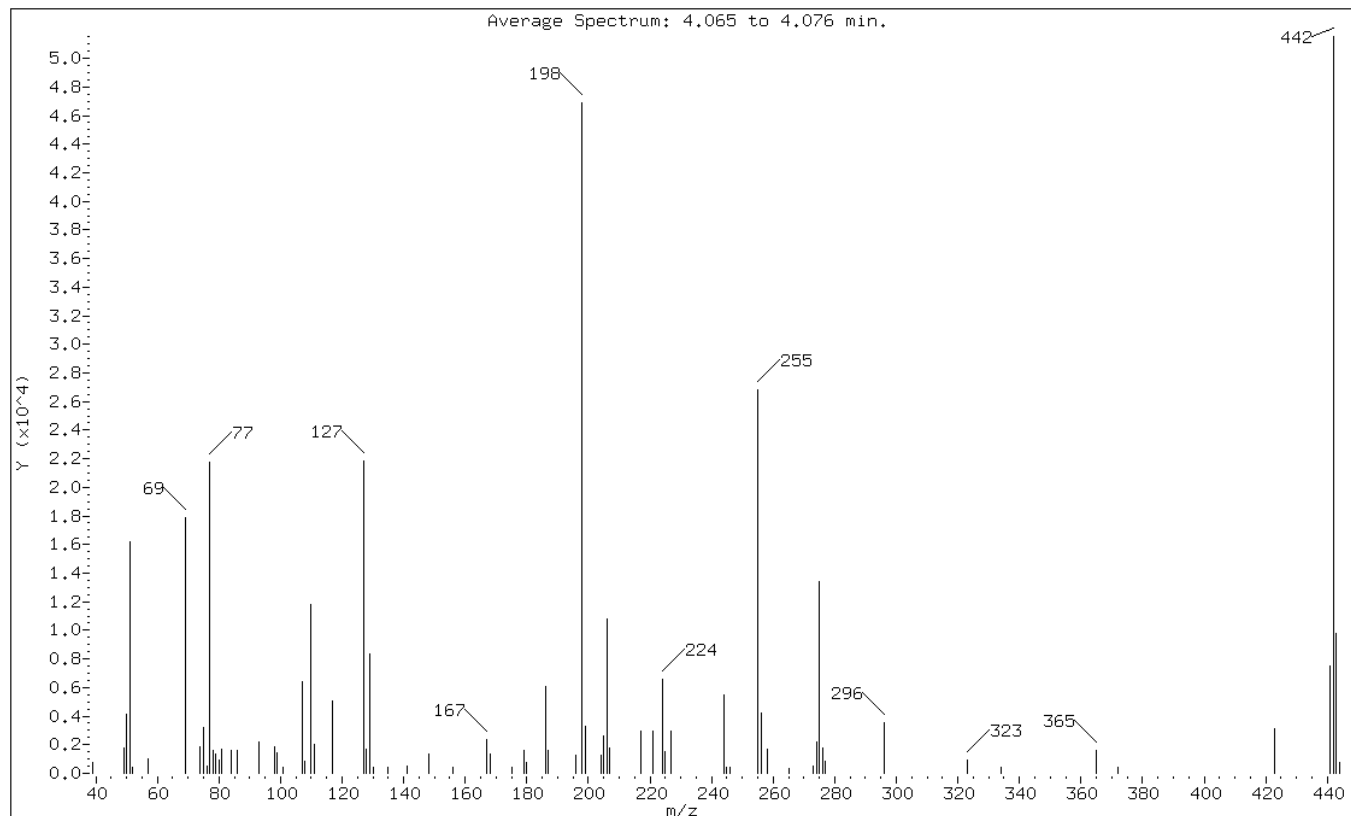
Client ID:

Instrument: BNAMS9.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	34.49
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	38.14
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	46.51
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.92
275	10.00 - 30.00% of mass 198	28.60
365	Greater than 1.00% of mass 198	3.36
441	0.01 - 100.00% of mass 443	16.05 (76.99)
442	40.00 - 110.00% of mass 198	109.86
443	17.00 - 23.00% of mass 442	20.84 (18.97)

Data File: h98131.d

Date: 11-NOV-2011 09:34

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98131.d
Spectrum: Average Spectrum: 4.065 to 4.076 min.
Location of Maximum: 442.00
Number of points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	746	99.00	1428	180.00	767	256.00	4193
49.00	1774	101.00	424	186.00	6064	258.00	1664
50.00	4112	107.00	6397	187.00	1603	265.00	346
51.00	16181	108.00	814	196.00	1229	273.00	484
52.00	391	110.00	11783	198.00	46904	274.00	2216
57.00	1019	111.00	1991	199.00	3247	275.00	13414
69.00	17888	117.00	5101	204.00	1271	276.00	1761
74.00	1863	127.00	21816	205.00	2584	277.00	812
75.00	3189	128.00	1651	206.00	10767	296.00	3571
76.00	499	129.00	8337	207.00	1794	323.00	886
77.00	21768	130.00	385	217.00	2930	334.00	424
78.00	1587	135.00	384	221.00	2983	365.00	1576
79.00	1339	141.00	518	224.00	6549	372.00	438
80.00	919	148.00	1339	225.00	1546	423.00	3136
81.00	1720	156.00	437	227.00	2935	441.00	7527
84.00	1639	167.00	2324	244.00	5451	442.00	51528
86.00	1617	168.00	1371	245.00	453	443.00	9776
93.00	2168	175.00	458	246.00	418	444.00	782
98.00	1819	179.00	1589	255.00	26856		

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98189.d
 Report Date: 13-Nov-2011 15:55

TestAmerica

Data file : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98189.d
 Lab Smp Id: DFTPP-1175410
 Inj Date : 13-NOV-2011 15:31
 Operator : BNA2
 Smp Info : DFTPP-1175410
 Misc Info : bna-4589
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/BNADFTPP.m
 Meth Date : 09-Oct-2011 19:32 czhao
 Cal Date : 11-JAN-2010 13:45
 Als bottle: 1
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ESTD
 Cal File: h85796.d
 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 #:				
4.064	4.420	-0.356	198	34378			0.00-	100.00	96.88
4.064	4.420	-0.356	51	15027			30.00-	60.00	43.71
4.064	4.420	-0.356	68	0			0.00-	2.00	0.00
4.064	4.420	-0.356	69	14326			0.00-	0.00	41.67
4.064	4.420	-0.356	70	0			0.00-	2.00	0.00
4.064	4.420	-0.356	127	16885			40.00-	60.00	49.12
4.064	4.420	-0.356	197	0			0.00-	1.00	0.00
4.064	4.420	-0.356	199	2366			5.00-	9.00	6.88
4.064	4.420	-0.356	275	8816			10.00-	30.00	25.64
4.064	4.420	-0.356	365	1453			1.00-	0.00	4.23
4.064	4.420	-0.356	441	5440			0.01-	100.00	79.29
4.064	4.420	-0.356	442	35485			40.00-	110.00	103.22
4.064	4.420	-0.356	443	6861			17.00-	23.00	19.33

Data File: h98189.d

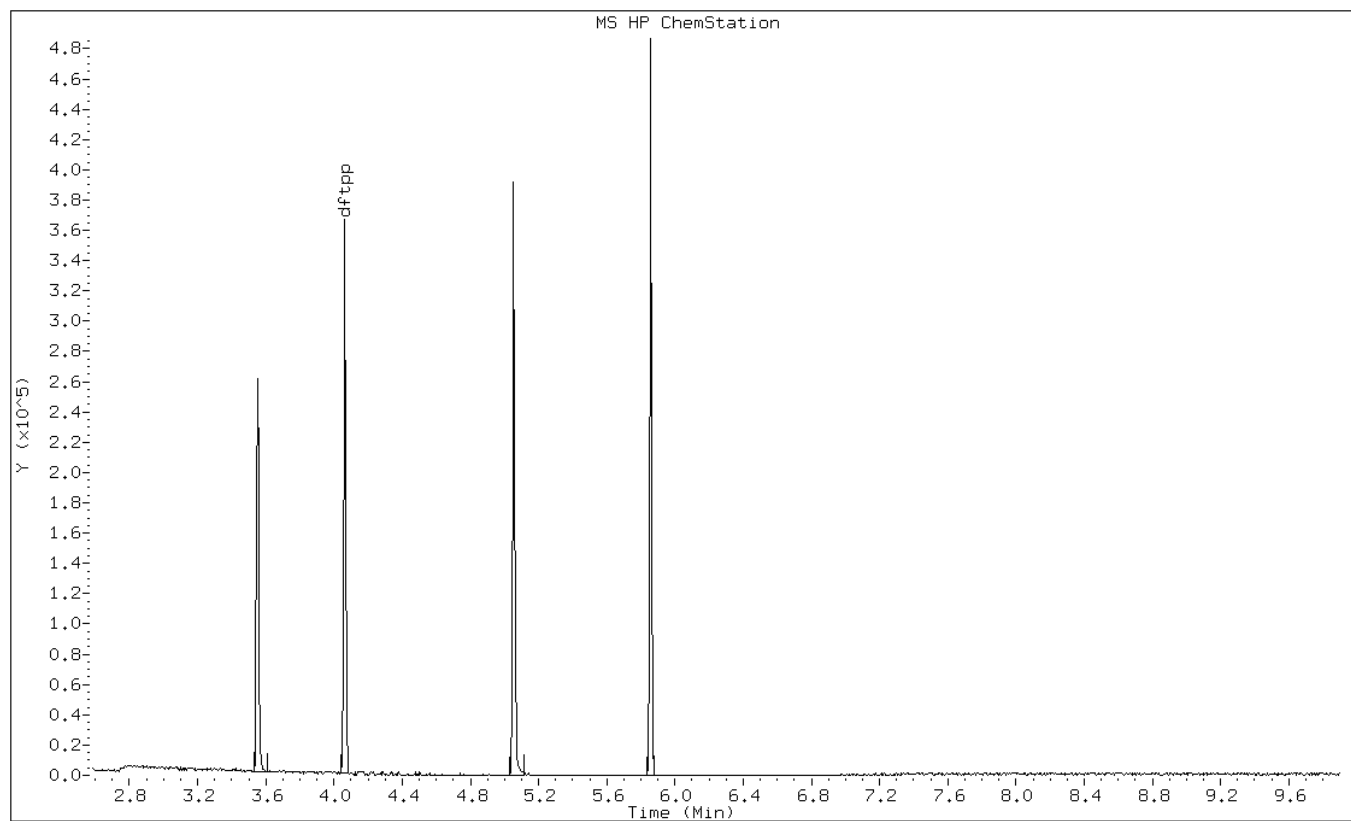
Date: 13-NOV-2011 15:31

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-1175410

Operator: BNA2



Data File: h98189.d

Date: 13-NOV-2011 15:31

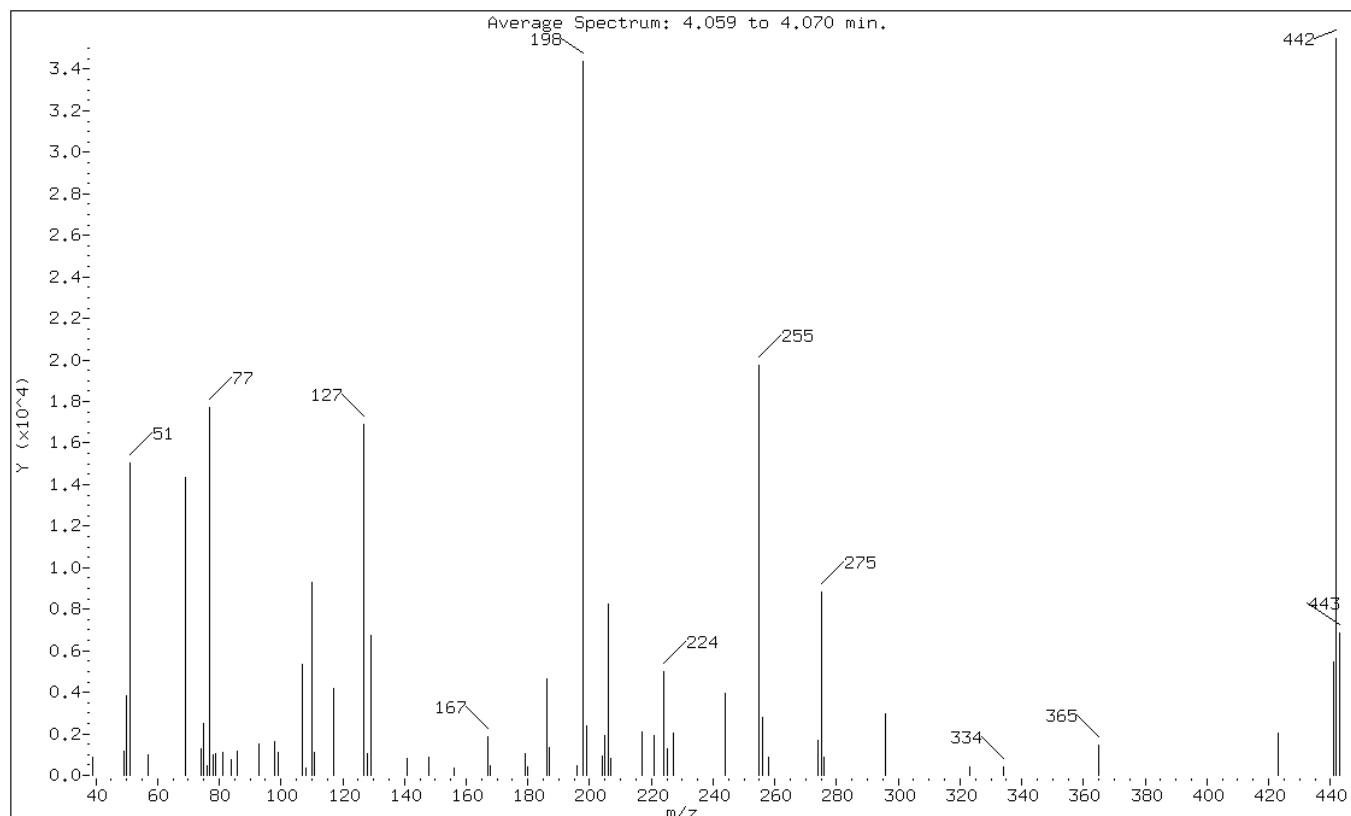
Client ID:

Instrument: BNAMS9.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	43.71
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	41.67
70	Less than 2.00% of mass 69	0.00 (0.00)
127	40.00 - 60.00% of mass 198	49.12
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.88
275	10.00 - 30.00% of mass 198	25.64
365	Greater than 1.00% of mass 198	4.23
441	0.01 - 100.00% of mass 443	15.82 (79.29)
442	40.00 - 110.00% of mass 198	103.22
443	17.00 - 23.00% of mass 442	19.96 (19.33)

Data File: h98189.d

Date: 13-NOV-2011 15:31

Client ID:

Instrument: BNAMS9.i

Sample Info: DFTPP-1175410

Operator: BNA2

Data File: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b/h98189.d

Spectrum: Average Spectrum: 4.059 to 4.070 min.

Location of Maximum: 442.00

Number of points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
39.00	897	98.00	1632	180.00	431	255.00	19720
49.00	1155	99.00	1123	186.00	4620	256.00	2776
50.00	3813	107.00	5344	187.00	1315	258.00	858
51.00	15027	108.00	350	196.00	445	274.00	1660
57.00	992	110.00	9312	198.00	34376	275.00	8816
69.00	14326	111.00	1103	199.00	2366	276.00	849
74.00	1279	117.00	4182	204.00	946	296.00	2939
75.00	2496	127.00	16880	205.00	1945	323.00	390
76.00	442	128.00	1019	206.00	8232	334.00	399
77.00	17704	129.00	6713	207.00	803	365.00	1453
78.00	1000	141.00	813	217.00	2062	423.00	2009
79.00	1065	148.00	872	221.00	1929	441.00	5440
81.00	1078	156.00	354	224.00	4975	442.00	35480
84.00	730	167.00	1874	225.00	1287	443.00	6861
86.00	1136	168.00	441	227.00	2020		
93.00	1522	179.00	1053	244.00	3968		

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-91853/1-A
Matrix: Water Lab File ID: h98140.d
Analysis Method: 8270C SIM Date Collected: _____
Extract. Method: 3510C Date Extracted: 11/04/2011 08:51
Sample wt/vol: 1000 (mL) Date Analyzed: 11/11/2011 14:25
Con. Extract Vol.: 2 (mL) Dilution Factor: 1
Injection Volume: 1 (uL) Level: (low/med) Low
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92907 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
56-55-3	Benzo[a]anthracene	0.050	U	0.050	0.020
50-32-8	Benzo[a]pyrene	0.050	U	0.050	0.030
205-99-2	Benzo[b]fluoranthene	0.050	U	0.050	0.040
87-86-5	Pentachlorophenol	0.20	U	0.20	0.14
118-74-1	Hexachlorobenzene	0.020	U	0.020	0.010

Data File: /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98140.d
 Report Date: 11-Nov-2011 15:37

TestAmerica

SEMI-VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/h98140.d
 Lab Smp Id: MB 460-91853/1-A
 Inj Date : 11-NOV-2011 14:25
 Operator : BNAMS 4
 Smp Info : MB 460-91853/1-A
 Misc Info :
 Comment :
 Method : /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b/simpah.m
 Meth Date : 11-Nov-2011 11:22 czhao
 Cal Date : 01-NOV-2011 16:07
 Als bottle: 10
 Dil Factor: 1.00000
 Integrator: HP RTE
 Target Version: 3.50
 Processing Host: hpd1

Inst ID: BNAMS9.i
 Quant Type: ISTD
 Cal File: h97897.d
 QC Sample: BLANK
 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	CONCENTRATIONS	
								ON-COLUMN	FINAL
								(ug/ml)	(ug/L)
=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
* 79 1,4-Dichlorobenzene-d4	152		3.820	3.820	(1.000)	23391	1.00000		
* 80 Naphthalene-d8	136		5.274	5.274	(1.000)	65456	1.00000		
31 Naphthalene	128		5.285	5.285	(1.002)	1226	0.01453		0.029(aH)
* 82 Acenaphthene-d10	164		7.080	7.080	(1.000)	26658	1.00000		
* 83 Phenanthrene-d10	188		8.532	8.532	(1.000)	34530	1.00000		
* 81 Chrysene-d12	240		11.099	11.099	(1.000)	25004	1.00000		(M)
* 84 Perylene-d12	264		12.683	12.683	(1.000)	23617	1.00000		

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.

Data File: h98140.d

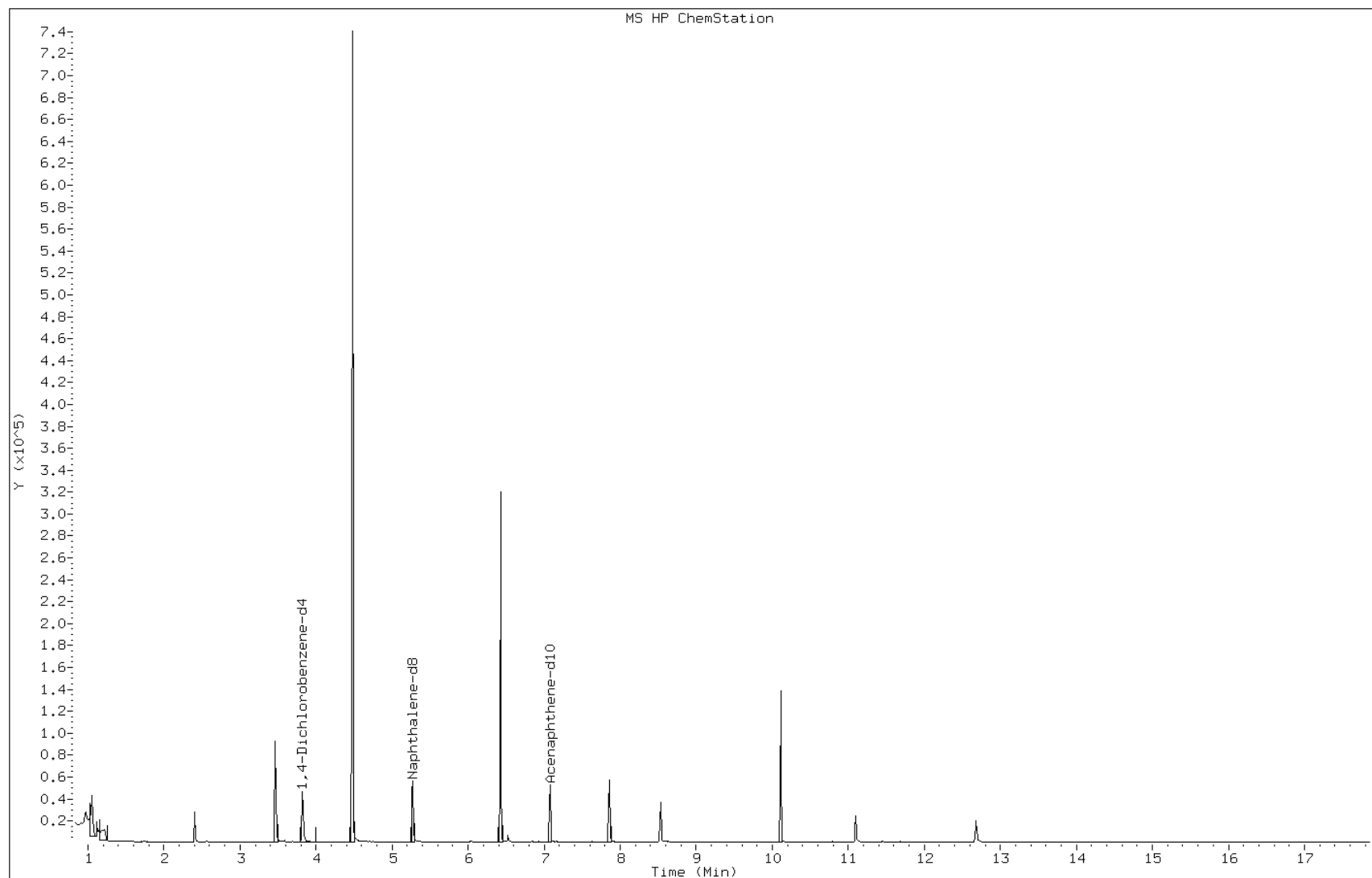
Date: 11-NOV-2011 14:25

Client ID:

Instrument: BNAMS9.i

Sample Info: MB 460-91853/1-A

Operator: BNAMS 4



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS9 Start Date: 11/01/2011 11:49Analysis Batch Number: 91697 End Date: 11/01/2011 22:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-91697/1		11/01/2011 11:49	1	h97890.d	Rtx-5MS 0.25 (mm)
ICIS 460-91697/2		11/01/2011 13:09	1	h97891.d	Rtx-5MS 0.25 (mm)
IC 460-91697/3		11/01/2011 13:55	1	h97892.d	Rtx-5MS 0.25 (mm)
IC 460-91697/4		11/01/2011 14:21	1	h97893.d	Rtx-5MS 0.25 (mm)
IC 460-91697/5		11/01/2011 14:48	1	h97894.d	Rtx-5MS 0.25 (mm)
IC 460-91697/6		11/01/2011 15:41	1	h97896.d	Rtx-5MS 0.25 (mm)
IC 460-91697/7		11/01/2011 16:07	1	h97897.d	Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 17:27	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 17:53	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 18:20	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 18:46	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 19:13	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 19:40	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 20:07	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 20:33	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 20:59	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 21:26	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 21:52	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 22:19	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/01/2011 22:45	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS9 Start Date: 11/11/2011 09:34Analysis Batch Number: 92907 End Date: 11/11/2011 21:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 460-92907/1		11/11/2011 09:34	1	h98131.d	Rtx-5MS 0.25 (mm)
CCVIS 460-92907/2		11/11/2011 10:53	1	h98132.d	Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 11:19	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 11:46	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 12:13	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 12:39	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 13:05	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 13:32	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 13:59	1		Rtx-5MS 0.25 (mm)
MB 460-91853/1-A		11/11/2011 14:25	1	h98140.d	Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 16:12	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 17:05	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 17:58	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 18:24	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 19:17	10		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 19:44	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 20:10	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 20:37	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 21:03	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/11/2011 21:30	1		Rtx-5MS 0.25 (mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: BNAMS9 Start Date: 11/13/2011 15:31Analysis Batch Number: 92908 End Date: 11/14/2011 03:25

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTTP 460-92908/1		11/13/2011 15:31	1	h98189.d	Rtx-5MS 0.25 (mm)
CCVIS 460-92908/2		11/13/2011 15:49	1	h98190.d	Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 16:19	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 16:46	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 17:13	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 17:39	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 18:06	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 18:32	1		Rtx-5MS 0.25 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/13/2011 18:59	1	h98197.d	Rtx-5MS 0.25 (mm)
460-33168-2	FB-17338-110211-13	11/13/2011 19:25	1	h98198.d	Rtx-5MS 0.25 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/13/2011 19:52	1	h98199.d	Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 20:19	5		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 21:12	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 21:39	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 22:05	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 22:32	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 22:59	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 23:25	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/13/2011 23:52	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 00:19	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 00:46	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 01:12	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 01:39	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 02:05	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 02:32	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 02:58	1		Rtx-5MS 0.25 (mm)
ZZZZZ		11/14/2011 03:25	1		Rtx-5MS 0.25 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i
Analytical Batch: /chem/BNAMS9.i/SIMT/11-01-11/01nov11.b

Date Generated: 11/02/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/01/11	1149	h97890.d	1	DFTTP-1175410		0	0		1	2.0	all	4389 5 911697
11/01/11	1309	h97891.d	2	ICIS-1192596		1000	2		1	1.0	all	4397 5 9
11/01/11	1355	h97892.d	3	IC-1192589		1000	2		1	1.0	all	1 5 9 51m
11/01/11	1421	h97893.d	4	IC-1192595		1000	2		1	1.0	all	5
11/01/11	1448	h97894.d	5	IC-1192598		1000	2		1	1.0	all	5
11/01/11	1514	h97895.d	6	IC-1192599		1000	2		1	1.0	all	RS
11/01/11	1541	h97896.d	7	IC-1192600		1000	2		1	1.0	all	5
11/01/11	1607	h97897.d	8	IC-1192599		1000	2		1	1.0	all	5
11/01/11	1700	h97898.d	9	icv		1000	1		1	1.0	all	5
11/01/11	1727	h97899.d	10	MB 460-91280/1-A		1000	2		1	1.0	all	5
11/01/11	1753	h97900.d	11	460-32975-E-1-A		10/31/11	990	2	1	1.0	all	5
11/01/11	1820	h97901.d	12	460-32975-G-2-A		10/31/11	990	2	1	1.0	all	5
11/01/11	1846	h97902.d	13	460-32975-H-3-A		10/31/11	1000	2	1	1.0	all	5
11/01/11	1913	h97903.d	14	460-33010-E-1-A		10/31/11	980	2	1	1.0	all	5

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAME9.i
Analytical Batch: /chem/BNAME9.i/SIMT/11-01-11/01nov11.b

Date Generated: 11/02/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/01/11 1940	h97904.d	15	460-33010-E-2-A	460-91280	10/31/11 980	2			1	1.0 all		
11/01/11 2007	h97905.d	16	MB 460-91284/1-A	01nov11					1	1.0 all		SS
11/01/11 2033	h97906.d	17	460-32901-L-1-A	460-91284	10/31/11 1000	2			1	1.0 all		SS
11/01/11 2059	h97907.d	18	460-32901-L-2-A	460-91284	10/31/11 990	2			1	1.0 all		SS
11/01/11 2126	h97908.d	19	460-32901-M-3-A	460-91284	10/31/11 850	2			1	1.0 all		SS
11/01/11 2152	h97909.d	20	460-32901-N-4-A	460-91284	10/31/11 850	2			1	1.0 all		SS
11/01/11 2219	h97910.d	21	460-32901-N-5-A	460-91284	10/31/11 820	2			1	1.0 all		SS
11/01/11 2245	h97911.d	22	460-32901-N-6-A	460-91284	10/31/11 800	2			1	1.0 all		SS
11/01/11 2312	h97912.d	23	460-32901-L-7-A	460-91284	10/31/11 800	2			1	1.0 all		SS. stopped early.

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Signed: C-2 Read and Understood by: [Signature]

Date: 11/2/11 Date: 11-3-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i

Analytical Batch: /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b

Date Generated: 11/13/2011

Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/11/11	0934 h98131.d		1 DFTPP-1175410			0	0		1	2.0 all	4397	G 22907
11/11/11	1053 h98132.d		2 CCVIS-1192596			1000	2		1	1.0 all	4397	G 5107
11/11/11	1119 h98133.d		3 MB 460-91645/1-A	11nov11		1000	2		1	1.0 all		S
11/11/11	1146 h98134.d		4 460-33115-E-1-A	460-91645	11/02/11	980	2		1	1.0 all		S
11/11/11	1213 h98135.d		5 460-33115-D-2-A	460-91645	11/02/11	980	2		1	1.0 all		S
11/11/11	1239 h98136.d		6 460-33115-D-3-A	460-91645	11/02/11	980	2		1	1.0 all		S
11/11/11	1305 h98137.d		7 460-33115-E-4-A	460-91645	11/02/11	980	2		1	1.0 all		S
11/11/11	1332 h98138.d		8 460-33115-D-5-A	460-91645	11/02/11	960	2		1	1.0 all		S
11/11/11	1359 h98139.d		9 460-33109-G-1-A	460-91645	11/02/11	980	2		1	1.0 all		S
11/11/11	1425 h98140.d		10 MB 460-91853/1-A	11nov11		1000	2		1	1.0 all		S
11/11/11	1452 h98141.d		11 460-33104-G-1-A	460-91853	11/04/11	980	2		1	1.0 all		392 R2
11/11/11	1518 h98142.d		12 460-33104-G-2-A	11nov11		1000	2		1	1.0 all		↓
11/11/11	1545 h98143.d		13 460-33104-F-3-A	11nov11		1000	2		1	1.0 all		↓
11/11/11	1612 h98144.d		14 460-33104-G-4-A	11nov11		1000	2		1	1.0 all		S

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i
Analytical Batch: /chem/BNAMS9.i/SIMT/11-01-11/11nov11.b

Date Generated: 11/13/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/11/11 1638	h98145.d	15	460-33104-H-5-A	11nov11		1000	2	1	1.0	all		35L RN
11/11/11 1705	h98146.d	16	460-33104-H-6-A	11nov11		1000	2	1	1.0	all		C
11/11/11 1731	h98147.d	17	460-33104-G-7-A	11nov11		1000	2	1	1.0	all		35L RN
10/11/11 1758	h98148.d	18	460-33104-I-8-A	11nov11		1000	2	1	1.0	all		G
11/11/11 1824	h98149.d	19	460-33104-G-9-A	11nov11		1000	2	1	1.0	all		C
11/11/11 1851	h98150.d	20	460-33110-E-7-A	11nov11		1000	2	5	1.0	all		RN 10x
11/11/11 1917	h98151.d	21	460-33110-E-7-A	11nov11		1000	2	10	1.0	all		C
11/11/11 1944	h98152.d	22	MB 460-92445/1-A	11nov11		1000	2	1	1.0	all		C
11/11/11 2010	h98153.d	23	460-33326-B-1-A	11nov11		1000	2	1	1.0	all		C
11/11/11 2037	h98154.d	24	460-33326-B-2-A	11nov11		1000	2	1	1.0	all		C
11/11/11 2103	h98155.d	25	460-33326-A-3-A	11nov11		1000	2	1	1.0	all		C
11/11/11 2130	h98156.d	26	460-33326-A-4-A	11nov11		1000	2	1	1.0	all		C
11/11/11 2156	h98157.d	27	460-33326-D-5-A	11nov11		1000	2	1	1.0	all		out of clock

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Signed: cy 2 Read and Understood by: W. S. S.
Date: 11/13/11 Date: 11-14-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i
Analytical Batch: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b

Date Generated: 11/14/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/13/11	1531 h98189.d	1	DFTTP-1175410			0	0		1	2.0 all	9839	92908
11/13/11	1549 h98190.d	2	COVIS-1192596			1000	2		1	1.0 all	9897	5100
11/13/11	1619 h98191.d	3	460-33104-G-1-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	1646 h98192.d	4	460-33104-G-2-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	1713 h98193.d	5	460-33104-F-3-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	1739 h98194.d	6	460-33104-H-5-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	1806 h98195.d	7	460-33104-G-7-A	460-91853	11/04/11	980	2		1	1.0 all		
11/13/11	1832 h98196.d	8	460-33326-D-5-A	460-92445	11/09/11	960	2		1	1.0 all		
11/13/11	1859 h98197.d	9	460-33168-I-1-B	460-91853	11/04/11	990	2		1	1.0 all		
11/13/11	1925 h98198.d	10	460-33168-I-2-A	460-91853	11/04/11	990	2		1	1.0 all		
11/13/11	1952 h98199.d	11	460-33168-H-3-A	460-91853	11/04/11	990	2		1	1.0 all		
11/13/11	2019 h98200.d	12	460-33170-G-6-A	460-91882	11/04/11	950	2		5	1.0 all		
11/13/11	2045 h98201.d	13	460-33170-G-6-A	460-91882	11/04/11	950	2		10	1.0 all		
11/13/11	2112 h98202.d	14	460-33331-A-1-E	460-92224	11/08/11	780	2		1	1.0 all		

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: BNAMS9.i
Analytical Batch: /chem/BNAMS9.i/SIMT/11-01-11/13nov11.b

Date Generated: 11/14/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	EXT DATE	IV/ IW	FV	Dil	Inj Vol	Sublist	LOT	COMMENTS
11/13/11	2139	h98203.d	15 460-33331-A-2-E	460-92224	11/08/11	920	2	1	1.0	all		
11/13/11	2205	h98204.d	16 460-33235-N-6-A	460-91989	11/05/11	800	2	1	1.0	all		
11/13/11	2232	h98205.d	17 460-33235-L-7-A	460-91989	11/05/11	780	2	1	1.0	all		
11/13/11	2259	h98206.d	18 460-33235-L-8-A	460-91989	11/05/11	980	2	1	1.0	all		
11/13/11	2325	h98207.d	19 460-33249-D-8-A	460-92082	11/07/11	1000	2	1	1.0	all		
11/13/11	2352	h98208.d	20 460-33249-E-15-A	460-92082	11/07/11	1000	2	1	1.0	all		
11/14/11	0019	h98209.d	21 460-33249-D-18-A	460-92082	11/07/11	1000	2	1	1.0	all		
11/14/11	0046	h98210.d	22 460-33249-E-21-A	460-92082	11/07/11	1000	2	1	1.0	all		
11/14/11	0112	h98211.d	23 MB 460-92654/1-A	13nov11				1	1.0	all		
11/14/11	0139	h98212.d	24 460-33282-M-2-A	460-92654	11/11/11	990	2	1	1.0	all		
11/14/11	0205	h98213.d	25 460-33320-D-2-A	460-92654	11/11/11	990	2	1	1.0	all		
11/14/11	0232	h98214.d	26 460-33365-G-1-A	460-92445	11/09/11	990	2	1	1.0	all		
11/14/11	0258	h98215.d	27 460-33365-G-2-A	460-92445	11/09/11	980	2	1	1.0	all		
11/14/11	0325	h98216.d	28 460-33365-H-3-A	460-92445	11/09/11	990	2	1	1.0	all		

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Signed: C. J. D. 11/14/11
Read and Understood by: [Signature] 11-14-11

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 91853 Batch Start Date: 11/04/11 08:51 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: 11/04/11 22:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP625/82SU 00026		
MB 460-91853/1		3510C, 8270C SIM		7	1000 mL	2 mL	1 mL		
460-33168-I-1	GW-17338-110211- MW28-12	3510C, 8270C SIM	T	7	990 mL	2 mL	1 mL		
460-33168-I-2	FB-17338-110211- 13	3510C, 8270C SIM	T	7	990 mL	2 mL	1 mL		
460-33168-H-3	GW-17338-110211- MW105-14	3510C, 8270C SIM	T	7	990 mL	2 mL	1 mL		

Batch Notes	
Acid used for pH adjustment	H2SO4
Acid used for pH adjust Lot #	K20042
Base used for pH adjustment	NAOH
Base used for pH adjust Lot #	OP205
Concentration End Time	2200
Concentration Start Time	2100
Person's name who did the concentration	Wuh
Final Concentrator Volume	2 mL
Na2SO4 Lot Number	K12590
Prep Solvent Lot #	K39E12
Prep Solvent Name	MECL2
Prep Solvent Volume Used	360ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP

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.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
GW-17338-110211-MW 28-12	460-33168-1	67	75	43	50
FB-17338-110211-13	460-33168-2	68	68	36 X	38
GW-17338-110211-MW 105-14	460-33168-3	82	82	73	85
GW-17338-110211-MW 28-12 MS	460-33168-1 MS	78	79	47	54
GW-17338-110211-MW 28-12 MSD	460-33168-1 MSD	72	77	46	51

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

QC LIMITS
49-132
37-144

Column to be used to flag recovery values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: WF694928.D
 Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
alpha-BHC	2.50	0.051 U	2.19	87	63-122	
beta-BHC	2.50	0.051 U	2.01	80	64-119	
delta-BHC	2.50	0.051 U	2.31	93	62-124	
gamma-BHC (Lindane)	2.50	0.051 U	2.13	85	59-121	
Heptachlor	2.50	0.051 U	2.12	85	61-118	
Aldrin	2.50	0.051 U	2.08	83	61-122	
Heptachlor epoxide	2.50	0.051 U	2.24	89	64-120	
Endosulfan I	2.50	0.051 U	2.27	91	64-123	
Dieldrin	2.50	0.051 U	2.30	92	62-112	
4,4'-DDE	2.50	0.051 U	2.20	88	66-132	
Endrin	2.50	0.051 U	2.38	95	42-138	
Endosulfan II	2.50	0.051 U	2.29	91	63-116	
4,4'-DDD	2.50	0.051 U	2.41	97	68-136	
Endosulfan sulfate	2.50	0.051 U	2.57	103	56-121	
4,4'-DDT	2.50	0.051 U	2.55	102	66-132	
Methoxychlor	2.50	0.051 U	2.74	110	56-125	
Endrin ketone	2.50	0.051 U	2.61	105	62-125	
Endrin aldehyde	2.50	0.051 U	2.32	93	56-119	
alpha-Chlordane	2.50	0.051 U	2.16	87	62-119	
gamma-Chlordane	2.50	0.051 U	2.20	88	63-120	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: WR694928.D
 Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
alpha-BHC	2.50	0.051 U	2.06	82	63-122	
beta-BHC	2.50	0.051 U	1.98	79	64-119	
delta-BHC	2.50	0.051 U	2.26	91	62-124	
gamma-BHC (Lindane)	2.50	0.051 U	2.13	85	59-121	
Heptachlor	2.50	0.051 U	2.03	81	61-118	
Aldrin	2.50	0.051 U	2.03	81	61-122	
Heptachlor epoxide	2.50	0.051 U	2.06	82	64-120	
Endosulfan I	2.50	0.051 U	2.01	81	64-123	
Dieldrin	2.50	0.051 U	2.17	87	62-112	
4,4'-DDE	2.50	0.051 U	2.20	88	66-132	
Endrin	2.50	0.051 U	2.23	89	42-138	
Endosulfan II	2.50	0.051 U	2.11	84	63-116	
4,4'-DDD	2.50	0.051 U	2.23	89	68-136	
Endosulfan sulfate	2.50	0.051 U	2.13	85	56-121	
4,4'-DDT	2.50	0.051 U	2.17	87	66-132	
Methoxychlor	2.50	0.051 U	2.12	85	56-125	
Endrin ketone	2.50	0.051 U	2.23	89	62-125	
Endrin aldehyde	2.50	0.051 U	1.98	79	56-119	
alpha-Chlordane	2.50	0.051 U	2.02	81	62-119	
gamma-Chlordane	2.50	0.051 U	2.00	80	63-120	

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.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: WF694929.D
 Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	2.50	2.07	83	5	30	63-122	
beta-BHC	2.50	1.97	79	2	30	64-119	
delta-BHC	2.50	2.24	90	3	30	62-124	
gamma-BHC (Lindane)	2.50	2.05	82	4	30	59-121	
Heptachlor	2.50	2.06	82	3	30	61-118	
Aldrin	2.50	1.99	80	4	30	61-122	
Heptachlor epoxide	2.50	2.12	85	5	30	64-120	
Endosulfan I	2.50	2.16	86	5	30	64-123	
Dieldrin	2.50	2.19	88	5	30	62-112	
4,4'-DDE	2.50	2.12	85	4	30	66-132	
Endrin	2.50	2.28	91	5	30	42-138	
Endosulfan II	2.50	2.18	87	5	30	63-116	
4,4'-DDD	2.50	2.32	93	4	30	68-136	
Endosulfan sulfate	2.50	2.38	95	8	30	56-121	
4,4'-DDT	2.50	2.41	96	6	30	66-132	
Methoxychlor	2.50	2.49	100	9	30	56-125	
Endrin ketone	2.50	2.45	98	7	30	62-125	
Endrin aldehyde	2.50	2.19	87	6	30	56-119	
alpha-Chlordane	2.50	2.10	84	3	30	62-119	
gamma-Chlordane	2.50	2.11	84	4	30	63-120	

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.: 460-33168-1
 SDG No.: _____
 Matrix: Water Level: Low Lab File ID: WR694929.D
 Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
alpha-BHC	2.50	1.94	78	6	30	63-122	
beta-BHC	2.50	1.93	77	3	30	64-119	
delta-BHC	2.50	2.18	87	4	30	62-124	
gamma-BHC (Lindane)	2.50	2.03	81	5	30	59-121	
Heptachlor	2.50	1.96	78	3	30	61-118	
Aldrin	2.50	1.97	79	3	30	61-122	
Heptachlor epoxide	2.50	1.99	80	3	30	64-120	
Endosulfan I	2.50	1.93	77	4	30	64-123	
Dieldrin	2.50	2.06	82	5	30	62-112	
4,4'-DDE	2.50	2.12	85	4	30	66-132	
Endrin	2.50	2.10	84	6	30	42-138	
Endosulfan II	2.50	2.03	81	4	30	63-116	
4,4'-DDD	2.50	2.16	86	3	30	68-136	
Endosulfan sulfate	2.50	2.05	82	4	30	56-121	
4,4'-DDT	2.50	2.08	83	4	30	66-132	
Methoxychlor	2.50	2.03	81	5	30	56-125	
Endrin ketone	2.50	2.13	85	4	30	62-125	
Endrin aldehyde	2.50	1.90	76	4	30	56-119	
alpha-Chlordane	2.50	1.98	79	2	30	62-119	
gamma-Chlordane	2.50	1.95	78	3	30	63-120	

Column to be used to flag recovery and RPD values

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 11/07/2011 07:41 Date Analyzed (2): 11/07/2011 07:41

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		2.68	2.63	2.73	2.06		6.1
	2		3.81	3.75	3.85	2.19		
gamma-BHC (Lindane)	1		3.29	3.24	3.34	2.13		0.4
	2		4.57	4.52	4.62	2.13		
beta-BHC	1		3.46	3.41	3.51	1.98		1.3
	2		4.73	4.68	4.78	2.01		
delta-BHC	1		3.81	3.75	3.85	2.26		2.2
	2		5.38	5.33	5.43	2.31		
Heptachlor	1		4.21	4.16	4.26	2.03		4.5
	2		5.55	5.50	5.60	2.12		
Aldrin	1		4.80	4.75	4.85	2.03		2.2
	2		6.22	6.17	6.27	2.08		
Heptachlor epoxide	1		6.03	5.96	6.10	2.06		8.4
	2		6.88	6.81	6.95	2.24		
gamma-Chlordane	1		6.22	6.15	6.29	2.00		9.2
	2		7.08	7.01	7.15	2.20		
alpha-Chlordane	1		6.40	6.32	6.46	2.02		6.9
	2		7.23	7.16	7.30	2.16		
4,4'-DDE	1		6.48	6.41	6.55	2.20		0.1
	2		7.38	7.31	7.45	2.20		
Endosulfan I	1		6.55	6.48	6.62	2.01		11.8
	2		7.30	7.23	7.37	2.27		
Dieldrin	1		6.80	6.72	6.86	2.17		5.8
	2		7.60	7.53	7.67	2.30		
Endrin	1		7.03	6.96	7.10	2.23		6.5
	2		7.94	7.87	8.01	2.38		
4,4'-DDD	1		7.07	7.01	7.15	2.23		8.0
	2		8.02	7.95	8.09	2.41		
Endosulfan II	1		7.25	7.18	7.32	2.11		7.9
	2		8.17	8.10	8.24	2.29		
4,4'-DDT	1		7.35	7.28	7.42	2.17		16.0
	2		8.34	8.27	8.41	2.55		
Endrin aldehyde	1		7.68	7.61	7.75	1.98		16.0
	2		8.47	8.40	8.54	2.32		
Methoxychlor	1		7.85	7.78	7.92	2.12		25.5
	2		8.84	8.78	8.92	2.74		
Endosulfan sulfate	1		8.14	8.07	8.21	2.13		18.8
	2		8.68	8.61	8.75	2.57		
Endrin ketone	1		8.40	8.33	8.47	2.23		16.0
	2		9.06	8.99	9.13	2.61		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD

Instrument ID (1): PESTGC4 Instrument ID (2): PESTGC4

Date Analyzed (1): 11/07/2011 07:55 Date Analyzed (2): 11/07/2011 07:55

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		2.68	2.63	2.73	1.94		6.5
	2		3.80	3.75	3.85	2.07		
gamma-BHC (Lindane)	1		3.29	3.24	3.34	2.03		1.1
	2		4.57	4.52	4.62	2.05		
beta-BHC	1		3.46	3.41	3.51	1.93		1.9
	2		4.73	4.68	4.78	1.97		
delta-BHC	1		3.81	3.75	3.85	2.18		2.7
	2		5.37	5.33	5.43	2.24		
Heptachlor	1		4.21	4.16	4.26	1.96		5.0
	2		5.54	5.50	5.60	2.06		
Aldrin	1		4.79	4.75	4.85	1.97		1.4
	2		6.22	6.17	6.27	1.99		
Heptachlor epoxide	1		6.03	5.96	6.10	1.99		6.2
	2		6.88	6.81	6.95	2.12		
gamma-Chlordane	1		6.22	6.15	6.29	1.95		7.7
	2		7.08	7.01	7.15	2.11		
alpha-Chlordane	1		6.39	6.32	6.46	1.98		5.8
	2		7.23	7.16	7.30	2.10		
4,4'-DDE	1		6.47	6.41	6.55	2.12		0.4
	2		7.38	7.31	7.45	2.12		
Endosulfan I	1		6.55	6.48	6.62	1.93		11.3
	2		7.30	7.23	7.37	2.16		
Dieldrin	1		6.79	6.72	6.86	2.06		6.3
	2		7.60	7.53	7.67	2.19		
Endrin	1		7.02	6.96	7.10	2.10		8.0
	2		7.94	7.87	8.01	2.28		
4,4'-DDD	1		7.07	7.01	7.15	2.16		7.3
	2		8.02	7.95	8.09	2.32		
Endosulfan II	1		7.25	7.18	7.32	2.03		7.5
	2		8.17	8.10	8.24	2.18		
4,4'-DDT	1		7.35	7.28	7.42	2.08		14.5
	2		8.34	8.27	8.41	2.41		
Endrin aldehyde	1		7.68	7.61	7.75	1.90		14.3
	2		8.47	8.40	8.54	2.19		
Methoxychlor	1		7.85	7.78	7.92	2.03		20.7
	2		8.84	8.78	8.92	2.49		
Endosulfan sulfate	1		8.14	8.07	8.21	2.05		14.8
	2		8.68	8.61	8.75	2.38		
Endrin ketone	1		8.40	8.33	8.47	2.13		13.7
	2		9.06	8.99	9.13	2.45		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
Matrix: Water Lab File ID: WF694930.D
Analysis Method: 8081A Date Collected: 11/02/2011 10:00
Extraction Method: 3510C Date Extracted: 11/04/2011 09:09
Sample wt/vol: 990 (mL) Date Analyzed: 11/07/2011 08:09
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92101 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	50		37-144
877-09-8	Tetrachloro-m-xylene	75		49-132

Data File: WF694930.D
Report Date: 07-Nov-2011 10:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694930.D
Lab Smp Id: 460-33168-F-1-C Client Smp ID: GW-17338-110211-MW2
Inj Date : 07-NOV-2011 08:09
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-F-1-C
Misc Info : 460-33168-F-1-C
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:37 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:57 Cal File: WF694825.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.553	2.557	-0.004	227896	74.5082	0.38 80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.060	10.060	0.000	105593	49.7734	0.25 80.00- 120.00	100.00			

Data File: WF694930.D

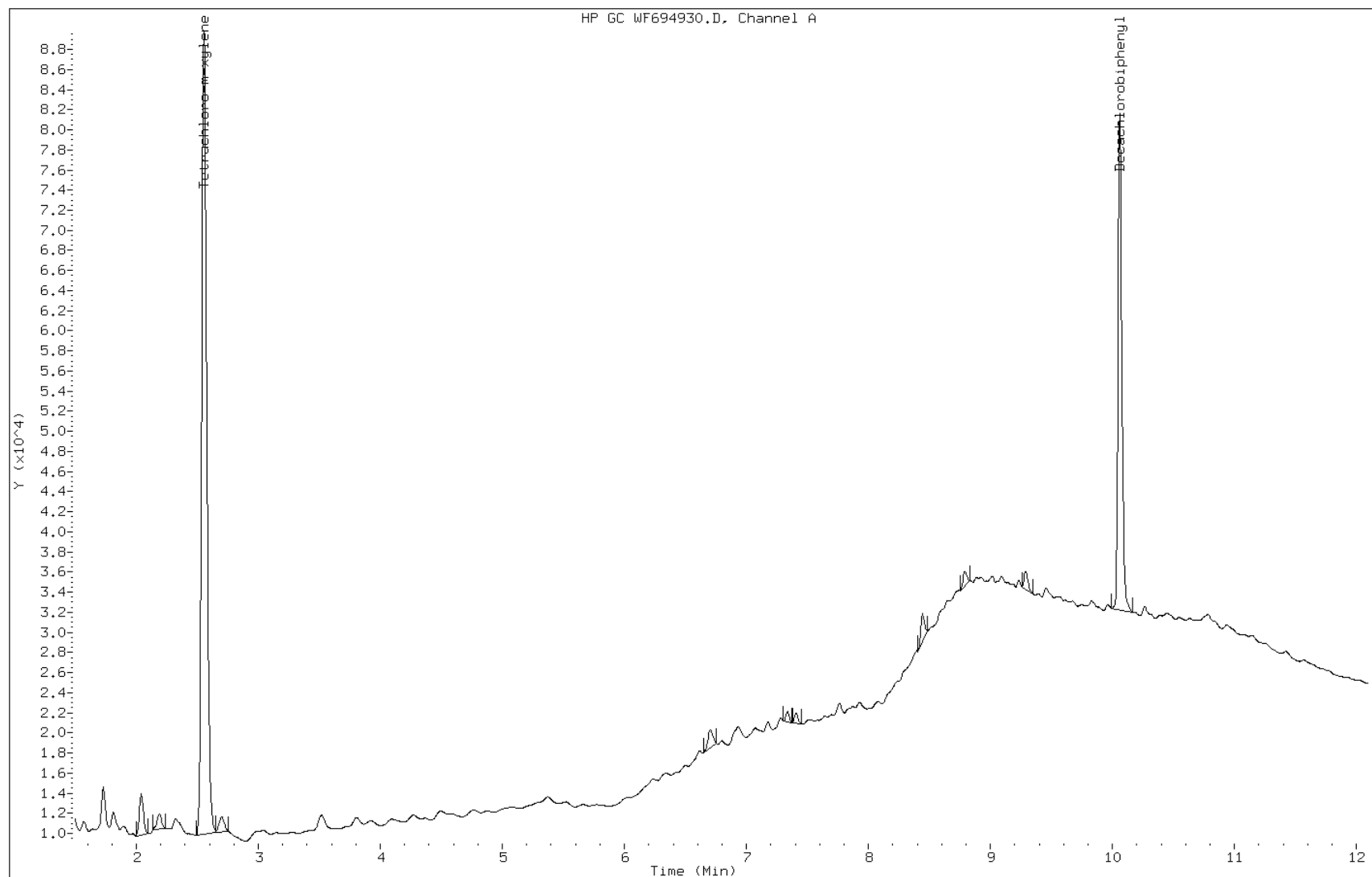
Date: 07-NOV-2011 08:09

Client ID: GW-17338-110211-MW2

Instrument: PESTGC4.i

Sample Info: 460-33168-F-1-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1

Matrix: Water Lab File ID: WR694930.D

Analysis Method: 8081A Date Collected: 11/02/2011 10:00

Extraction Method: 3510C Date Extracted: 11/04/2011 09:09

Sample wt/vol: 990 (mL) Date Analyzed: 11/07/2011 08:09

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

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

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

Analysis Batch No.: 92101 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.051	U	0.051	0.010
319-85-7	beta-BHC	0.051	U	0.051	0.011
319-86-8	delta-BHC	0.051	U	0.051	0.0091
58-89-9	gamma-BHC (Lindane)	0.051	U	0.051	0.012
76-44-8	Heptachlor	0.051	U	0.051	0.010
309-00-2	Aldrin	0.051	U	0.051	0.010
1024-57-3	Heptachlor epoxide	0.051	U	0.051	0.010
959-98-8	Endosulfan I	0.051	U	0.051	0.0091
60-57-1	Dieldrin	0.051	U	0.051	0.0051
72-55-9	4,4'-DDE	0.051	U	0.051	0.0091
72-20-8	Endrin	0.051	U	0.051	0.010
33213-65-9	Endosulfan II	0.051	U	0.051	0.010
72-54-8	4,4'-DDD	0.051	U	0.051	0.011
1031-07-8	Endosulfan sulfate	0.051	U	0.051	0.016
50-29-3	4,4'-DDT	0.051	U	0.051	0.010
72-43-5	Methoxychlor	0.051	U	0.051	0.013
53494-70-5	Endrin ketone	0.051	U	0.051	0.011
7421-93-4	Endrin aldehyde	0.051	U	0.051	0.0091
5103-71-9	alpha-Chlordane	0.051	U	0.051	0.0081
5103-74-2	gamma-Chlordane	0.051	U	0.051	0.0091
8001-35-2	Toxaphene	0.51	U	0.51	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	43		37-144
877-09-8	Tetrachloro-m-xylene	67		49-132

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694930.D
Lab Smp Id: 460-33168-F-1-C Client Smp ID: GW-17338-110211-MW2
Inj Date : 07-NOV-2011 08:09
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-F-1-C
Misc Info : 460-33168-F-1-C
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.040	2.037	0.003	185904	67.4759	0.34	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.103	9.103	0.000	95496	43.4008	0.22	80.00- 120.00	100.00		

Data File: WR694930.D

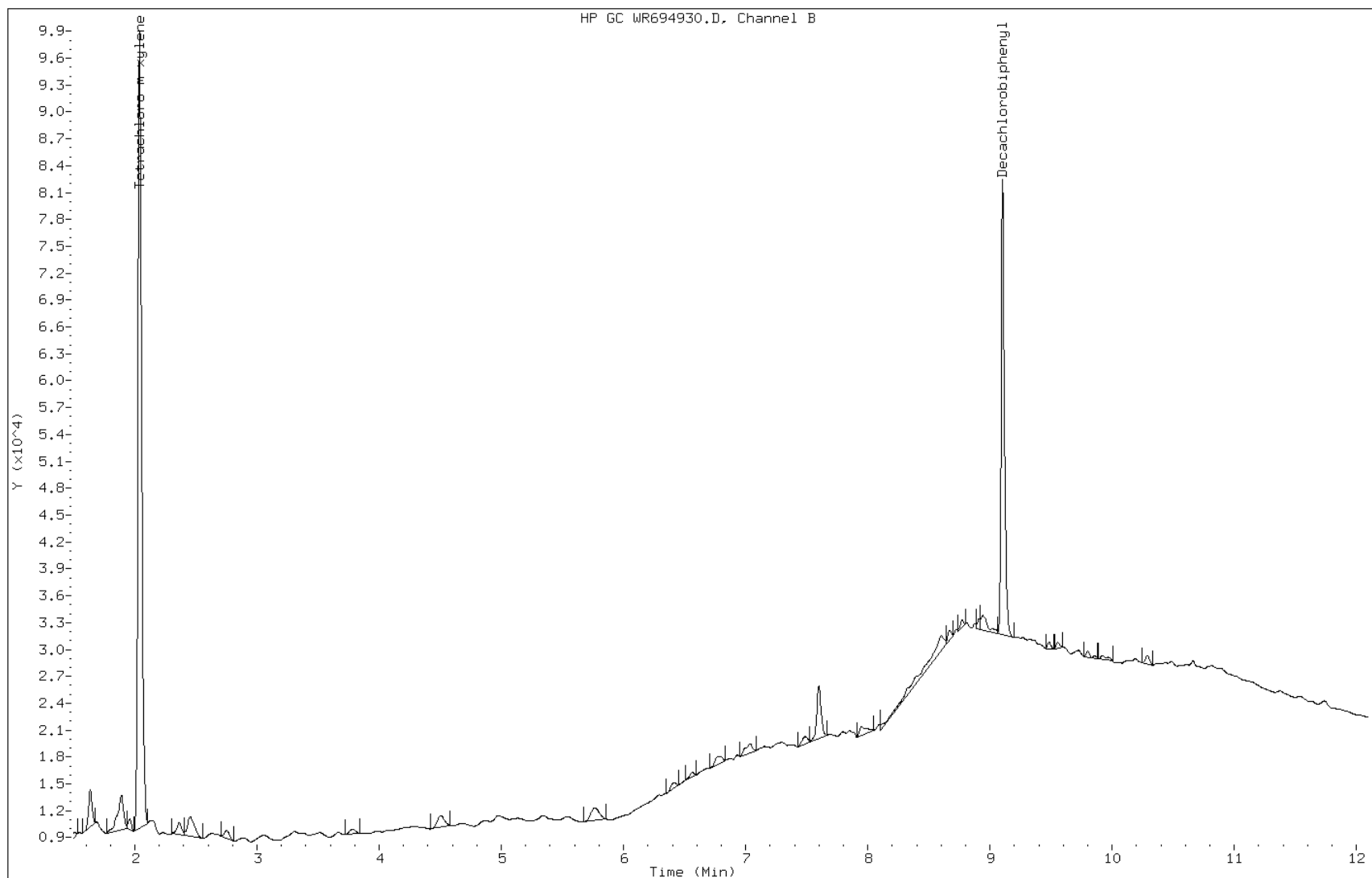
Date: 07-NOV-2011 08:09

Client ID: GW-17338-110211-MW2

Instrument: PESTGC4.i

Sample Info: 460-33168-F-1-C

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
Matrix: Water Lab File ID: WF694931.D
Analysis Method: 8081A Date Collected: 11/02/2011 11:30
Extraction Method: 3510C Date Extracted: 11/04/2011 09:09
Sample wt/vol: 990 (mL) Date Analyzed: 11/07/2011 08:23
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92101 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	38		37-144
877-09-8	Tetrachloro-m-xylene	68		49-132

Data File: WF694931.D
Report Date: 07-Nov-2011 10:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694931.D
Lab Smp Id: 460-33168-F-2-A Client Smp ID: FB-17338-110211-13
Inj Date : 07-NOV-2011 08:23
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-F-2-A
Misc Info : 460-33168-F-2-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:37 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:57 Cal File: WF694825.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.553	2.557	-0.004	209468	68.4833	0.34	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.060	10.060	0.000	80528	37.9585	0.19	80.00-	120.00	100.00	

Data File: WF694931.D

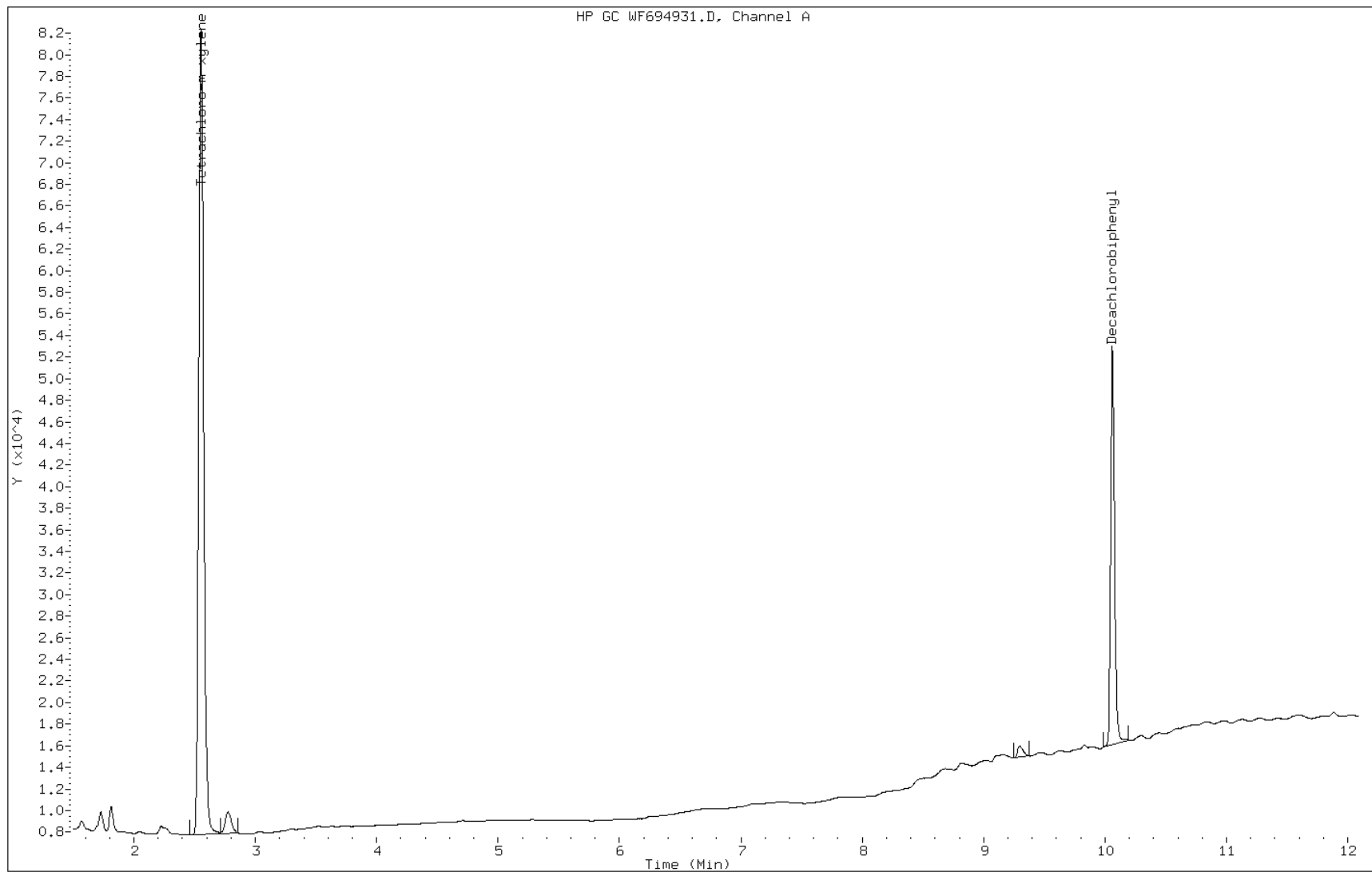
Date: 07-NOV-2011 08:23

Client ID: FB-17338-110211-13

Instrument: PESTGC4.i

Sample Info: 460-33168-F-2-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2

Matrix: Water Lab File ID: WR694931.D

Analysis Method: 8081A Date Collected: 11/02/2011 11:30

Extraction Method: 3510C Date Extracted: 11/04/2011 09:09

Sample wt/vol: 990 (mL) Date Analyzed: 11/07/2011 08:23

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

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

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

Analysis Batch No.: 92101 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.051	U	0.051	0.010
319-85-7	beta-BHC	0.051	U	0.051	0.011
319-86-8	delta-BHC	0.051	U	0.051	0.0091
58-89-9	gamma-BHC (Lindane)	0.051	U	0.051	0.012
76-44-8	Heptachlor	0.051	U	0.051	0.010
309-00-2	Aldrin	0.051	U	0.051	0.010
1024-57-3	Heptachlor epoxide	0.051	U	0.051	0.010
959-98-8	Endosulfan I	0.051	U	0.051	0.0091
60-57-1	Dieldrin	0.051	U	0.051	0.0051
72-55-9	4,4'-DDE	0.051	U	0.051	0.0091
72-20-8	Endrin	0.051	U	0.051	0.010
33213-65-9	Endosulfan II	0.051	U	0.051	0.010
72-54-8	4,4'-DDD	0.051	U	0.051	0.011
1031-07-8	Endosulfan sulfate	0.051	U	0.051	0.016
50-29-3	4,4'-DDT	0.051	U	0.051	0.010
72-43-5	Methoxychlor	0.051	U	0.051	0.013
53494-70-5	Endrin ketone	0.051	U	0.051	0.011
7421-93-4	Endrin aldehyde	0.051	U	0.051	0.0091
5103-71-9	alpha-Chlordane	0.051	U	0.051	0.0081
5103-74-2	gamma-Chlordane	0.051	U	0.051	0.0091
8001-35-2	Toxaphene	0.51	U	0.51	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	36	X	37-144
877-09-8	Tetrachloro-m-xylene	68		49-132

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694931.D
Lab Smp Id: 460-33168-F-2-A Client Smp ID: FB-17338-110211-13
Inj Date : 07-NOV-2011 08:23
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-F-2-A
Misc Info : 460-33168-F-2-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene			CAS #: 877-09-8						
2.037	2.037	0.000	187167	67.9343	0.34 80.00- 120.00	100.00			
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
9.103	9.103	0.000	79348	36.0619	0.18 80.00- 120.00	100.00(R)			

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR694931.D

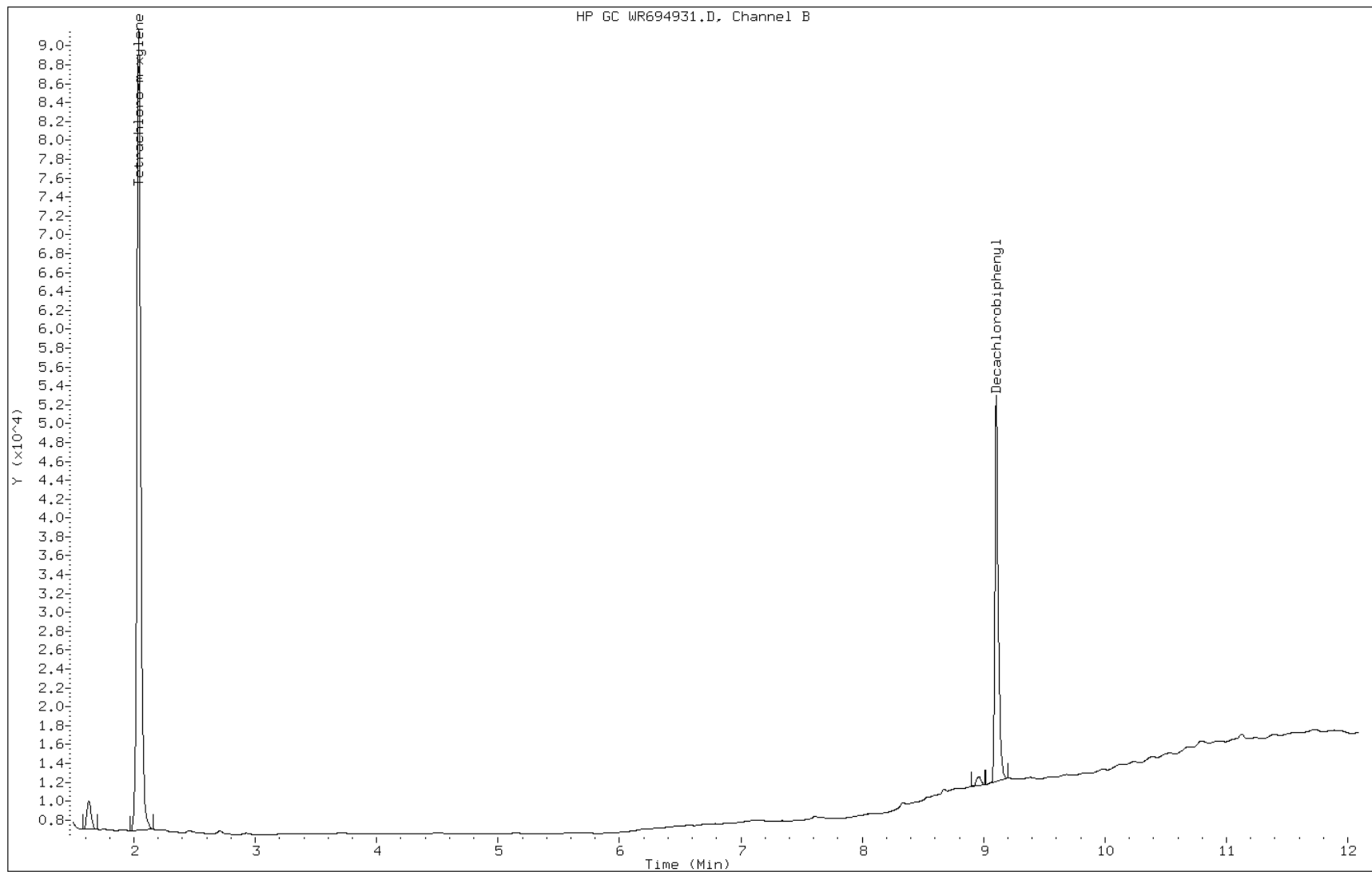
Date: 07-NOV-2011 08:23

Client ID: FB-17338-110211-13

Instrument: PESTGC4.i

Sample Info: 460-33168-F-2-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
Matrix: Water Lab File ID: WF694932.D
Analysis Method: 8081A Date Collected: 11/02/2011 12:15
Extraction Method: 3510C Date Extracted: 11/04/2011 09:09
Sample wt/vol: 990 (mL) Date Analyzed: 11/07/2011 08:37
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92101 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		37-144
877-09-8	Tetrachloro-m-xylene	82		49-132

Data File: WF694932.D
Report Date: 07-Nov-2011 10:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694932.D
Lab Smp Id: 460-33168-G-3-A Client Smp ID: GW-17338-110211-MW1
Inj Date : 07-NOV-2011 08:37
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-G-3-A
Misc Info : 460-33168-G-3-A
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:37 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:57 Cal File: WF694825.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.553	2.557	-0.004	252303	82.4878	0.42 80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.060	10.060	0.000	180111	84.8990	0.43 80.00- 120.00	100.00			

Data File: WF694932.D

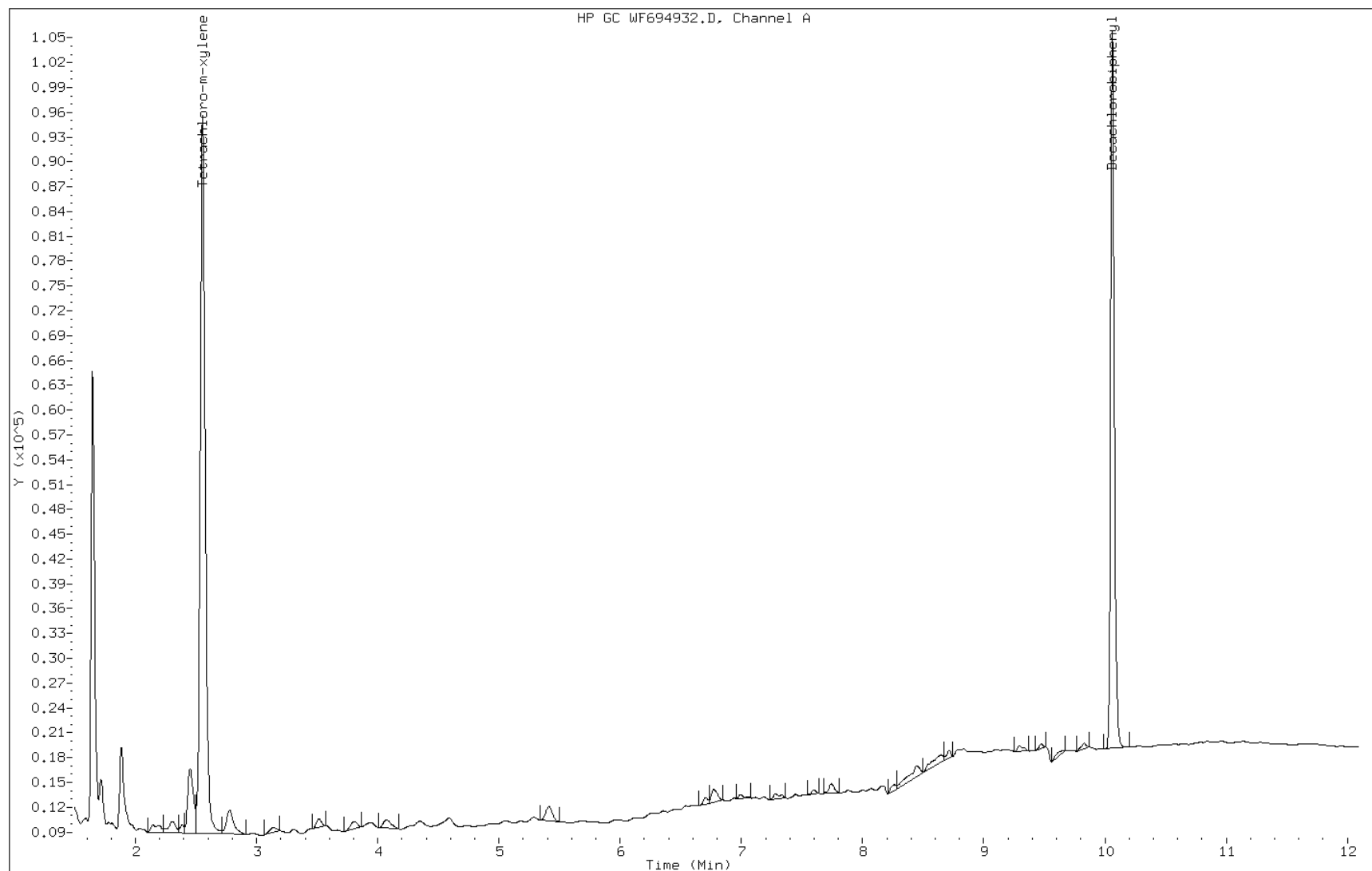
Date: 07-NOV-2011 08:37

Client ID: GW-17338-110211-MW1

Instrument: PESTGC4.i

Sample Info: 460-33168-G-3-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3

Matrix: Water Lab File ID: WR694932.D

Analysis Method: 8081A Date Collected: 11/02/2011 12:15

Extraction Method: 3510C Date Extracted: 11/04/2011 09:09

Sample wt/vol: 990 (mL) Date Analyzed: 11/07/2011 08:37

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

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

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

Analysis Batch No.: 92101 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	0.051	U	0.051	0.010
319-85-7	beta-BHC	0.051	U	0.051	0.011
319-86-8	delta-BHC	0.051	U	0.051	0.0091
58-89-9	gamma-BHC (Lindane)	0.051	U	0.051	0.012
76-44-8	Heptachlor	0.051	U	0.051	0.010
309-00-2	Aldrin	0.051	U	0.051	0.010
1024-57-3	Heptachlor epoxide	0.051	U	0.051	0.010
959-98-8	Endosulfan I	0.051	U	0.051	0.0091
60-57-1	Dieldrin	0.051	U	0.051	0.0051
72-55-9	4,4'-DDE	0.051	U	0.051	0.0091
72-20-8	Endrin	0.051	U	0.051	0.010
33213-65-9	Endosulfan II	0.051	U	0.051	0.010
72-54-8	4,4'-DDD	0.051	U	0.051	0.011
1031-07-8	Endosulfan sulfate	0.051	U	0.051	0.016
50-29-3	4,4'-DDT	0.051	U	0.051	0.010
72-43-5	Methoxychlor	0.051	U	0.051	0.013
53494-70-5	Endrin ketone	0.051	U	0.051	0.011
7421-93-4	Endrin aldehyde	0.051	U	0.051	0.0091
5103-71-9	alpha-Chlordane	0.051	U	0.051	0.0081
5103-74-2	gamma-Chlordane	0.051	U	0.051	0.0091
8001-35-2	Toxaphene	0.51	U	0.51	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		37-144
877-09-8	Tetrachloro-m-xylene	82		49-132

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694932.D
Lab Smp Id: 460-33168-G-3-A Client Smp ID: GW-17338-110211-MW1
Inj Date : 07-NOV-2011 08:37
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-G-3-A
Misc Info : 460-33168-G-3-A
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.037	2.037	0.000	225095	81.7007	0.41 80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.103	9.103	0.000	160375	72.8868	0.37 80.00- 120.00	100.00			

Data File: WR694932.D

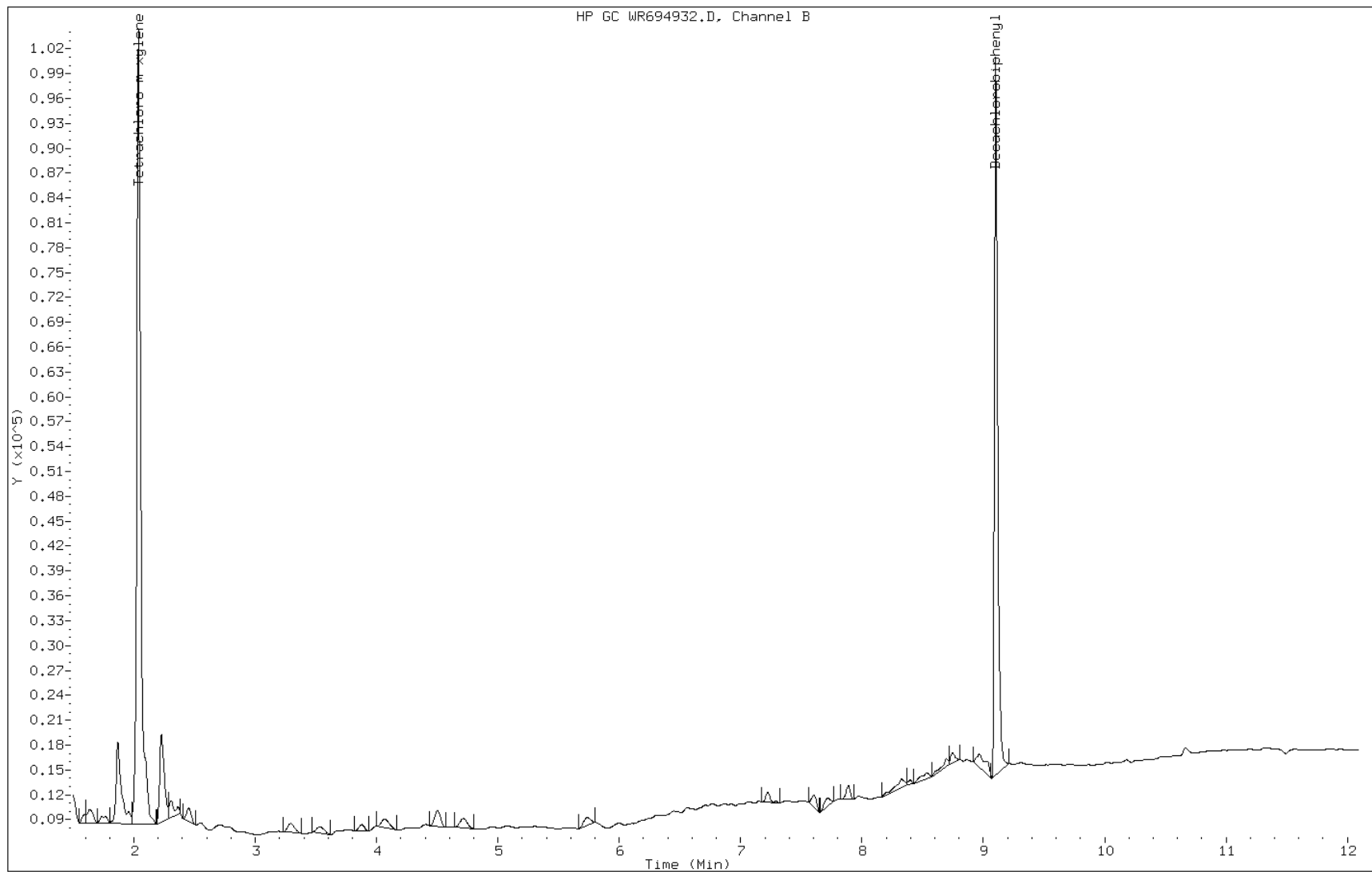
Date: 07-NOV-2011 08:37

Client ID: GW-17338-110211-MW1

Instrument: PESTGC4.i

Sample Info: 460-33168-G-3-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS

Matrix: Water Lab File ID: WF694928.D

Analysis Method: 8081A Date Collected: 11/02/2011 10:00

Extraction Method: 3510C Date Extracted: 11/04/2011 09:09

Sample wt/vol: 800 (mL) Date Analyzed: 11/07/2011 07:41

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

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

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

Analysis Batch No.: 92101 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	2.19		0.063	0.013
319-85-7	beta-BHC	2.01		0.063	0.014
319-86-8	delta-BHC	2.31		0.063	0.011
58-89-9	gamma-BHC (Lindane)	2.13		0.063	0.015
76-44-8	Heptachlor	2.12		0.063	0.013
309-00-2	Aldrin	2.08		0.063	0.013
1024-57-3	Heptachlor epoxide	2.24		0.063	0.013
959-98-8	Endosulfan I	2.27		0.063	0.011
60-57-1	Dieldrin	2.30		0.063	0.0063
72-55-9	4,4'-DDE	2.20		0.063	0.011
72-20-8	Endrin	2.38		0.063	0.013
33213-65-9	Endosulfan II	2.29		0.063	0.013
72-54-8	4,4'-DDD	2.41		0.063	0.014
1031-07-8	Endosulfan sulfate	2.57		0.063	0.020
50-29-3	4,4'-DDT	2.55		0.063	0.013
72-43-5	Methoxychlor	2.74		0.063	0.016
53494-70-5	Endrin ketone	2.61		0.063	0.014
7421-93-4	Endrin aldehyde	2.32		0.063	0.011
5103-71-9	alpha-Chlordane	2.16		0.063	0.010
5103-74-2	gamma-Chlordane	2.20		0.063	0.011
8001-35-2	Toxaphene	0.63	U	0.63	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	54		37-144
877-09-8	Tetrachloro-m-xylene	79		49-132

Data File: WF694928.D
Report Date: 07-Nov-2011 10:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694928.D
Lab Smp Id: 460-33168-F-1-A
Inj Date : 07-NOV-2011 07:41
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-F-1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:37 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:57 Cal File: WF694825.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.553	2.557	-0.004	242141	79.1654	0.40	80.00-	120.00	100.00

2 alpha-BHC								
3.807	3.807	0.000	1445363	349.729	1.7	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
4.570	4.573	-0.003	1306065	341.549	1.7	80.00-	120.00	100.00

3 beta-BHC								
4.733	4.737	-0.004	578440	321.145	1.6	80.00-	120.00	100.00

4 delta-BHC								
5.380	5.380	0.000	1289899	370.012	1.8	80.00-	120.00	100.00

Data File: WF694928.D
Report Date: 07-Nov-2011 10:37

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE	TARGET	RANGE	RATIO
			ON-COL	FINAL				
==	=====	=====	=====	=====	=====	=====	=====	=====
17	Heptachlor				CAS #: 76-44-8			
5.550	5.553	-0.003	1213569	339.489	1.7	80.00-	120.00	100.00

1	Aldrin				CAS #: 309-00-2			
6.223	6.227	-0.004	1099047	332.234	1.7	80.00-	120.00	100.00

18	Heptachlor epoxide				CAS #: 1024-57-3			
6.883	6.883	0.000	994582	357.612	1.8	80.00-	120.00	100.00

65	gamma-Chlordane				CAS #: 5103-74-2			
7.080	7.083	-0.003	1011655	351.328	1.8	80.00-	120.00	100.00

66	alpha-Chlordane				CAS #: 5103-71-9			
7.233	7.233	0.000	931492	346.308	1.7	80.00-	120.00	100.00

11	Endosulfan I				CAS #: 959-98-8			
7.303	7.307	-0.004	948045	362.745	1.8	80.00-	120.00	100.00

8	4,4'-DDE				CAS #: 72-55-9			
7.380	7.383	-0.003	938964	351.747	1.8	80.00-	120.00	100.00

10	Dieldrin				CAS #: 60-57-1			
7.597	7.600	-0.003	1026224	367.923	1.8	80.00-	120.00	100.00

14	Endrin				CAS #: 72-20-8			
7.940	7.940	0.000	885250	381.113	1.9	80.00-	120.00	100.00

7	4,4'-DDD				CAS #: 72-54-8			
8.017	8.020	-0.003	818573	386.053	1.9	80.00-	120.00	100.00

12	Endosulfan II				CAS #: 33213-65-9			
8.167	8.170	-0.003	877403	365.637	1.8	80.00-	120.00	100.00

9	4,4'-DDT				CAS #: 50-29-3			
8.343	8.343	0.000	777988	407.425	2.0	80.00-	120.00	100.00

15	Endrin aldehyde				CAS #: 7421-93-4			
8.470	8.470	0.000	657967	371.219	1.8	80.00-	120.00	100.00

13	Endosulfan sulfate				CAS #: 1031-07-8			
8.677	8.677	0.000	764263	410.783	2.0	80.00-	120.00	100.00

19	Methoxychlor				CAS #: 72-43-5			
8.843	8.847	-0.004	445166	438.561	2.2	80.00-	120.00	100.00

16	Endrin ketone				CAS #: 53494-70-5			
9.060	9.060	0.000	904792	418.184	2.1	80.00-	120.00	100.00

Data File: WF694928.D
 Report Date: 07-Nov-2011 10:37

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3			
10.060	10.060	0.000	115476	54.4320	0.27	80.00-	120.00	100.00

Data File: WF694928.D

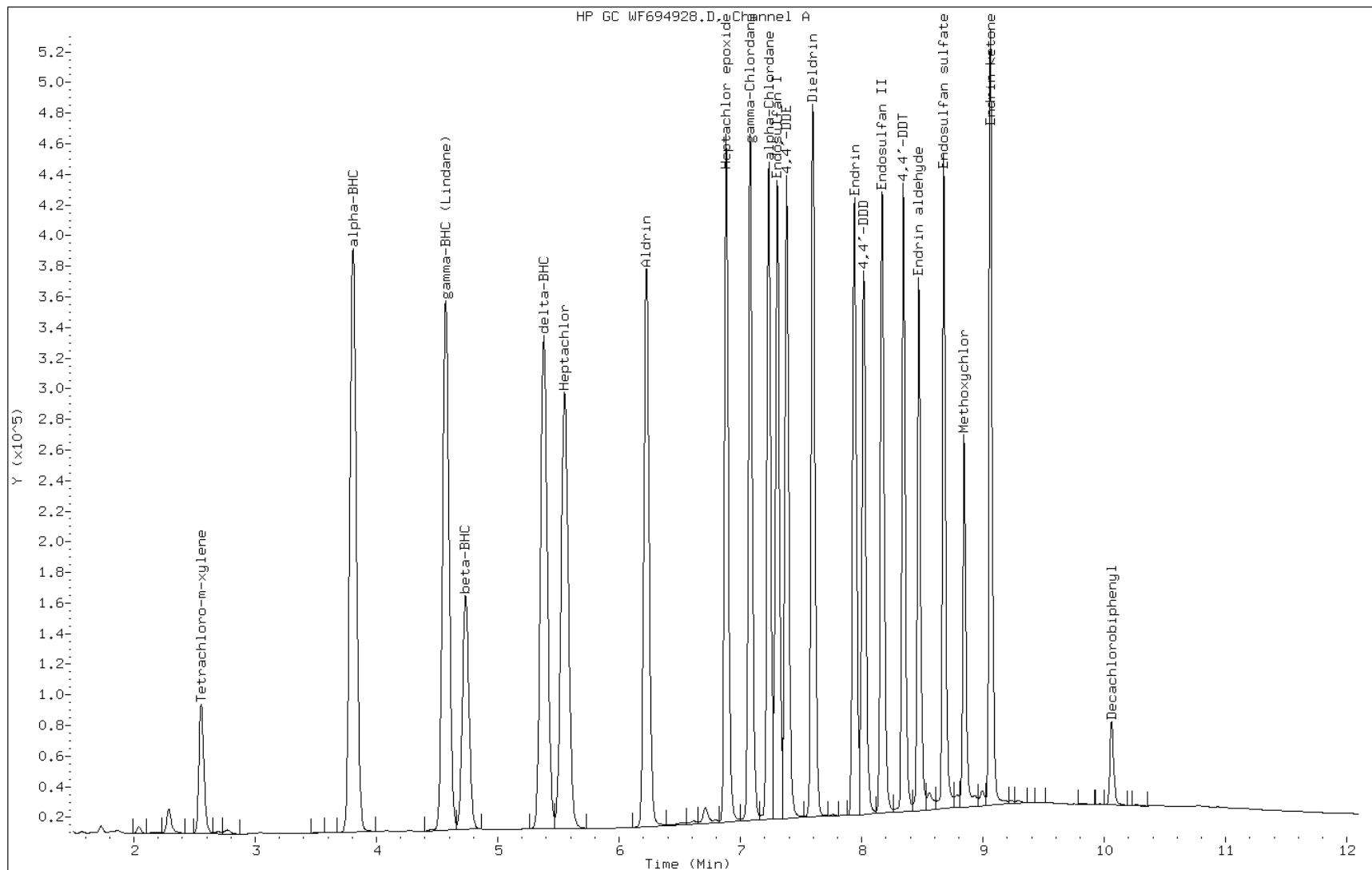
Date: 07-NOV-2011 07:41

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-33168-F-1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS

Matrix: Water Lab File ID: WR694928.D

Analysis Method: 8081A Date Collected: 11/02/2011 10:00

Extraction Method: 3510C Date Extracted: 11/04/2011 09:09

Sample wt/vol: 800 (mL) Date Analyzed: 11/07/2011 07:41

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

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

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

Analysis Batch No.: 92101 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	2.06		0.063	0.013
319-85-7	beta-BHC	1.98		0.063	0.014
319-86-8	delta-BHC	2.26		0.063	0.011
58-89-9	gamma-BHC (Lindane)	2.13		0.063	0.015
76-44-8	Heptachlor	2.03		0.063	0.013
309-00-2	Aldrin	2.03		0.063	0.013
1024-57-3	Heptachlor epoxide	2.06		0.063	0.013
959-98-8	Endosulfan I	2.01		0.063	0.011
60-57-1	Dieldrin	2.17		0.063	0.0063
72-55-9	4,4'-DDE	2.20		0.063	0.011
72-20-8	Endrin	2.23		0.063	0.013
33213-65-9	Endosulfan II	2.11		0.063	0.013
72-54-8	4,4'-DDD	2.23		0.063	0.014
1031-07-8	Endosulfan sulfate	2.13		0.063	0.020
50-29-3	4,4'-DDT	2.17		0.063	0.013
72-43-5	Methoxychlor	2.12		0.063	0.016
53494-70-5	Endrin ketone	2.23		0.063	0.014
7421-93-4	Endrin aldehyde	1.98		0.063	0.011
5103-71-9	alpha-Chlordane	2.02		0.063	0.010
5103-74-2	gamma-Chlordane	2.00		0.063	0.011
8001-35-2	Toxaphene	0.63	U	0.63	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	47		37-144
877-09-8	Tetrachloro-m-xylene	78		49-132

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694928.D
Lab Smp Id: 460-33168-F-1-A
Inj Date : 07-NOV-2011 07:41
Operator :
Smp Info : 460-33168-F-1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie
Cal Date : 03-NOV-2011 08:30
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: WR694823.D
QC Sample: MS
Compound Sublist: Allpest.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.037	2.037	0.000	213877	77.6290	0.39	80.00-	120.00	100.00

2 alpha-BHC					CAS #: 319-84-6			
2.680	2.680	0.000	1234962	329.083	1.6	80.00-	120.00	100.00

5 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.293	3.293	0.000	1193257	340.258	1.7	80.00-	120.00	100.00

3 beta-BHC					CAS #: 319-85-7			
3.460	3.460	0.000	527786	316.989	1.6	80.00-	120.00	100.00

4 delta-BHC					CAS #: 319-86-8			
3.807	3.803	0.004	1171394	362.097	1.8	80.00-	120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE	TARGET	RANGE	RATIO
			ON-COL	FINAL				
==	=====	=====	(ug/L)	(ug/L)	=====	=====	=====	=====
17 Heptachlor					CAS #: 76-44-8			
4.210	4.210	0.000	1122608	324.682	1.6	80.00-	120.00	100.00

1 Aldrin					CAS #: 309-00-2			
4.803	4.800	0.003	1045255	324.993	1.6	80.00-	120.00	100.00

18 Heptachlor epoxide					CAS #: 1024-57-3			
6.027	6.027	0.000	1007392	328.826	1.6	80.00-	120.00	100.00

65 gamma-Chlordane					CAS #: 5103-74-2			
6.223	6.223	0.000	959415	320.544	1.6	80.00-	120.00	100.00

66 alpha-Chlordane					CAS #: 5103-71-9			
6.397	6.393	0.004	872770	323.093	1.6	80.00-	120.00	100.00

8 4,4'-DDE					CAS #: 72-55-9			
6.477	6.477	0.000	864057	352.162	1.8	80.00-	120.00	100.00

11 Endosulfan I					CAS #: 959-98-8			
6.553	6.553	0.000	890471	322.356	1.6	80.00-	120.00	100.00

10 Dieldrin					CAS #: 60-57-1			
6.797	6.793	0.004	944438	347.071	1.7	80.00-	120.00	100.00

14 Endrin					CAS #: 72-20-8			
7.027	7.027	0.000	824043	357.234	1.8	80.00-	120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8			
7.073	7.077	-0.004	805200	356.470	1.8	80.00-	120.00	100.00

12 Endosulfan II					CAS #: 33213-65-9			
7.250	7.250	0.000	811622	337.997	1.7	80.00-	120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3			
7.353	7.353	0.000	801051	347.098	1.7	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4			
7.677	7.680	-0.003	644123	316.299	1.6	80.00-	120.00	100.00

19 Methoxychlor					CAS #: 72-43-5			
7.850	7.853	-0.003	428527	339.480	1.7	80.00-	120.00	100.00

13 Endosulfan sulfate					CAS #: 1031-07-8			
8.143	8.143	0.000	718776	340.259	1.7	80.00-	120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5			
8.403	8.403	0.000	836870	356.209	1.8	80.00-	120.00	100.00

Data File: WR694928.D
Report Date: 07-Nov-2011 10:37

Page 3

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/l)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.103	9.103	0.000		103372	46.9802	0.23	80.00- 120.00	100.00	

Data File: WR694928.D

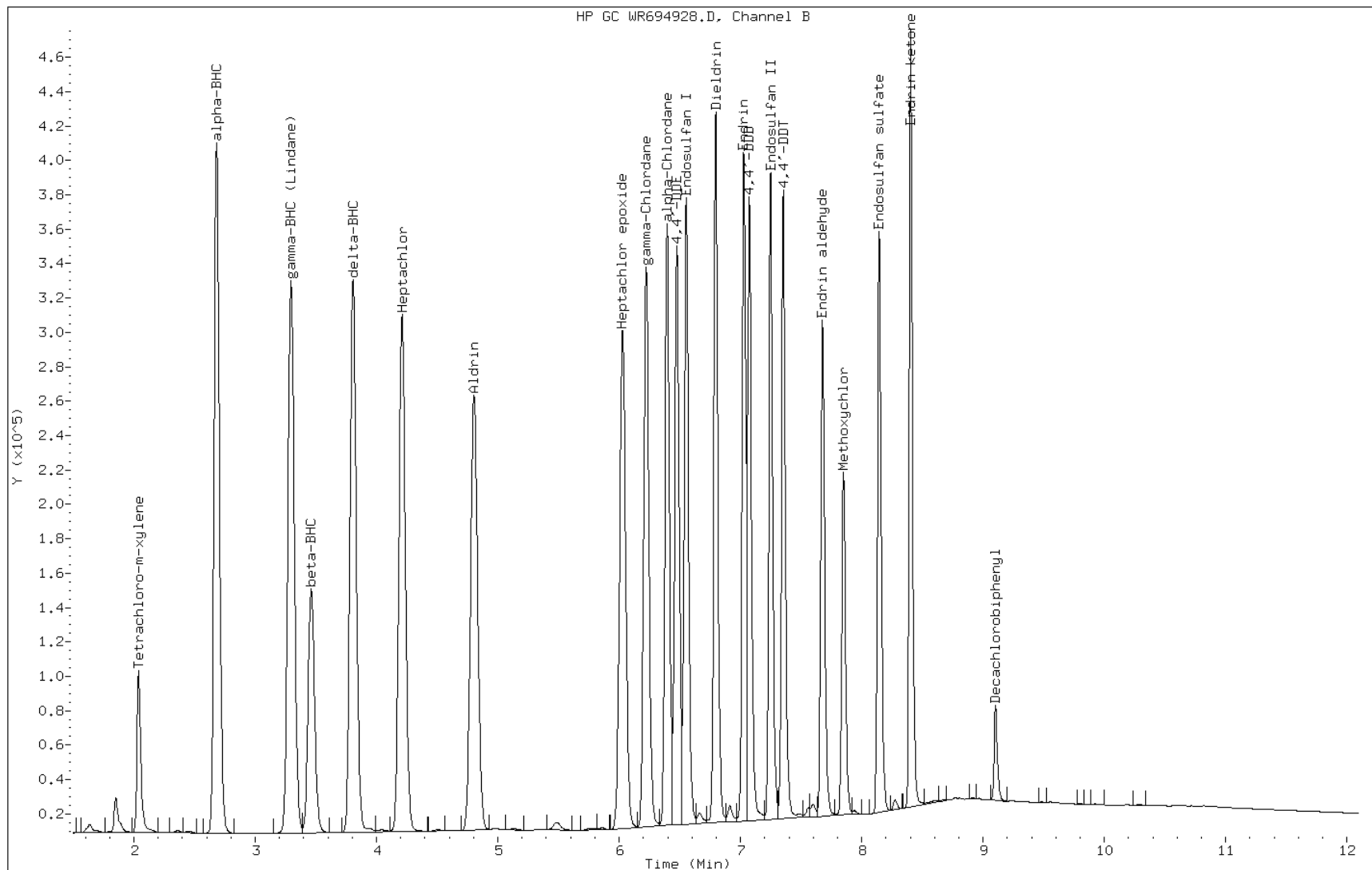
Date: 07-NOV-2011 07:41

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-33168-F-1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD

Matrix: Water Lab File ID: WF694929.D

Analysis Method: 8081A Date Collected: 11/02/2011 10:00

Extraction Method: 3510C Date Extracted: 11/04/2011 09:09

Sample wt/vol: 800 (mL) Date Analyzed: 11/07/2011 07:55

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

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

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

Analysis Batch No.: 92101 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	2.07		0.063	0.013
319-85-7	beta-BHC	1.97		0.063	0.014
319-86-8	delta-BHC	2.24		0.063	0.011
58-89-9	gamma-BHC (Lindane)	2.05		0.063	0.015
76-44-8	Heptachlor	2.06		0.063	0.013
309-00-2	Aldrin	1.99		0.063	0.013
1024-57-3	Heptachlor epoxide	2.12		0.063	0.013
959-98-8	Endosulfan I	2.16		0.063	0.011
60-57-1	Dieldrin	2.19		0.063	0.0063
72-55-9	4,4'-DDE	2.12		0.063	0.011
72-20-8	Endrin	2.28		0.063	0.013
33213-65-9	Endosulfan II	2.18		0.063	0.013
72-54-8	4,4'-DDD	2.32		0.063	0.014
1031-07-8	Endosulfan sulfate	2.38		0.063	0.020
50-29-3	4,4'-DDT	2.41		0.063	0.013
72-43-5	Methoxychlor	2.49		0.063	0.016
53494-70-5	Endrin ketone	2.45		0.063	0.014
7421-93-4	Endrin aldehyde	2.19		0.063	0.011
5103-71-9	alpha-Chlordane	2.10		0.063	0.010
5103-74-2	gamma-Chlordane	2.11		0.063	0.011
8001-35-2	Toxaphene	0.63	U	0.63	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	51		37-144
877-09-8	Tetrachloro-m-xylene	77		49-132

Data File: WF694929.D
Report Date: 07-Nov-2011 10:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694929.D
Lab Smp Id: 460-33168-F-1-B
Inj Date : 07-NOV-2011 07:55
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-F-1-B
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:37 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:57 Cal File: WF694825.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE		RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene									
2.550	2.557	-0.007	234461	76.6545	0.38	80.00-	120.00		100.00

2 alpha-BHC									
3.803	3.807	-0.004	1369471	331.366	1.6	80.00-	120.00		100.00

5 gamma-BHC (Lindane)									
4.567	4.573	-0.006	1257124	328.751	1.6	80.00-	120.00		100.00

3 beta-BHC									
4.730	4.737	-0.007	567187	314.898	1.6	80.00-	120.00		100.00

4 delta-BHC									
5.370	5.380	-0.010	1250402	358.682	1.8	80.00-	120.00		100.00

Data File: WF694929.D
Report Date: 07-Nov-2011 10:37

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE	TARGET RANGE	RATIO
			ON-COL	FINAL			
==	=====	=====	(ug/L)	(ug/L)	=====	=====	=====
17 Heptachlor					CAS #: 76-44-8		
5.543	5.553	-0.010	1178922	329.797	1.6	80.00- 120.00	100.00

1 Aldrin					CAS #: 309-00-2		
6.220	6.227	-0.007	1055247	318.994	1.6	80.00- 120.00	100.00

18 Heptachlor epoxide					CAS #: 1024-57-3		
6.880	6.883	-0.003	942461	338.871	1.7	80.00- 120.00	100.00

65 gamma-Chlordane					CAS #: 5103-74-2		
7.077	7.083	-0.006	971046	337.225	1.7	80.00- 120.00	100.00

66 alpha-Chlordane					CAS #: 5103-71-9		
7.230	7.233	-0.003	902945	335.695	1.7	80.00- 120.00	100.00

11 Endosulfan I					CAS #: 959-98-8		
7.303	7.307	-0.004	901920	345.097	1.7	80.00- 120.00	100.00

8 4,4'-DDE					CAS #: 72-55-9		
7.380	7.383	-0.003	907088	339.806	1.7	80.00- 120.00	100.00

10 Dieldrin					CAS #: 60-57-1		
7.597	7.600	-0.003	978736	350.897	1.8	80.00- 120.00	100.00

14 Endrin					CAS #: 72-20-8		
7.937	7.940	-0.003	845552	364.023	1.8	80.00- 120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8		
8.017	8.020	-0.003	787918	371.596	1.8	80.00- 120.00	100.00

12 Endosulfan II					CAS #: 33213-65-9		
8.167	8.170	-0.003	838078	349.250	1.7	80.00- 120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3		
8.343	8.343	0.000	736014	385.444	1.9	80.00- 120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4		
8.470	8.470	0.000	619990	349.793	1.7	80.00- 120.00	100.00

13 Endosulfan sulfate					CAS #: 1031-07-8		
8.677	8.677	0.000	708304	380.706	1.9	80.00- 120.00	100.00

19 Methoxychlor					CAS #: 72-43-5		
8.843	8.847	-0.004	405133	399.122	2.0	80.00- 120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5		
9.060	9.060	0.000	846994	391.471	2.0	80.00- 120.00	100.00

Data File: WF694929.D
 Report Date: 07-Nov-2011 10:37

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET	RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====	=====		
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
10.060	10.060	0.000	108946	51.3539	0.26	80.00-	120.00	100.00	

Data File: WF694929.D

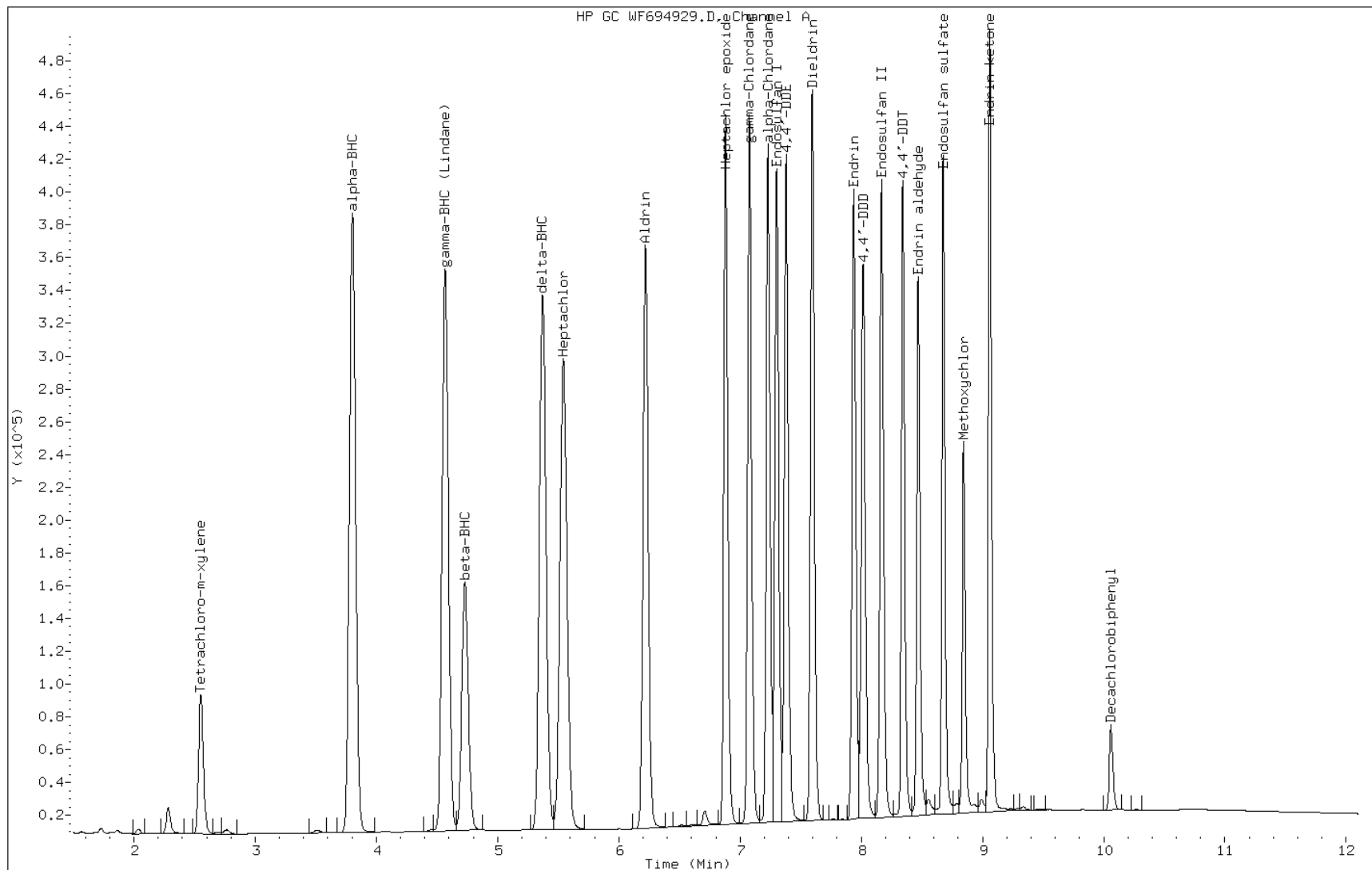
Date: 07-NOV-2011 07:55

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-33168-F-1-B

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD

Matrix: Water Lab File ID: WR694929.D

Analysis Method: 8081A Date Collected: 11/02/2011 10:00

Extraction Method: 3510C Date Extracted: 11/04/2011 09:09

Sample wt/vol: 800 (mL) Date Analyzed: 11/07/2011 07:55

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

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

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

Analysis Batch No.: 92101 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
319-84-6	alpha-BHC	1.94		0.063	0.013
319-85-7	beta-BHC	1.93		0.063	0.014
319-86-8	delta-BHC	2.18		0.063	0.011
58-89-9	gamma-BHC (Lindane)	2.03		0.063	0.015
76-44-8	Heptachlor	1.96		0.063	0.013
309-00-2	Aldrin	1.97		0.063	0.013
1024-57-3	Heptachlor epoxide	1.99		0.063	0.013
959-98-8	Endosulfan I	1.93		0.063	0.011
60-57-1	Dieldrin	2.06		0.063	0.0063
72-55-9	4,4'-DDE	2.12		0.063	0.011
72-20-8	Endrin	2.10		0.063	0.013
33213-65-9	Endosulfan II	2.03		0.063	0.013
72-54-8	4,4'-DDD	2.16		0.063	0.014
1031-07-8	Endosulfan sulfate	2.05		0.063	0.020
50-29-3	4,4'-DDT	2.08		0.063	0.013
72-43-5	Methoxychlor	2.03		0.063	0.016
53494-70-5	Endrin ketone	2.13		0.063	0.014
7421-93-4	Endrin aldehyde	1.90		0.063	0.011
5103-71-9	alpha-Chlordane	1.98		0.063	0.010
5103-74-2	gamma-Chlordane	1.95		0.063	0.011
8001-35-2	Toxaphene	0.63	U	0.63	0.25

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	46		37-144
877-09-8	Tetrachloro-m-xylene	72		49-132

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694929.D
Lab Smp Id: 460-33168-F-1-B
Inj Date : 07-NOV-2011 07:55
Operator : Inst ID: PESTGC4.i
Smp Info : 460-33168-F-1-B
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.037	2.037	0.000	198385	72.0060	0.36	80.00-	120.00	100.00

2 alpha-BHC								
2.677	2.680	-0.003	1164674	310.354	1.6	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
3.287	3.293	-0.006	1139873	325.036	1.6	80.00-	120.00	100.00

3 beta-BHC								
3.457	3.460	-0.003	514559	309.045	1.5	80.00-	120.00	100.00

4 delta-BHC								
3.807	3.803	0.004	1129924	349.278	1.7	80.00-	120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE	TARGET RANGE	RATIO
			ON-COL	FINAL			
==	=====	=====	(ug/L)	(ug/L)	=====	=====	=====
17 Heptachlor					CAS #: 76-44-8		
4.210	4.210	0.000	1084602	313.690	1.6 80.00- 120.00	100.00	
1 Aldrin					CAS #: 309-00-2		
4.793	4.800	-0.007	1011534	314.509	1.6 80.00- 120.00	100.00	
18 Heptachlor epoxide					CAS #: 1024-57-3		
6.027	6.027	0.000	976042	318.593	1.6 80.00- 120.00	100.00	
65 gamma-Chlordane					CAS #: 5103-74-2		
6.220	6.223	-0.003	934553	312.238	1.6 80.00- 120.00	100.00	
66 alpha-Chlordane					CAS #: 5103-71-9		
6.393	6.393	0.000	855275	316.616	1.6 80.00- 120.00	100.00	
8 4,4'-DDE					CAS #: 72-55-9		
6.470	6.477	-0.007	830623	338.536	1.7 80.00- 120.00	100.00	
11 Endosulfan I					CAS #: 959-98-8		
6.550	6.553	-0.003	851623	308.293	1.5 80.00- 120.00	100.00	
10 Dieldrin					CAS #: 60-57-1		
6.790	6.793	-0.003	896874	329.592	1.6 80.00- 120.00	100.00	
14 Endrin					CAS #: 72-20-8		
7.023	7.027	-0.004	775055	335.997	1.7 80.00- 120.00	100.00	
7 4,4'-DDD					CAS #: 72-54-8		
7.073	7.077	-0.004	780447	345.512	1.7 80.00- 120.00	100.00	
12 Endosulfan II					CAS #: 33213-65-9		
7.247	7.250	-0.003	778154	324.059	1.6 80.00- 120.00	100.00	
9 4,4'-DDT					CAS #: 50-29-3		
7.353	7.353	0.000	769598	333.469	1.7 80.00- 120.00	100.00	
15 Endrin aldehyde					CAS #: 7421-93-4		
7.677	7.680	-0.003	617512	303.231	1.5 80.00- 120.00	100.00	
19 Methoxychlor					CAS #: 72-43-5		
7.850	7.853	-0.003	409328	324.270	1.6 80.00- 120.00	100.00	
13 Endosulfan sulfate					CAS #: 1031-07-8		
8.143	8.143	0.000	693382	328.238	1.6 80.00- 120.00	100.00	
16 Endrin ketone					CAS #: 53494-70-5		
8.403	8.403	0.000	801559	341.179	1.7 80.00- 120.00	100.00	

Data File: WR694929.D
Report Date: 07-Nov-2011 10:37

Page 3

				CONCENTRATIONS					
				ON-COL	FINAL				
RT	EXP RT	DLT RT		RESPONSE (ug/L)	(ug/l)	TARGET	RANGE	RATIO	
==	=====	=====		=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.103	9.103	0.000		101816	46.2731	0.23	80.00- 120.00	100.00	

Data File: WR694929.D

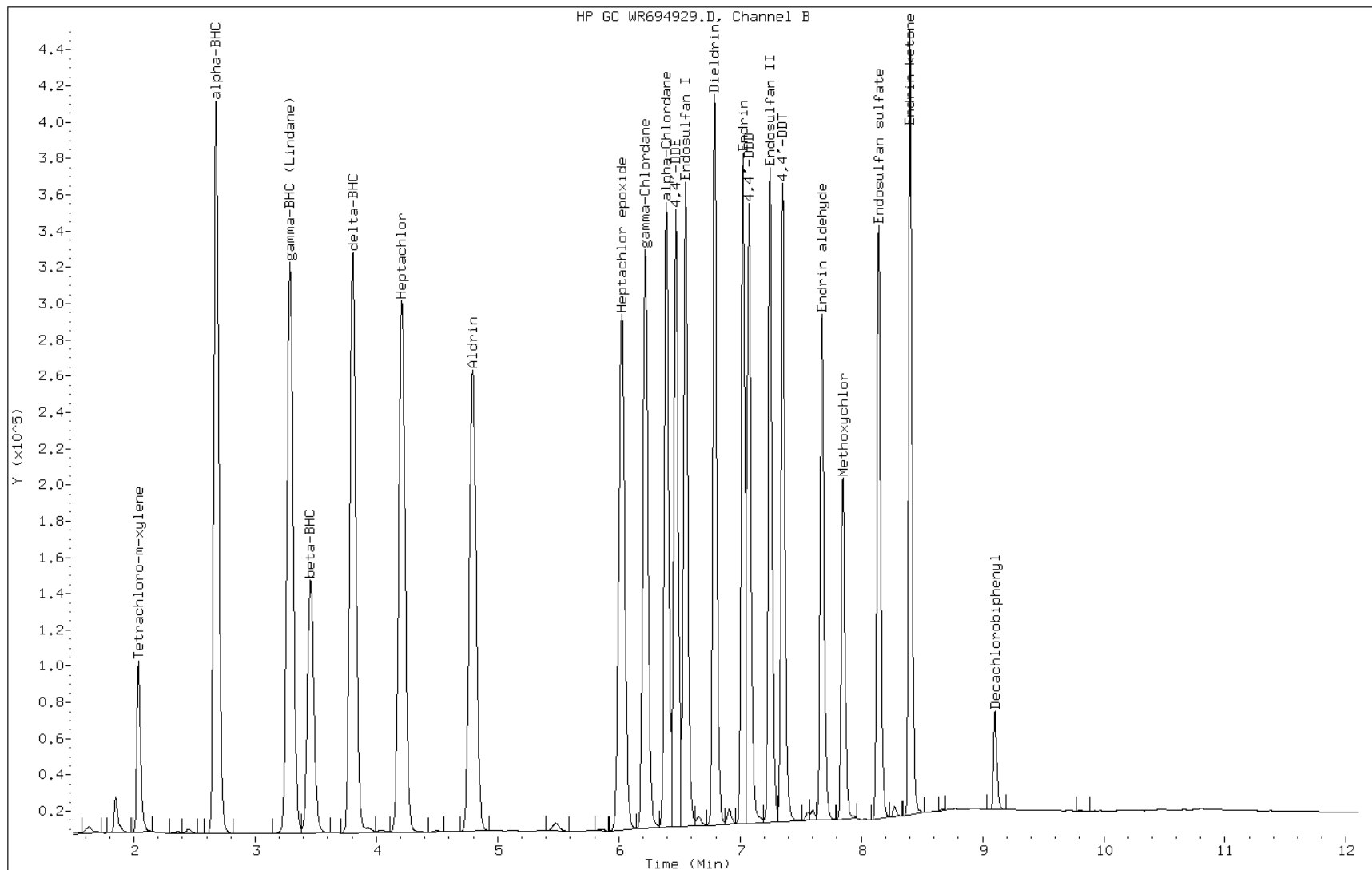
Date: 07-NOV-2011 07:55

Client ID:

Instrument: PESTGC4.i

Sample Info: 460-33168-F-1-B

Operator:



GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: PESTGC4 Start Date: 11/07/2011 04:54Analysis Batch Number: 92101 End Date: 11/07/2011 09:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/07/2011 04:54	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 04:54	1		CLP-1 0.53 (mm)
RESC 460-92101/3		11/07/2011 05:22	1	WF694919.D	CLP-2 0.53 (mm)
RESC 460-92101/3		11/07/2011 05:22	1	WR694919.D	CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 06:17	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 06:17	1		CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 06:32	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 06:32	1		CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 06:45	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 06:45	1		CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 06:59	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 06:59	1		CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 07:13	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 07:13	1		CLP-1 0.53 (mm)
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/07/2011 07:41	1	WF694928.D	CLP-2 0.53 (mm)
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/07/2011 07:41	1	WR694928.D	CLP-1 0.53 (mm)
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	11/07/2011 07:55	1	WF694929.D	CLP-2 0.53 (mm)
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	11/07/2011 07:55	1	WR694929.D	CLP-1 0.53 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/07/2011 08:09	1	WF694930.D	CLP-2 0.53 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/07/2011 08:09	1	WR694930.D	CLP-1 0.53 (mm)
460-33168-2	FB-17338-110211-13	11/07/2011 08:23	1	WF694931.D	CLP-2 0.53 (mm)
460-33168-2	FB-17338-110211-13	11/07/2011 08:23	1	WR694931.D	CLP-1 0.53 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/07/2011 08:37	1	WF694932.D	CLP-2 0.53 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/07/2011 08:37	1	WR694932.D	CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 08:56	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 08:56	1		CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 09:09	1		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 09:09	1		CLP-1 0.53 (mm)
ZZZZZ		11/07/2011 09:23	2		CLP-2 0.53 (mm)
ZZZZZ		11/07/2011 09:23	2		CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem1/PESTGC4.i/808IT/rear/Nov11/11-07-11/07nov11a.b

Date Generated: 11/07/2011
Page 1

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
11/07/11 0454	WR694917	1	HEXANE	07nov11a	11/04/11	15	10	1	SAMPLE	M	92101
11/07/11 0508	WR694918	2	SGPIBLK_00008	07nov11a		15	10	1	SAMPLE		
11/07/11 0522	WR694919	3	SGRESC_00008	07nov11a		15	10	1	SAMPLE		
11/07/11 0536	WR694920	4	SGDDT/Ei_00015	07nov11a		15	10	1	SAMPLE		
11/07/11 0550	WR694921	5	SGPESTL3_00010	M		0	0	1	CCALIB_3		
11/07/11 0617	WR694922	6	MB 460-91979/1-A	07nov11a		1000	5	1	SAMPLE		
11/07/11 0632	WR694923	7	LCS 460-91979/2-	M		1000	5	1	BS		
11/07/11 0645	WR694924	8	LCS 460-91979/3			1000	5	1	BSD		
11/07/11 0659	WR694925	9	460-31340-A-14-F	460-91979	11/04/11	880	5	1	SAMPLE		
11/07/11 0713	WR694926	10	LB 460-91804/1-E	07nov11a		1000	5	1	SAMPLE		
11/07/11 0727	WR694927	11	LCS 460-91855/2-	M		1000	5	1	BS		
11/07/11 0741	WR694928	12	460-33168-F-1-A	07nov11a		1000	5	1	MS		
11/07/11 0755	WR694929	13	460-33168-F-1-B	07nov11a		1000	5	1	MSD		
11/07/11 0809	WR694930	14	460-33168-F-1-C	460-91855	11/04/11	990	5	1	SAMPLE		

11/07/11
11/07/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC4.i
Analytical Batch: /chem/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b

Date Generated: 11/07/2011
Page 2

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
11/07/11 0823	WR694931		460-33168-F-2-A	460-91855	11/04/11	990	5	1	SAMPLE	M	S
11/07/11 0837	WR694932	15	460-33168-G-3-A	460-91855	11/04/11	990	5	1	SAMPLE		S
11/07/11 0856	WR694933	16	460-33188-G-1-A	460-91855	11/04/11	990	5	1	SAMPLE		S
11/07/11 0909	WR694934	17	460-32588-L-3-B	460-91855	11/04/11	990	5	1	SAMPLE		S
11/07/11 0923	WR694935	18	460-33137-F-6-B	460-91695	11/03/11	15	10	2	SAMPLE		S
11/07/11 0937	WR694936	19	MB 460-91855/1-A	07nov11a			1000	5	1	SAMPLE	S
11/07/11 0951	WR694937	20	PIELK_00008	07nov11a			1000	5	1	SAMPLE	S
11/07/11 1005	WR694938	21	PESTL3_00010				0	0	1	CCALIB_3	S

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Signed: [Signature] Read and Understood by: [Signature]
Date: 11/07/11 Date: 11/07/11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 91855 Batch Start Date: 11/04/11 09:09 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: 11/04/11 22:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PESTSP 00008	OPPSTPCBSU 00018	
460-33168-F-1 MS	GW-17338-110211- MW28-12	3510C, 8081A	T	7	800 mL	5 mL	100 uL	50 uL	
460-33168-F-1 MSD	GW-17338-110211- MW28-12	3510C, 8081A	T	7	800 mL	5 mL	100 uL	50 uL	
460-33168-F-1	GW-17338-110211- MW28-12	3510C, 8081A	T	7	990 mL	5 mL		50 uL	
460-33168-F-2	FB-17338-110211- 13	3510C, 8081A	T	7	990 mL	5 mL		50 uL	
460-33168-G-3	GW-17338-110211- MW105-14	3510C, 8081A	T	7	990 mL	5 mL		50 uL	

Batch Notes	
Concentration End Time	2200
Concentration Start Time	2100
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	K37E14
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	K12590
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	KK39E12
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP

Basis	Basis Description
T	Total/NA

Data File: WF694936.D
Report Date: 07-Nov-2011 10:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694936.D
Lab Smp Id: MB 460-91855/1-A
Inj Date : 07-NOV-2011 09:37
Operator :
Smp Info : MB 460-91855/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:38 ferdie
Cal Date : 03-NOV-2011 08:57
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: WF694825.D
Compound Sublist: Allpest.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.557	2.553	0.004	265718	86.8740	0.43	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.060	10.060	0.000	167119	78.7751	0.39	80.00- 120.00	100.00		

Data File: WF694936.D

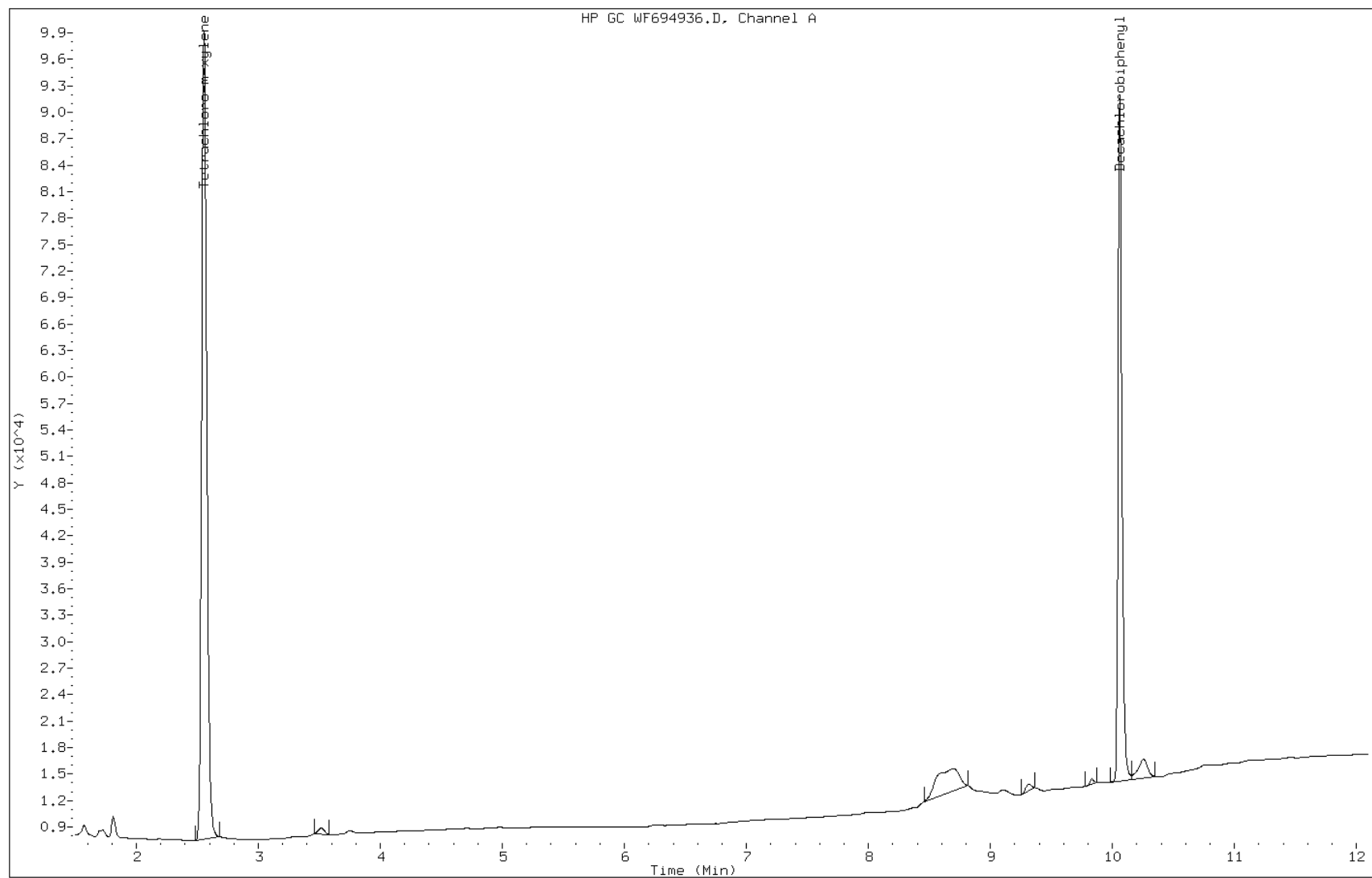
Date: 07-NOV-2011 09:37

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-91855/1-A

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694936.D
Lab Smp Id: MB 460-91855/1-A
Inj Date : 07-NOV-2011 09:37
Operator :
Smp Info : MB 460-91855/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.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: WATER

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.037	2.037	0.000	229197	83.1898	0.42	80.00-	120.00	100.00	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.103	9.103	0.000	169457	77.0148	0.38	80.00-	120.00	100.00	

Data File: WR694936.D

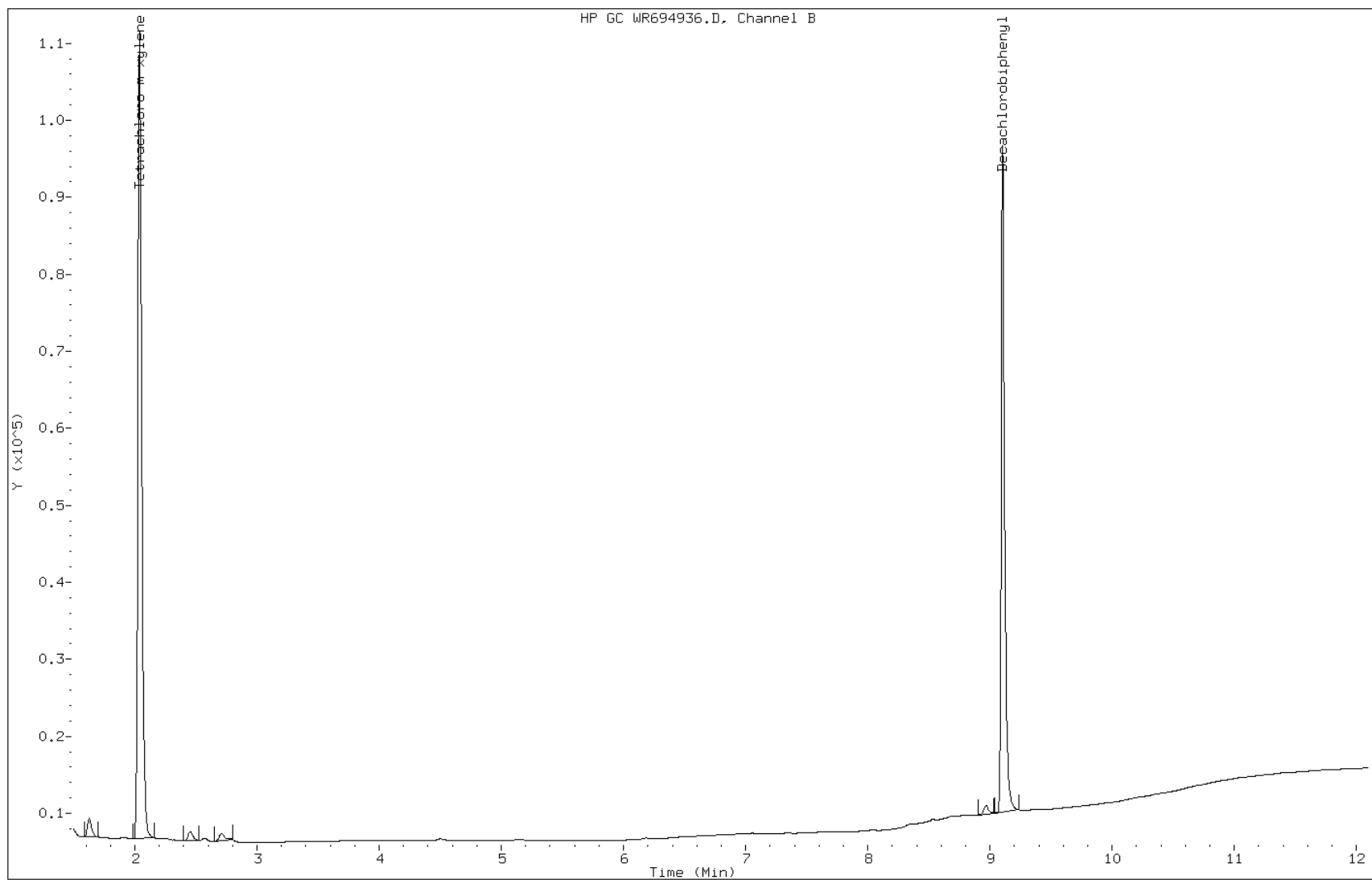
Date: 07-NOV-2011 09:37

Client ID:

Instrument: PESTGC4.i

Sample Info: MB 460-91855/1-A

Operator:



Data File: WF694918.D
Report Date: 07-Nov-2011 10:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694918.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 07-NOV-2011 05:08
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:24 ferdie
Cal Date : 03-NOV-2011 08:57
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: WF694825.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									
2.540	2.553	-0.013	71417	23.3490	16	80.00- 120.00	100.00		

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.060	10.060	0.000	49839	23.4926	16	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WF694918.D

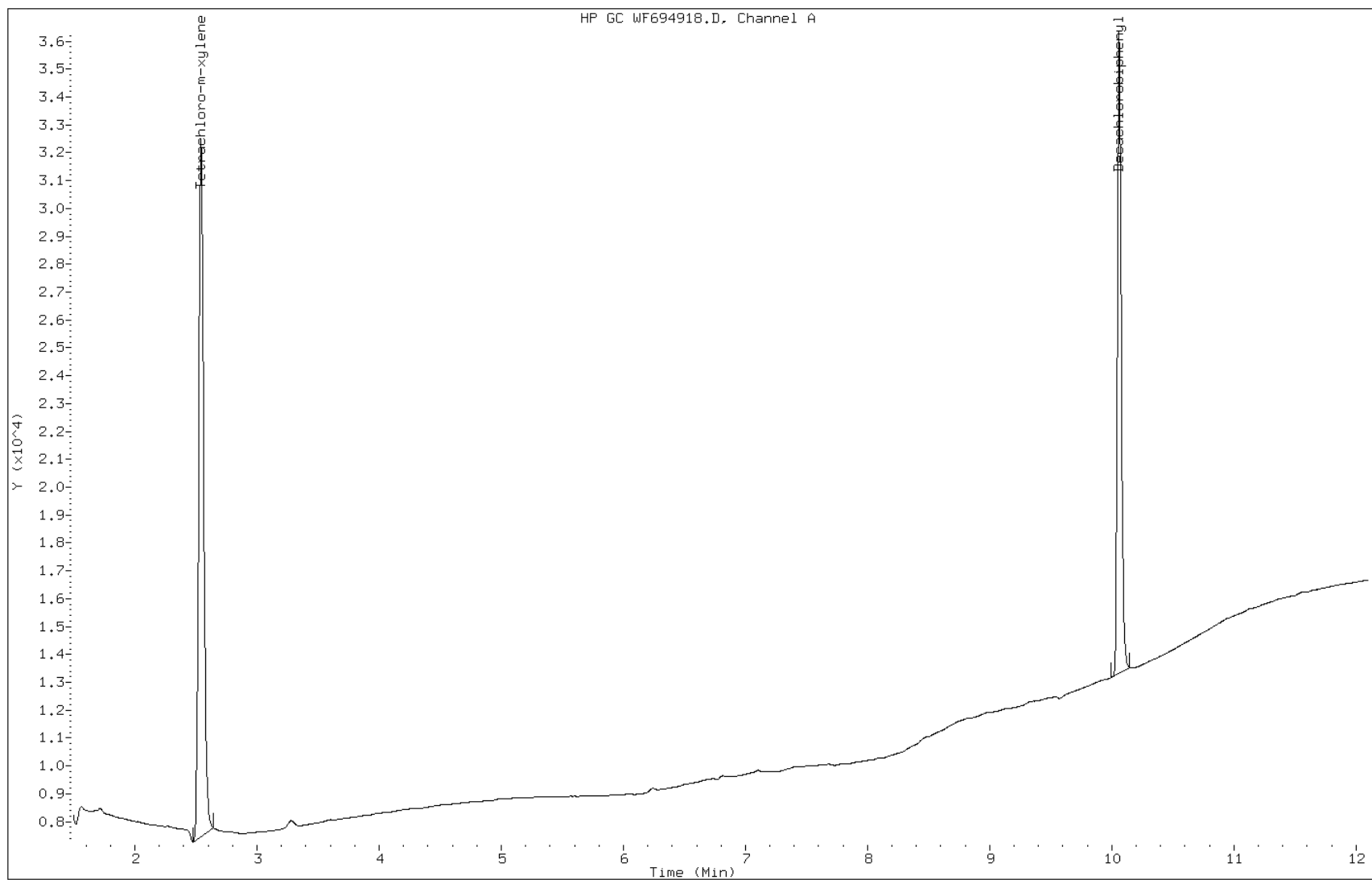
Date: 07-NOV-2011 05:08

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694918.D
Lab Smp Id: SGPIBLK_00008
Inj Date : 07-NOV-2011 05:08
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.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									
2.030	2.037	-0.007	61762 22.4172	15	80.00- 120.00	100.00			

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.103	9.103	0.000	51002 23.1793	15	80.00- 120.00	100.00(R)			

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: WR694918.D

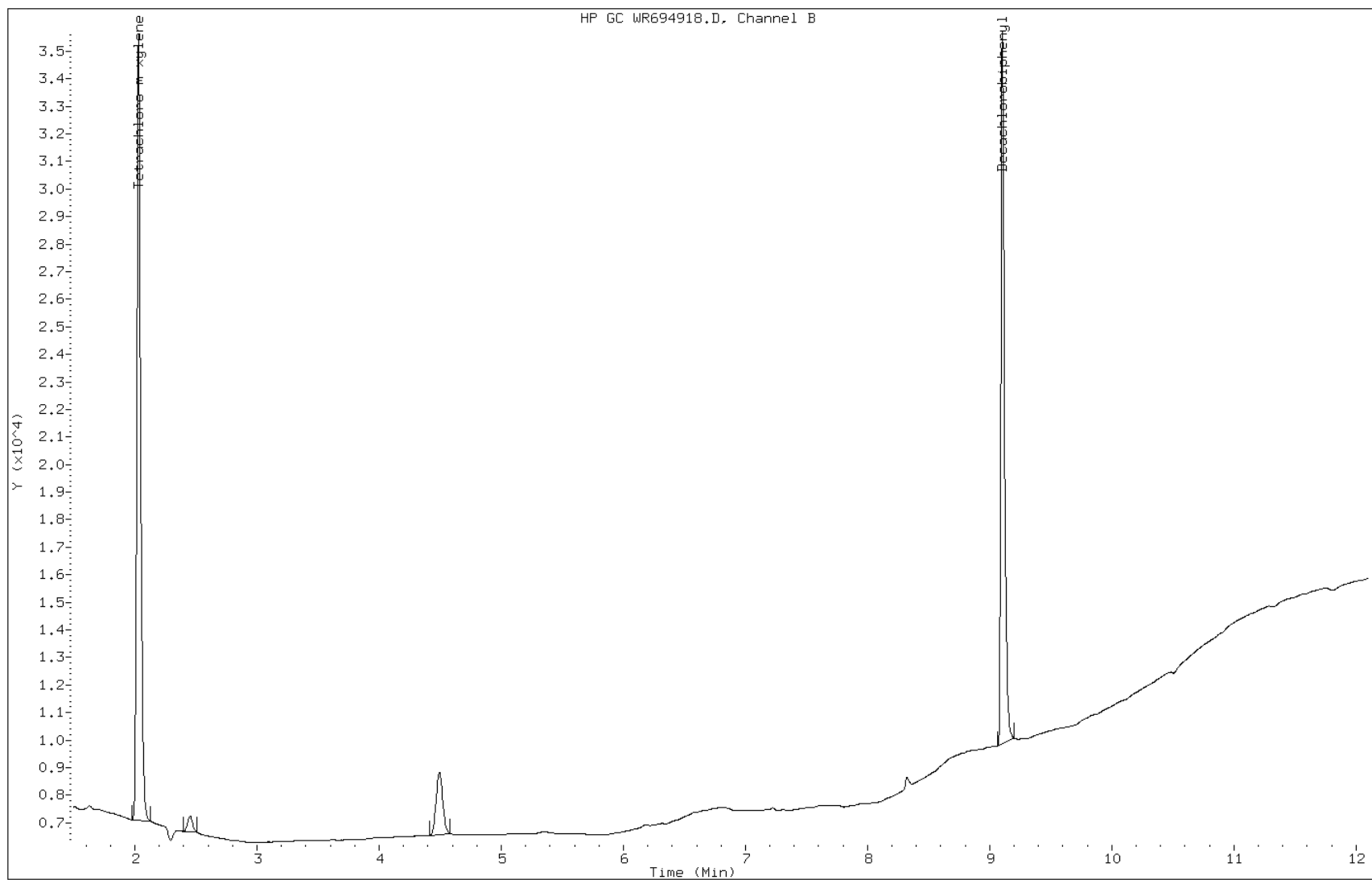
Date: 07-NOV-2011 05:08

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



Data File: WF694937.D
Report Date: 07-Nov-2011 10:38

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694937.D
Lab Smp Id: PIBLK_00008
Inj Date : 07-NOV-2011 09:51
Operator : Inst ID: PESTGC4.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:37 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:57 Cal File: WF694825.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.550	2.557	-0.007	74497	24.3560	0.12	80.00-	120.00	100.00(aR)	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
10.060	10.060	0.000	52472	24.7337	0.12	80.00-	120.00	100.00(aR)	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: WF694937.D

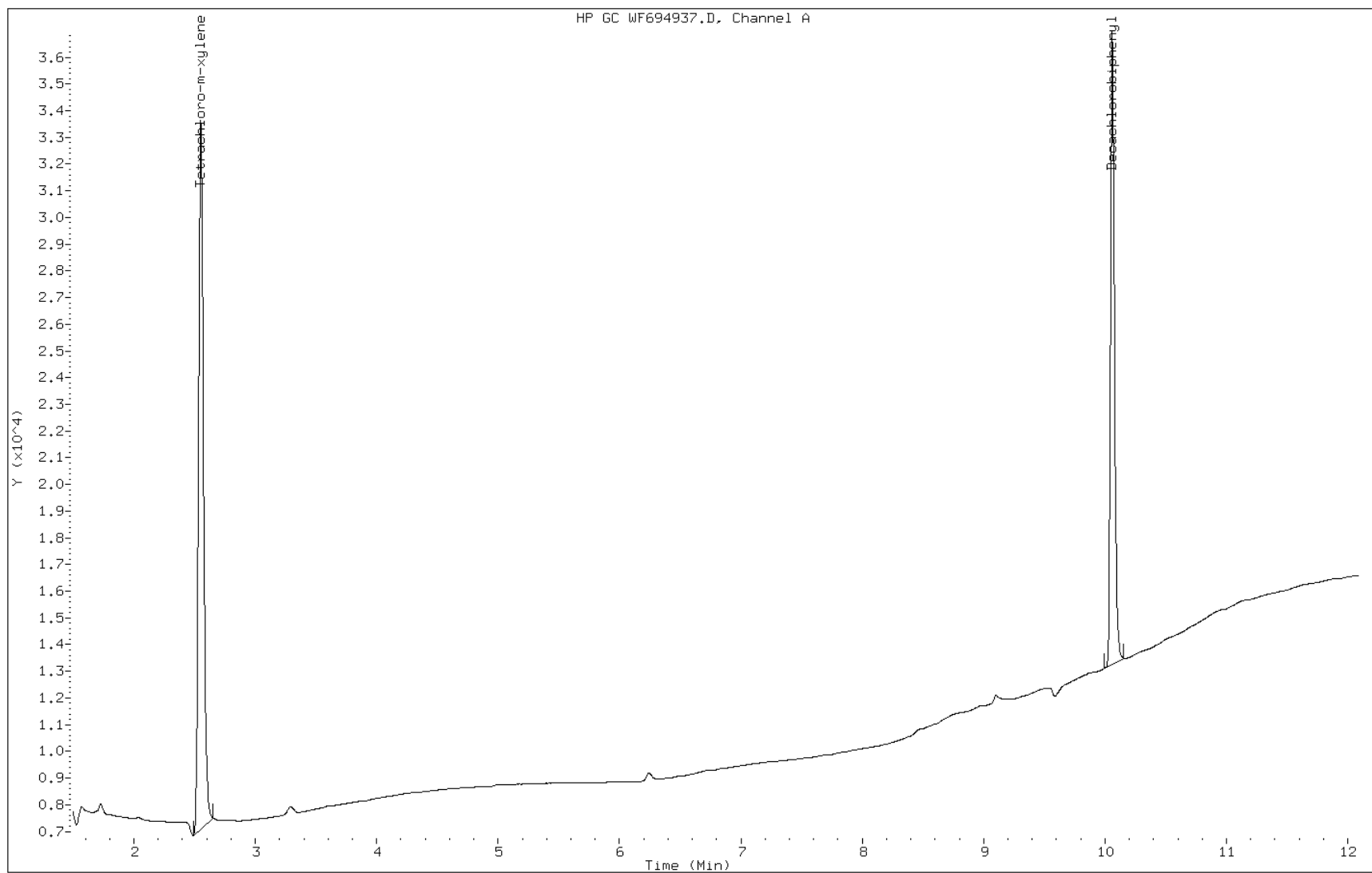
Date: 07-NOV-2011 09:51

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694937.D
Lab Smp Id: PIBLK_00008
Inj Date : 07-NOV-2011 09:51
Operator : Inst ID: PESTGC4.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Compound Sublist: Allpest.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene CAS #: 877-09-8									
2.037	2.037	0.000	65162	23.6513	0.12	80.00-	120.00	100.00(aR)	

\$ 30 Decachlorobiphenyl CAS #: 2051-24-3									
9.103	9.103	0.000	49258	22.3866	0.11	80.00-	120.00	100.00(aR)	

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: WR694937.D

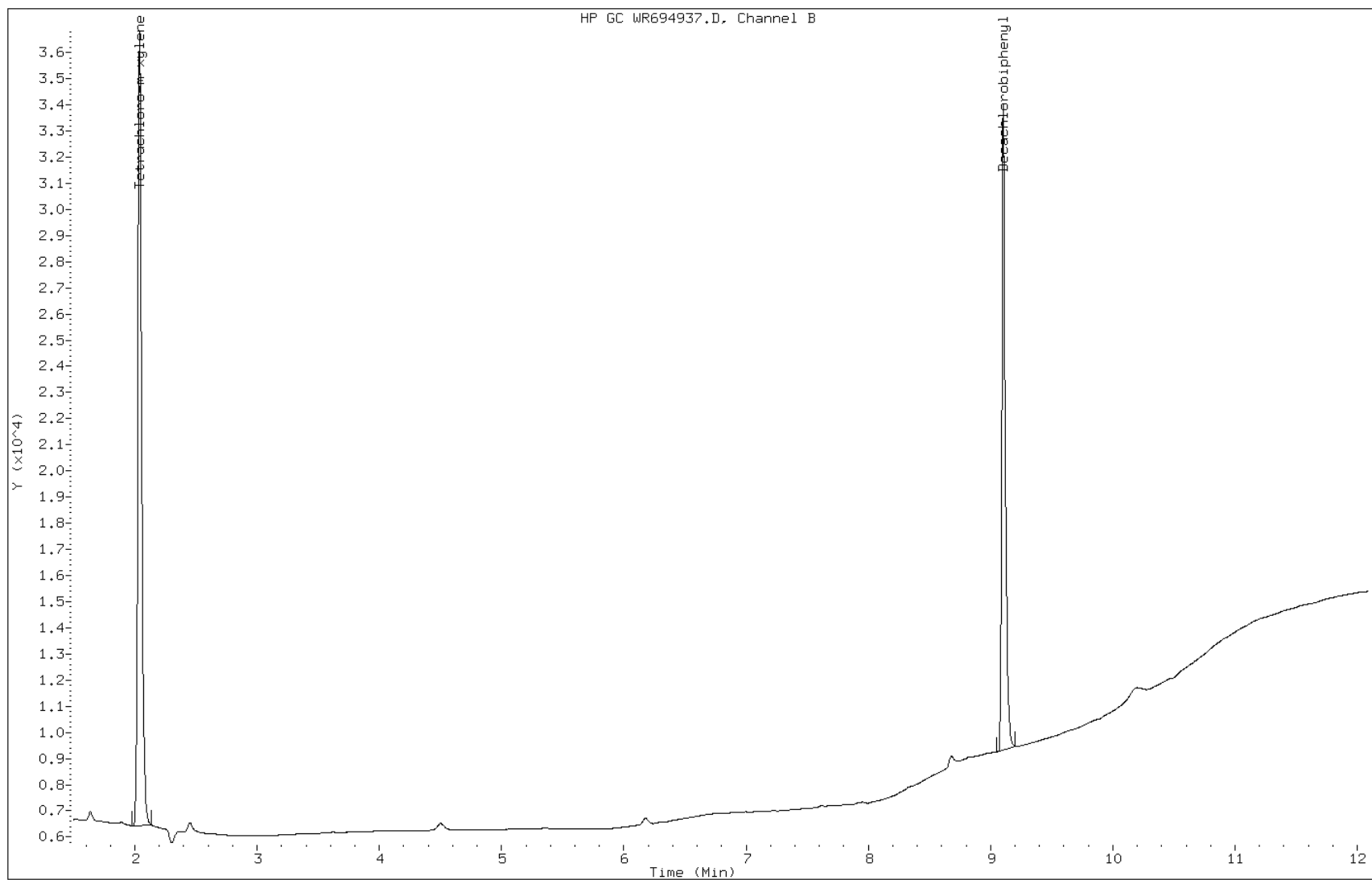
Date: 07-NOV-2011 09:51

Client ID:

Instrument: PESTGC4.i

Sample Info: SGPIBLK_00008

Operator:



Data File: WF694927.D
Report Date: 07-Nov-2011 10:37

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/WF694927.D
Lab Smp Id: LCS 460-91855/2-
Inj Date : 07-NOV-2011 07:27
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-91855/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/front/Nov11/11-07-11/07nov11a.b/08Wf8081.m
Meth Date : 07-Nov-2011 10:37 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:57 Cal File: WF694825.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE		RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
\$ 28 Tetrachloro-m-xylene									
2.550	2.557	-0.007	235991	77.1547	0.38	80.00-	120.00		100.00

2 alpha-BHC									
3.803	3.807	-0.004	1399645	338.667	1.7	80.00-	120.00		100.00

5 gamma-BHC (Lindane)									
4.570	4.573	-0.003	1300925	340.205	1.7	80.00-	120.00		100.00

3 beta-BHC									
4.730	4.737	-0.007	602771	334.654	1.7	80.00-	120.00		100.00

4 delta-BHC									
5.373	5.380	-0.007	1270888	364.559	1.8	80.00-	120.00		100.00

Data File: WF694927.D
Report Date: 07-Nov-2011 10:37

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE	TARGET	RANGE	RATIO
			ON-COL	FINAL				
==	=====	=====	(ug/L)	(ug/L)	=====	=====	=====	=====
17 Heptachlor					CAS #: 76-44-8			
5.547	5.553	-0.006	1160084	324.527	1.6	80.00-	120.00	100.00

1 Aldrin					CAS #: 309-00-2			
6.223	6.227	-0.004	1022344	309.047	1.5	80.00-	120.00	100.00

18 Heptachlor epoxide					CAS #: 1024-57-3			
6.880	6.883	-0.003	915550	329.195	1.6	80.00-	120.00	100.00

65 gamma-Chlordane					CAS #: 5103-74-2			
7.080	7.083	-0.003	947447	329.030	1.6	80.00-	120.00	100.00

66 alpha-Chlordane					CAS #: 5103-71-9			
7.230	7.233	-0.003	878447	326.588	1.6	80.00-	120.00	100.00

11 Endosulfan I					CAS #: 959-98-8			
7.303	7.307	-0.004	879712	336.599	1.7	80.00-	120.00	100.00

8 4,4'-DDE					CAS #: 72-55-9			
7.380	7.383	-0.003	889137	333.082	1.7	80.00-	120.00	100.00

10 Dieldrin					CAS #: 60-57-1			
7.597	7.600	-0.003	956016	342.752	1.7	80.00-	120.00	100.00

14 Endrin					CAS #: 72-20-8			
7.940	7.940	0.000	787011	338.820	1.7	80.00-	120.00	100.00

7 4,4'-DDD					CAS #: 72-54-8			
8.017	8.020	-0.003	770439	363.352	1.8	80.00-	120.00	100.00

12 Endosulfan II					CAS #: 33213-65-9			
8.167	8.170	-0.003	815219	339.724	1.7	80.00-	120.00	100.00

9 4,4'-DDT					CAS #: 50-29-3			
8.343	8.343	0.000	676948	354.511	1.8	80.00-	120.00	100.00

15 Endrin aldehyde					CAS #: 7421-93-4			
8.470	8.470	0.000	579172	326.764	1.6	80.00-	120.00	100.00

13 Endosulfan sulfate					CAS #: 1031-07-8			
8.677	8.677	0.000	630824	339.061	1.7	80.00-	120.00	100.00

19 Methoxychlor					CAS #: 72-43-5			
8.843	8.847	-0.004	345574	340.447	1.7	80.00-	120.00	100.00

16 Endrin ketone					CAS #: 53494-70-5			
9.060	9.060	0.000	744836	344.254	1.7	80.00-	120.00	100.00

Data File: WF694927.D
 Report Date: 07-Nov-2011 10:37

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 30 Decachlorobiphenyl			CAS #: 2051-24-3						
10.060	10.060	0.000	119007	56.0964	0.28	80.00-	120.00	100.00	

Data File: WF694927.D

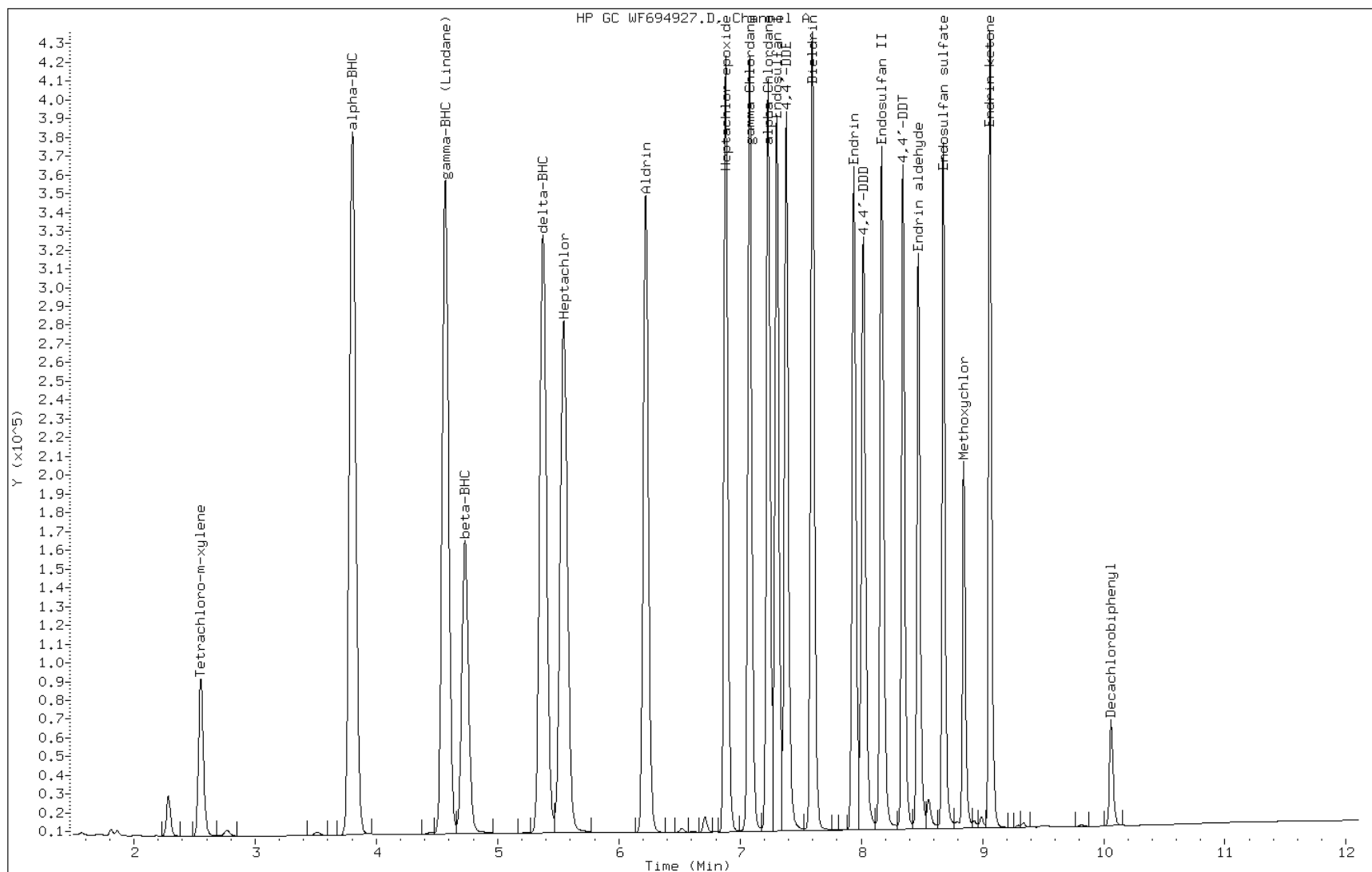
Date: 07-NOV-2011 07:27

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-91855/2-

Operator:



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/WR694927.D
Lab Smp Id: LCS 460-91855/2-
Inj Date : 07-NOV-2011 07:27
Operator : Inst ID: PESTGC4.i
Smp Info : LCS 460-91855/2-
Misc Info :
Comment :
Method : /chem1/PESTGC4.i/8081T/rear/Nov11/11-07-11/07nov11a.b/08Wr8081.m
Meth Date : 07-Nov-2011 10:36 ferdie Quant Type: ESTD
Cal Date : 03-NOV-2011 08:30 Cal File: WR694823.D
Als bottle: 1 QC Sample: BS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: Allpest.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
\$ 28 Tetrachloro-m-xylene								
2.037	2.037	0.000	210576	76.4309	0.38	80.00-	120.00	100.00

2 alpha-BHC								
2.677	2.680	-0.003	1197883	319.203	1.6	80.00-	120.00	100.00

5 gamma-BHC (Lindane)								
3.290	3.293	-0.003	1160119	330.809	1.6	80.00-	120.00	100.00

3 beta-BHC								
3.457	3.460	-0.003	533477	320.407	1.6	80.00-	120.00	100.00

4 delta-BHC								
3.803	3.803	0.000	1104441	341.400	1.7	80.00-	120.00	100.00

RT	EXP RT	DLT RT	CONCENTRATIONS		RESPONSE	TARGET	RANGE	RATIO
			ON-COL	FINAL				
==	=====	=====	(ug/L)	(ug/L)	=====	=====	=====	=====
17 Heptachlor					CAS #: 76-44-8			
4.210	4.210	0.000	1052085	304.285	1.5	80.00-	120.00	100.00
1 Aldrin					CAS #: 309-00-2			
4.797	4.800	-0.003	986745	306.801	1.5	80.00-	120.00	100.00
18 Heptachlor epoxide					CAS #: 1024-57-3			
6.027	6.027	0.000	976255	318.663	1.6	80.00-	120.00	100.00
65 gamma-Chlordane					CAS #: 5103-74-2			
6.220	6.223	-0.003	938979	313.717	1.6	80.00-	120.00	100.00
66 alpha-Chlordane					CAS #: 5103-71-9			
6.393	6.393	0.000	851874	315.357	1.6	80.00-	120.00	100.00
8 4,4'-DDE					CAS #: 72-55-9			
6.473	6.477	-0.004	823196	335.509	1.7	80.00-	120.00	100.00
11 Endosulfan I					CAS #: 959-98-8			
6.553	6.553	0.000	844928	305.869	1.5	80.00-	120.00	100.00
10 Dieldrin					CAS #: 60-57-1			
6.793	6.793	0.000	883922	324.832	1.6	80.00-	120.00	100.00
14 Endrin					CAS #: 72-20-8			
7.027	7.027	0.000	719455	311.893	1.6	80.00-	120.00	100.00
7 4,4'-DDD					CAS #: 72-54-8			
7.073	7.077	-0.004	798975	353.715	1.8	80.00-	120.00	100.00
12 Endosulfan II					CAS #: 33213-65-9			
7.250	7.250	0.000	771037	321.095	1.6	80.00-	120.00	100.00
9 4,4'-DDT					CAS #: 50-29-3			
7.353	7.353	0.000	776794	336.587	1.7	80.00-	120.00	100.00
15 Endrin aldehyde					CAS #: 7421-93-4			
7.677	7.680	-0.003	629573	309.154	1.5	80.00-	120.00	100.00
19 Methoxychlor					CAS #: 72-43-5			
7.850	7.853	-0.003	407765	323.032	1.6	80.00-	120.00	100.00
13 Endosulfan sulfate					CAS #: 1031-07-8			
8.143	8.143	0.000	681461	322.595	1.6	80.00-	120.00	100.00
16 Endrin ketone					CAS #: 53494-70-5			
8.403	8.403	0.000	768399	327.065	1.6	80.00-	120.00	100.00

Data File: WR694927.D
Report Date: 07-Nov-2011 10:37

Page 3

		CONCENTRATIONS							
		ON-COL		FINAL					
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/l)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
\$ 30 Decachlorobiphenyl					CAS #: 2051-24-3				
9.103	9.103	0.000	121680	55.3008	0.28	80.00-	120.00	100.00	

Data File: WR694927.D

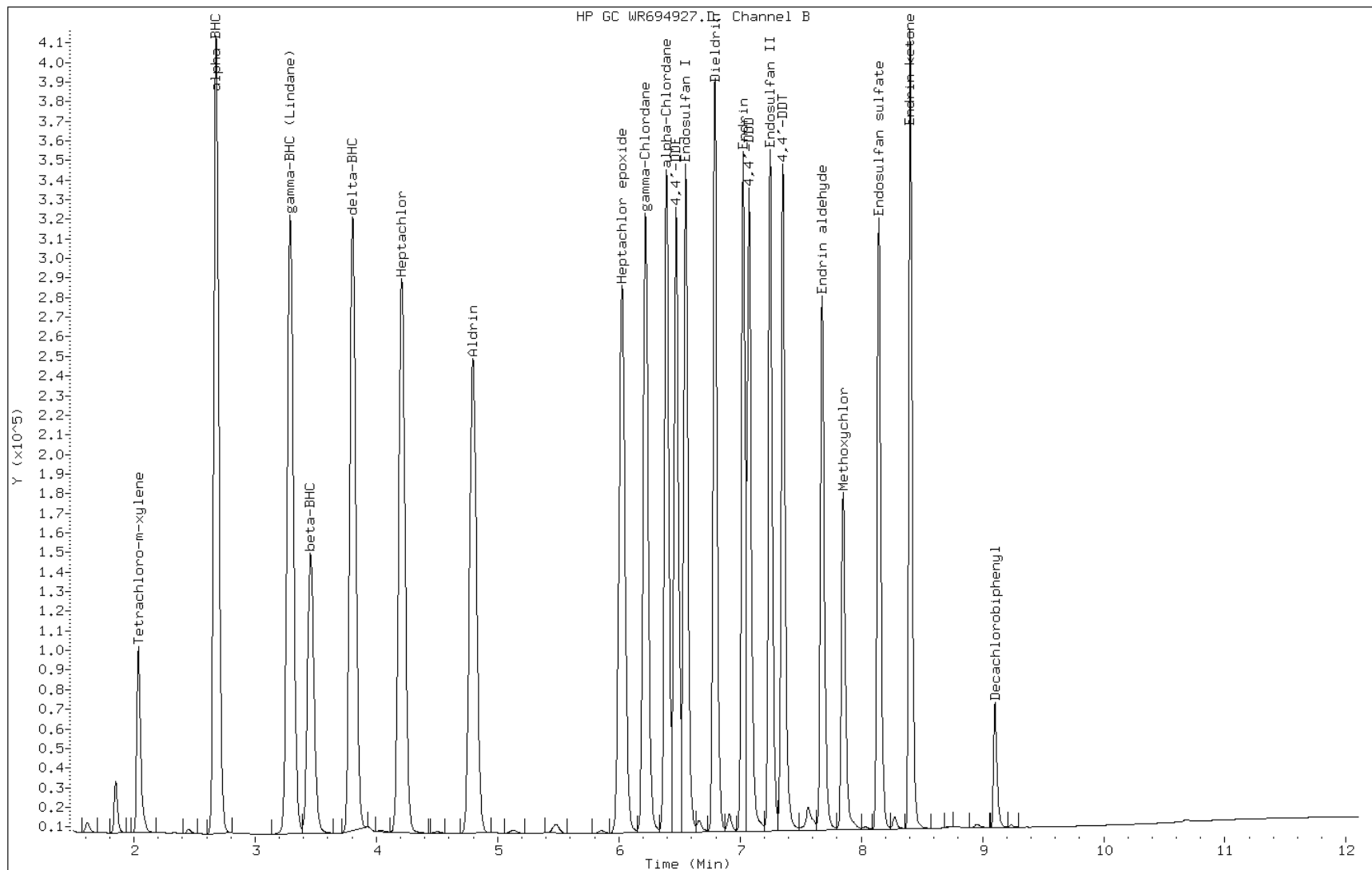
Date: 07-NOV-2011 07:27

Client ID:

Instrument: PESTGC4.i

Sample Info: LCS 460-91855/2-

Operator:



Method 8082 - Delaware

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

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low
GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCB1 #	DCB2 #
GW-17338-110211-MW 28-12	460-33168-1	47	50
GW-17338-110211-MW 28-12	460-33168-1	73	66
FB-17338-110211-13	460-33168-2	43	40
FB-17338-110211-13	460-33168-2	71	62
GW-17338-110211-MW 105-14	460-33168-3	78	79
GW-17338-110211-MW 105-14	460-33168-3	77	80
	MB 460-91916/1-A	87	80
	MB 460-92466/1-A	91	87
	LCS 460-91916/2-A	34 X	31 X
	LCS 460-92466/2-A	123	113
	LCSD 460-92466/3-A	115	107
GW-17338-110211-MW 28-12 MS	460-33168-1 MS	25 X	25 X
GW-17338-110211-MW 28-12 MSD	460-33168-1 MSD	17 X	16 X

DCB = DCB Decachlorobiphenyl

QC LIMITS
37-150

Column to be used to flag recovery values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of179774.d
Lab ID: LCS 460-91916/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	1.86	37	71-126	*
PCB-1260	5.00	1.74	35	73-130	*

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or179774.d
Lab ID: LCS 460-91916/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	2.40	48	71-126	*
PCB-1260	5.00	1.91	38	73-130	*

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: vf466973.d
Lab ID: LCS 460-92466/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.57	111	71-126	
PCB-1260	5.00	5.59	112	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: vr466973.d
Lab ID: LCS 460-92466/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
PCB-1016	5.00	5.17	103	71-126	
PCB-1260	5.00	5.50	110	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: vf466974.d
Lab ID: LCSD 460-92466/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	5.39	108	3	30	71-126	
PCB-1260	5.00	5.26	105	4	30	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: vr466974.d
Lab ID: LCSD 460-92466/3-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	5.00	4.98	100	4	30	71-126	
PCB-1260	5.00	5.29	106	6	30	73-130	

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of179776.d
Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
PCB-1016	6.25	0.51 U	1.85	30	71-126	F
PCB-1260	6.25	0.51 U	1.58	25	73-130	F

Column to be used to flag recovery and RPD values

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or179776.d
Lab ID: 460-33168-1 MS Client ID: GW-17338-110211-MW28-12 MS

COMPOUND	SPIKE ADDED (ug/L)	SAMPLE CONCENTRATION (ug/L)	MS CONCENTRATION (ug/L)	MS % REC	QC LIMITS REC	#
PCB-1016	6.25	0.51 U	2.20	35	71-126	F
PCB-1260	6.25	0.51 U	1.98	32	73-130	F

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.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: of179777.d
Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	6.58	1.56	24	17	30	71-126	F
PCB-1260	6.58	1.36	21	15	30	73-130	F

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.: 460-33168-1
SDG No.: _____
Matrix: Water Level: Low Lab File ID: or179777.d
Lab ID: 460-33168-1 MSD Client ID: GW-17338-110211-MW28-12 MSD

COMPOUND	SPIKE ADDED (ug/L)	MSD CONCENTRATION (ug/L)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
PCB-1016	6.58	2.26	34	3	30	71-126	F
PCB-1260	6.58	1.51	23	27	30	73-130	F

Column to be used to flag recovery and RPD values

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: MB 460-91916/1-A
 Matrix: Water Date Extracted: 11/04/2011 13:54
 Lab File ID: (1) or179773.d Lab File ID: (2) of179773.d
 Date Analyzed: (1) 11/08/2011 18:45 Date Analyzed: (2) 11/08/2011 18:45
 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 460-91916/2-A	11/08/2011 19:01	11/08/2011 19:01
GW-17338-110211-MW28-12	460-33168-1	11/08/2011 19:18	11/08/2011 19:18
GW-17338-110211-MW28-12 MS	460-33168-1 MS	11/08/2011 19:34	11/08/2011 19:34
GW-17338-110211-MW28-12 MSD	460-33168-1 MSD	11/08/2011 19:51	11/08/2011 19:51
FB-17338-110211-13	460-33168-2	11/08/2011 20:08	11/08/2011 20:08
GW-17338-110211-MW105-14	460-33168-3	11/08/2011 20:23	11/08/2011 20:23

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: MB 460-92466/1-A
 Matrix: Water Date Extracted: 11/10/2011 07:33
 Lab File ID: (1) vr466972.d Lab File ID: (2) vf466972.d
 Date Analyzed: (1) 11/10/2011 14:30 Date Analyzed: (2) 11/10/2011 14:30
 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 460-92466/2-A	11/10/2011 14:46	11/10/2011 14:46
	LCSD 460-92466/3-A	11/10/2011 15:01	11/10/2011 15:01
GW-17338-110211-MW28-12	460-33168-1	11/10/2011 16:49	11/10/2011 16:49
FB-17338-110211-13	460-33168-2	11/10/2011 17:04	11/10/2011 17:04
GW-17338-110211-MW105-14	460-33168-3	11/10/2011 17:20	11/10/2011 17:20

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVRT 460-92311/2 Date Analyzed: 11/08/2011 18:28
 Instrument ID: PESTGC7 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): of179772.d Heated Purge: (Y/N) N
 Calibration ID: 12564

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				10.57		
UPPER LIMIT				10.67		
LOWER LIMIT				10.47		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-92311/1		11/08/2011 18:12	of179771.d	10.57		
CCVRT 460-92311/2		11/08/2011 18:28	of179772.d	10.57		
MB 460-91916/1-A		11/08/2011 18:45	of179773.d	10.57		
LCS 460-91916/2-A		11/08/2011 19:01	of179774.d	10.57		
460-33168-1	GW-17338-110211-MW28-12	11/08/2011 19:18	of179775.d	10.57		
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/08/2011 19:34	of179776.d	10.57		
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	11/08/2011 19:51	of179777.d	10.57		
460-33168-2	FB-17338-110211-13	11/08/2011 20:08	of179778.d	10.57		
460-33168-3	GW-17338-110211-MW105-14	11/08/2011 20:23	of179779.d	10.57		
PIBLK 460-92311/17		11/08/2011 22:36	of179787.d	10.57		
CCV 460-92311/18		11/08/2011 22:52	of179788.d	10.57		

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.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVRT 460-92311/2 Date Analyzed: 11/08/2011 18:28
 Instrument ID: PESTGC7 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): or179772.d Heated Purge: (Y/N) N
 Calibration ID: 12560

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.40		
UPPER LIMIT				9.50		
LOWER LIMIT				9.30		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-92311/1		11/08/2011 18:12	or179771.d	9.40		
CCVRT 460-92311/2		11/08/2011 18:28	or179772.d	9.40		
MB 460-91916/1-A		11/08/2011 18:45	or179773.d	9.40		
LCS 460-91916/2-A		11/08/2011 19:01	or179774.d	9.40		
460-33168-1	GW-17338-110211-MW28-12	11/08/2011 19:18	or179775.d	9.40		
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/08/2011 19:34	or179776.d	9.40		
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	11/08/2011 19:51	or179777.d	9.40		
460-33168-2	FB-17338-110211-13	11/08/2011 20:08	or179778.d	9.40		
460-33168-3	GW-17338-110211-MW105-14	11/08/2011 20:23	or179779.d	9.40		
PIBLK 460-92311/17		11/08/2011 22:36	or179787.d	9.40		
CCV 460-92311/18		11/08/2011 22:52	or179788.d	9.40		

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.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVRT 460-92579/2 Date Analyzed: 11/10/2011 14:15
 Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): vf466971.d Heated Purge: (Y/N) N
 Calibration ID: 12937

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				11.50		
UPPER LIMIT				11.60		
LOWER LIMIT				11.40		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-92579/2		11/10/2011 14:15	vf466971.d	11.50		
MB 460-92466/1-A		11/10/2011 14:30	vf466972.d	11.51		
LCS 460-92466/2-A		11/10/2011 14:46	vf466973.d	11.51		
LCSD 460-92466/3-A		11/10/2011 15:01	vf466974.d	11.51		
CCV 460-92579/8		11/10/2011 15:47	vf466977.d	11.50		

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.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVRT 460-92579/2 Date Analyzed: 11/10/2011 14:15
 Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): vr466971.d Heated Purge: (Y/N) N
 Calibration ID: 12945

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 460-92579/2		11/10/2011 14:15	vr466971.d	10.59		
MB 460-92466/1-A		11/10/2011 14:30	vr466972.d	10.59		
LCS 460-92466/2-A		11/10/2011 14:46	vr466973.d	10.59		
LCSD 460-92466/3-A		11/10/2011 15:01	vr466974.d	10.59		
CCV 460-92579/8		11/10/2011 15:47	vr466977.d	10.59		

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.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVRT 460-92863/2 Date Analyzed: 11/10/2011 16:18
 Instrument ID: PESTGC9 GC Column: CLP-2 ID: 0.53 (mm)
 Lab File ID (Standard): vf466979.d Heated Purge: (Y/N) N
 Calibration ID: 12937

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

				DCB		
				RT #		
CONTINUING CALIBRATION SURROGATE				11.50		
UPPER LIMIT				11.60		
LOWER LIMIT				11.40		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
PIBLK 460-92863/1		11/10/2011 16:03	vf466978.d	11.50		
CCVRT 460-92863/2		11/10/2011 16:18	vf466979.d	11.50		
460-33168-1	GW-17338-110211-MW28-12	11/10/2011 16:49	vf466981.d	11.50		
460-33168-2	FB-17338-110211-13	11/10/2011 17:04	vf466982.d	11.50		
460-33168-3	GW-17338-110211-MW105-14	11/10/2011 17:20	vf466983.d	11.50		
PIBLK 460-92863/10		11/10/2011 18:21	vf466987.d	11.51		
CCV 460-92863/11		11/10/2011 18:36	vf466988.d	11.50		

DCB = DCB Decachlorobiphenyl

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

Column used to flag values outside QC limits

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Sample No.: CCVRT 460-92863/2 Date Analyzed: 11/10/2011 16:18
 Instrument ID: PESTGC9 GC Column: CLP-1 ID: 0.53 (mm)
 Lab File ID (Standard): vr466979.d Heated Purge: (Y/N) N
 Calibration ID: 12945

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			
PIBLK 460-92863/1		11/10/2011 16:03	vr466978.d	10.59		
CCVRT 460-92863/2		11/10/2011 16:18	vr466979.d	10.59		
460-33168-2	FB-17338-110211-13	11/10/2011 17:04	vr466982.d	10.59		
460-33168-3	GW-17338-110211-MW105-14	11/10/2011 17:20	vr466983.d	10.58		
PIBLK 460-92863/10		11/10/2011 18:21	vr466987.d	10.59		
CCV 460-92863/11		11/10/2011 18:36	vr466988.d	10.59		

DCB = DCB Decachlorobiphenyl

DCB RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 11/08/2011 19:34 Date Analyzed (2): 11/08/2011 19:34
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.35	2.28	2.42	1.98	2.20	17.2
		2	2.68	2.61	2.75	2.39		
		3	2.87	2.80	2.94	2.26		
		4	3.13	3.06	3.20	2.18		
		5	3.27	3.21	3.35	2.24		
		6	3.33	3.27	3.41	2.09		
		7	3.47	3.42	3.56	2.19		
		8	3.71	3.64	3.78	2.26		
	2	1	2.96	2.89	3.03	1.86	1.85	
		2	3.42	3.35	3.49	1.91		
		3	3.70	3.63	3.77	1.86		
		4	3.96	3.89	4.03	1.87		
		5	4.13	4.06	4.20	1.85		
		6	4.42	4.35	4.49	1.87		
		7	5.24	5.17	5.31	1.81		
		8	5.49	5.42	5.56	1.76		
PCB-1260	1	1	5.13	5.06	5.20	2.16	1.98	22.1
		2	5.47	5.41	5.55	2.15		
		3	5.82	5.75	5.89	2.17		
		4	5.96	5.90	6.04	2.16		
		5	6.29	6.22	6.36	2.31		
		6	7.25	7.19	7.33	1.89		
		7	7.41	7.35	7.49	1.52		
		8	8.63	8.56	8.70	1.45		
	2	1	6.37	6.30	6.44	1.73	1.58	
		2	6.70	6.63	6.77	1.72		
		3	7.33	7.26	7.40	1.65		
		4	7.52	7.45	7.59	1.37		
		5	7.63	7.57	7.71	1.32		
		6	8.17	8.10	8.24	1.69		
		7	9.37	9.30	9.44	1.65		
		8	10.05	9.99	10.13	1.53		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 11/08/2011 19:51 Date Analyzed (2): 11/08/2011 19:51
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.35	2.28	2.42	1.76	2.26	36.7
		2	2.68	2.61	2.75	1.99		
		3	2.87	2.80	2.94	1.93		
		4	3.13	3.06	3.20	1.78		
		5	3.27	3.21	3.35	1.84		
		6	3.34	3.27	3.41	1.66		
		7	3.47	3.42	3.56	5.30		
		8	3.71	3.64	3.78	1.86		
	2	1	2.97	2.89	3.03	1.54	1.56	
		2	3.43	3.35	3.49	1.57		
		3	3.71	3.63	3.77	1.55		
		4	3.96	3.89	4.03	1.56		
		5	4.13	4.06	4.20	1.60		
		6	4.43	4.35	4.49	1.61		
		7	5.24	5.17	5.31	1.37		
		8	5.49	5.42	5.56	1.69		
PCB-1260	1	1	5.13	5.06	5.20	1.83	1.51	10.6
		2	5.47	5.41	5.55	1.78		
		3	5.82	5.75	5.89	1.65		
		4	5.96	5.90	6.04	1.64		
		5	6.29	6.22	6.36	1.67		
		6	7.25	7.19	7.33	1.43		
		7	7.41	7.35	7.49	1.04		
		8	8.63	8.56	8.70	1.02		
	2	1	6.37	6.30	6.44	1.62	1.36	
		2	6.70	6.63	6.77	1.53		
		3	7.33	7.26	7.40	1.46		
		4	7.52	7.45	7.59	1.29		
		5	7.63	7.57	7.71	1.26		
		6	8.17	8.10	8.24	1.33		
		7	9.37	9.30	9.44	1.30		
		8	10.06	9.99	10.13	1.05		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-91916/2-A
 Instrument ID (1): PESTGC7 Instrument ID (2): PESTGC7
 Date Analyzed (1): 11/08/2011 19:01 Date Analyzed (2): 11/08/2011 19:01
 GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
PCB-1016	1	1	2.35	2.28	2.42	2.02	2.40	25.3
		2	2.68	2.61	2.75	2.16		
		3	2.87	2.80	2.94	2.19		
		4	3.13	3.06	3.20	2.00		
		5	3.27	3.21	3.35	2.15		
		6	3.34	3.27	3.41	1.95		
		7	3.47	3.42	3.56	4.58		
		8	3.71	3.64	3.78	2.16		
	2	1	2.97	2.89	3.03	1.92	1.86	
		2	3.43	3.35	3.49	1.81		
		3	3.71	3.63	3.77	1.96		
		4	3.96	3.89	4.03	1.79		
		5	4.13	4.06	4.20	1.89		
		6	4.43	4.35	4.49	1.94		
		7	5.24	5.17	5.31	1.51		
		8	5.49	5.42	5.56	2.07		
PCB-1260	1	1	5.13	5.06	5.20	2.12	1.91	9.3
		2	5.47	5.41	5.55	2.06		
		3	5.82	5.75	5.89	1.76		
		4	5.97	5.90	6.04	1.86		
		5	6.29	6.22	6.36	1.86		
		6	7.25	7.19	7.33	2.01		
		7	7.41	7.35	7.49	1.87		
		8	8.63	8.56	8.70	1.71		
	2	1	6.37	6.30	6.44	1.91	1.74	
		2	6.70	6.63	6.77	1.85		
		3	7.33	7.26	7.40	1.83		
		4	7.52	7.45	7.59	1.78		
		5	7.63	7.57	7.71	1.77		
		6	8.17	8.10	8.24	1.74		
		7	9.37	9.30	9.44	1.50		
		8	10.06	9.99	10.13	1.53		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 460-92466/2-A

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

Date Analyzed (1): 11/10/2011 14:46 Date Analyzed (2): 11/10/2011 14:46

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	
PCB-1016	1	1	2.05	1.98	2.12	4.95	5.17	7.4
		2	2.48	2.41	2.55	5.12		
		3	2.73	2.66	2.80	5.36		
		4	3.08	3.01	3.15	5.11		
		5	3.27	3.20	3.34	5.35		
		6	3.61	3.55	3.69	5.12		
		7	3.97	3.90	4.04	5.35		
		8	4.12	4.05	4.19	5.04		
	2	1	2.92	2.85	2.99	5.73	5.57	
		2	3.59	3.52	3.66	5.46		
		3	4.03	3.96	4.10	5.24		
		4	4.43	4.36	4.50	5.56		
		5	4.68	4.61	4.75	5.54		
		6	5.11	5.04	5.18	5.62		
		7	5.50	5.43	5.57	5.68		
		8	5.71	5.64	5.78	5.76		
PCB-1260	1	1	6.00	5.93	6.07	5.10	5.50	1.6
		2	6.45	6.38	6.52	5.24		
		3	6.89	6.82	6.96	5.50		
		4	7.09	7.02	7.16	5.53		
		5	7.51	7.44	7.58	5.57		
		6	8.77	8.70	8.84	5.81		
		7	8.99	8.92	9.06	5.69		
		8	10.09	10.02	10.16	5.59		
	2	1	7.39	7.32	7.46	5.45	5.59	
		2	7.70	7.63	7.77	5.33		
		3	8.15	8.08	8.22	5.32		
		4	9.26	9.19	9.33	5.65		
		5	9.39	9.32	9.46	6.06		
		6	9.87	9.80	9.94	5.74		
		7	10.60	10.53	10.67	5.73		
		8	11.07	11.00	11.14	5.47		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-92466/3-A
 Instrument ID (1): PESTGC9 Instrument ID (2): PESTGC9
 Date Analyzed (1): 11/10/2011 15:01 Date Analyzed (2): 11/10/2011 15:01
 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	2.05	1.98	2.12	4.81	4.98	7.9
		2	2.48	2.41	2.55	5.11		
		3	2.73	2.66	2.80	5.68		
		4	3.08	3.01	3.15	4.92		
		5	3.27	3.20	3.34	5.15		
		6	3.61	3.55	3.69	4.90		
		7	3.97	3.90	4.04	5.15		
		8	4.15	4.05	4.19	4.15		
	2	1	2.92	2.85	2.99	5.54	5.39	
		2	3.59	3.52	3.66	5.25		
		3	4.03	3.96	4.10	5.43		
		4	4.43	4.36	4.50	5.32		
		5	4.67	4.61	4.75	5.33		
		6	5.11	5.04	5.18	5.35		
		7	5.50	5.43	5.57	5.39		
		8	5.71	5.64	5.78	5.53		
PCB-1260	1	1	6.00	5.93	6.07	4.94	5.29	0.5
		2	6.45	6.38	6.52	5.03		
		3	6.89	6.82	6.96	5.26		
		4	7.09	7.02	7.16	5.44		
		5	7.51	7.44	7.58	5.34		
		6	8.77	8.70	8.84	5.51		
		7	8.99	8.92	9.06	5.56		
		8	10.09	10.02	10.16	5.27		
	2	1	7.39	7.32	7.46	5.29	5.26	
		2	7.70	7.63	7.77	5.04		
		3	8.15	8.08	8.22	5.13		
		4	9.26	9.19	9.33	5.43		
		5	9.39	9.32	9.46	5.78		
		6	9.87	9.80	9.94	5.49		
		7	10.60	10.53	10.67	4.73		
		8	11.07	11.00	11.14	5.23		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
Matrix: Water Lab File ID: of179775.d
Analysis Method: 8082 Date Collected: 11/02/2011 10:00
Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
Sample wt/vol: 990 (mL) Date Analyzed: 11/08/2011 19:18
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92311 Units: ug/L

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

Data File: of179775.d
Report Date: 09-Nov-2011 03:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179775.d
Lab Smp Id: 460-33168-F-1-D Client Smp ID: GW-17338-110211-MW2
Inj Date : 08-NOV-2011 19:18
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-F-1-D
Misc Info : 460-33168-F-1-D
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
10.572	10.575	-0.003	172451	49.7583	0.25	80.00-	120.00	100.00	

Data File: of179775.d

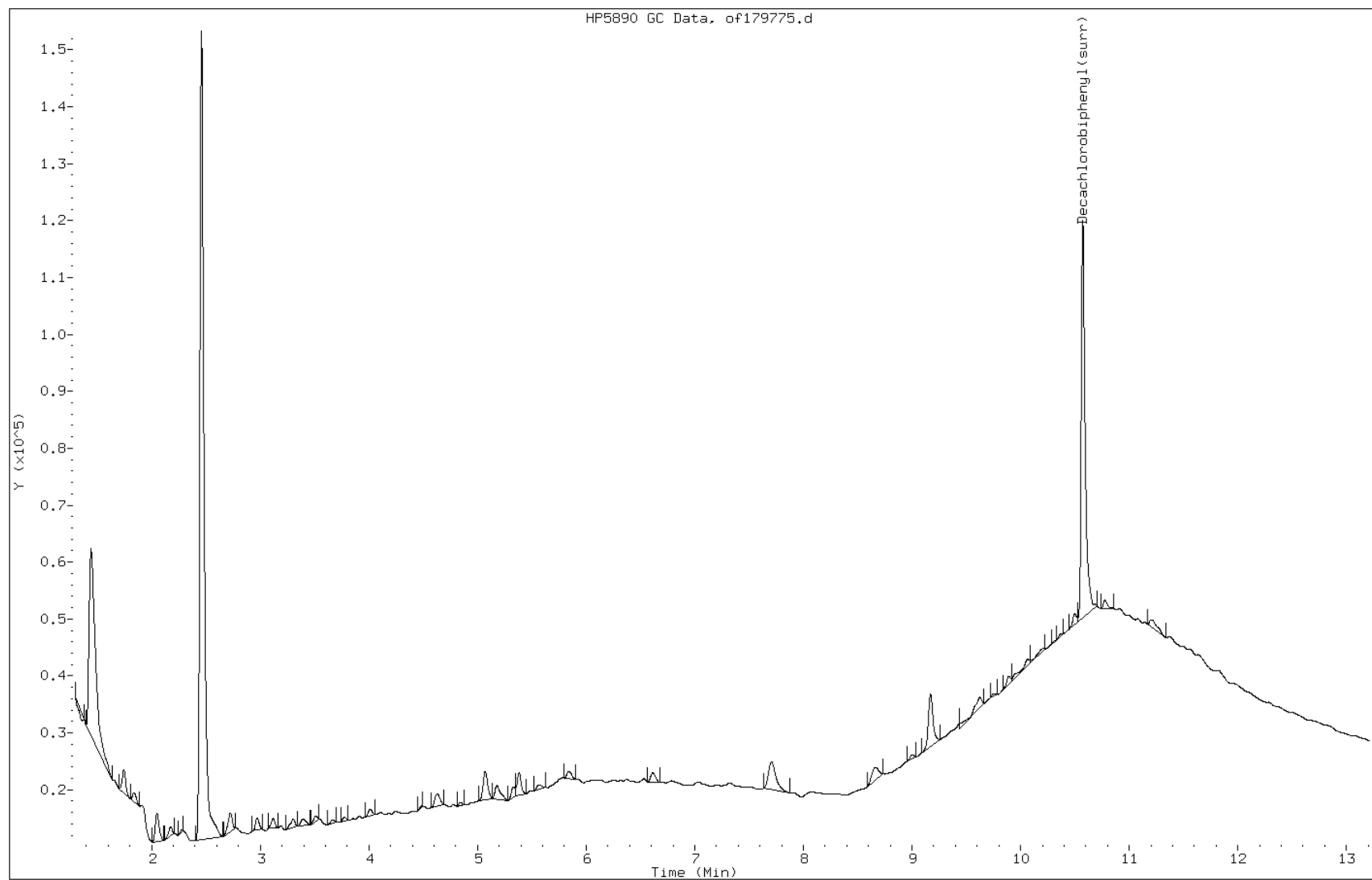
Date: 08-NOV-2011 19:18

Client ID: GW-17338-110211-MW2

Instrument: PESTGC7.i

Sample Info: 460-33168-F-1-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1

Matrix: Water Lab File ID: or179775.d

Analysis Method: 8082 Date Collected: 11/02/2011 10:00

Extraction Method: 3510C Date Extracted: 11/04/2011 13:54

Sample wt/vol: 990 (mL) Date Analyzed: 11/08/2011 19:18

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

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

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

Analysis Batch No.: 92311 Units: ug/L

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	47		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179775.d
Lab Smp Id: 460-33168-F-1-D Client Smp ID: GW-17338-110211-MW2
Inj Date : 08-NOV-2011 19:18
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-F-1-D
Misc Info : 460-33168-F-1-D
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 39
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.398	9.402	-0.004	147308	46.8209	0.24 80.00- 120.00	100.00			

Data File: or179775.d

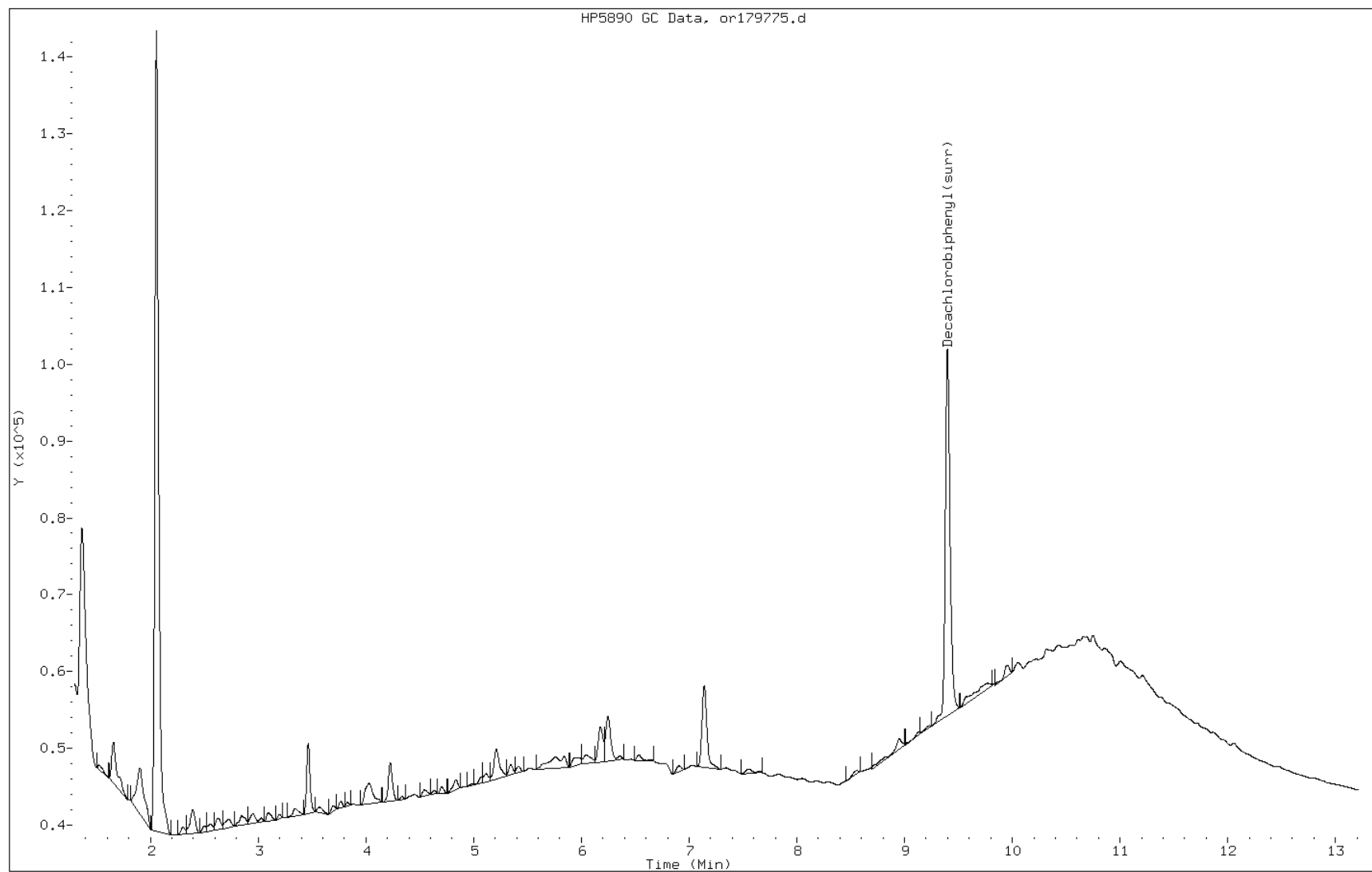
Date: 08-NOV-2011 19:18

Client ID: GW-17338-110211-MW2

Instrument: PESTGC7.i

Sample Info: 460-33168-F-1-D

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
Matrix: Water Lab File ID: vf466981.d
Analysis Method: 8082 Date Collected: 11/02/2011 10:00
Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
Sample wt/vol: 980 (mL) Date Analyzed: 11/10/2011 16:49
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92863 Units: ug/L

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

Data File: vf466981.d
Report Date: 14-Nov-2011 09:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/vf466981.d
Lab Smp Id: 460-33168-G-1-C Client Smp ID: GW-17338-110211-MW2
Inj Date : 10-NOV-2011 16:49
Operator : 280 Inst ID: PESTGC9.i
Smp Info : 460-33168-G-1-C
Misc Info : 460-33168-G-1-C
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/08Vf8082.m
Meth Date : 14-Nov-2011 09:44 shanthi Quant Type: ESTD
Cal Date : 04-NOV-2011 04:57 Cal File: vf466670.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====			
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
11.501	11.502	-0.001	7648975	65.8571	0.34	80.00- 120.00	100.00(M)		

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466981.d

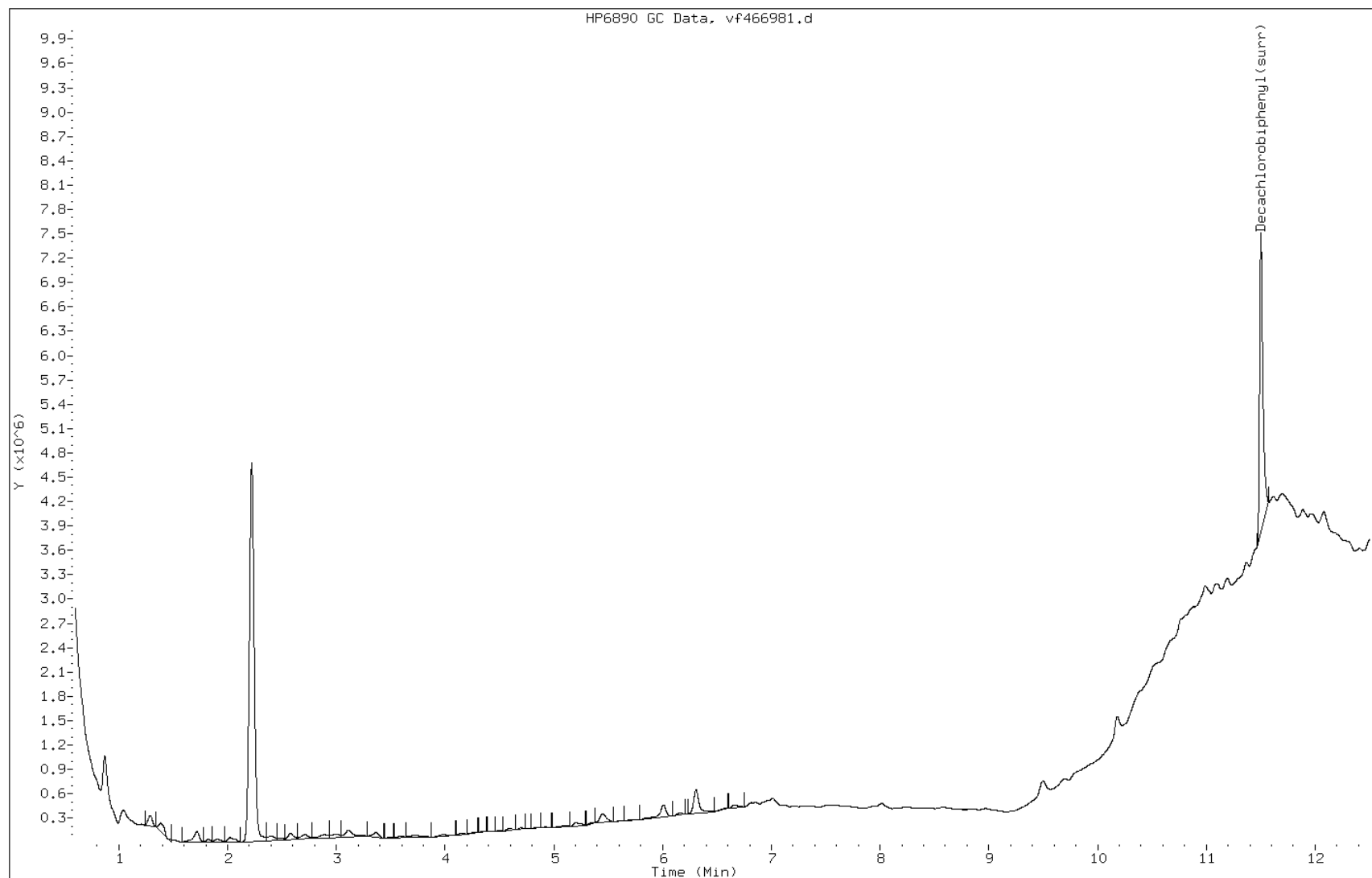
Date: 10-NOV-2011 16:49

Client ID: GW-17338-110211-MW2

Instrument: PESTGC9.i

Sample Info: 460-33168-G-1-C

Operator: 280



Manual Integration Report

Data File: vf466981.d
Inj. Date and Time: 10-NOV-2011 16:49
Instrument ID: PESTGC9.i
Client ID: GW-17338-110211-MW2
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/14/2011

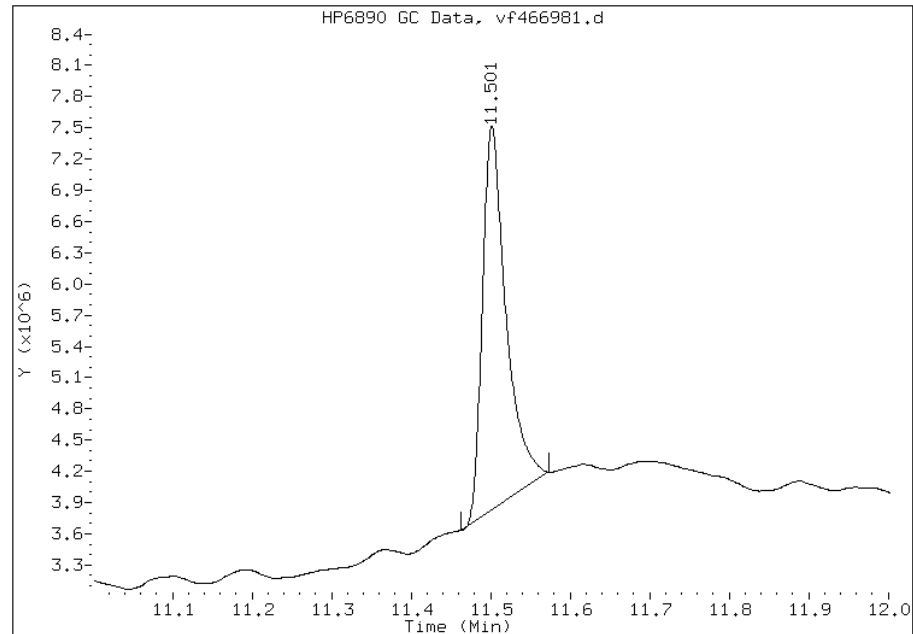
Processing Integration Results

Not Detected

Expected RT: 11.50

Manual Integration Results

RT: 11.50
Response: 7648975
Amount: 65.86
Conc: 0.34



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1
 Matrix: Water Lab File ID: vr466981.d
 Analysis Method: 8082 Date Collected: 11/02/2011 10:00
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 980 (mL) Date Analyzed: 11/10/2011 16:49
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92863 Units: ug/L

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		37-150

Data File: vr466981.d
Report Date: 14-Nov-2011 09:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/vr466981.d
Lab Smp Id: 460-33168-G-1-C Client Smp ID: GW-17338-110211-MW2
Inj Date : 10-NOV-2011 16:49
Operator : 280 Inst ID: PESTGC9.i
Smp Info : 460-33168-G-1-C
Misc Info : 460-33168-G-1-C
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/08Vr8082.m
Meth Date : 14-Nov-2011 09:46 shanthi Quant Type: ESTD
Cal Date : 04-NOV-2011 04:57 Cal File: vr466670.d
Als bottle: 34
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.584	10.586	-0.002	14426709	73.4662	0.37	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466981.d

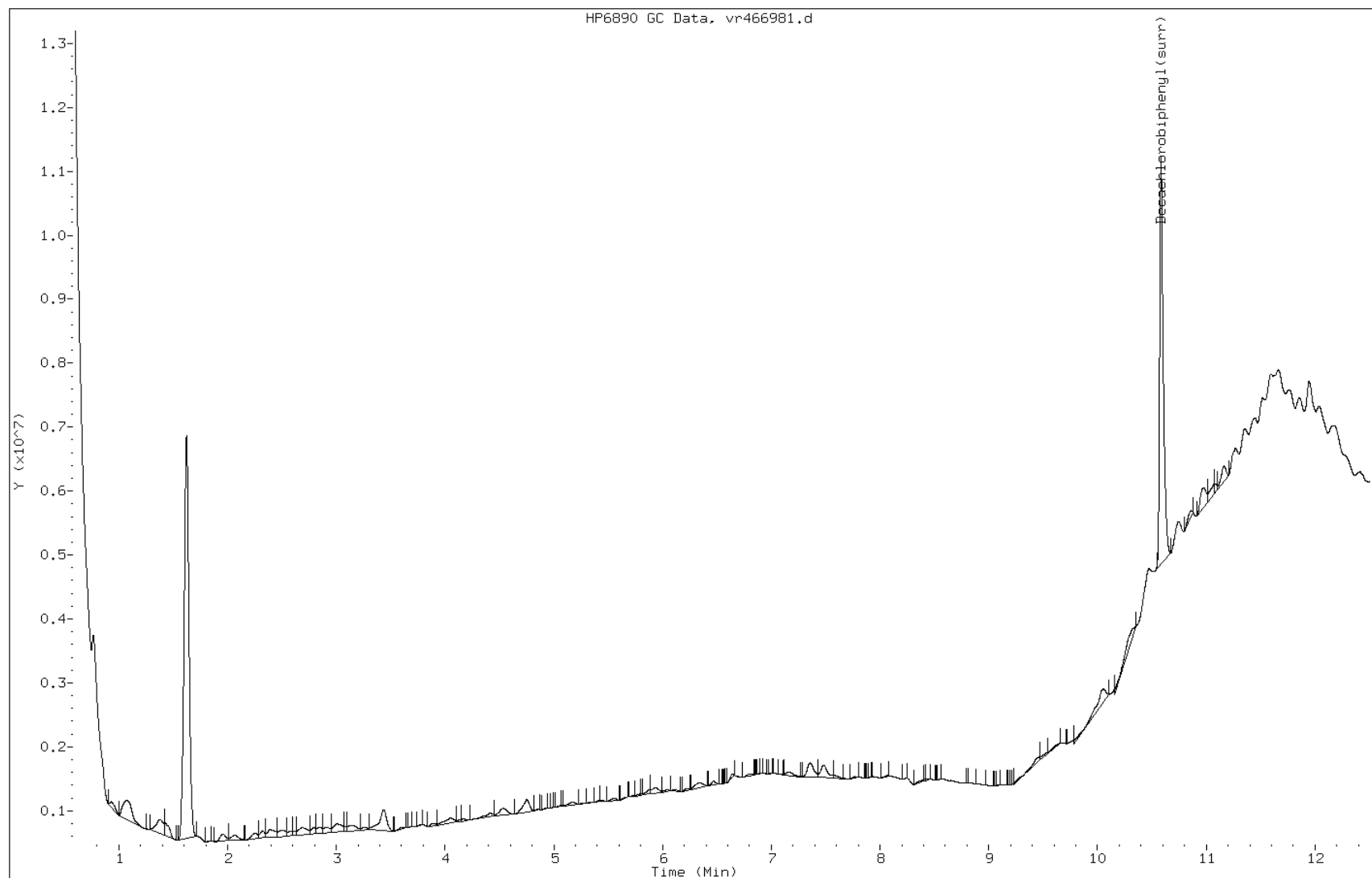
Date: 10-NOV-2011 16:49

Client ID: GW-17338-110211-MW2

Instrument: PESTGC9.i

Sample Info: 460-33168-G-1-C

Operator: 280

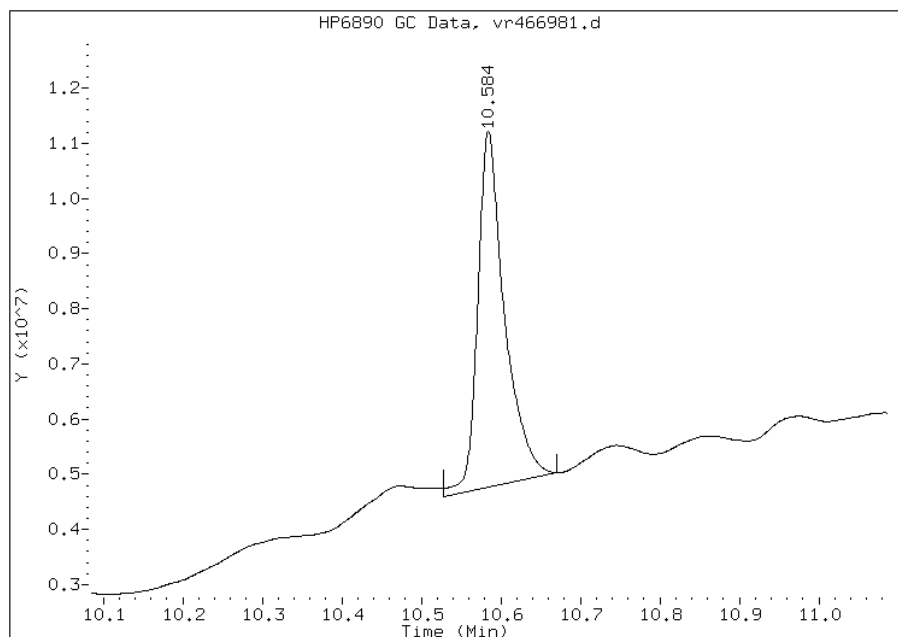


Manual Integration Report

Data File: vr466981.d
Inj. Date and Time: 10-NOV-2011 16:49
Instrument ID: PESTGC9.i
Client ID: GW-17338-110211-MW2
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/14/2011

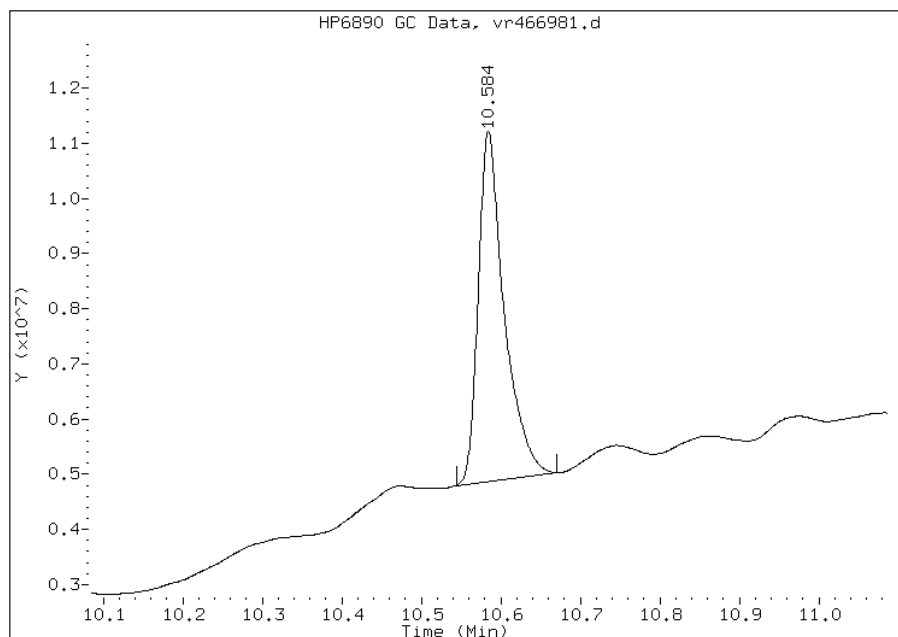
Processing Integration Results

RT: 10.58
Response: 15185437
Amount: 77.33
Conc: 0.39



Manual Integration Results

RT: 10.58
Response: 14426709
Amount: 73.47
Conc: 0.37



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
Matrix: Water Lab File ID: of179778.d
Analysis Method: 8082 Date Collected: 11/02/2011 11:30
Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
Sample wt/vol: 990 (mL) Date Analyzed: 11/08/2011 20:08
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92311 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	40		37-150

Data File: of179778.d
Report Date: 09-Nov-2011 03:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179778.d
Lab Smp Id: 460-33168-F-2-B Client Smp ID: FB-17338-110211-13
Inj Date : 08-NOV-2011 20:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-F-2-B
Misc Info : 460-33168-F-2-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30	Decachlorobiphenyl(surr)					CAS #:	2051-24-3		
10.573	10.575	-0.002	138551	39.9770	0.20	80.00-	120.00	100.00	

Data File: of179778.d

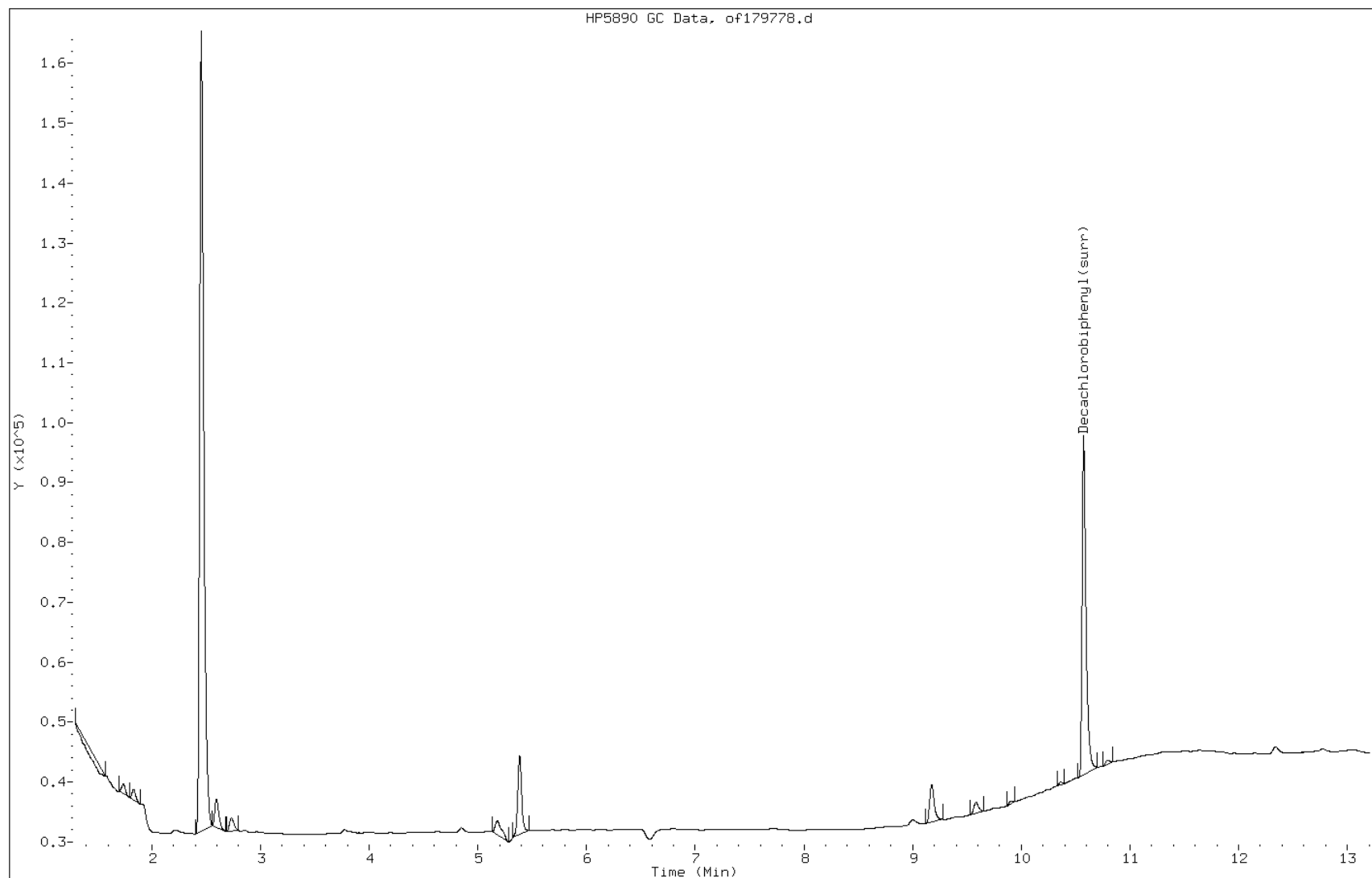
Date: 08-NOV-2011 20:08

Client ID: FB-17338-110211-13

Instrument: PESTGC7.i

Sample Info: 460-33168-F-2-B

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
 Matrix: Water Lab File ID: or179778.d
 Analysis Method: 8082 Date Collected: 11/02/2011 11:30
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 990 (mL) Date Analyzed: 11/08/2011 20:08
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	43		37-150

Data File: or179778.d
Report Date: 09-Nov-2011 03:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179778.d
Lab Smp Id: 460-33168-F-2-B Client Smp ID: FB-17338-110211-13
Inj Date : 08-NOV-2011 20:08
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-F-2-B
Misc Info : 460-33168-F-2-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 42
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
9.400	9.402	-0.002	135670	43.1219	0.22	80.00-	120.00	100.00	

Data File: or179778.d

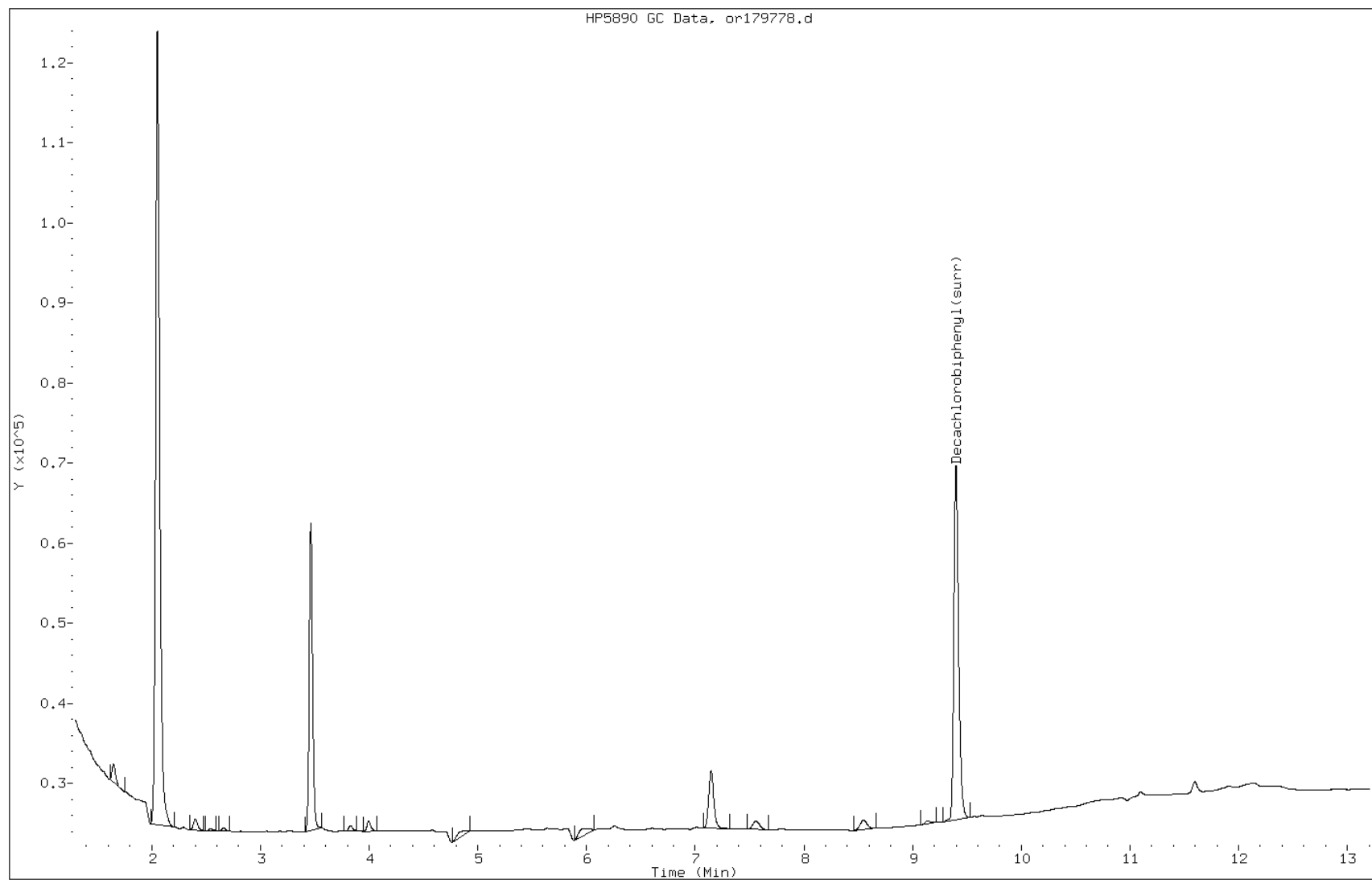
Date: 08-NOV-2011 20:08

Client ID: FB-17338-110211-13

Instrument: PESTGC7.i

Sample Info: 460-33168-F-2-B

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
Matrix: Water Lab File ID: vf466982.d
Analysis Method: 8082 Date Collected: 11/02/2011 11:30
Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
Sample wt/vol: 960 (mL) Date Analyzed: 11/10/2011 17:04
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92863 Units: ug/L

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

Data File: vf466982.d
Report Date: 14-Nov-2011 09:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/vf466982.d
Lab Smp Id: 460-33168-H-2-A Client Smp ID: FB-17338-110211-13
Inj Date : 10-NOV-2011 17:04
Operator : 280 Inst ID: PESTGC9.i
Smp Info : 460-33168-H-2-A
Misc Info : 460-33168-H-2-A
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/08Vf8082.m
Meth Date : 14-Nov-2011 09:44 shanthi Quant Type: ESTD
Cal Date : 04-NOV-2011 04:57 Cal File: vf466670.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
11.503	11.502	0.001	7255578	62.4699	0.32	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466982.d

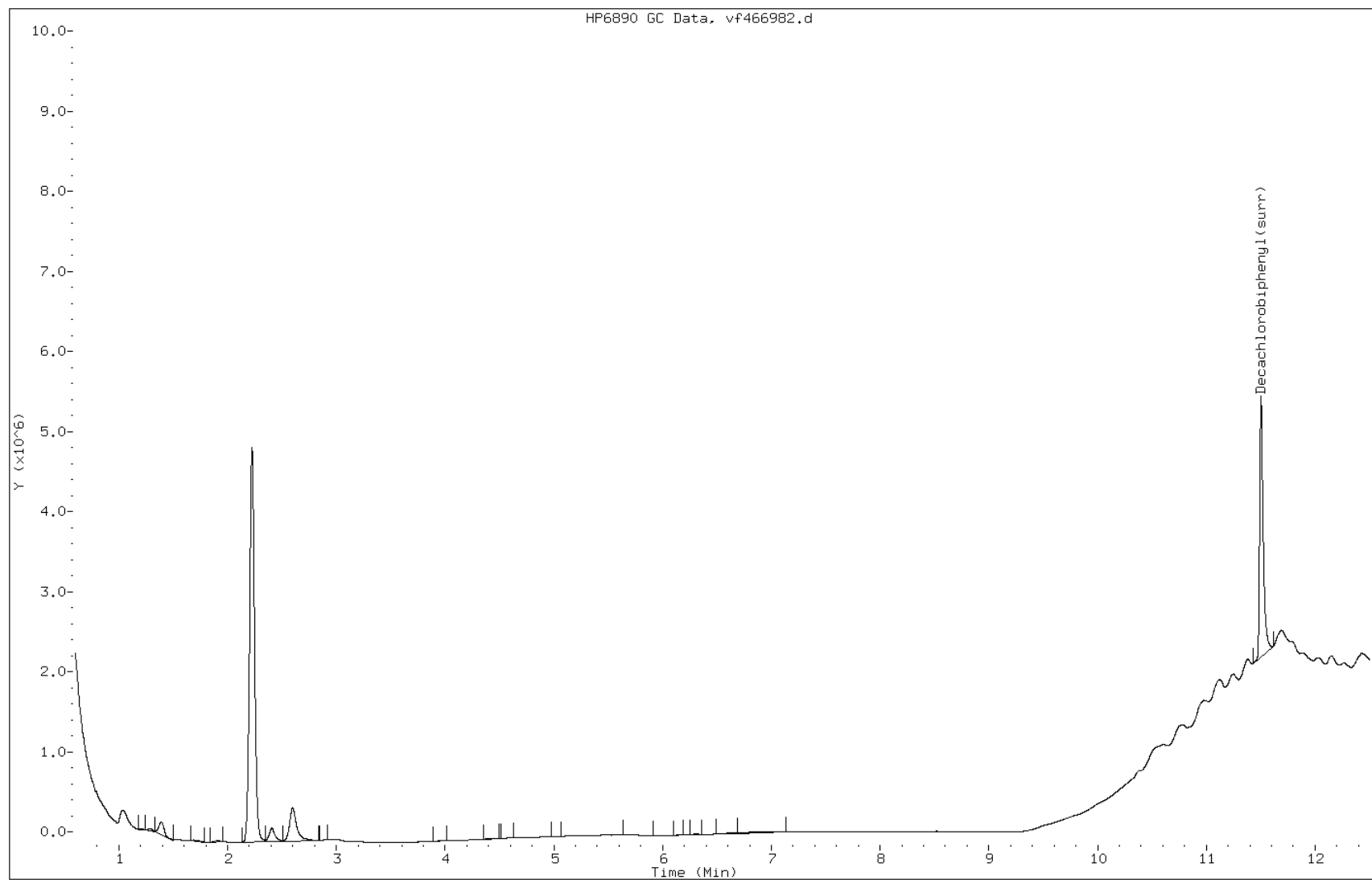
Date: 10-NOV-2011 17:04

Client ID: FB-17338-110211-13

Instrument: PESTGC9.i

Sample Info: 460-33168-H-2-A

Operator: 280



Manual Integration Report

Data File: vf466982.d
Inj. Date and Time: 10-NOV-2011 17:04
Instrument ID: PESTGC9.i
Client ID: FB-17338-110211-13
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/14/2011

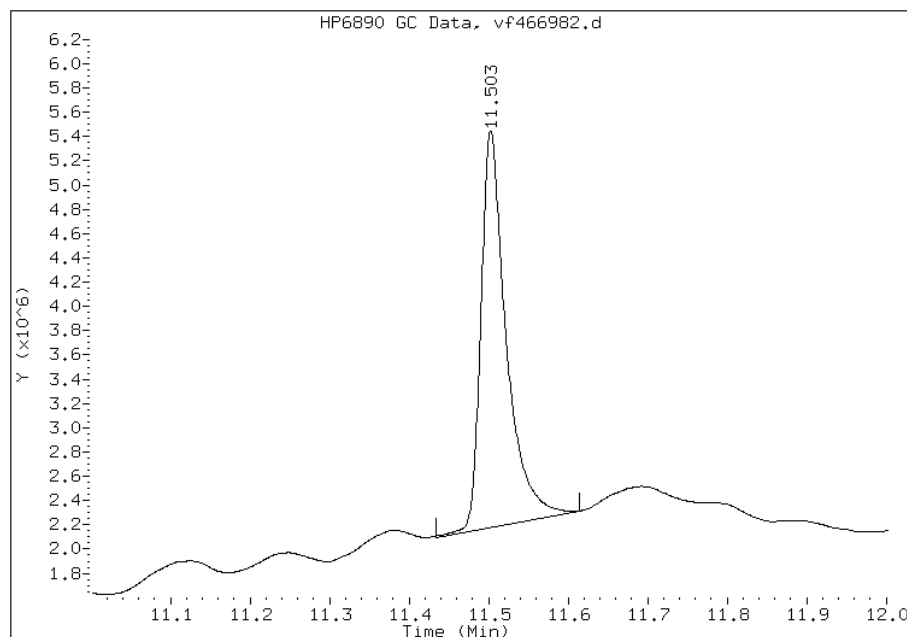
Processing Integration Results

Not Detected

Expected RT: 11.50

Manual Integration Results

RT: 11.50
Response: 7255578
Amount: 62.47
Conc: 0.33



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: FB-17338-110211-13 Lab Sample ID: 460-33168-2
 Matrix: Water Lab File ID: vr466982.d
 Analysis Method: 8082 Date Collected: 11/02/2011 11:30
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 960 (mL) Date Analyzed: 11/10/2011 17:04
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92863 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.52	U H	0.52	0.14
11104-28-2	PCB-1221	0.52	U H	0.52	0.29
11141-16-5	PCB-1232	0.52	U H	0.52	0.13
53469-21-9	PCB-1242	0.52	U H	0.52	0.13
12672-29-6	PCB-1248	0.52	U H	0.52	0.25
11097-69-1	PCB-1254	0.52	U H	0.52	0.18
11096-82-5	PCB-1260	0.52	U H	0.52	0.16

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	71		37-150

Data File: vr466982.d
Report Date: 14-Nov-2011 09:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/vr466982.d
Lab Smp Id: 460-33168-H-2-A Client Smp ID: FB-17338-110211-13
Inj Date : 10-NOV-2011 17:04
Operator : 280 Inst ID: PESTGC9.i
Smp Info : 460-33168-H-2-A
Misc Info : 460-33168-H-2-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/08Vr8082.m
Meth Date : 14-Nov-2011 09:47 shanthi Quant Type: ESTD
Cal Date : 04-NOV-2011 04:57 Cal File: vr466670.d
Als bottle: 35
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	960.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.586	10.586	0.000	13926295	70.9179	0.37	80.00-	120.00	100.00	

Data File: vr466982.d

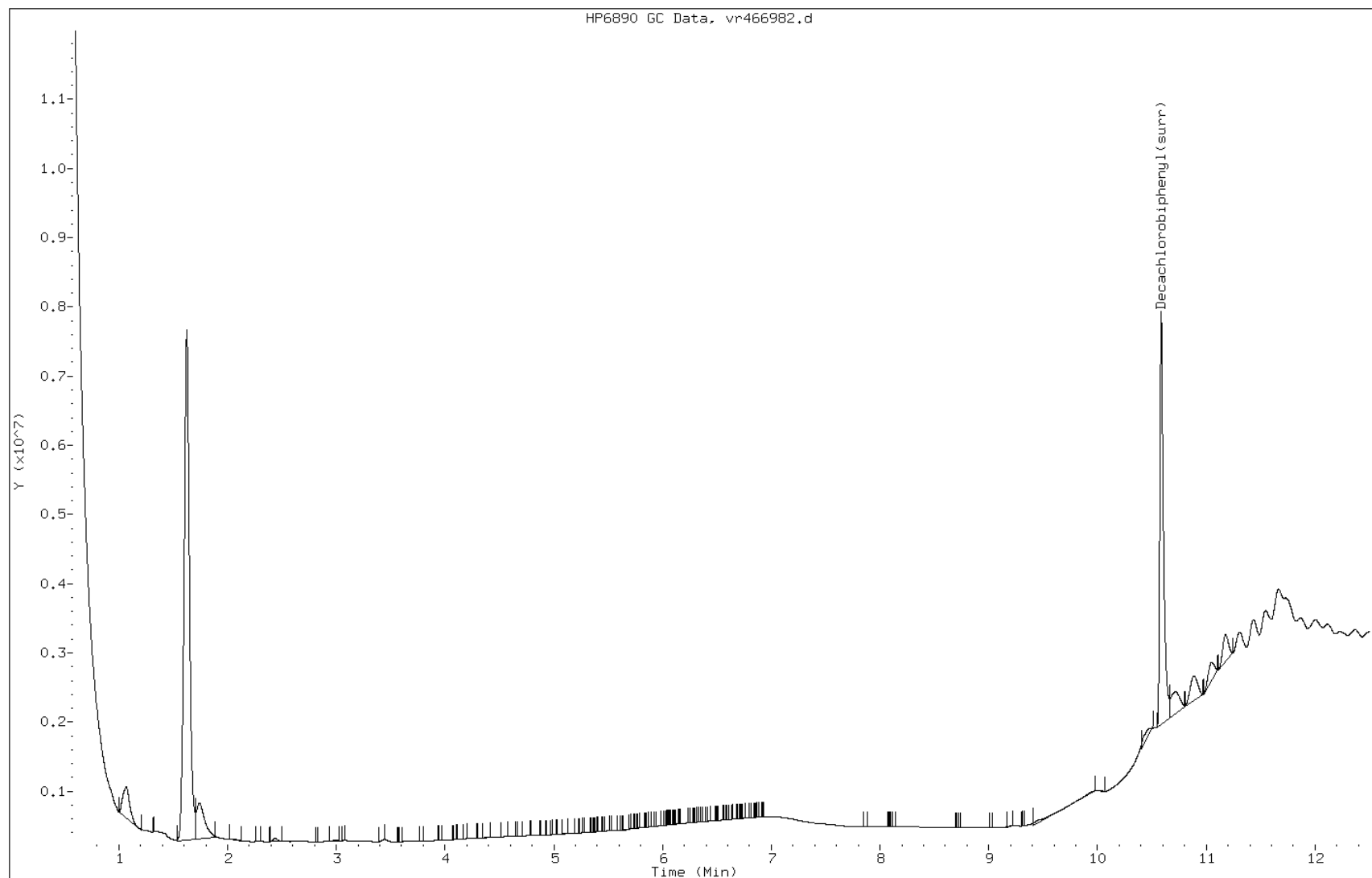
Date: 10-NOV-2011 17:04

Client ID: FB-17338-110211-13

Instrument: PESTGC9.i

Sample Info: 460-33168-H-2-A

Operator: 280



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
Matrix: Water Lab File ID: of179779.d
Analysis Method: 8082 Date Collected: 11/02/2011 12:15
Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
Sample wt/vol: 990 (mL) Date Analyzed: 11/08/2011 20:23
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92311 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		37-150

Data File: of179779.d
Report Date: 09-Nov-2011 03:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179779.d
Lab Smp Id: 460-33168-G-3-B Client Smp ID: GW-17338-110211-MW1
Inj Date : 08-NOV-2011 20:23
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-G-3-B
Misc Info : 460-33168-G-3-B
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 43
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.572	10.575	-0.003	272910	78.7443	0.40 80.00- 120.00	100.00			

Data File: of179779.d

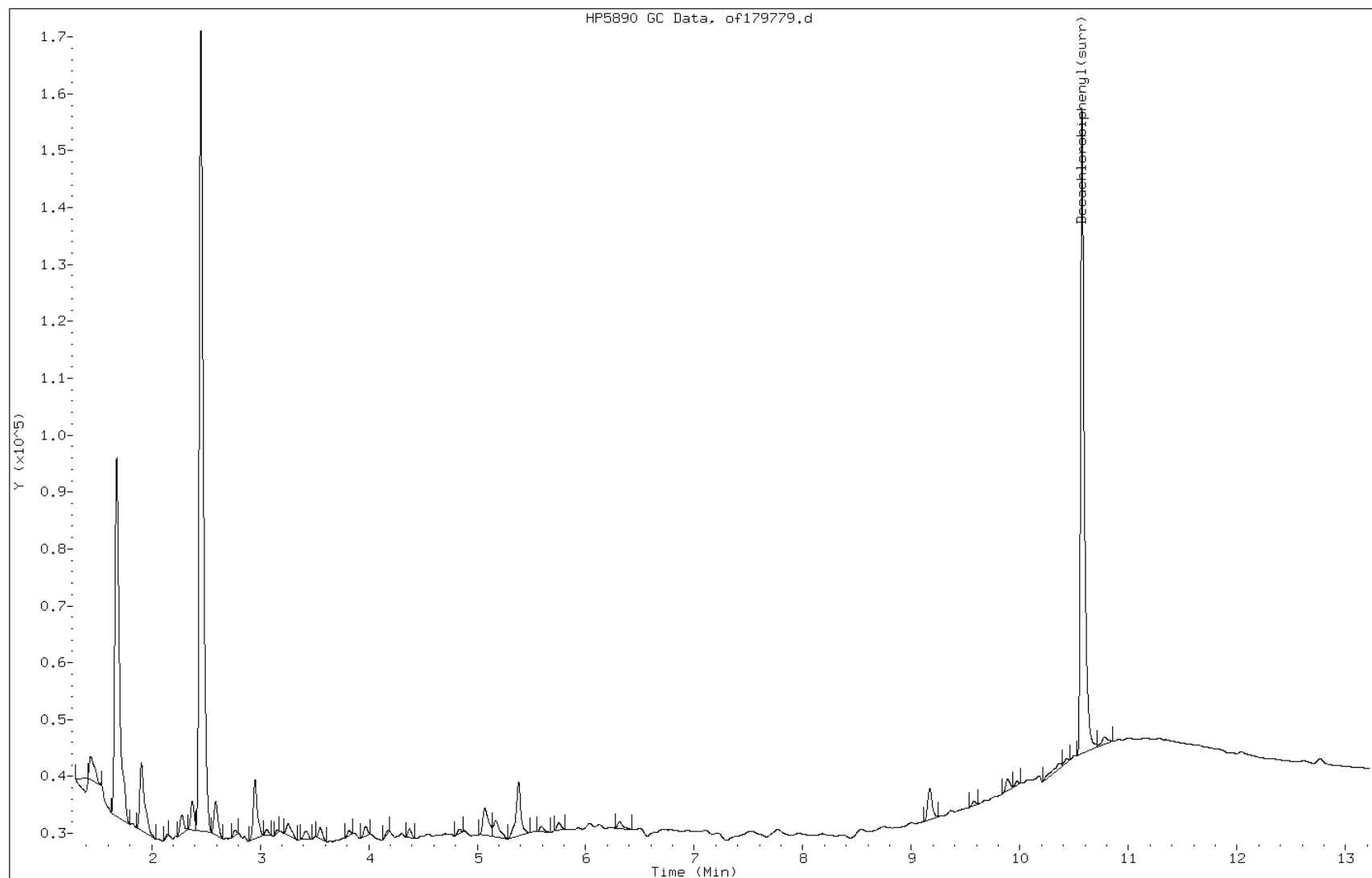
Date: 08-NOV-2011 20:23

Client ID: GW-17338-110211-MW1

Instrument: PESTGC7.i

Sample Info: 460-33168-G-3-B

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
 Matrix: Water Lab File ID: or179779.d
 Analysis Method: 8082 Date Collected: 11/02/2011 12:15
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 990 (mL) Date Analyzed: 11/08/2011 20:23
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

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

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	78		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179779.d
Lab Smp Id: 460-33168-G-3-B Client Smp ID: GW-17338-110211-MW1
Inj Date : 08-NOV-2011 20:23
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-G-3-B
Misc Info : 460-33168-G-3-B
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 43
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3									
9.397	9.402	-0.005	245179	77.9286	0.39 80.00- 120.00	100.00			

Data File: or179779.d

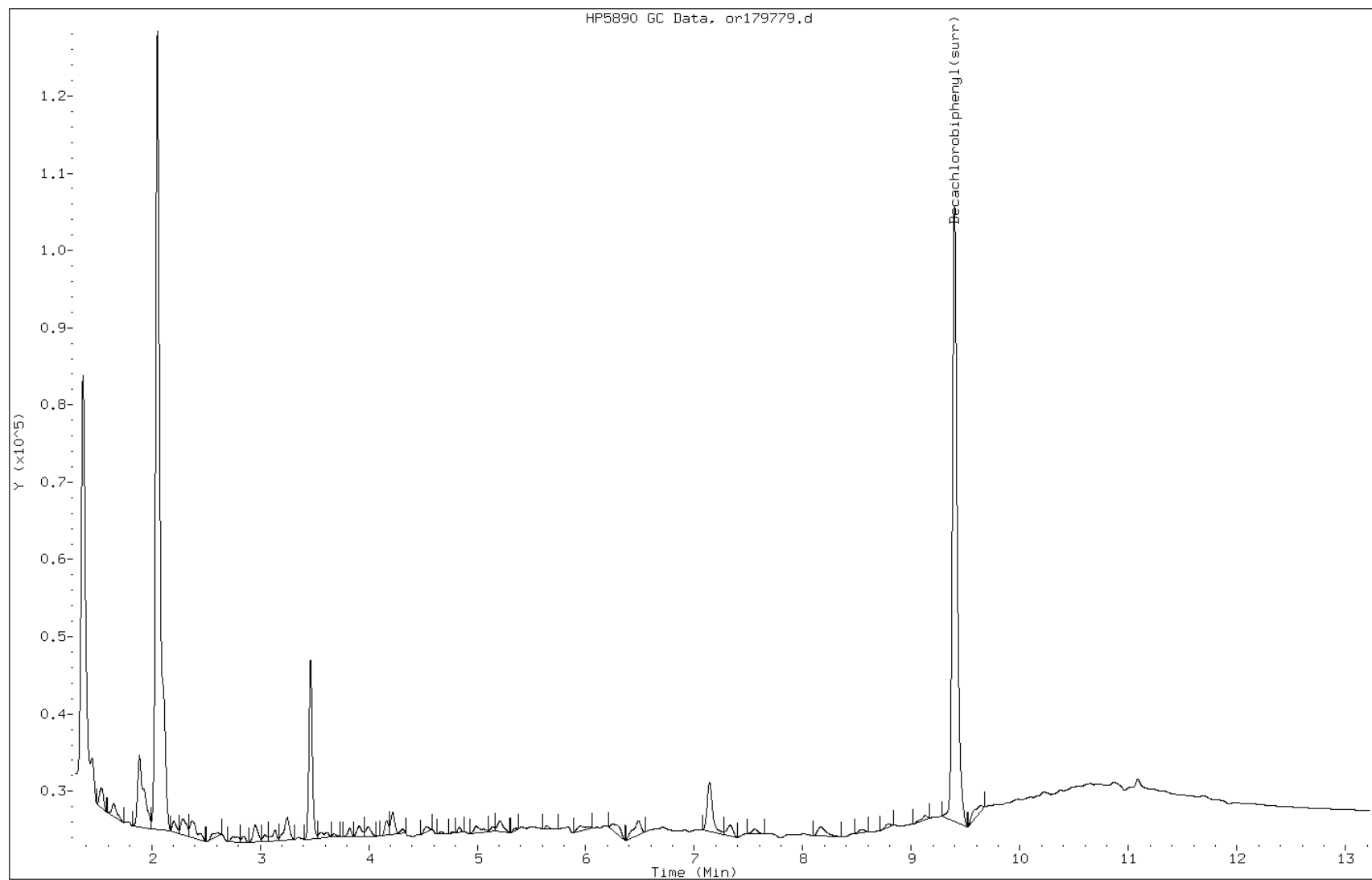
Date: 08-NOV-2011 20:23

Client ID: GW-17338-110211-MW1

Instrument: PESTGC7.i

Sample Info: 460-33168-G-3-B

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
Matrix: Water Lab File ID: vf466983.d
Analysis Method: 8082 Date Collected: 11/02/2011 12:15
Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
Sample wt/vol: 970 (mL) Date Analyzed: 11/10/2011 17:20
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92863 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		37-150

Data File: vf466983.d
Report Date: 14-Nov-2011 09:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/vf466983.d
Lab Smp Id: 460-33168-I-3-A Client Smp ID: GW-17338-110211-MW1
Inj Date : 10-NOV-2011 17:20
Operator : 280 Inst ID: PESTGC9.i
Smp Info : 460-33168-I-3-A
Misc Info : 460-33168-I-3-A
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/08Vf8082.m
Meth Date : 14-Nov-2011 09:44 shanthi Quant Type: ESTD
Cal Date : 04-NOV-2011 04:57 Cal File: vf466670.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
11.505	11.502	0.003	9255230	79.6868	0.41	80.00- 120.00	100.00(M)		

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466983.d

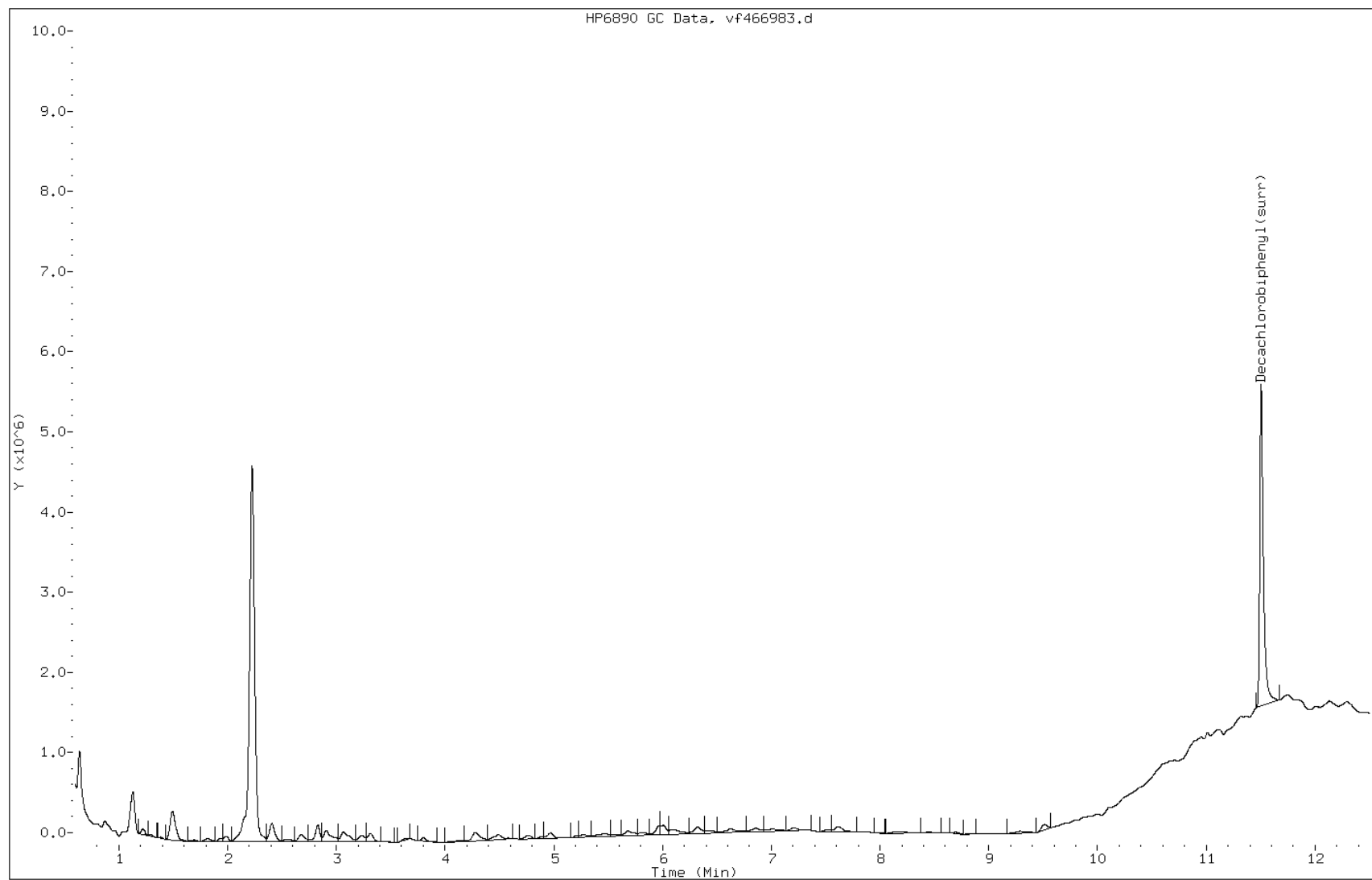
Date: 10-NOV-2011 17:20

Client ID: GW-17338-110211-MW1

Instrument: PESTGC9.i

Sample Info: 460-33168-I-3-A

Operator: 280



Manual Integration Report

Data File: vf466983.d
Inj. Date and Time: 10-NOV-2011 17:20
Instrument ID: PESTGC9.i
Client ID: GW-17338-110211-MW1
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/14/2011

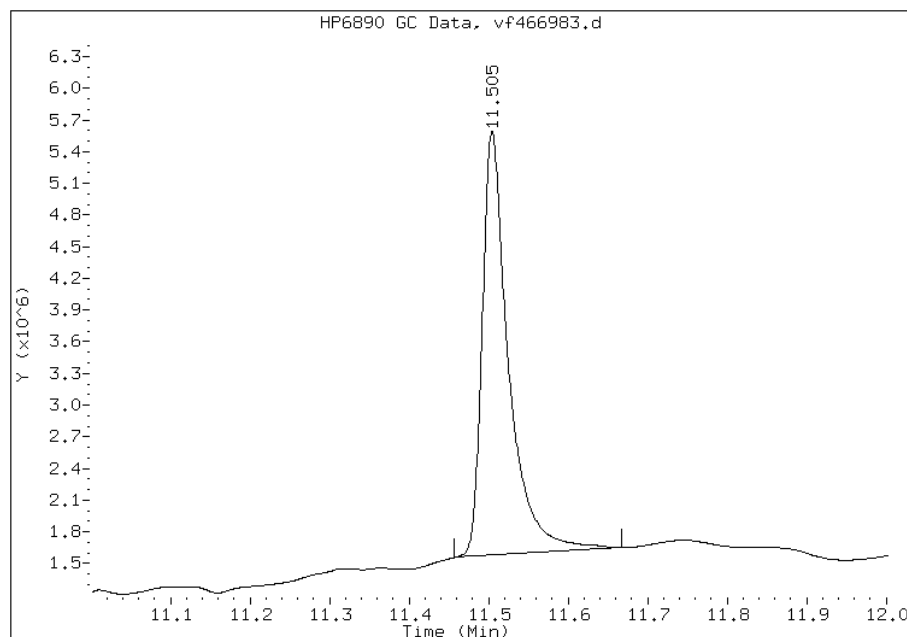
Processing Integration Results

Not Detected

Expected RT: 11.50

Manual Integration Results

RT: 11.50
Response: 9255230
Amount: 79.69
Conc: 0.41



Manually Integrated By: shanthi
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW105-14 Lab Sample ID: 460-33168-3
 Matrix: Water Lab File ID: vr466983.d
 Analysis Method: 8082 Date Collected: 11/02/2011 12:15
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 970 (mL) Date Analyzed: 11/10/2011 17:20
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92863 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	0.52	U H	0.52	0.13
11104-28-2	PCB-1221	0.52	U H	0.52	0.29
11141-16-5	PCB-1232	0.52	U H	0.52	0.12
53469-21-9	PCB-1242	0.52	U H	0.52	0.12
12672-29-6	PCB-1248	0.52	U H	0.52	0.25
11097-69-1	PCB-1254	0.52	U H	0.52	0.18
11096-82-5	PCB-1260	0.52	U H	0.52	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		37-150

Data File: vr466983.d
Report Date: 14-Nov-2011 09:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/vr466983.d
Lab Smp Id: 460-33168-I-3-A Client Smp ID: GW-17338-110211-MW1
Inj Date : 10-NOV-2011 17:20
Operator : 280 Inst ID: PESTGC9.i
Smp Info : 460-33168-I-3-A
Misc Info : 460-33168-I-3-A
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/08Vr8082.m
Meth Date : 14-Nov-2011 09:46 shanthi Quant Type: ESTD
Cal Date : 04-NOV-2011 04:57 Cal File: vr466670.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	970.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.585	10.586	-0.001	15026125	76.5186	0.39	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466983.d

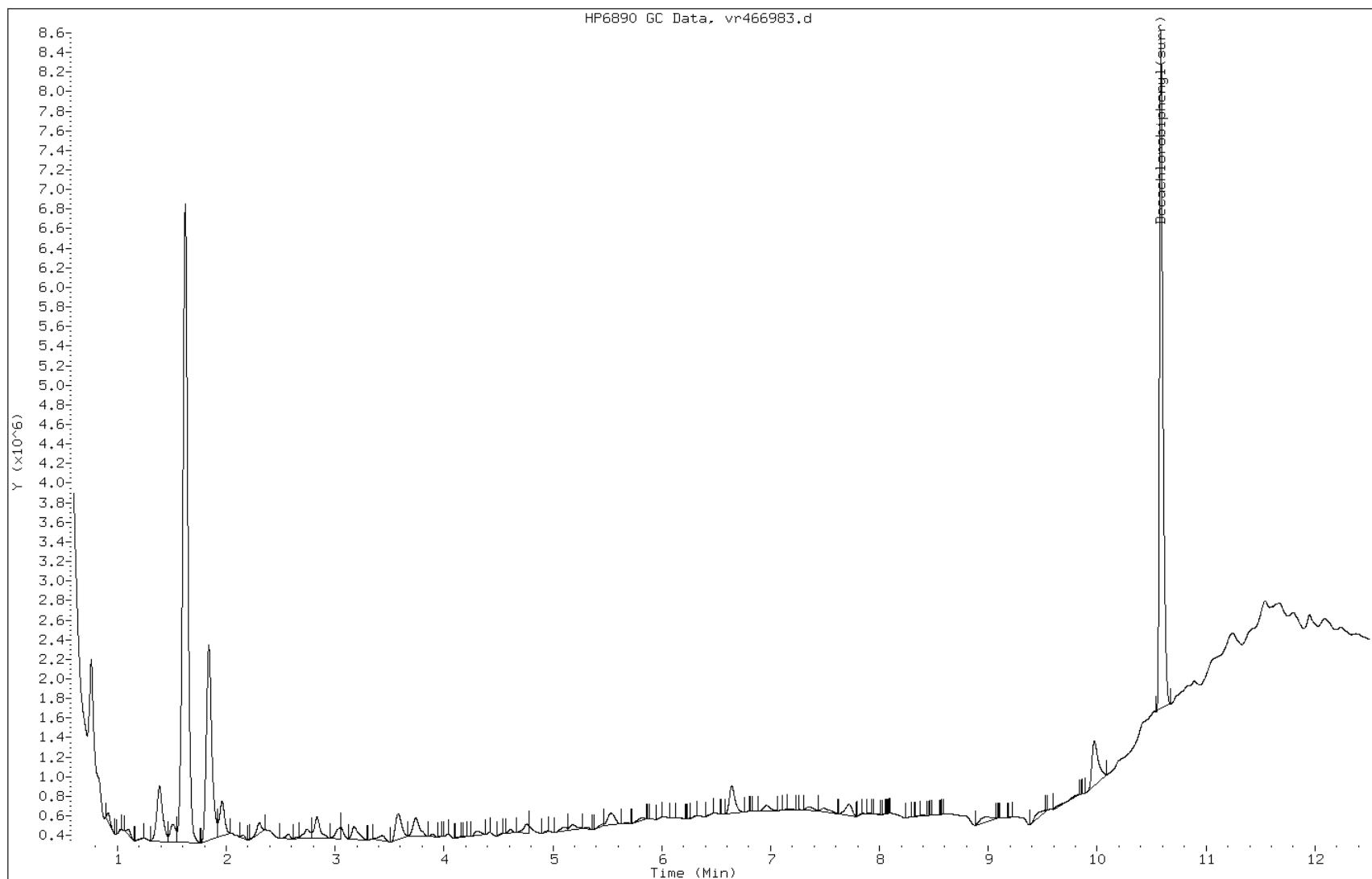
Date: 10-NOV-2011 17:20

Client ID: GW-17338-110211-MW1

Instrument: PESTGC9.i

Sample Info: 460-33168-I-3-A

Operator: 280

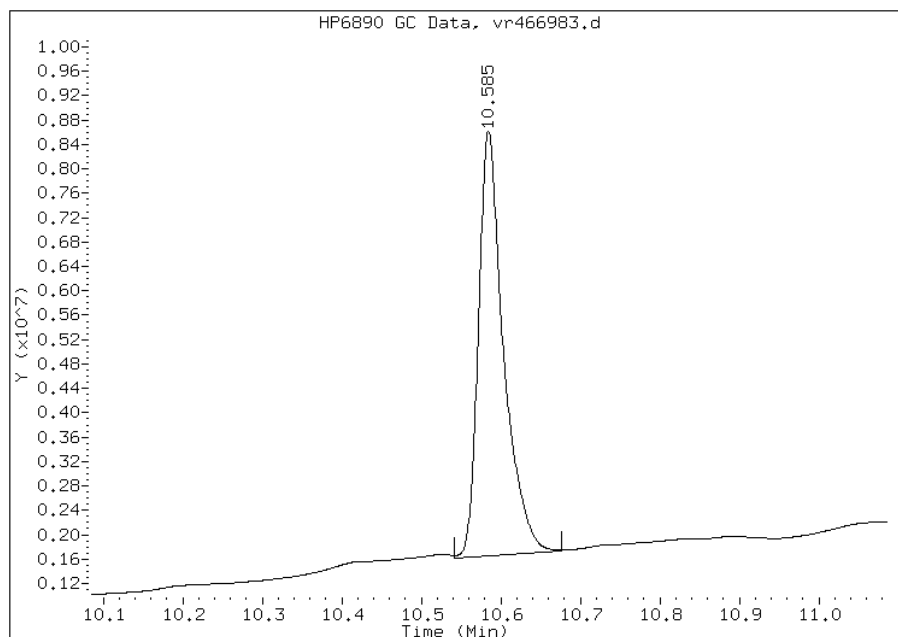


Manual Integration Report

Data File: vr466983.d
Inj. Date and Time: 10-NOV-2011 17:20
Instrument ID: PESTGC9.i
Client ID: GW-17338-110211-MW1
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/14/2011

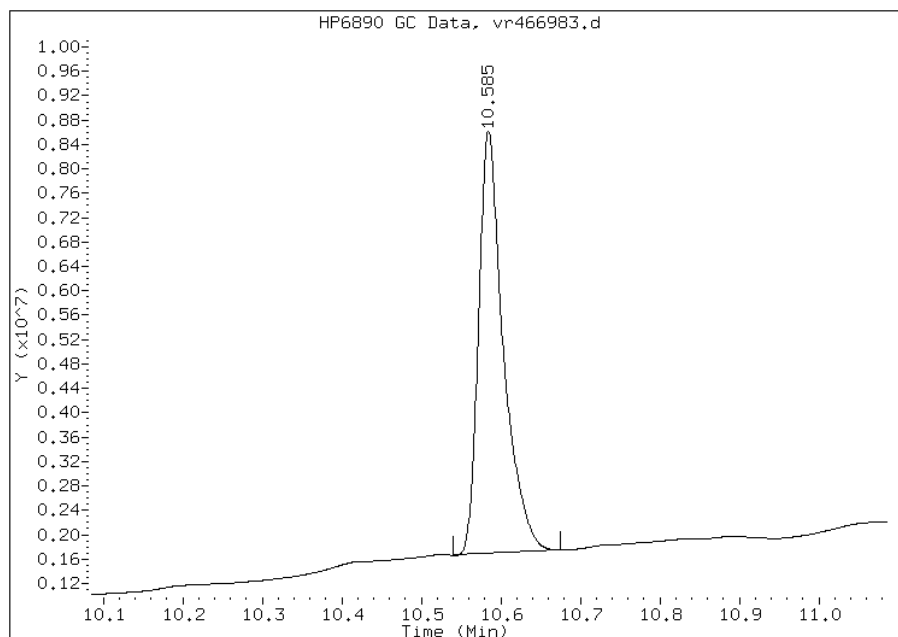
Processing Integration Results

RT: 10.58
Response: 15363387
Amount: 78.24
Conc: 0.40



Manual Integration Results

RT: 10.58
Response: 15026125
Amount: 76.52
Conc: 0.39



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	of178199.d
Level 2	IC 460-88199/7	of178200.d
Level 3	IC 460-88199/8	of178201.d
Level 4	IC 460-88199/9	of178202.d
Level 5	IC 460-88199/10	of178203.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.998	2.998	2.997	2.997	2.997						2.927 - 3.067	2.997
PCB-1016 Peak 2	3.462	3.462	3.460	3.460	3.460						3.390 - 3.530	3.461
PCB-1016 Peak 3	3.743	3.743	3.742	3.742	3.742						3.672 - 3.812	3.742
PCB-1016 Peak 4	3.998	3.998	3.997	3.997	3.997						3.927 - 4.067	3.997
PCB-1016 Peak 5	4.165	4.165	4.163	4.165	4.163						4.093 - 4.233	4.164
PCB-1016 Peak 6	4.467	4.465	4.465	4.465	4.465						4.395 - 4.535	4.465
PCB-1016 Peak 7	5.283	5.282	5.282	5.282	5.282						5.212 - 5.352	5.282
PCB-1016 Peak 8	5.530	5.530	5.528	5.528	5.528						5.458 - 5.598	5.529
PCB-1260 Peak 1	6.417	6.417	6.415	6.415	6.415						6.345 - 6.485	6.416
PCB-1260 Peak 2	6.750	6.750	6.748	6.748	6.748						6.678 - 6.818	6.749
PCB-1260 Peak 3	7.392	7.392	7.390	7.390	7.390						7.320 - 7.460	7.391
PCB-1260 Peak 4	7.585	7.585	7.583	7.585	7.585						7.513 - 7.653	7.585
PCB-1260 Peak 5	7.698	7.700	7.698	7.698	7.698						7.628 - 7.768	7.699
PCB-1260 Peak 6	8.245	8.245	8.243	8.243	8.243						8.173 - 8.313	8.244
PCB-1260 Peak 7	9.412	9.412	9.412	9.412	9.410						9.342 - 9.482	9.411
PCB-1260 Peak 8	10.083	10.083	10.082	10.082	10.082						10.012 - 10.152	10.082
DCB Decachlorobiphenyl	10.600	10.600	10.600	10.600	10.600						10.500 - 10.700	10.600

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	of178199.d
Level 2	IC 460-88199/7	of178200.d
Level 3	IC 460-88199/8	of178201.d
Level 4	IC 460-88199/9	of178202.d
Level 5	IC 460-88199/10	of178203.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	114.58 108.64	127.64	118.69	117.79	Ave		117.469693				5.9		20.0			
PCB-1016 Peak 2	327.70 231.67	305.73	258.30	255.65	Ave		275.810573				14.3		20.0			
PCB-1016 Peak 3	126.77 110.50	132.88	119.09	120.07	Ave		121.862853				6.9		20.0			
PCB-1016 Peak 4	550.65 442.11	544.05	476.29	478.73	Ave		498.365813				9.4		20.0			
PCB-1016 Peak 5	232.88 190.67	231.90	206.00	206.60	Ave		213.608307				8.6		20.0			
PCB-1016 Peak 6	159.23 118.61	150.14	128.85	128.47	Ave		137.061947				12.3		20.0			
PCB-1016 Peak 7	141.54 122.49	149.48	136.35	133.14	Ave		136.598800				7.3		20.0			
PCB-1016 Peak 8	138.58 122.58	150.55	137.77	132.63	Ave		136.423213				7.4		20.0			
PCB-1260 Peak 1	375.47 290.73	370.63	336.97	322.24	Ave		339.207973				10.4		20.0			
PCB-1260 Peak 2	443.11 327.41	411.85	374.41	356.20	Ave		382.596453				11.9		20.0			
PCB-1260 Peak 3	520.58 492.46	614.21	554.84	533.52	Ave		543.122240				8.4		20.0			
PCB-1260 Peak 4	270.47 231.71	283.18	259.64	248.67	Ave		258.734547				7.7		20.0			
PCB-1260 Peak 5	153.67 139.39	162.64	152.19	147.87	Ave		151.149480				5.6		20.0			
PCB-1260 Peak 6	256.06 289.58	339.97	319.19	304.53	Ave		301.864573				10.5		20.0			
PCB-1260 Peak 7	434.49 357.34	421.91	398.25	373.57	Ave		397.110960				8.1		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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

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	131.26 114.64	133.93	130.60	120.88	Ave		126.259747				6.5		20.0			
DCB Decachlorobiphenyl	3558.2 3235.5	3819.0	3357.9	3358.4	Ave		3465.78267				6.6		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12564

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	of178199.d
Level 2	IC 460-88199/7	of178200.d
Level 3	IC 460-88199/8	of178201.d
Level 4	IC 460-88199/9	of178202.d
Level 5	IC 460-88199/10	of178203.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	11458	63821	118693	176686	271607	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	32770	152867	258299	383482	579163	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	12677	66440	119094	180109	276244	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	55065	272024	476292	718096	1105271	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	23288	115950	205997	309896	476668	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	15923	75070	128852	192710	296536	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	14154	74738	136348	199707	306230	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	13858	75277	137773	198946	306446	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	37547	185316	336966	483361	726828	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	44311	205925	374412	534295	818534	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	52058	307104	554838	800283	1231158	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	27047	141590	259643	373004	579276	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	15367	81318	152187	221799	348471	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	25606	169984	319185	456802	723938	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	43449	210957	398246	560349	893347	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	13126	66963	130599	181313	286596	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	88954	190949	335788	503759	647100	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: of178199.d
Report Date: 04-Oct-2011 13:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178199.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 04-OCT-2011 09:50
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:40 shanthi
Cal Date : 04-OCT-2011 09:50
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: of178199.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			
2.998	2.997	0.001	11458	100.000	98	80.00-	120.00	100.00(M)
3.462	3.460	0.002	32770	100.000	120	228.80-	343.20	286.00
3.743	3.742	0.001	12677	100.000	100	88.51-	132.77	110.64
3.998	3.997	0.001	55065	100.000	110	384.47-	576.70	480.58
4.165	4.163	0.002	23288	100.000	110	162.60-	243.90	203.25
4.467	4.465	0.002	15923	100.000	120	111.17-	166.76	138.97
5.283	5.282	0.001	14154	100.000	100	98.82-	148.24	123.53
5.530	5.528	0.002	13858	100.000	100	96.76-	145.14	120.95
Average of Peak Amounts =					108			

27 Aroclor-1260					CAS #: 11096-82-5			
6.417	6.415	0.002	37547	100.000	110	80.00-	120.00	100.00(M)

Data File: of178199.d
 Report Date: 04-Oct-2011 13:40

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.750	6.748	0.002	44311	100.000	120	94.41-	141.62	118.01	
7.392	7.390	0.002	52058	100.000	96	110.92-	166.38	138.65	
7.585	7.583	0.002	27047	100.000	100	57.63-	86.44	72.04	
7.698	7.698	0.000	15367	100.000	100	32.74-	49.11	40.93	
8.245	8.243	0.002	25606	100.000	85	54.56-	81.84	68.20	
9.412	9.412	0.000	43449	100.000	110	92.58-	138.86	115.72	
10.083	10.082	0.001	13126	100.000	100	27.97-	41.95	34.96	
Average of Peak Amounts =					103				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	88954	25.0000	26	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178199.d

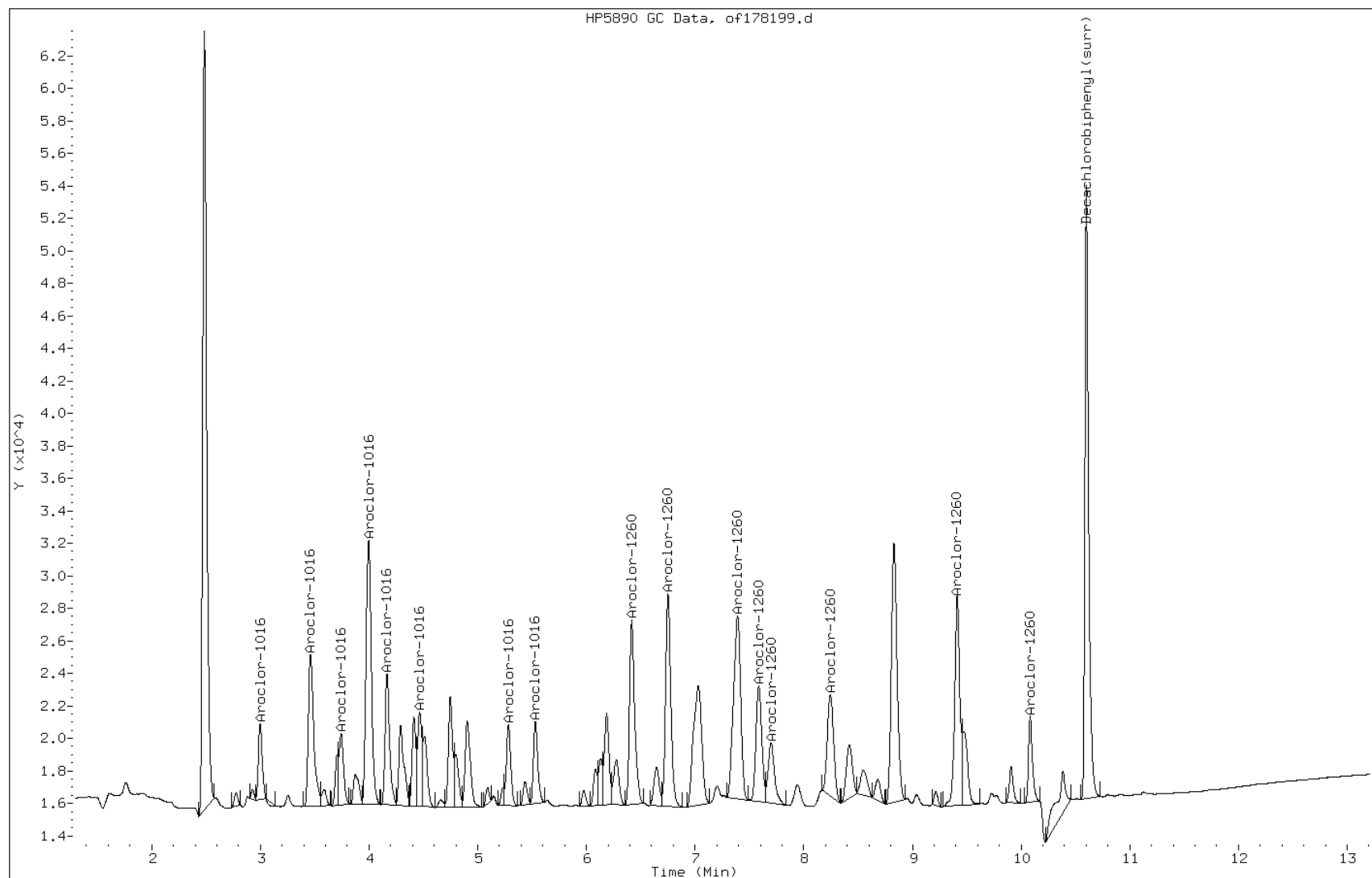
Date: 04-OCT-2011 09:50

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Data File: of178200.d
Report Date: 04-Oct-2011 13:40

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178200.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 04-OCT-2011 10:06
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:40 shanthi
Cal Date : 04-OCT-2011 10:06
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: of178200.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	RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====	=====	=====		=====
21 Aroclor-1016						CAS #: 12674-11-2			
2.998	2.997	0.001		63821	500.000	540	80.00-	120.00	100.00
3.462	3.460	0.002		152867	500.000	550	191.62-	287.43	239.52
3.743	3.742	0.001		66440	500.000	540	83.28-	124.92	104.10
3.998	3.997	0.001		272024	500.000	540	340.98-	511.48	426.23
4.165	4.163	0.002		115950	500.000	540	145.34-	218.02	181.68
4.465	4.465	0.000		75070	500.000	550	94.10-	141.15	117.63
5.282	5.282	0.000		74738	500.000	550	93.68-	140.53	117.11
5.530	5.528	0.002		75277	500.000	550	94.36-	141.54	117.95
Average of Peak Amounts =						547			

27 Aroclor-1260						CAS #: 11096-82-5			
6.417	6.415	0.002		185316	500.000	550	80.00-	120.00	100.00(M)

Data File: of178200.d
 Report Date: 04-Oct-2011 13:40

AMOUNTS								
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.750	6.748	0.002	205925	500.000	540	88.90-	133.35	111.12
7.392	7.390	0.002	307104	500.000	560	132.58-	198.86	165.72
7.585	7.583	0.002	141590	500.000	550	61.12-	91.69	76.40
7.700	7.698	0.002	81318	500.000	540	35.10-	52.66	43.88
8.245	8.243	0.002	169984	500.000	560	73.38-	110.07	91.73
9.412	9.412	0.000	210957	500.000	530	91.07-	136.60	113.84
10.083	10.082	0.001	66963	500.000	530	28.91-	43.36	36.13
Average of Peak Amounts =					545			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.600	10.600	0.000	190949	50.0000	55	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of178200.d

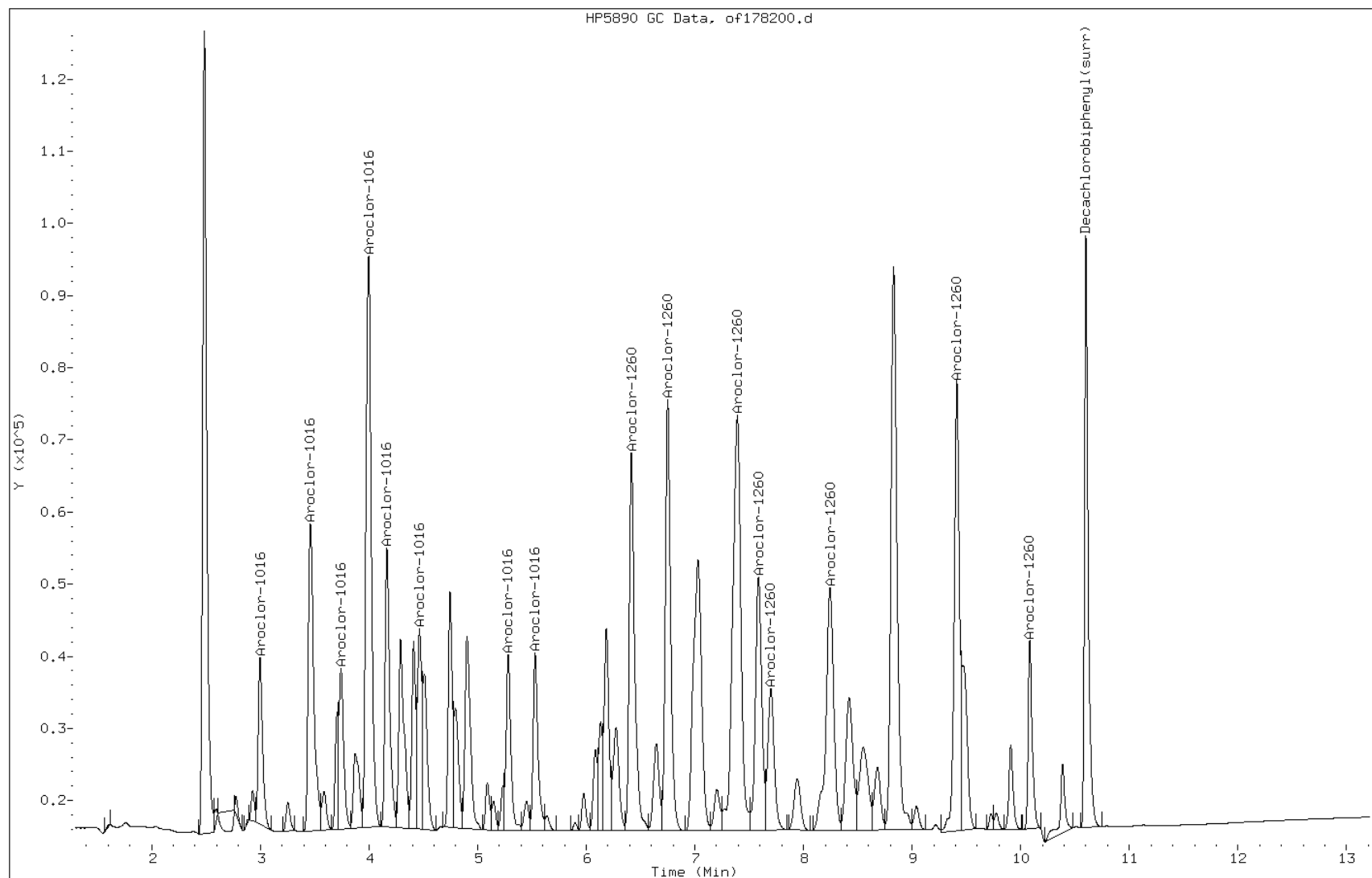
Date: 04-OCT-2011 10:06

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Data File: of178201.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178201.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 04-OCT-2011 10:23
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
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: of178210.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		
2.997	2.997	0.000	118693 1000.00	1000	80.00- 120.00	100.00(M)
3.460	3.460	0.000	258299 1000.00	940	174.10- 261.14	217.62
3.742	3.742	0.000	119094 1000.00	980	80.27- 120.41	100.34
3.997	3.997	0.000	476292 1000.00	960	321.02- 481.54	401.28
4.163	4.163	0.000	205997 1000.00	960	138.84- 208.27	173.55
4.465	4.465	0.000	128852 1000.00	940	86.85- 130.27	108.56
5.282	5.282	0.000	136348 1000.00	1000	91.90- 137.85	114.87
5.528	5.528	0.000	137773 1000.00	1000	92.86- 139.29	116.08
Average of Peak Amounts =				974		
27 Aroclor-1260				CAS #: 11096-82-5		
6.415	6.415	0.000	336966 1000.00	990	80.00- 120.00	100.00(M)

Data File: of178201.d
 Report Date: 04-Oct-2011 13:41

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO		
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)									
6.748	6.748	0.000	374412	1000.00	980	88.89-	133.34	111.11	
7.390	7.390	0.000	554838	1000.00	1000	131.73-	197.59	164.66	
7.583	7.583	0.000	259643	1000.00	1000	61.64-	92.46	77.05	
7.698	7.698	0.000	152187	1000.00	1000	36.13-	54.20	45.16	
8.243	8.243	0.000	319185	1000.00	1000	75.78-	113.67	94.72	
9.412	9.412	0.000	398246	1000.00	1000	94.55-	141.82	118.19	
10.082	10.082	0.000	130599	1000.00	1000	31.01-	46.51	38.76	
Average of Peak Amounts =					1.01e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	335788	100.000	97	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178201.d

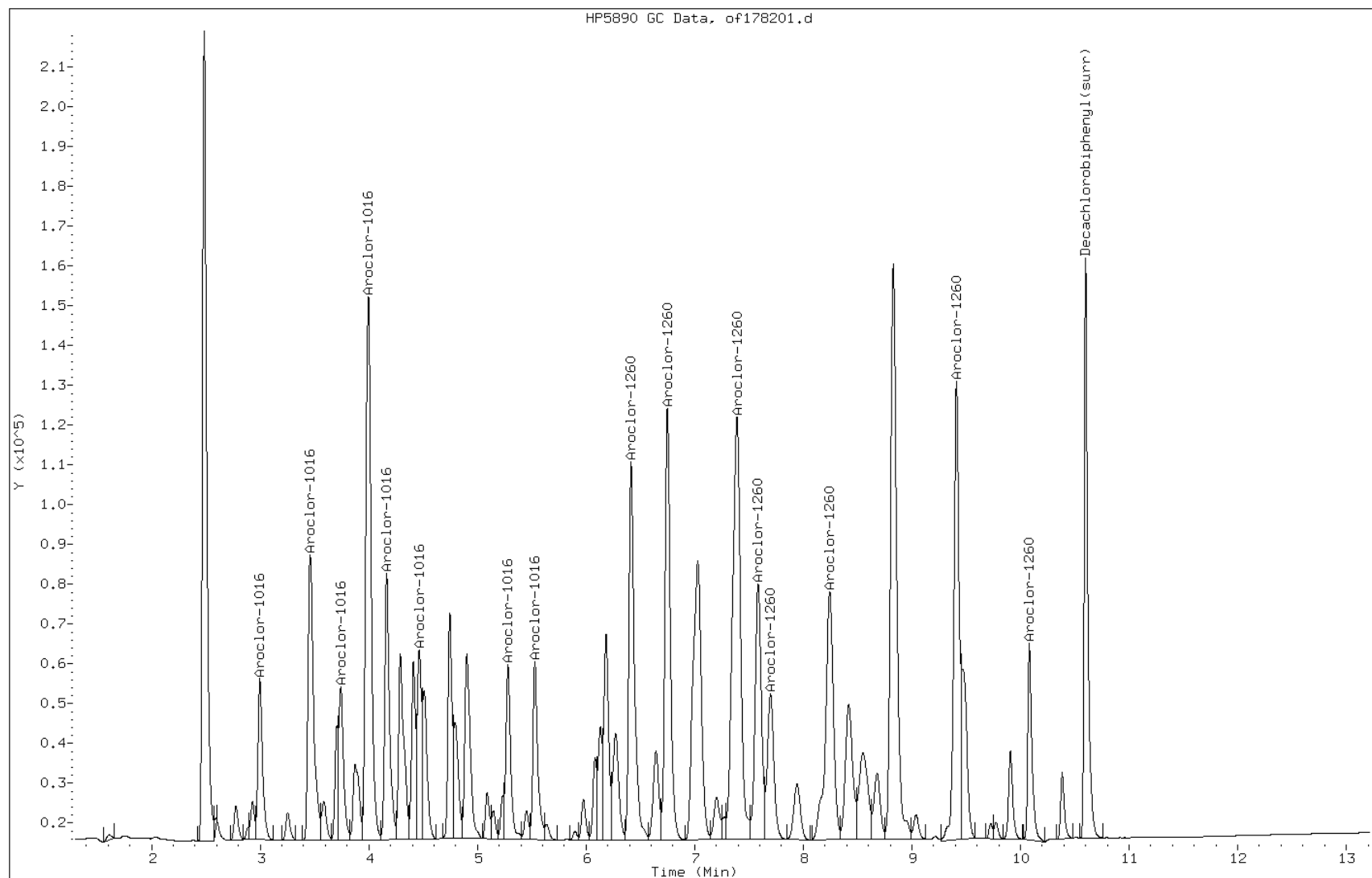
Date: 04-OCT-2011 10:23

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L3_00013

Operator: 615



Data File: of178202.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178202.d
Lab Smp Id: ICSG1660L4_00010
Inj Date : 04-OCT-2011 10:39
Operator : 615
Smp Info : ICSG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 10:39
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: of178202.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			
2.997	2.997	0.000	176686	1500.00	1500	80.00-	120.00	100.00(M)
3.460	3.460	0.000	383482	1500.00	1400	173.63-	260.45	217.04
3.742	3.742	0.000	180109	1500.00	1500	81.55-	122.32	101.94
3.997	3.997	0.000	718096	1500.00	1400	325.14-	487.71	406.42
4.165	4.163	0.002	309896	1500.00	1400	140.31-	210.47	175.39
4.465	4.465	0.000	192710	1500.00	1400	87.26-	130.88	109.07
5.282	5.282	0.000	199707	1500.00	1500	90.42-	135.64	113.03
5.528	5.528	0.000	198946	1500.00	1400	90.08-	135.12	112.60
Average of Peak Amounts =					1.45e+03			

27 Aroclor-1260					CAS #: 11096-82-5				
6.415	6.415	0.000	483361	1500.00	1400	80.00-	120.00	100.00(M)	

Data File: of178202.d
 Report Date: 04-Oct-2011 13:41

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.748	6.748	0.000	534295	1500.00	1400	88.43-	132.64	110.54	
7.390	7.390	0.000	800283	1500.00	1500	132.45-	198.68	165.57	
7.585	7.583	0.002	373004	1500.00	1400	61.74-	92.60	77.17	
7.698	7.698	0.000	221799	1500.00	1500	36.71-	55.06	45.89	
8.243	8.243	0.000	456802	1500.00	1500	75.60-	113.41	94.51	
9.412	9.412	0.000	560349	1500.00	1400	92.74-	139.11	115.93	
10.082	10.082	0.000	181313	1500.00	1400	30.01-	45.01	37.51	
Average of Peak Amounts =					1.45e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	503759	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178202.d

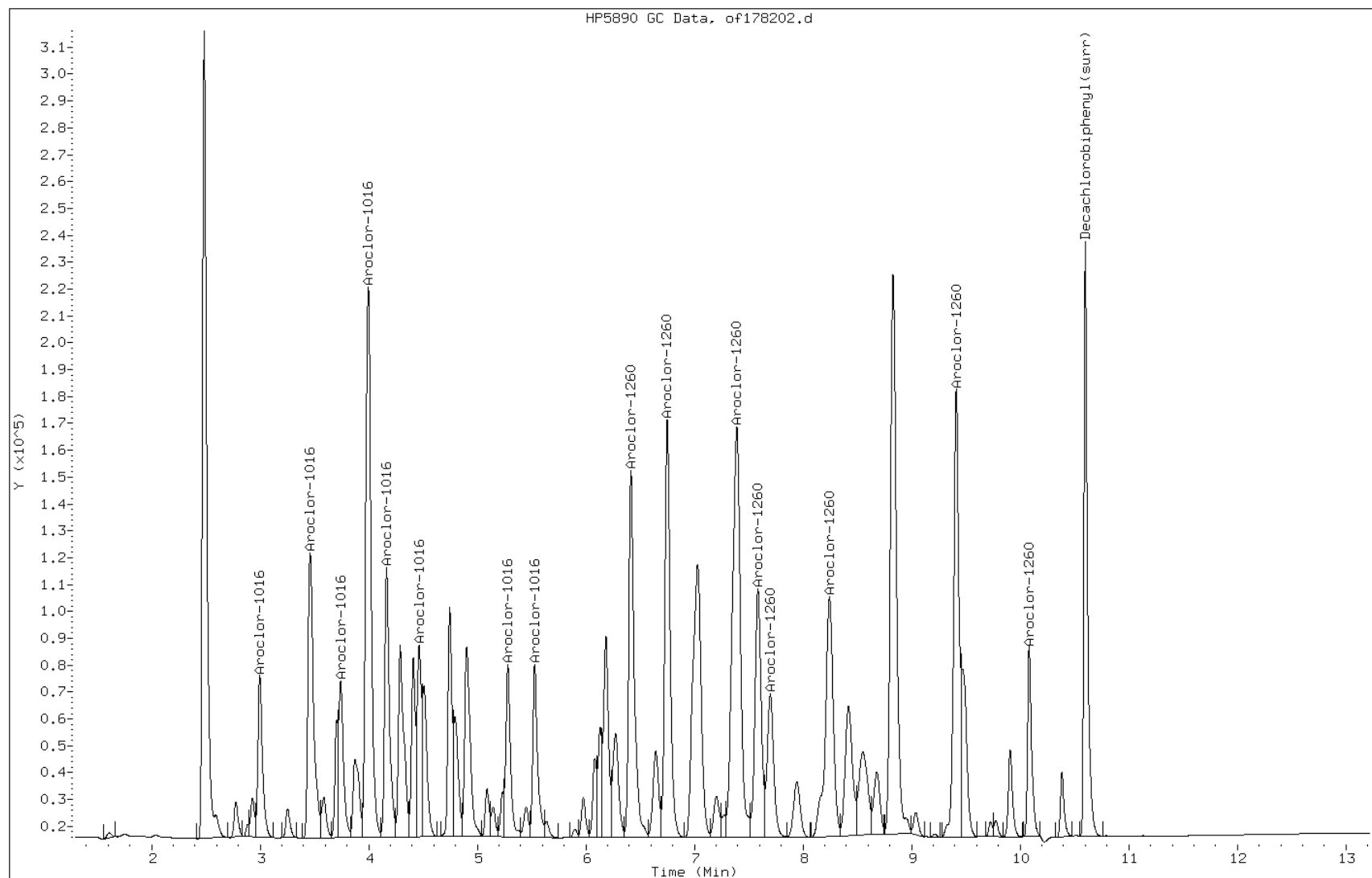
Date: 04-OCT-2011 10:39

Client ID:

Instrument: PESTGC7.i

Sample Info: ICSG1660L4_00010

Operator: 615



Data File: of178203.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178203.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 04-OCT-2011 10:56
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 10:56
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: of178203.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			
2.997	2.997	0.000		271607	2500.00	2300	80.00-	120.00	100.00
3.460	3.460	0.000		579163	2500.00	2100	170.59-	255.88	213.24
3.742	3.742	0.000		276244	2500.00	2300	81.37-	122.05	101.71
3.997	3.997	0.000		1105271	2500.00	2200	325.55-	488.33	406.94
4.163	4.163	0.000		476668	2500.00	2200	140.40-	210.60	175.50
4.465	4.465	0.000		296536	2500.00	2200	87.34-	131.01	109.18
5.282	5.282	0.000		306230	2500.00	2200	90.20-	135.30	112.75
5.528	5.528	0.000		306446	2500.00	2200	90.26-	135.39	112.83
Average of Peak Amounts =						2.22e+03			

27 Aroclor-1260						CAS #: 11096-82-5			
6.415	6.415	0.000		726828	2500.00	2100	80.00-	120.00	100.00(M)

Data File: of178203.d
 Report Date: 04-Oct-2011 13:41

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.748	6.748	0.000	818534	2500.00	2100	90.09-	135.14	112.62	
7.390	7.390	0.000	1231158	2500.00	2300	135.51-	203.27	169.39	
7.585	7.583	0.002	579276	2500.00	2200	63.76-	95.64	79.70	
7.698	7.698	0.000	348471	2500.00	2300	38.36-	57.53	47.94	
8.243	8.243	0.000	723938	2500.00	2400	79.68-	119.52	99.60	
9.410	9.412	-0.002	893347	2500.00	2200	98.33-	147.49	122.91	
10.082	10.082	0.000	286596	2500.00	2300	31.54-	47.32	39.43	
Average of Peak Amounts =					2.25e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.600	10.600	0.000	647100	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: of178203.d

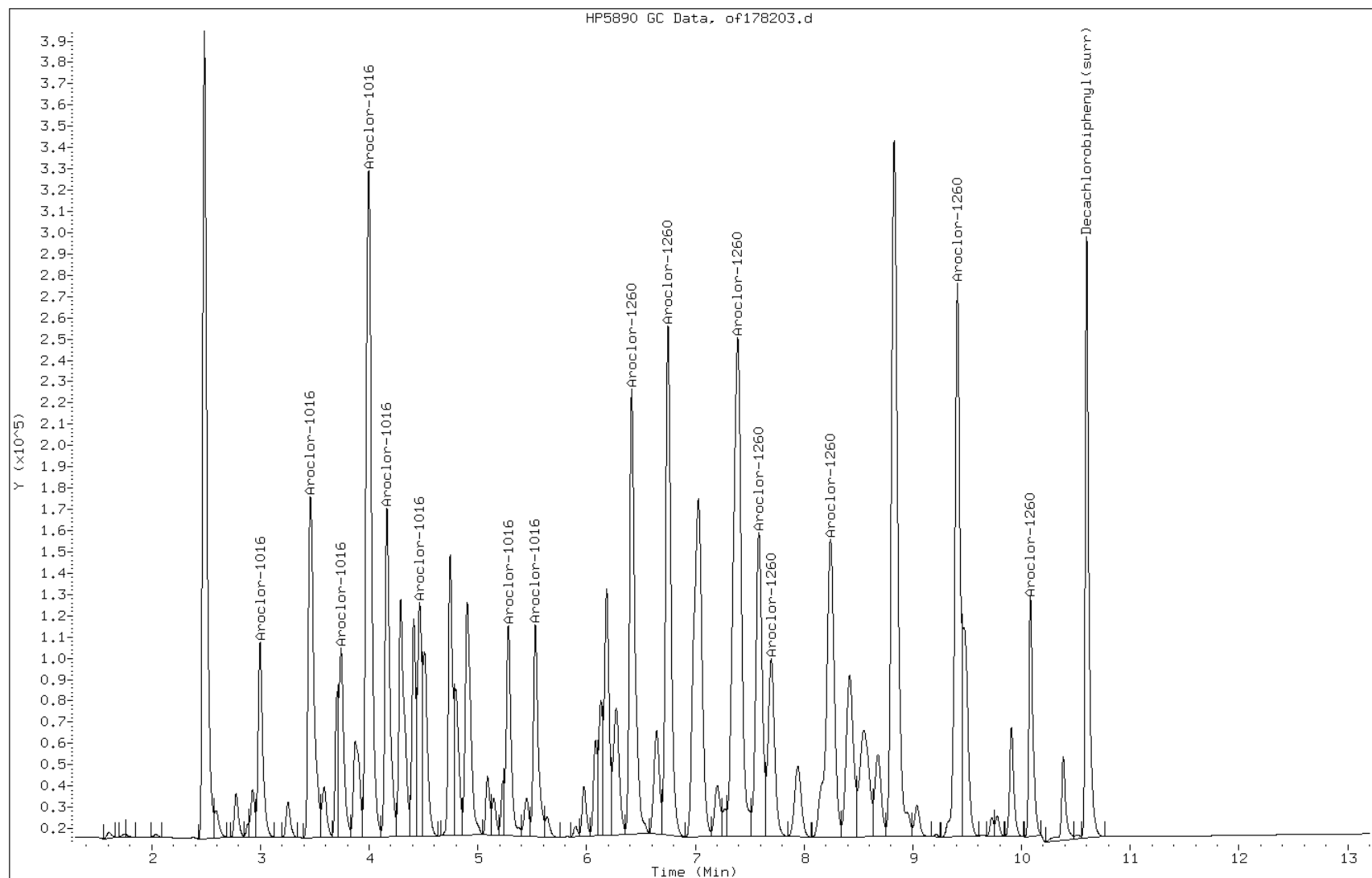
Date: 04-OCT-2011 10:56

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	or178199.d
Level 2	IC 460-88199/7	or178200.d
Level 3	IC 460-88199/8	or178201.d
Level 4	IC 460-88199/9	or178202.d
Level 5	IC 460-88199/10	or178203.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.382	2.380	2.380	2.380	2.380						2.310 - 2.450	2.380
PCB-1016 Peak 2	2.712	2.710	2.710	2.710	2.710						2.640 - 2.780	2.710
PCB-1016 Peak 3	2.905	2.905	2.903	2.903	2.903						2.833 - 2.973	2.904
PCB-1016 Peak 4	3.168	3.168	3.168	3.168	3.167						3.098 - 3.238	3.168
PCB-1016 Peak 5	3.313	3.313	3.313	3.312	3.312						3.243 - 3.383	3.313
PCB-1016 Peak 6	3.375	3.375	3.375	3.373	3.373						3.305 - 3.445	3.374
PCB-1016 Peak 7	3.512	3.527	3.528	3.525	3.522						3.458 - 3.598	3.523
PCB-1016 Peak 8	3.755	3.755	3.755	3.753	3.753						3.685 - 3.825	3.754
PCB-1260 Peak 1	5.180	5.178	5.178	5.177	5.178						5.108 - 5.248	5.178
PCB-1260 Peak 2	5.523	5.522	5.522	5.522	5.520						5.452 - 5.592	5.522
PCB-1260 Peak 3	5.868	5.868	5.868	5.867	5.867						5.798 - 5.938	5.868
PCB-1260 Peak 4	6.017	6.015	6.015	6.015	6.013						5.945 - 6.085	6.015
PCB-1260 Peak 5	6.347	6.347	6.347	6.345	6.345						6.277 - 6.417	6.346
PCB-1260 Peak 6	7.320	7.320	7.320	7.318	7.318						7.250 - 7.390	7.319
PCB-1260 Peak 7	7.483	7.483	7.485	7.483	7.483						7.415 - 7.555	7.484
PCB-1260 Peak 8	8.702	8.702	8.702	8.702	8.700						8.632 - 8.772	8.701
DCB Decachlorobiphenyl	9.453	9.453	9.453	9.452	9.452						9.353 - 9.553	9.453

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	or178199.d
Level 2	IC 460-88199/7	or178200.d
Level 3	IC 460-88199/8	or178201.d
Level 4	IC 460-88199/9	or178202.d
Level 5	IC 460-88199/10	or178203.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	119.85 81.415	105.33	88.854	89.633	Ave		97.0165067				15.9		20.0			
PCB-1016 Peak 2	173.97 132.02	174.98	147.50	145.37	Ave		154.767440				12.2		20.0			
PCB-1016 Peak 3	98.430 99.609	121.97	105.83	106.85	Ave		106.536573				8.8		20.0			
PCB-1016 Peak 4	349.09 293.37	360.18	313.35	315.66	Ave		326.329027				8.4		20.0			
PCB-1016 Peak 5	136.71 110.57	140.04	120.21	119.42	Ave		125.389893				10.0		20.0			
PCB-1016 Peak 6	80.460 86.363	98.984	88.535	91.867	Ave		89.2418267				7.7		20.0			
PCB-1016 Peak 7	206.21 135.73	174.23	146.53	139.71	Ave		160.483613				18.5		20.0			
PCB-1016 Peak 8	141.49 114.46	144.43	123.81	125.08	Ave		129.853973				9.8		20.0			
PCB-1260 Peak 1	221.88 163.04	206.02	186.10	176.37	Ave		190.683187				12.3		20.0			
PCB-1260 Peak 2	393.98 292.50	362.77	332.49	316.91	Ave		339.728507				11.7		20.0			
PCB-1260 Peak 3	355.37 287.39	344.82	319.72	307.88	Ave		323.037040				8.5		20.0			
PCB-1260 Peak 4	174.78 129.91	161.22	148.16	139.47	Ave		150.709373				11.8		20.0			
PCB-1260 Peak 5	187.23 222.07	171.57	158.44	151.20	Ave		178.100547				15.8		20.0			
PCB-1260 Peak 6	202.34 190.03	215.84	206.25	201.49	Ave		203.189773				4.6		20.0			
PCB-1260 Peak 7	109.81 104.02	111.19	111.63	109.41	Ave		109.210280				2.8		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 CURVE EVALUTION

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

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	90.170 101.76	111.92	108.16	106.51	Ave		103.703747				8.1		20.0			
DCB Decachlorobiphenyl	3184.2 2934.2	3454.0	3069.7	3088.8	Ave		3146.20100				6.2		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 09:50 Calibration End Date: 10/04/2011 10:56 Calibration ID: 12560

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/6	or178199.d
Level 2	IC 460-88199/7	or178200.d
Level 3	IC 460-88199/8	or178201.d
Level 4	IC 460-88199/9	or178202.d
Level 5	IC 460-88199/10	or178203.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	11985	52665	88854	134450	203538	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	17397	87489	147496	218061	330048	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	9843	60984	105827	160273	249023	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	34909	180088	313349	473495	733417	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	13671	70019	120214	179131	276417	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	8046	49492	88535	137801	215907	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	20621	87115	146533	209569	339331	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	14149	72216	123806	187627	286143	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	22188	103010	186103	264554	407609	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	39398	181383	332490	475367	731238	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	35537	172412	319724	461820	718468	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	17478	80611	148161	209209	324778	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	18723	85783	158441	226796	555171	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	20234	107919	206253	302230	475078	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	10981	55593	111625	164118	260046	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	9017	55960	108155	159767	254406	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	79605	172700	306972	463326	586849	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178199.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 04-OCT-2011 09:50
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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		
2.382	2.380	0.002	11985 100.000	120 80.00- 120.00	100.00(M)	
2.712	2.710	0.002	17397 100.000	110 129.72- 194.59	145.16	
2.905	2.903	0.002	9843 100.000	92 97.88- 146.82	82.13	
3.168	3.168	0.000	34909 100.000	110 288.27- 432.40	291.27	
3.313	3.313	0.000	13671 100.000	110 108.64- 162.97	114.07	
3.375	3.375	0.000	8046 100.000	90 84.86- 127.29	67.13	
3.512	3.528	-0.016	20621 100.000	130 133.37- 200.06	172.06	
3.755	3.755	0.000	14149 100.000	110 112.47- 168.70	118.06	
Average of Peak Amounts =				109		
27 Aroclor-1260				CAS #: 11096-82-5		
5.180	5.178	0.002	22188 100.000	120 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)									
5.523	5.522	0.001	39398	100.000	120	143.52-	215.28	177.56	
5.868	5.868	0.000	35537	100.000	110	141.01-	211.52	160.16	
6.017	6.015	0.002	17478	100.000	120	63.74-	95.61	78.77	
6.347	6.347	0.000	18723	100.000	100	108.96-	163.44	84.38	
7.320	7.320	0.000	20234	100.000	100	93.24-	139.86	91.19	
7.483	7.485	-0.002	10981	100.000	100	51.04-	76.56	49.49	
8.702	8.702	0.000	9017	100.000	87	49.93-	74.90	40.64	
Average of Peak Amounts =					106				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.453	9.453	0.000	79605	25.0000	25	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178199.d

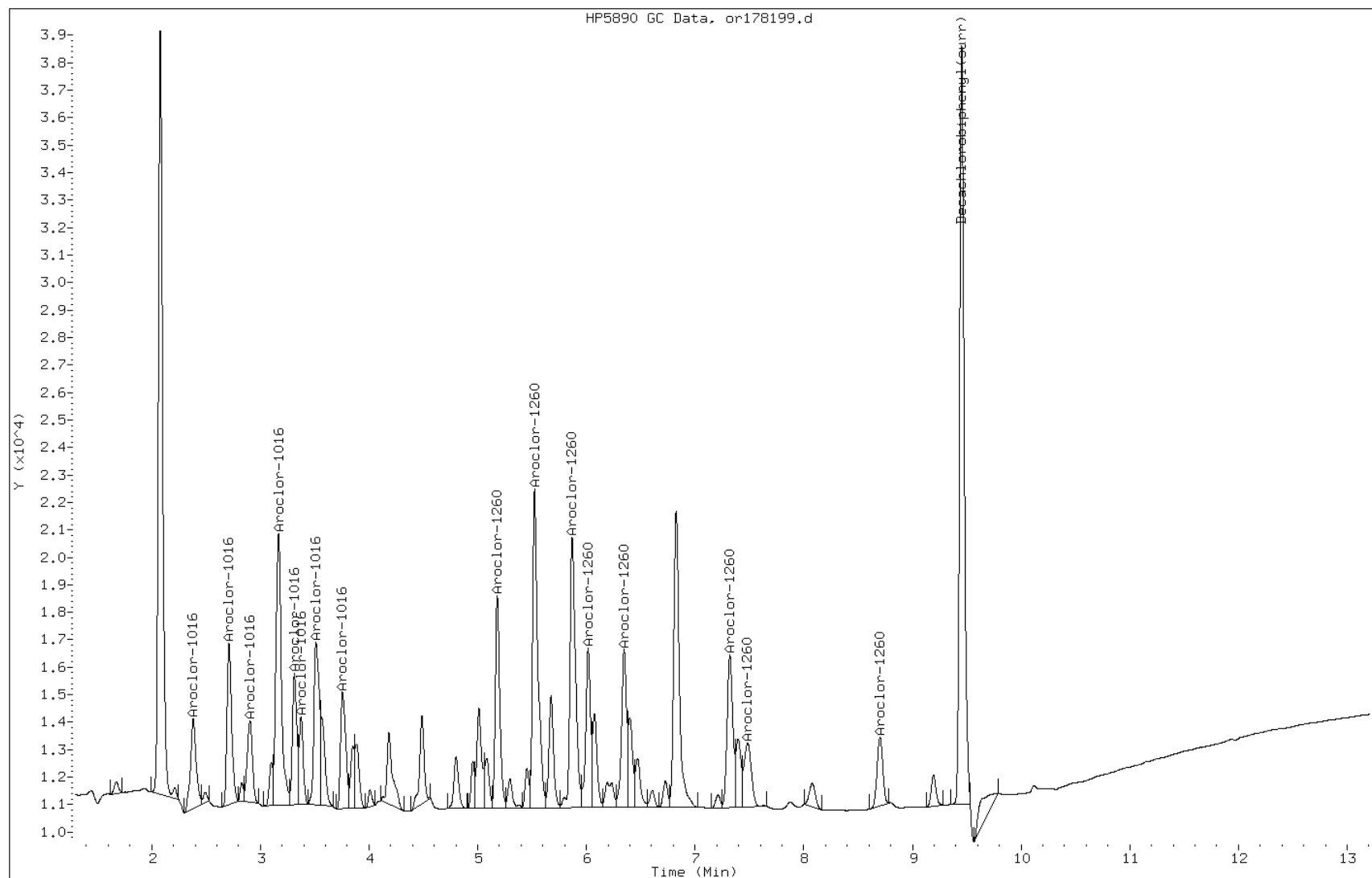
Date: 04-OCT-2011 09:50

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Manual Integration Report

Data File: or178199.d
Inj. Date and Time: 04-OCT-2011 09:50
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/04/2011

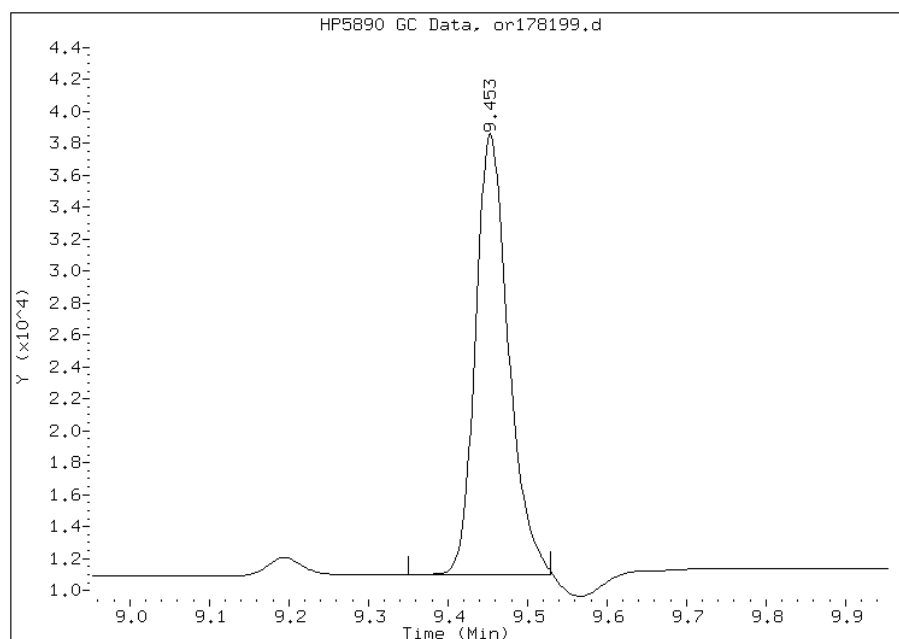
Processing Integration Results

Not Detected

Expected RT: 9.45

Manual Integration Results

RT: 9.45
Response: 79605
Amount: 25.30
Conc: 25.30



Manually Integrated By: shanthi
Manual Integration Reason:

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178200.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 04-OCT-2011 10:06
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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		
2.380	2.380	0.000	52665 500.000	540 80.00- 120.00	100.00(M)	
2.710	2.710	0.000	87489 500.000	560 129.72- 194.59	166.12	
2.905	2.903	0.002	60984 500.000	570 97.88- 146.82	115.80	
3.168	3.168	0.000	180088 500.000	550 288.27- 432.40	341.95	
3.313	3.313	0.000	70019 500.000	560 108.64- 162.97	132.95	
3.375	3.375	0.000	49492 500.000	550 84.86- 127.29	93.98	
3.527	3.528	-0.001	87115 500.000	540 133.37- 200.06	165.41	
3.755	3.755	0.000	72216 500.000	560 112.47- 168.70	137.12	
Average of Peak Amounts =				556		
27 Aroclor-1260				CAS #: 11096-82-5		
5.178	5.178	0.000	103010 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)									
5.522	5.522	0.000	181383	500.000	530	143.52-	215.28	176.08	
5.868	5.868	0.000	172412	500.000	530	141.01-	211.52	167.37	
6.015	6.015	0.000	80611	500.000	530	63.74-	95.61	78.26	
6.347	6.347	0.000	85783	500.000	480	108.96-	163.44	83.28	
7.320	7.320	0.000	107919	500.000	530	93.24-	139.86	104.77	
7.483	7.485	-0.002	55593	500.000	510	51.04-	76.56	53.97	
8.702	8.702	0.000	55960	500.000	540	49.93-	74.90	54.32	
Average of Peak Amounts =					526				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.453	9.453	0.000	172700	50.0000	55	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178200.d

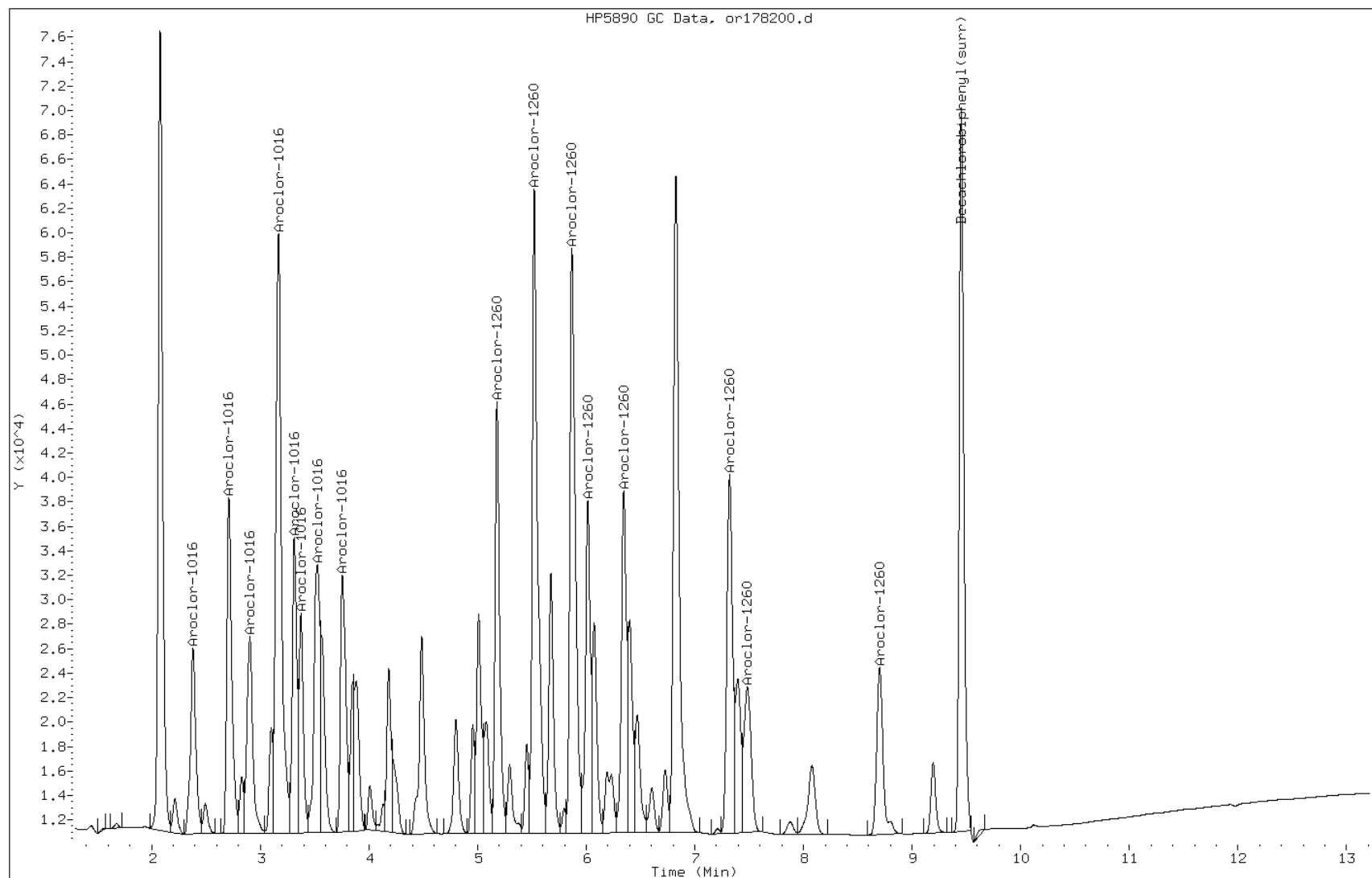
Date: 04-OCT-2011 10:06

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Manual Integration Report

Data File: or178200.d
Inj. Date and Time: 04-OCT-2011 10:06
Instrument ID: PESTGC7.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 10/04/2011

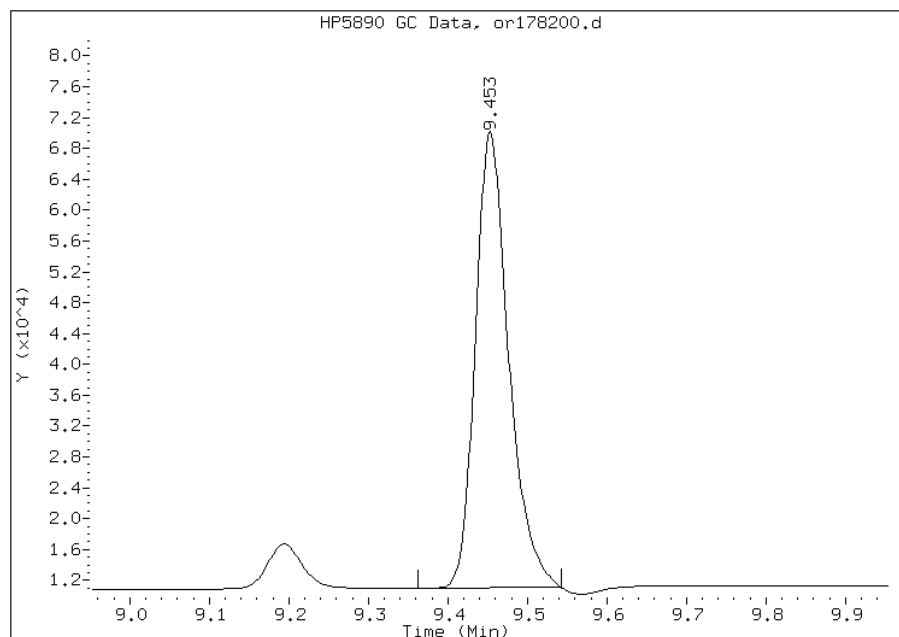
Processing Integration Results

Not Detected

Expected RT: 9.45

Manual Integration Results

RT: 9.45
Response: 172700
Amount: 54.89
Conc: 54.89



Manually Integrated By: shanthi
Manual Integration Reason:

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178201.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 04-OCT-2011 10:23
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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			
2.380	2.380	0.000	88854 1000.00	920 80.00-	120.00	100.00(M)
2.710	2.710	0.000	147496 1000.00	950 129.72-	194.59	166.00
2.903	2.903	0.000	105827 1000.00	990 97.88-	146.82	119.10
3.168	3.168	0.000	313349 1000.00	960 288.27-	432.40	352.66
3.313	3.313	0.000	120214 1000.00	960 108.64-	162.97	135.29
3.375	3.375	0.000	88535 1000.00	990 84.86-	127.29	99.64
3.528	3.528	0.000	146533 1000.00	910 133.37-	200.06	164.91
3.755	3.755	0.000	123806 1000.00	950 112.47-	168.70	139.34
Average of Peak Amounts =			955			
27 Aroclor-1260			CAS #: 11096-82-5			
5.178	5.178	0.000	186103 1000.00	980 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)									
5.522	5.522	0.000	332490	1000.00	980	143.52-	215.28	178.66	
5.868	5.868	0.000	319724	1000.00	990	141.01-	211.52	171.80	
6.015	6.015	0.000	148161	1000.00	980	63.74-	95.61	79.61	
6.347	6.347	0.000	158441	1000.00	890	108.96-	163.44	85.14	
7.320	7.320	0.000	206253	1000.00	1000	93.24-	139.86	110.83	
7.485	7.485	0.000	111625	1000.00	1000	51.04-	76.56	59.98	
8.702	8.702	0.000	108155	1000.00	1000	49.93-	74.90	58.12	
Average of Peak Amounts =					987				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.453	9.453	0.000	306972	100.000	98	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178201.d

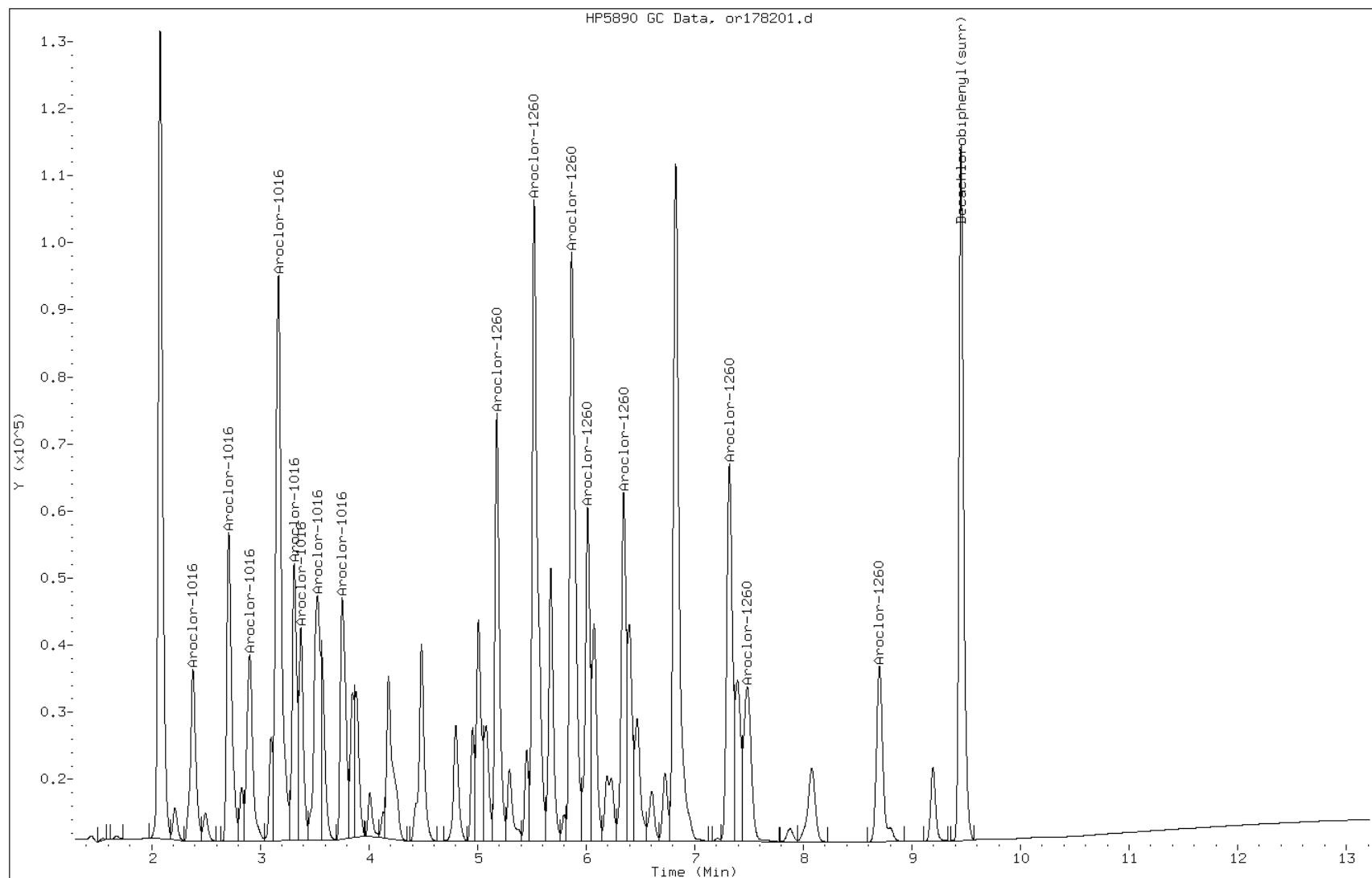
Date: 04-OCT-2011 10:23

Client ID:

Instrument: PESTGC7.i

Sample Info: IC-SG1660L3_00013

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178202.d
Lab Smp Id: ICSG1660L4_00010
Inj Date : 04-OCT-2011 10:39
Operator : 615
Smp Info : ICSG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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			
2.380	2.380	0.000	134450	1500.00	1400	80.00-	120.00	100.00(M)
2.710	2.710	0.000	218061	1500.00	1400	129.72-	194.59	162.19
2.903	2.903	0.000	160273	1500.00	1500	97.88-	146.82	119.21
3.168	3.168	0.000	473495	1500.00	1400	288.27-	432.40	352.17
3.312	3.313	-0.001	179131	1500.00	1400	108.64-	162.97	133.23
3.373	3.375	-0.002	137801	1500.00	1500	84.86-	127.29	102.49
3.525	3.528	-0.003	209569	1500.00	1300	133.37-	200.06	155.87
3.753	3.755	-0.002	187627	1500.00	1400	112.47-	168.70	139.55
Average of Peak Amounts =					1.43e+03			

27 Aroclor-1260					CAS #: 11096-82-5			
5.177	5.178	-0.001	264554	1500.00	1400	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)									
5.522	5.522	0.000	475367	1500.00	1400	143.52-	215.28	179.69	
5.867	5.868	-0.001	461820	1500.00	1400	141.01-	211.52	174.57	
6.015	6.015	0.000	209209	1500.00	1400	63.74-	95.61	79.08	
6.345	6.347	-0.002	226796	1500.00	1300	108.96-	163.44	85.73	
7.318	7.320	-0.002	302230	1500.00	1500	93.24-	139.86	114.24	
7.483	7.485	-0.002	164118	1500.00	1500	51.04-	76.56	62.04	
8.702	8.702	0.000	159767	1500.00	1500	49.93-	74.90	60.39	
Average of Peak Amounts =					1.43e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.452	9.453	-0.001	463326	150.000	150	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178202.d

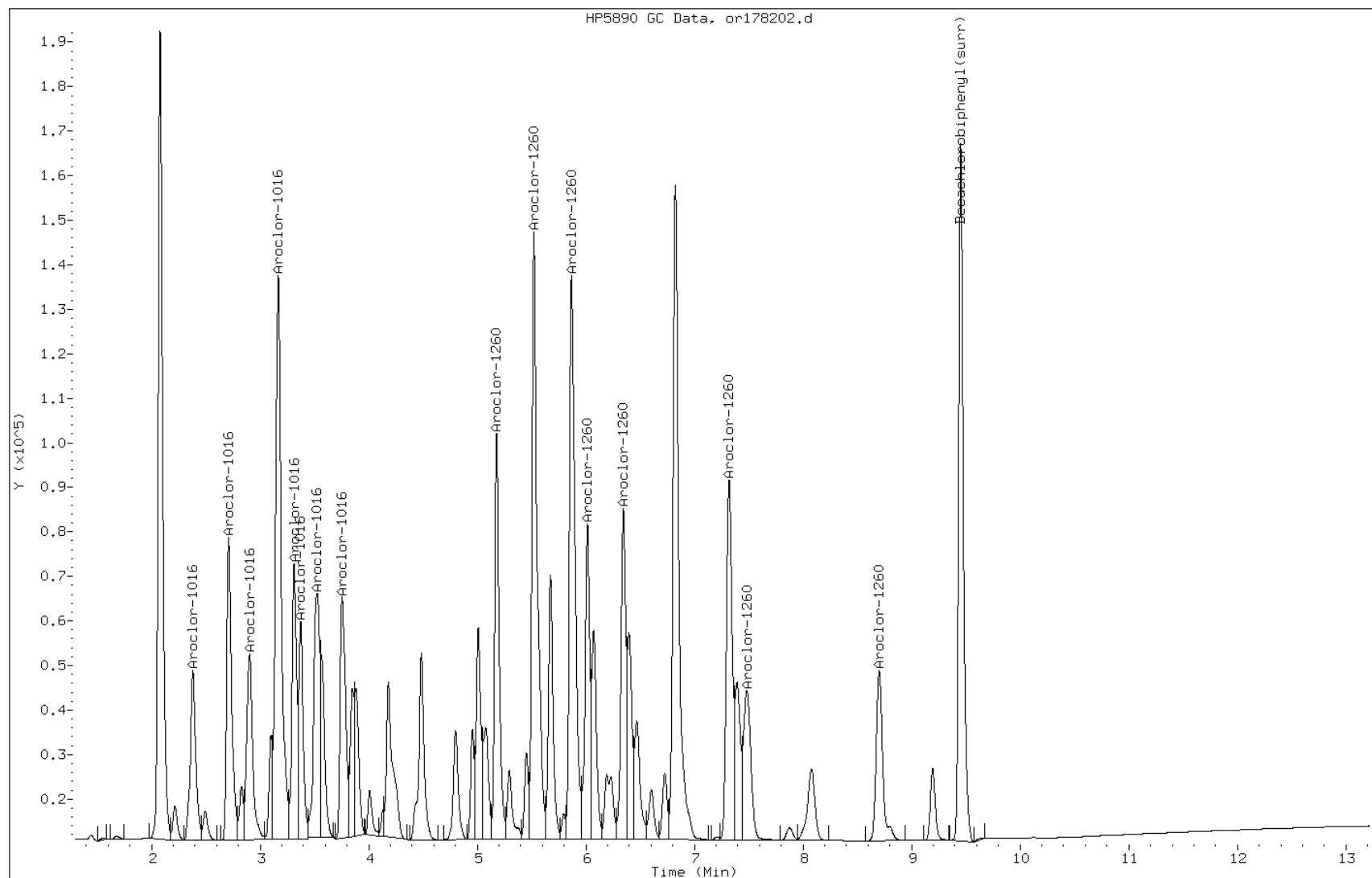
Date: 04-OCT-2011 10:39

Client ID:

Instrument: PESTGC7.i

Sample Info: ICSG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178203.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 04-OCT-2011 10:56
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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			
2.380	2.380	0.000	203538	2500.00	2100	80.00-	120.00	100.00(M)
2.710	2.710	0.000	330048	2500.00	2100	129.72-	194.59	162.16
2.903	2.903	0.000	249023	2500.00	2300	97.88-	146.82	122.35
3.167	3.168	-0.001	733417	2500.00	2200	288.27-	432.40	360.33
3.312	3.313	-0.001	276417	2500.00	2200	108.64-	162.97	135.81
3.373	3.375	-0.002	215907	2500.00	2400	84.86-	127.29	106.08
3.522	3.528	-0.006	339331	2500.00	2100	133.37-	200.06	166.72
3.753	3.755	-0.002	286143	2500.00	2200	112.47-	168.70	140.58
Average of Peak Amounts =					2.22e+03			

27 Aroclor-1260					CAS #: 11096-82-5			
5.178	5.178	0.000	407609	2500.00	2100	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)									
5.520	5.522	-0.002	731238	2500.00	2200	143.52-	215.28	179.40	
5.867	5.868	-0.001	718468	2500.00	2200	141.01-	211.52	176.26	
6.013	6.015	-0.002	324778	2500.00	2200	63.74-	95.61	79.68	
6.345	6.347	-0.002	555171	2500.00	3100	108.96-	163.44	136.20	
7.318	7.320	-0.002	475078	2500.00	2300	93.24-	139.86	116.55	
7.483	7.485	-0.002	260046	2500.00	2400	51.04-	76.56	63.80	
8.700	8.702	-0.002	254406	2500.00	2400	49.93-	74.90	62.41	
Average of Peak Amounts =					2.37e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.452	9.453	-0.001	586849	200.000	190	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or178203.d

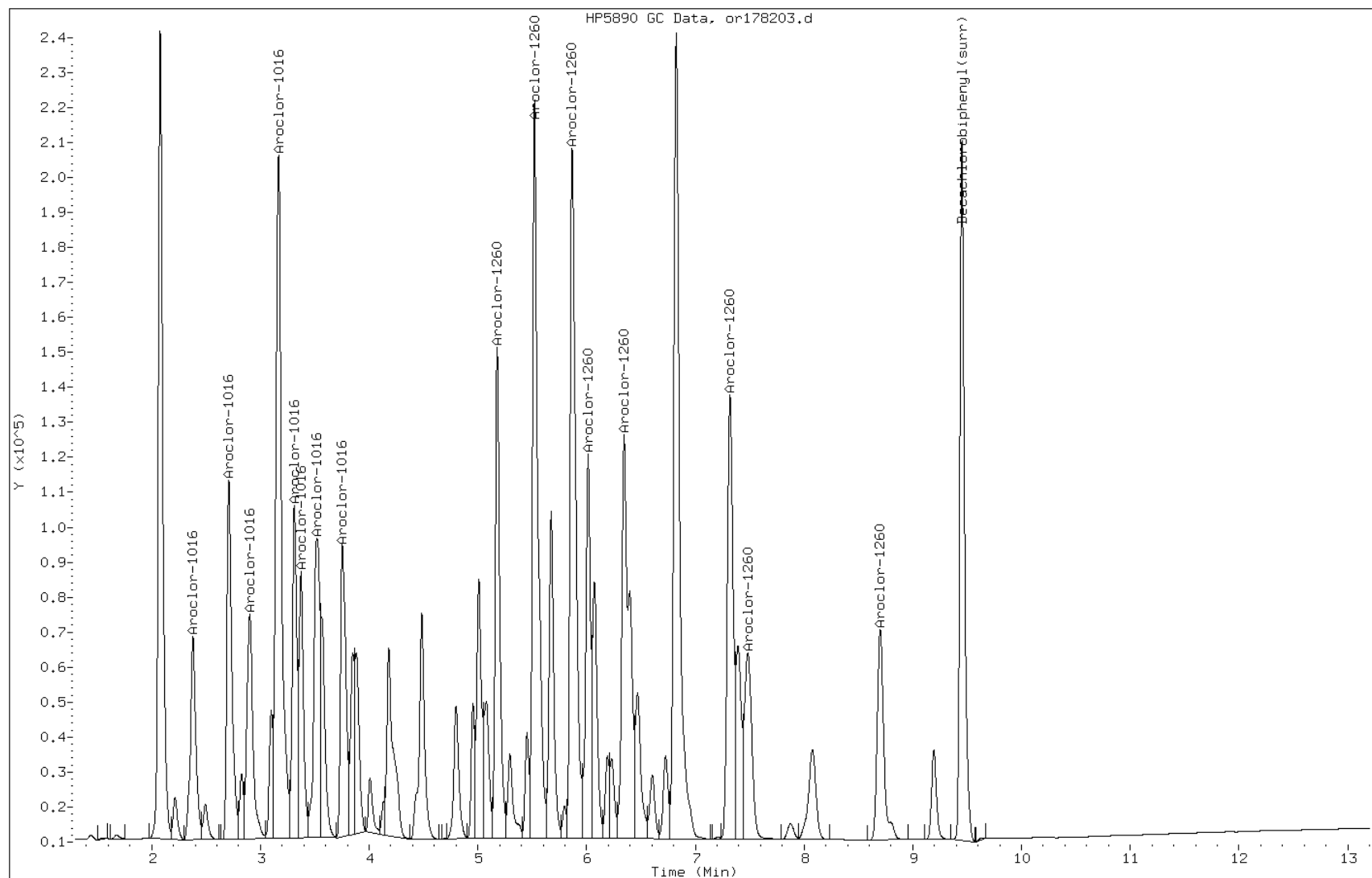
Date: 04-OCT-2011 10:56

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	of178204.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	2.035										1.965 - 2.105	2.035
PCB-1221 Peak 2	2.380										2.310 - 2.450	2.380
PCB-1221 Peak 3	2.777										2.707 - 2.847	2.777
PCB-1221 Peak 4	2.928										2.858 - 2.998	2.928
PCB-1221 Peak 5	2.997										2.927 - 3.067	2.997
PCB-1221 Peak 6	3.452										3.382 - 3.522	3.452
PCB-1221 Peak 7	3.523										3.453 - 3.593	3.523
PCB-1221 Peak 8	3.998										3.928 - 4.068	3.998

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	of178204.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	59.475				Ave		59.4750000						20.0			
PCB-1221 Peak 2	21.527				Ave		21.5270000						20.0			
PCB-1221 Peak 3	77.100				Ave		77.1000000						20.0			
PCB-1221 Peak 4	49.411				Ave		49.4110000						20.0			
PCB-1221 Peak 5	183.66				Ave		183.659000						20.0			
PCB-1221 Peak 6	35.888				Ave		35.8880000						20.0			
PCB-1221 Peak 7	39.972				Ave		39.9720000						20.0			
PCB-1221 Peak 8	35.481				Ave		35.4810000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12565

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	of178204.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	59475					1000				
PCB-1221 Peak 2	Ave	21527					1000				
PCB-1221 Peak 3	Ave	77100					1000				
PCB-1221 Peak 4	Ave	49411					1000				
PCB-1221 Peak 5	Ave	183659					1000				
PCB-1221 Peak 6	Ave	35888					1000				
PCB-1221 Peak 7	Ave	39972					1000				
PCB-1221 Peak 8	Ave	35481					1000				

Curve Type Legend:

Ave = Average

Data File: of178204.d
 Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178204.d
 Lab Smp Id: IC-SG1221L3_00012
 Inj Date : 04-OCT-2011 11:13
 Operator : 615
 Smp Info : IC-SG1221L3_00012
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
 Meth Date : 04-Oct-2011 13:41 shanthi
 Cal Date : 04-OCT-2011 12:52
 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: of178210.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				
2.035	2.035	0.000	59475	1000.00	1000	80.00-	120.00	100.00(M)
2.380	2.380	0.000	21527	1000.00	1000	28.96-	43.43	36.20
2.777	2.777	0.000	77100	1000.00	1000	103.71-	155.56	129.63
2.928	2.928	0.000	49411	1000.00	1000	66.46-	99.69	83.08
2.997	2.997	0.000	183659	1000.00	1000	247.04-	370.56	308.80
3.452	3.452	0.000	35888	1000.00	1000	48.27-	72.41	60.34
3.523	3.523	0.000	39972	1000.00	1000	53.77-	80.65	67.21
3.998	3.998	0.000	35481	1000.00	1000	47.73-	71.59	59.66
Average of Peak Amounts =				1e+03				

Data File: of178204.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

Data File: of178204.d

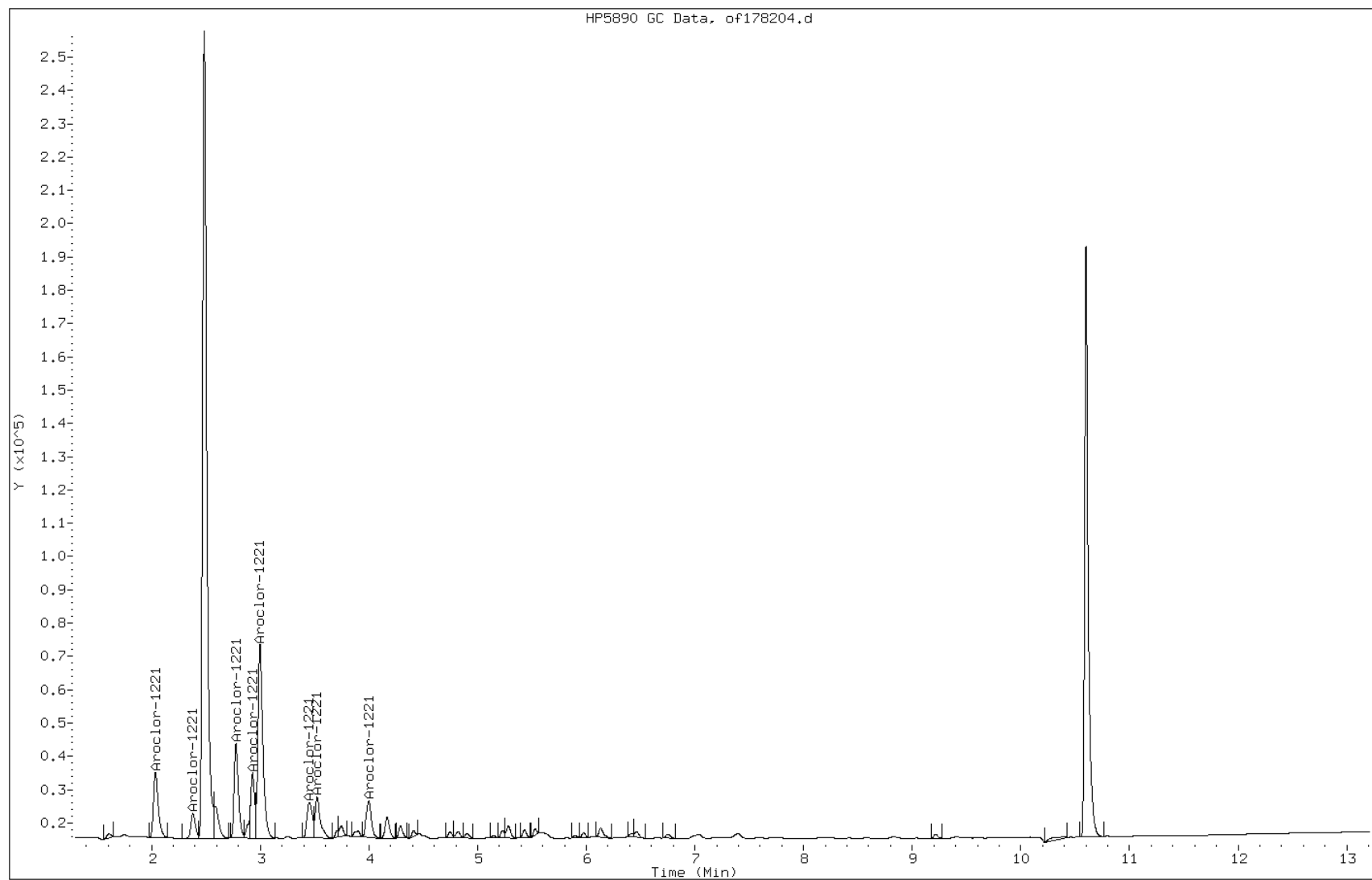
Date: 04-OCT-2011 11:13

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12561

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	or178204.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.680										1.610 - 1.750	1.680
PCB-1221 Peak 2	1.965										1.895 - 2.035	1.965
PCB-1221 Peak 3	2.215										2.145 - 2.285	2.215
PCB-1221 Peak 4	2.378										2.308 - 2.448	2.378
PCB-1221 Peak 5	2.713										2.643 - 2.783	2.713
PCB-1221 Peak 6	2.832										2.762 - 2.902	2.832
PCB-1221 Peak 7	3.168										3.098 - 3.238	3.168
PCB-1221 Peak 8	3.312										3.242 - 3.382	3.312

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12561

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	or178204.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	41.543				Ave		41.5430000						20.0			
PCB-1221 Peak 2	14.007				Ave		14.0070000						20.0			
PCB-1221 Peak 3	46.657				Ave		46.6570000						20.0			
PCB-1221 Peak 4	142.12				Ave		142.115000						20.0			
PCB-1221 Peak 5	12.380				Ave		12.3800000						20.0			
PCB-1221 Peak 6	25.059				Ave		25.0590000						20.0			
PCB-1221 Peak 7	23.215				Ave		23.2150000						20.0			
PCB-1221 Peak 8	9.6650				Ave		9.66500000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:13 Calibration End Date: 10/04/2011 11:13 Calibration ID: 12561

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/11	or178204.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	41543					1000				
PCB-1221 Peak 2	Ave	14007					1000				
PCB-1221 Peak 3	Ave	46657					1000				
PCB-1221 Peak 4	Ave	142115					1000				
PCB-1221 Peak 5	Ave	12380					1000				
PCB-1221 Peak 6	Ave	25059					1000				
PCB-1221 Peak 7	Ave	23215					1000				
PCB-1221 Peak 8	Ave	9665					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178204.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 04-OCT-2011 11:13
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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		
1.680	1.680	0.000	41543	1000.00	1000	80.00-	120.00	100.00(M)
1.965	1.965	0.000	14007	1000.00	1000	26.97-	40.46	33.72
2.215	2.215	0.000	46657	1000.00	1000	89.85-	134.77	112.31
2.378	2.378	0.000	142115	1000.00	1000	273.67-	410.51	342.09
2.713	2.713	0.000	12380	1000.00	1000	23.84-	35.76	29.80
2.832	2.832	0.000	25059	1000.00	1000	48.26-	72.38	60.32
3.168	3.168	0.000	23215	1000.00	1000	44.71-	67.06	55.88
3.312	3.312	0.000	9665	1000.00	1000	18.61-	27.92	23.27
Average of Peak Amounts =					1e+03			

Data File: or178204.d
Report Date: 04-Oct-2011 13:41

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or178204.d

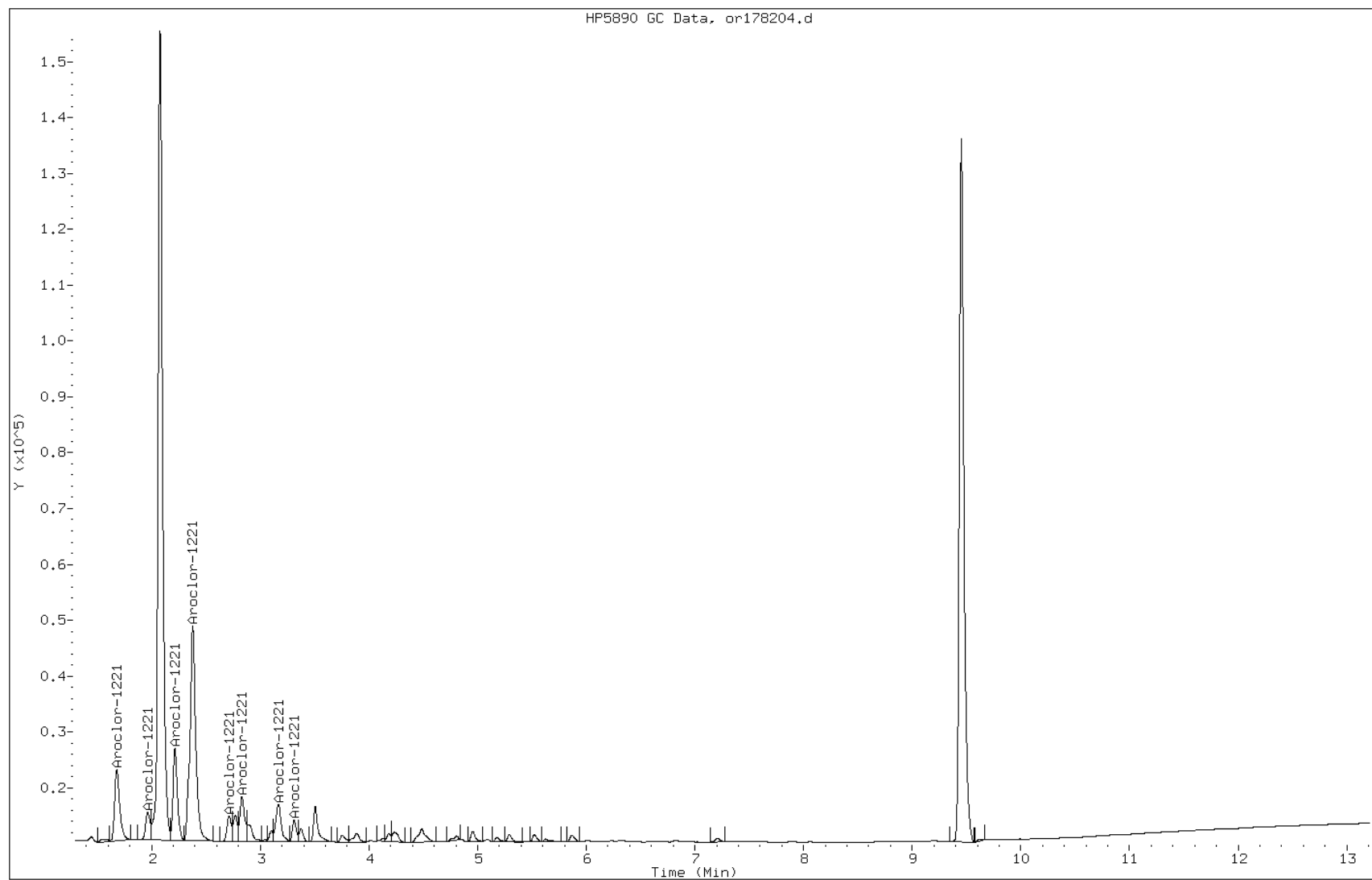
Date: 04-OCT-2011 11:13

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	of178205.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.997										2.927 - 3.067	2.997
PCB-1232 Peak 2	3.460										3.390 - 3.530	3.460
PCB-1232 Peak 3	3.743										3.673 - 3.813	3.743
PCB-1232 Peak 4	4.165										4.095 - 4.235	4.165
PCB-1232 Peak 5	4.292										4.222 - 4.362	4.292
PCB-1232 Peak 6	4.465										4.395 - 4.535	4.465
PCB-1232 Peak 7	4.747										4.677 - 4.817	4.747
PCB-1232 Peak 8	4.903										4.833 - 4.973	4.903

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	of178205.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	127.65				Ave		127.649000						20.0			
PCB-1232 Peak 2	144.53				Ave		144.534000						20.0			
PCB-1232 Peak 3	58.689				Ave		58.6890000						20.0			
PCB-1232 Peak 4	100.05				Ave		100.051000						20.0			
PCB-1232 Peak 5	75.663				Ave		75.6630000						20.0			
PCB-1232 Peak 6	65.896				Ave		65.8960000						20.0			
PCB-1232 Peak 7	78.162				Ave		78.1620000						20.0			
PCB-1232 Peak 8	82.445				Ave		82.4450000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12566

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	of178205.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	127649					1000				
PCB-1232 Peak 2	Ave	144534					1000				
PCB-1232 Peak 3	Ave	58689					1000				
PCB-1232 Peak 4	Ave	100051					1000				
PCB-1232 Peak 5	Ave	75663					1000				
PCB-1232 Peak 6	Ave	65896					1000				
PCB-1232 Peak 7	Ave	78162					1000				
PCB-1232 Peak 8	Ave	82445					1000				

Curve Type Legend:

Ave = Average

Data File: of178205.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178205.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 04-OCT-2011 11:29
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
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: of178210.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					
			CAL - AMT	ON - COL				
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====		
23 Aroclor-1232				CAS #: 11141-16-5				
2.997	2.997	0.000	127649	1000.00	1000	80.00- 120.00	100.00(M)	
3.460	3.460	0.000	144534	1000.00	1000	90.58- 135.87	113.23	
3.743	3.743	0.000	58689	1000.00	1000	36.78- 55.17	45.98	
4.165	4.165	0.000	100051	1000.00	1000	62.70- 94.06	78.38	
4.292	4.292	0.000	75663	1000.00	1000	47.42- 71.13	59.27	
4.465	4.465	0.000	65896	1000.00	1000	41.30- 61.95	51.62	
4.747	4.747	0.000	78162	1000.00	1000	48.99- 73.48	61.23	
4.903	4.903	0.000	82445	1000.00	1000	51.67- 77.50	64.59	
Average of Peak Amounts =				1e+03				

Data File: of178205.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

Data File: of178205.d

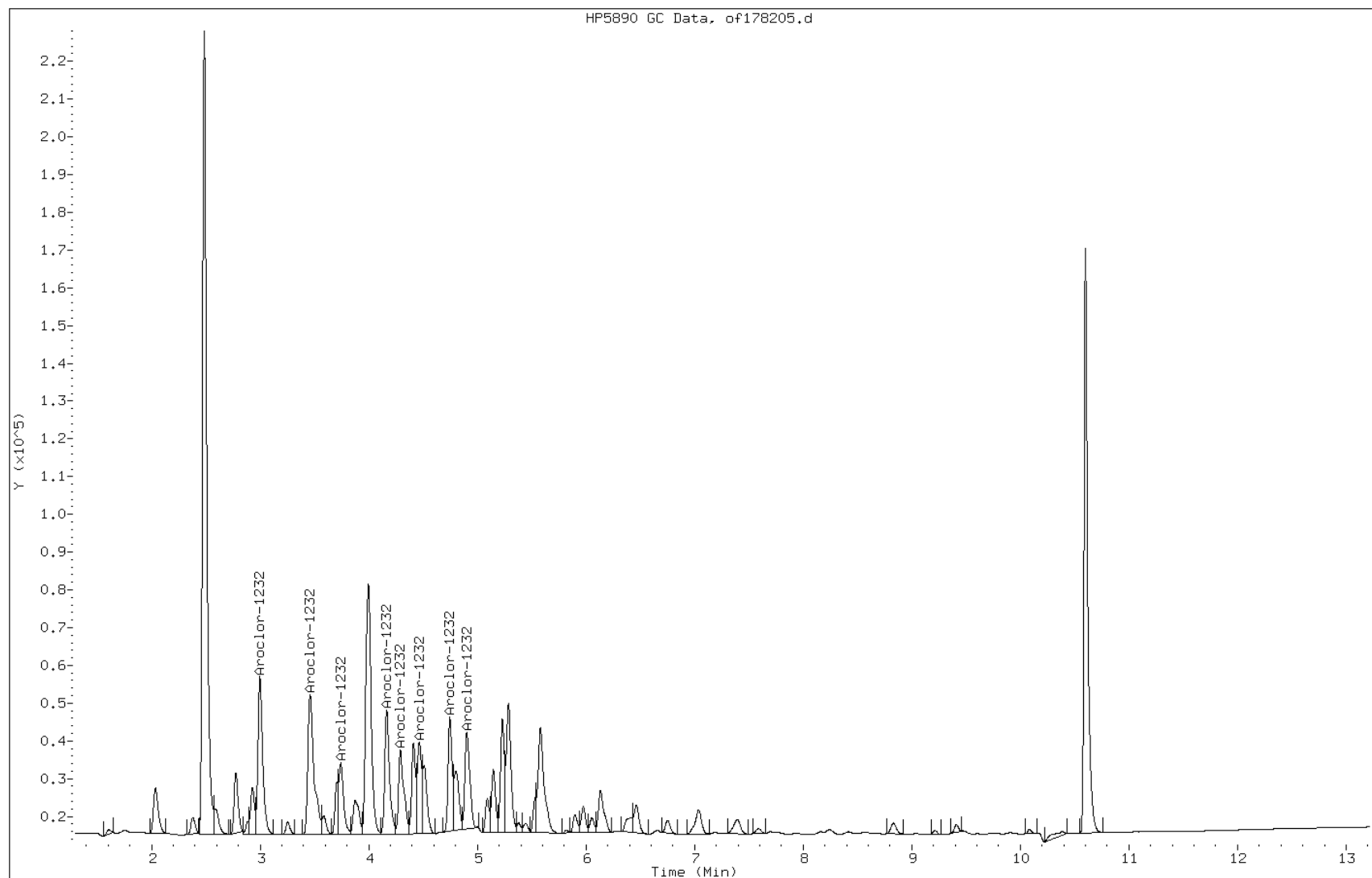
Date: 04-OCT-2011 11:29

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12562

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	or178205.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.380										2.310 - 2.450	2.380
PCB-1232 Peak 2	2.710										2.640 - 2.780	2.710
PCB-1232 Peak 3	2.903										2.833 - 2.973	2.903
PCB-1232 Peak 4	3.167										3.097 - 3.237	3.167
PCB-1232 Peak 5	3.312										3.242 - 3.382	3.312
PCB-1232 Peak 6	3.375										3.305 - 3.445	3.375
PCB-1232 Peak 7	3.753										3.683 - 3.823	3.753
PCB-1232 Peak 8	4.130										4.060 - 4.200	4.130

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12562

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	or178205.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	97.662				Ave		97.6620000						20.0			
PCB-1232 Peak 2	76.921				Ave		76.9210000						20.0			
PCB-1232 Peak 3	51.610				Ave		51.6100000						20.0			
PCB-1232 Peak 4	149.77				Ave		149.765000						20.0			
PCB-1232 Peak 5	57.421				Ave		57.4210000						20.0			
PCB-1232 Peak 6	41.187				Ave		41.1870000						20.0			
PCB-1232 Peak 7	67.008				Ave		67.0080000						20.0			
PCB-1232 Peak 8	29.340				Ave		29.3400000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:29 Calibration End Date: 10/04/2011 11:29 Calibration ID: 12562

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/12	or178205.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	97662					1000				
PCB-1232 Peak 2	Ave	76921					1000				
PCB-1232 Peak 3	Ave	51610					1000				
PCB-1232 Peak 4	Ave	149765					1000				
PCB-1232 Peak 5	Ave	57421					1000				
PCB-1232 Peak 6	Ave	41187					1000				
PCB-1232 Peak 7	Ave	67008					1000				
PCB-1232 Peak 8	Ave	29340					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178205.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 04-OCT-2011 11:29
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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							
		CAL-AMT	ON-COL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
23 Aroclor-1232				CAS #: 11141-16-5					
2.380	2.380	0.000	97662	1000.00	1000	80.00-	120.00	100.00	
2.710	2.710	0.000	76921	1000.00	1000	63.01-	94.51	78.76	
2.903	2.903	0.000	51610	1000.00	1000	42.28-	63.41	52.85	
3.167	3.167	0.000	149765	1000.00	1000	122.68-	184.02	153.35	
3.312	3.312	0.000	57421	1000.00	1000	47.04-	70.55	58.80	
3.375	3.375	0.000	41187	1000.00	1000	33.74-	50.61	42.17	
3.753	3.753	0.000	67008	1000.00	1000	54.89-	82.33	68.61	
4.130	4.130	0.000	29340	1000.00	1000	24.03-	36.05	30.04	
Average of Peak Amounts =				1e+03					

Data File: or178205.d

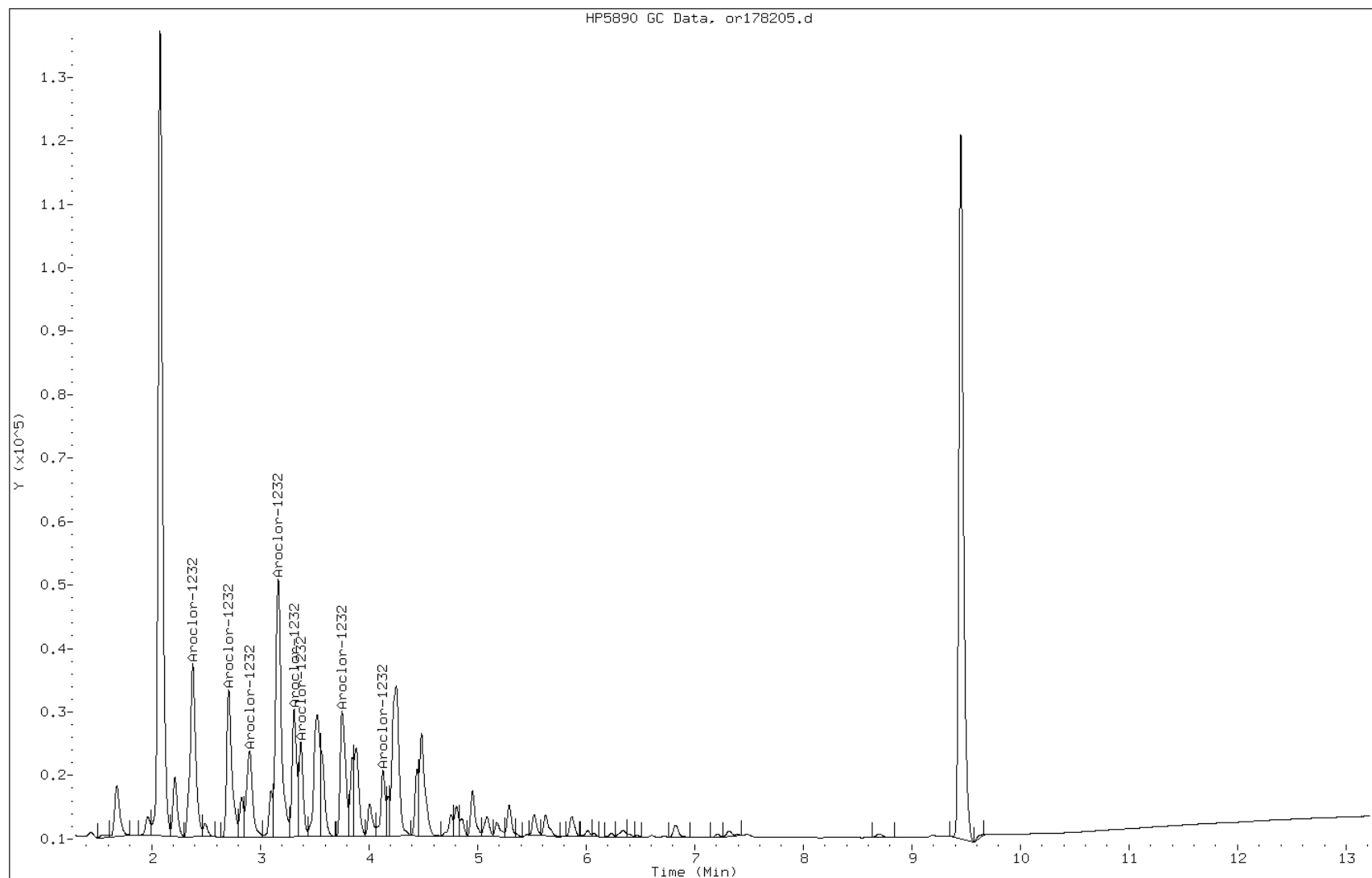
Date: 04-OCT-2011 11:29

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	of178206.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.995										2.925 - 3.065	2.995
PCB-1242 Peak 2	3.460										3.390 - 3.530	3.460
PCB-1242 Peak 3	3.742										3.672 - 3.812	3.742
PCB-1242 Peak 4	3.997										3.927 - 4.067	3.997
PCB-1242 Peak 5	4.163										4.093 - 4.233	4.163
PCB-1242 Peak 6	4.463										4.393 - 4.533	4.463
PCB-1242 Peak 7	4.902										4.832 - 4.972	4.902
PCB-1242 Peak 8	5.287										5.217 - 5.357	5.287

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	of178206.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	115.08				Ave		115.077000						20.0			
PCB-1242 Peak 2	232.18				Ave		232.178000						20.0			
PCB-1242 Peak 3	106.92				Ave		106.923000						20.0			
PCB-1242 Peak 4	425.68				Ave		425.679000						20.0			
PCB-1242 Peak 5	184.02				Ave		184.020000						20.0			
PCB-1242 Peak 6	116.23				Ave		116.233000						20.0			
PCB-1242 Peak 7	150.01				Ave		150.007000						20.0			
PCB-1242 Peak 8	180.95				Ave		180.950000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12567

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	of178206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	115077					1000				
PCB-1242 Peak 2	Ave	232178					1000				
PCB-1242 Peak 3	Ave	106923					1000				
PCB-1242 Peak 4	Ave	425679					1000				
PCB-1242 Peak 5	Ave	184020					1000				
PCB-1242 Peak 6	Ave	116233					1000				
PCB-1242 Peak 7	Ave	150007					1000				
PCB-1242 Peak 8	Ave	180950					1000				

Curve Type Legend:

Ave = Average

Data File: of178206.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178206.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 04-OCT-2011 11:46
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
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: of178210.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				
2.995	2.995	0.000	115077	1000.00	1000	80.00-	120.00	100.00(M)	
3.460	3.460	0.000	232178	1000.00	1000	161.41-	242.11	201.76	
3.742	3.742	0.000	106923	1000.00	1000	74.33-	111.50	92.91	
3.997	3.997	0.000	425679	1000.00	1000	295.93-	443.89	369.91	
4.163	4.163	0.000	184020	1000.00	1000	127.93-	191.89	159.91	
4.463	4.463	0.000	116233	1000.00	1000	80.80-	121.21	101.00	
4.902	4.902	0.000	150007	1000.00	1000	104.28-	156.42	130.35	
5.287	5.287	0.000	180950	1000.00	1000	125.79-	188.69	157.24	
Average of Peak Amounts =					1e+03				

Data File: of178206.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

Data File: of178206.d

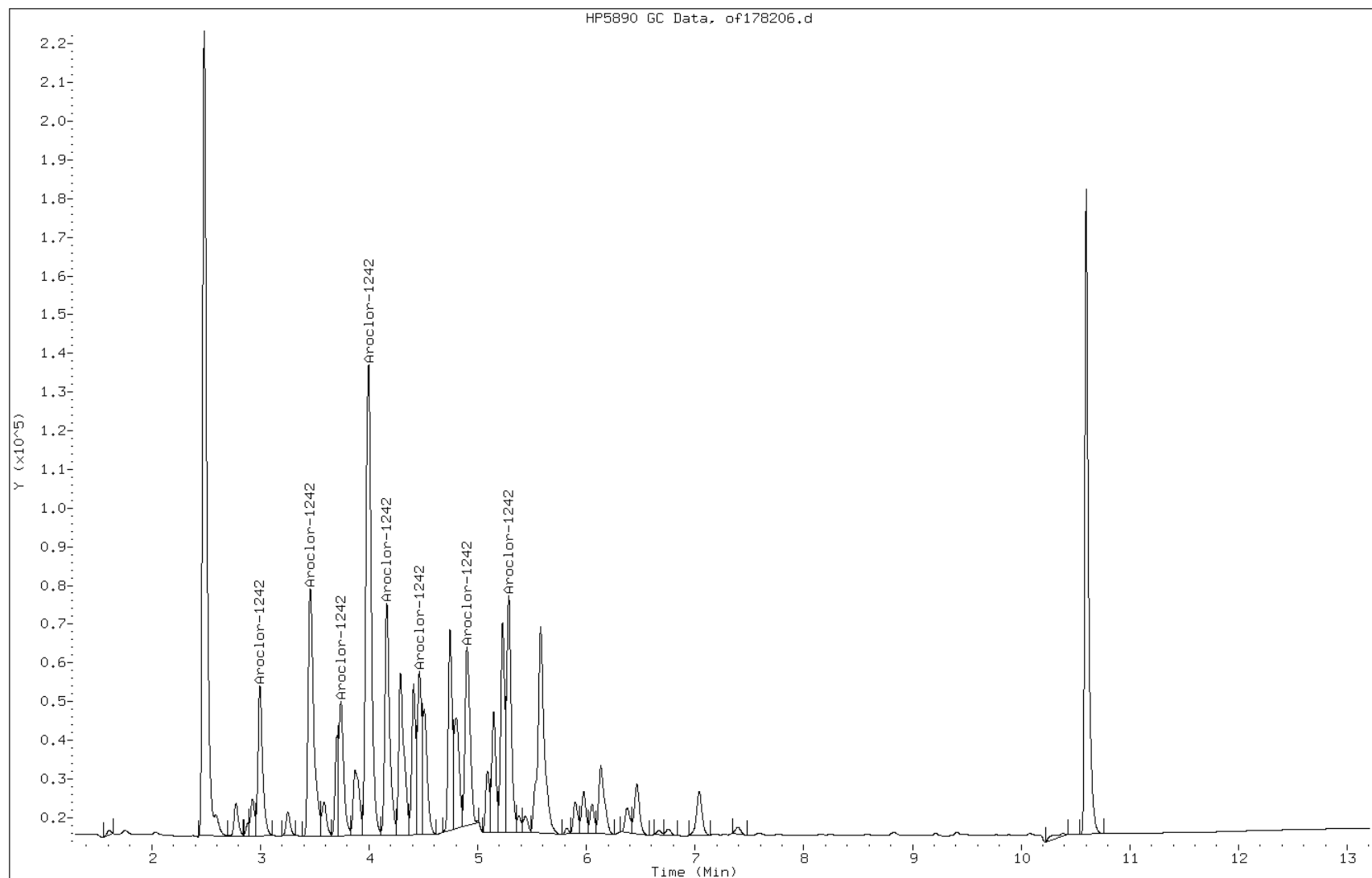
Date: 04-OCT-2011 11:46

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	or178206.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.380										2.310 - 2.450	2.380
PCB-1242 Peak 2	2.710										2.640 - 2.780	2.710
PCB-1242 Peak 3	2.903										2.833 - 2.973	2.903
PCB-1242 Peak 4	3.167										3.097 - 3.237	3.167
PCB-1242 Peak 5	3.312										3.242 - 3.382	3.312
PCB-1242 Peak 6	3.527										3.457 - 3.597	3.527
PCB-1242 Peak 7	3.753										3.683 - 3.823	3.753
PCB-1242 Peak 8	4.487										4.417 - 4.557	4.487

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	or178206.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	86.433				Ave		86.4330000						20.0			
PCB-1242 Peak 2	130.67				Ave		130.668000						20.0			
PCB-1242 Peak 3	94.591				Ave		94.5910000						20.0			
PCB-1242 Peak 4	278.54				Ave		278.536000						20.0			
PCB-1242 Peak 5	105.99				Ave		105.990000						20.0			
PCB-1242 Peak 6	128.37				Ave		128.369000						20.0			
PCB-1242 Peak 7	116.24				Ave		116.242000						20.0			
PCB-1242 Peak 8	97.019				Ave		97.0190000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 11:46 Calibration End Date: 10/04/2011 11:46 Calibration ID: 12563

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/13	or178206.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	86433					1000				
PCB-1242 Peak 2	Ave	130668					1000				
PCB-1242 Peak 3	Ave	94591					1000				
PCB-1242 Peak 4	Ave	278536					1000				
PCB-1242 Peak 5	Ave	105990					1000				
PCB-1242 Peak 6	Ave	128369					1000				
PCB-1242 Peak 7	Ave	116242					1000				
PCB-1242 Peak 8	Ave	97019					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178206.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 04-OCT-2011 11:46
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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			
2.380	2.380	0.000	86433 1000.00	1000 80.00-	120.00	100.00(M)
2.710	2.710	0.000	130668 1000.00	1000 120.94-	181.41	151.18
2.903	2.903	0.000	94591 1000.00	1000 87.55-	131.33	109.44
3.167	3.167	0.000	278536 1000.00	1000 257.81-	386.71	322.26
3.312	3.312	0.000	105990 1000.00	1000 98.10-	147.15	122.63
3.527	3.527	0.000	128369 1000.00	1000 118.81-	178.22	148.52
3.753	3.753	0.000	116242 1000.00	1000 107.59-	161.39	134.49
4.487	4.487	0.000	97019 1000.00	1000 89.80-	134.70	112.25
Average of Peak Amounts =			1e+03			

Data File: or178206.d
Report Date: 04-Oct-2011 13:41

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or178206.d

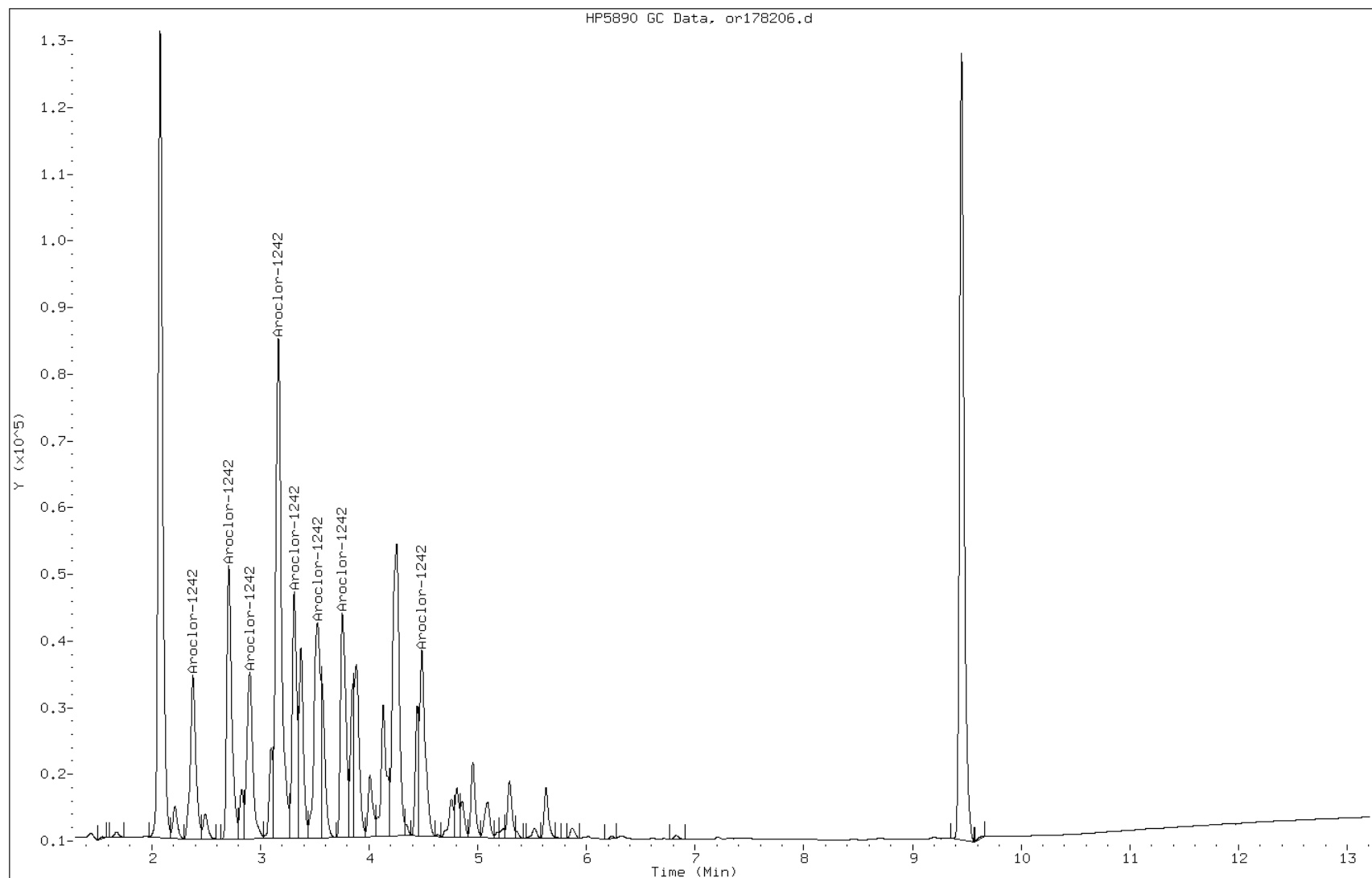
Date: 04-OCT-2011 11:46

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	of178207.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.457										3.387 - 3.527	3.457
PCB-1248 Peak 2	3.995										3.925 - 4.065	3.995
PCB-1248 Peak 3	4.162										4.092 - 4.232	4.162
PCB-1248 Peak 4	4.463										4.393 - 4.533	4.463
PCB-1248 Peak 5	4.745										4.675 - 4.815	4.745
PCB-1248 Peak 6	4.902										4.832 - 4.972	4.902
PCB-1248 Peak 7	5.147										5.077 - 5.217	5.147
PCB-1248 Peak 8	5.285										5.215 - 5.355	5.285

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	of178207.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	114.51				Ave		114.506000						20.0			
PCB-1248 Peak 2	275.02				Ave		275.022000						20.0			
PCB-1248 Peak 3	112.03				Ave		112.025000						20.0			
PCB-1248 Peak 4	169.21				Ave		169.209000						20.0			
PCB-1248 Peak 5	210.05				Ave		210.053000						20.0			
PCB-1248 Peak 6	252.57				Ave		252.567000						20.0			
PCB-1248 Peak 7	139.97				Ave		139.971000						20.0			
PCB-1248 Peak 8	310.68				Ave		310.684000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12568

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	of178207.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	114506					1000				
PCB-1248 Peak 2	Ave	275022					1000				
PCB-1248 Peak 3	Ave	112025					1000				
PCB-1248 Peak 4	Ave	169209					1000				
PCB-1248 Peak 5	Ave	210053					1000				
PCB-1248 Peak 6	Ave	252567					1000				
PCB-1248 Peak 7	Ave	139971					1000				
PCB-1248 Peak 8	Ave	310684					1000				

Curve Type Legend:

Ave = Average

Data File: of178207.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178207.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 04-OCT-2011 12:02
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
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: of178210.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				
			CAL - AMT	ON - COL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	
25 Aroclor-1248				CAS #: 12672-29-6			
3.457	3.457	0.000	114506	1000.00	1000 80.00- 120.00	100.00	
3.995	3.995	0.000	275022	1000.00	1000 192.15- 288.22	240.18	
4.162	4.162	0.000	112025	1000.00	1000 78.27- 117.40	97.83	
4.463	4.463	0.000	169209	1000.00	1000 118.22- 177.33	147.77	
4.745	4.745	0.000	210053	1000.00	1000 146.75- 220.13	183.44	
4.902	4.902	0.000	252567	1000.00	1000 176.46- 264.69	220.57	
5.147	5.147	0.000	139971	1000.00	1000 97.79- 146.69	122.24	
5.285	5.285	0.000	310684	1000.00	1000 217.06- 325.59	271.33	
Average of Peak Amounts =				1e+03			

Data File: of178207.d

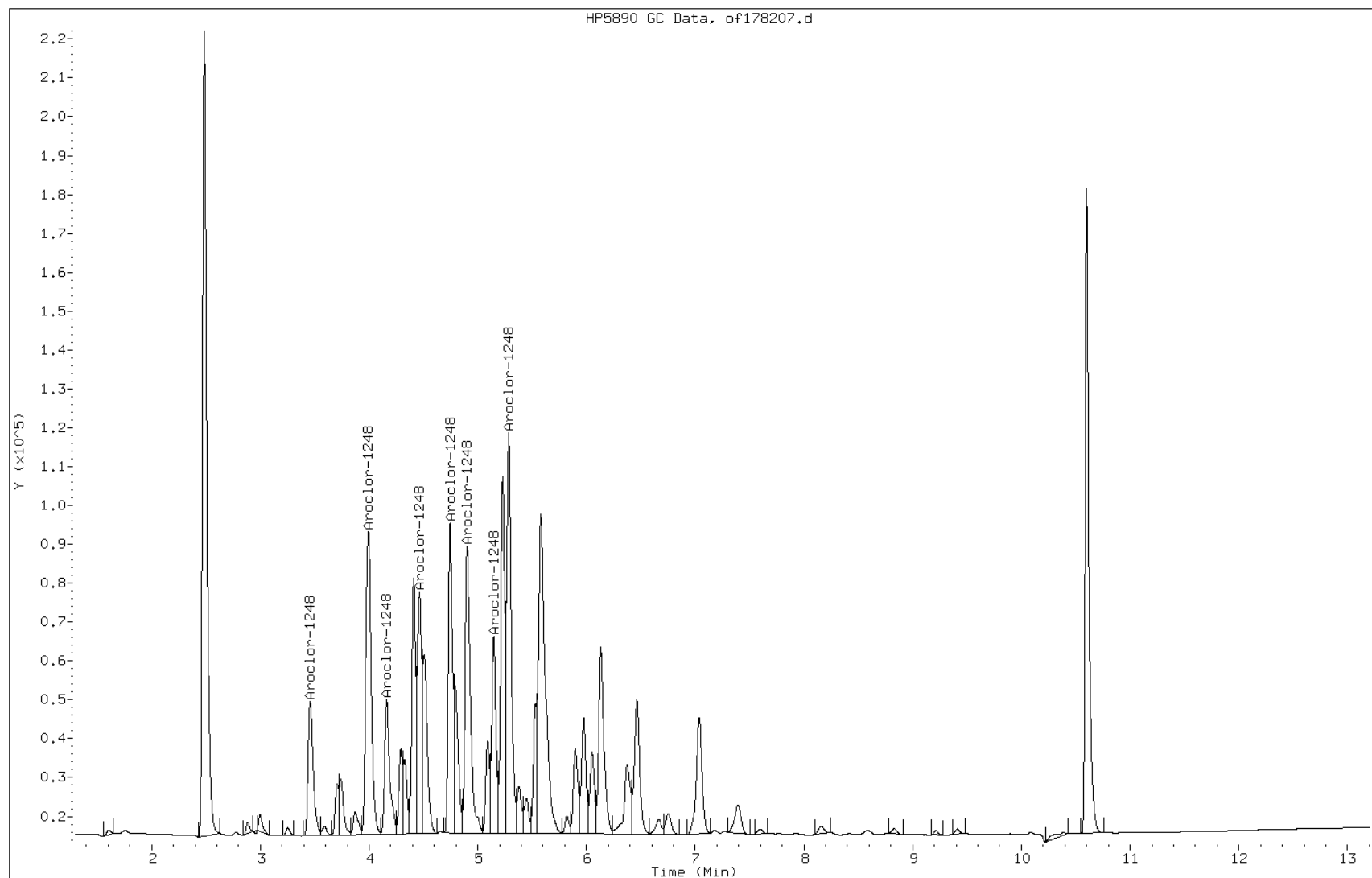
Date: 04-OCT-2011 12:02

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	or178207.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.708										2.638 - 2.778	2.708
PCB-1248 Peak 2	3.167										3.097 - 3.237	3.167
PCB-1248 Peak 3	3.317										3.247 - 3.387	3.317
PCB-1248 Peak 4	3.522										3.452 - 3.592	3.522
PCB-1248 Peak 5	3.753										3.683 - 3.823	3.753
PCB-1248 Peak 6	3.847										3.777 - 3.917	3.847
PCB-1248 Peak 7	4.130										4.060 - 4.200	4.130
PCB-1248 Peak 8	4.485										4.415 - 4.555	4.485

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	or178207.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	66.821				Ave		66.8210000						20.0			
PCB-1248 Peak 2	158.97				Ave		158.9720000						20.0			
PCB-1248 Peak 3	66.705				Ave		66.7050000						20.0			
PCB-1248 Peak 4	188.38				Ave		188.3760000						20.0			
PCB-1248 Peak 5	169.98				Ave		169.9830000						20.0			
PCB-1248 Peak 6	99.211				Ave		99.2110000						20.0			
PCB-1248 Peak 7	85.801				Ave		85.8010000						20.0			
PCB-1248 Peak 8	145.53				Ave		145.5250000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:02 Calibration End Date: 10/04/2011 12:02 Calibration ID: 12572

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/14	or178207.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	66821					1000				
PCB-1248 Peak 2	Ave	158972					1000				
PCB-1248 Peak 3	Ave	66705					1000				
PCB-1248 Peak 4	Ave	188376					1000				
PCB-1248 Peak 5	Ave	169983					1000				
PCB-1248 Peak 6	Ave	99211					1000				
PCB-1248 Peak 7	Ave	85801					1000				
PCB-1248 Peak 8	Ave	145525					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178207.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 04-OCT-2011 12:02
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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		
2.708	2.708	0.000	66821 1000.00	1000	80.00- 120.00	100.00(M)
3.167	3.167	0.000	158972 1000.00	1000	190.33- 285.49	237.91
3.317	3.317	0.000	66705 1000.00	1000	79.86- 119.79	99.83
3.522	3.522	0.000	188376 1000.00	1000	225.53- 338.29	281.91
3.753	3.753	0.000	169983 1000.00	1000	203.51- 305.26	254.39
3.847	3.847	0.000	99211 1000.00	1000	118.78- 178.17	148.47
4.130	4.130	0.000	85801 1000.00	1000	102.72- 154.09	128.40
4.485	4.485	0.000	145525 1000.00	1000	174.23- 261.34	217.78
Average of Peak Amounts =				1e+03		

Data File: or178207.d
Report Date: 04-Oct-2011 13:41

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: or178207.d

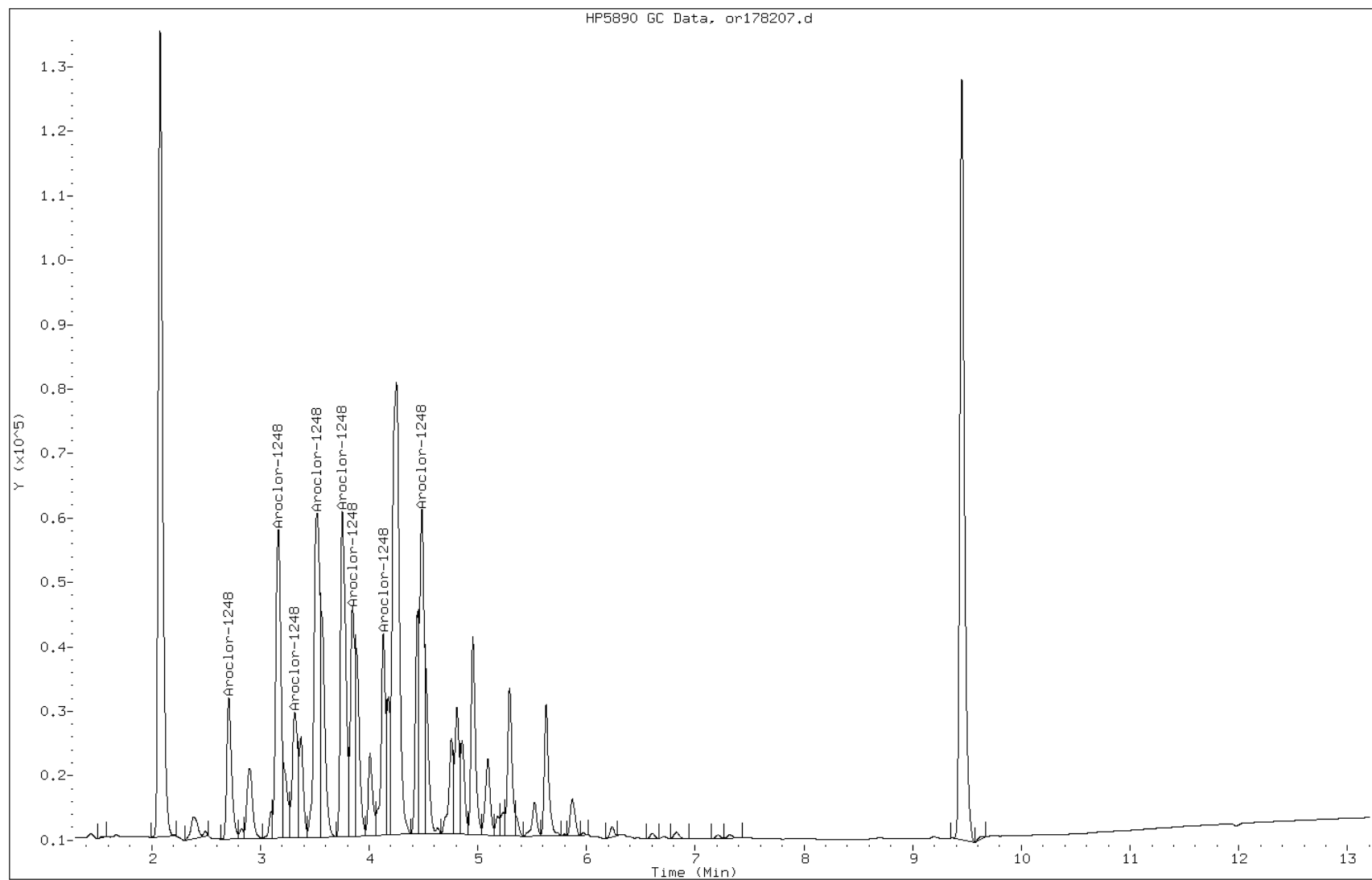
Date: 04-OCT-2011 12:02

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	of178208.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.410										4.340 - 4.480	4.410
PCB-1254 Peak 2	5.280										5.210 - 5.350	5.280
PCB-1254 Peak 3	5.527										5.457 - 5.597	5.527
PCB-1254 Peak 4	5.975										5.905 - 6.045	5.975
PCB-1254 Peak 5	6.132										6.062 - 6.202	6.132
PCB-1254 Peak 6	7.033										6.963 - 7.103	7.033
PCB-1254 Peak 7	7.393										7.323 - 7.463	7.393
PCB-1254 Peak 8	8.160										8.090 - 8.230	8.160

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	of178208.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	150.58				Ave		150.584000						20.0			
PCB-1254 Peak 2	278.67				Ave		278.673000						20.0			
PCB-1254 Peak 3	289.88				Ave		289.881000						20.0			
PCB-1254 Peak 4	206.34				Ave		206.339000						20.0			
PCB-1254 Peak 5	461.38				Ave		461.382000						20.0			
PCB-1254 Peak 6	383.77				Ave		383.769000						20.0			
PCB-1254 Peak 7	477.88				Ave		477.876000						20.0			
PCB-1254 Peak 8	109.12				Ave		109.115000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	of178208.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	150584					1000				
PCB-1254 Peak 2	Ave	278673					1000				
PCB-1254 Peak 3	Ave	289881					1000				
PCB-1254 Peak 4	Ave	206339					1000				
PCB-1254 Peak 5	Ave	461382					1000				
PCB-1254 Peak 6	Ave	383769					1000				
PCB-1254 Peak 7	Ave	477876					1000				
PCB-1254 Peak 8	Ave	109115					1000				

Curve Type Legend:

Ave = Average

Data File: of178208.d
Report Date: 04-Oct-2011 13:41

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/of178208.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 04-OCT-2011 12:19
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Oct11/10-04-11aical/04oct11a.b/080f8082.m
Meth Date : 04-Oct-2011 13:41 shanthi
Cal Date : 04-OCT-2011 12:52
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: of178210.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		
4.410	4.410	0.000	150584 1000.00	1000 80.00-	120.00	100.00(M)
5.280	5.280	0.000	278673 1000.00	1000 148.05-	222.07	185.06
5.527	5.527	0.000	289881 1000.00	1000 154.00-	231.01	192.50
5.975	5.975	0.000	206339 1000.00	1000 109.62-	164.43	137.03
6.132	6.132	0.000	461382 1000.00	1000 245.12-	367.67	306.40
7.033	7.033	0.000	383769 1000.00	1000 203.88-	305.82	254.85
7.393	7.393	0.000	477876 1000.00	1000 253.88-	380.82	317.35
8.160	8.160	0.000	109115 1000.00	1000 57.97-	86.95	72.46
Average of Peak Amounts =				1e+03		

Data File: of178208.d
Report Date: 04-Oct-2011 13:41

QC Flag Legend

M - Compound response manually integrated.

Data File: of178208.d

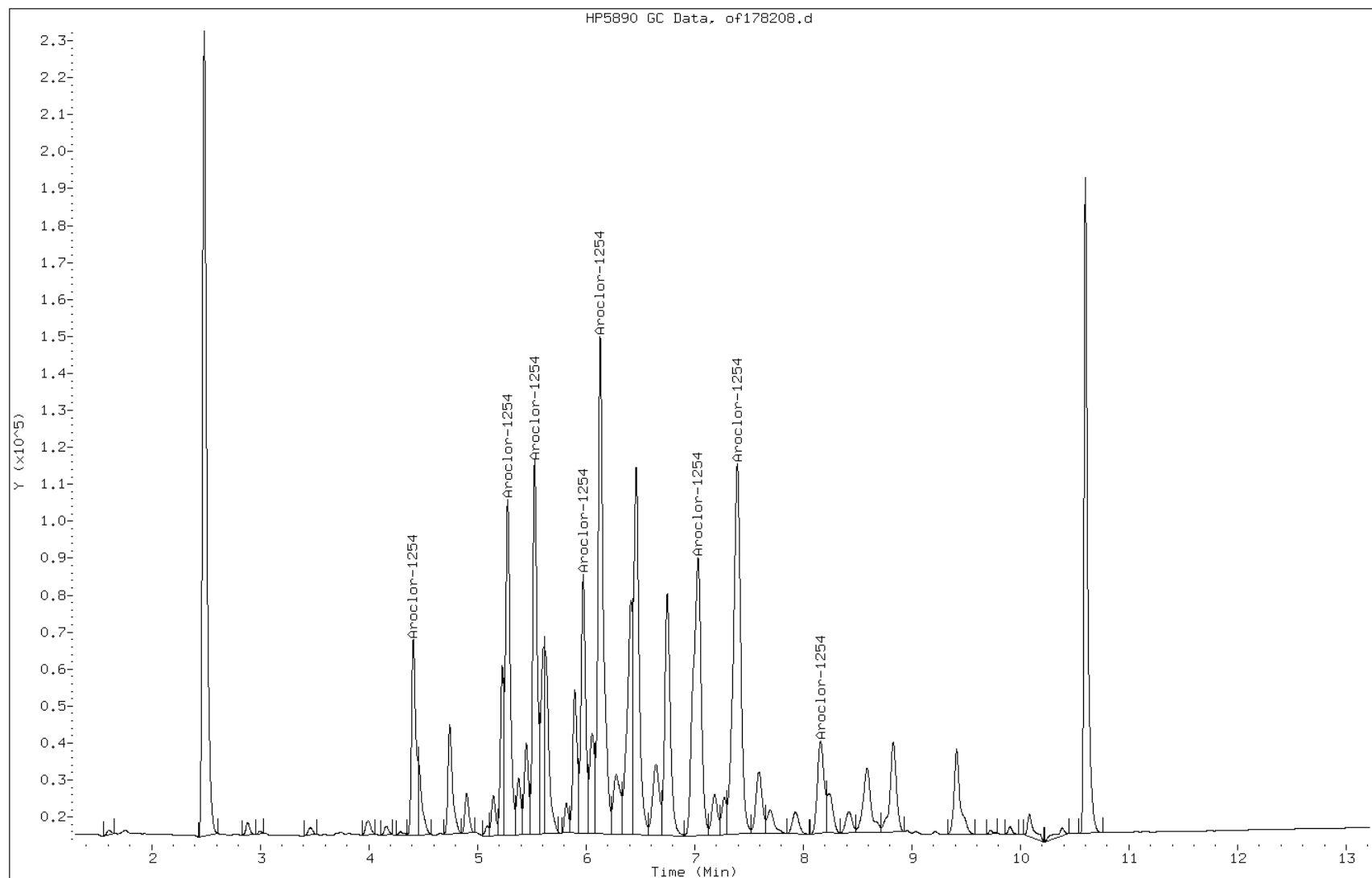
Date: 04-OCT-2011 12:19

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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	or178208.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.180										4.110 - 4.250	4.180
PCB-1254 Peak 2	4.227										4.157 - 4.297	4.227
PCB-1254 Peak 3	4.482										4.412 - 4.552	4.482
PCB-1254 Peak 4	4.807										4.737 - 4.877	4.807
PCB-1254 Peak 5	4.953										4.883 - 5.023	4.953
PCB-1254 Peak 6	5.178										5.108 - 5.248	5.178
PCB-1254 Peak 7	5.292										5.222 - 5.362	5.292
PCB-1254 Peak 8	5.520										5.450 - 5.590	5.520

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	or178208.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	139.84				Ave		139.835000						20.0			
PCB-1254 Peak 2	131.96				Ave		131.962000						20.0			
PCB-1254 Peak 3	207.34				Ave		207.336000						20.0			
PCB-1254 Peak 4	161.41				Ave		161.405000						20.0			
PCB-1254 Peak 5	275.92				Ave		275.915000						20.0			
PCB-1254 Peak 6	132.86				Ave		132.864000						20.0			
PCB-1254 Peak 7	202.22				Ave		202.217000						20.0			
PCB-1254 Peak 8	200.65				Ave		200.653000						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.: 460-33168-1 Analy Batch No.: 88199

SDG No.: _____

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

Calibration Start Date: 10/04/2011 12:19 Calibration End Date: 10/04/2011 12:19 Calibration ID: 12573

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-88199/15	or178208.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	139835					1000				
PCB-1254 Peak 2	Ave	131962					1000				
PCB-1254 Peak 3	Ave	207336					1000				
PCB-1254 Peak 4	Ave	161405					1000				
PCB-1254 Peak 5	Ave	275915					1000				
PCB-1254 Peak 6	Ave	132864					1000				
PCB-1254 Peak 7	Ave	202217					1000				
PCB-1254 Peak 8	Ave	200653					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/or178208.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 04-OCT-2011 12:19
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b/080r8082.m
Meth Date : 04-Oct-2011 13:39 shanthi
Cal Date : 04-OCT-2011 12:52
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: or178210.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		
4.180	4.180	0.000	139835 1000.00	1000	80.00- 120.00	100.00(M)
4.227	4.227	0.000	131962 1000.00	1000	75.50- 113.24	94.37
4.482	4.482	0.000	207336 1000.00	1000	118.62- 177.93	148.27
4.807	4.807	0.000	161405 1000.00	1000	92.34- 138.51	115.43
4.953	4.953	0.000	275915 1000.00	1000	157.85- 236.78	197.31
5.178	5.178	0.000	132864 1000.00	1000	76.01- 114.02	95.01
5.292	5.292	0.000	202217 1000.00	1000	115.69- 173.53	144.61
5.520	5.520	0.000	200653 1000.00	1000	114.79- 172.19	143.49
Average of Peak Amounts =				1e+03		

Data File: or178208.d
Report Date: 04-Oct-2011 13:41

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12937

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/8	vf466658.d
Level 2	IC 460-91856/10	vf466660.d
Level 3	IC 460-91856/7	vf466657.d
Level 4	IC 460-91856/12	vf466662.d
Level 5	IC 460-91856/13	vf466663.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.910	2.908	2.912	2.909	2.904						2.842 - 2.982	2.909
PCB-1016 Peak 2	3.578	3.575	3.581	3.577	3.570						3.511 - 3.651	3.576
PCB-1016 Peak 3	4.019	4.018	4.023	4.018	4.014						3.953 - 4.093	4.018
PCB-1016 Peak 4	4.419	4.418	4.422	4.418	4.414						4.352 - 4.492	4.418
PCB-1016 Peak 5	4.663	4.662	4.666	4.662	4.659						4.596 - 4.736	4.662
PCB-1016 Peak 6	5.100	5.099	5.103	5.100	5.096						5.033 - 5.173	5.100
PCB-1016 Peak 7	5.485	5.485	5.490	5.486	5.483						5.420 - 5.560	5.486
PCB-1016 Peak 8	5.694	5.695	5.700	5.696	5.693						5.630 - 5.770	5.696
PCB-1260 Peak 1	7.383	7.381	7.387	7.382	7.379						7.317 - 7.457	7.383
PCB-1260 Peak 2	7.689	7.688	7.693	7.687	7.684						7.623 - 7.763	7.688
PCB-1260 Peak 3	8.143	8.141	8.146	8.142	8.139						8.076 - 8.216	8.142
PCB-1260 Peak 4	9.251	9.249	9.256	9.251	9.247						9.186 - 9.326	9.251
PCB-1260 Peak 5	9.383	9.383	9.389	9.383	9.380						9.319 - 9.459	9.384
PCB-1260 Peak 6	9.859	9.858	9.861	9.857	9.856						9.791 - 9.931	9.858
PCB-1260 Peak 7	10.596	10.595	10.597	10.596	10.594						10.527 - 10.667	10.596
PCB-1260 Peak 8	11.065	11.065	11.066	11.065	11.063						10.996 - 11.136	11.065
DCB Decachlorobiphenyl	11.496	11.495	11.497	11.493	11.490						11.397 - 11.597	11.494

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12937

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/8	vf466658.d
Level 2	IC 460-91856/10	vf466660.d
Level 3	IC 460-91856/7	vf466657.d
Level 4	IC 460-91856/12	vf466662.d
Level 5	IC 460-91856/13	vf466663.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	4008.1 3306.0	4112.9	3846.5	3569.0	Ave		3768.53216				8.8		20.0			
PCB-1016 Peak 2	9391.6 7249.8	8981.6	8581.9	7828.7	Ave		8406.71644				10.3		20.0			
PCB-1016 Peak 3	3927.9 3201.7	3685.1	3594.7	3384.5	Ave		3558.78889				7.8		20.0			
PCB-1016 Peak 4	15707 13301	15375	15303	14108	Ave		14758.9509				6.9		20.0			
PCB-1016 Peak 5	7679.4 6011.1	7288.5	6898.1	6400.8	Ave		6855.57119				9.8		20.0			
PCB-1016 Peak 6	4551.2 3589.9	4422.7	4218.8	3855.2	Ave		4127.57640				9.7		20.0			
PCB-1016 Peak 7	5581.7 4338.3	5365.8	5037.1	4618.6	Ave		4988.32343				10.3		20.0			
PCB-1016 Peak 8	4829.8 4708.2	5204.7	5059.3	4907.1	Ave		4941.83017				3.9		20.0			
PCB-1260 Peak 1	5155.5 4126.4	4604.2	4878.5	4340.0	Ave		4620.94088				8.9		20.0			
PCB-1260 Peak 2	12524 8898.6	10476	10814	9513.5	Ave		10445.4309				13.3		20.0			
PCB-1260 Peak 3	14021 9845.7	11552	12160	10520	Ave		11619.8482				13.9		20.0			
PCB-1260 Peak 4	7762.2 6702.7	7489.0	8107.9	7105.8	Ave		7433.51380				7.4		20.0			
PCB-1260 Peak 5	3770.2 3827.3	3888.0	4446.2	3966.2	Ave		3979.57217				6.8		20.0			
PCB-1260 Peak 6	8200.3 7372.9	7804.3	8704.5	7680.9	Ave		7952.58116				6.5		20.0			
PCB-1260 Peak 7	11194 7922.2	9559.1	9685.3	8676.9	Ave		9407.57409				13.1		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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12937

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	3958.9 3297.8	3468.1	3909.7	3405.6	Ave		3608.02155				8.4		20.0			
DCB Decachlorobiphenyl	130086 100859	121105	122039	106636	Ave		116145.110				10.3		20.0			

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

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12937

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/8	vf466658.d
Level 2	IC 460-91856/10	vf466660.d
Level 3	IC 460-91856/7	vf466657.d
Level 4	IC 460-91856/12	vf466662.d
Level 5	IC 460-91856/13	vf466663.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	400814	2056466	3846544	5353497	8265117	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	939159	4490817	8581893	11743026	18124453	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	392787	1842551	3594721	5076769	8004347	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	1570746	7687507	15303087	21162350	33252401	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	767936	3644246	6898071	9601250	15027749	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	455115	2211361	4218822	5782866	8974860	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	558174	2682910	5037131	6927965	10845707	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	482984	2602373	5059305	7360630	11770433	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	515553	2302119	4878478	6510063	10316041	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	1252413	5238191	10814487	14270269	22246607	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	1402112	5776047	12160029	15780490	24614178	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	776215	3744508	8107871	10658733	16756775	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	377017	1944017	4446193	5949286	9568183	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	820031	3902135	8704523	11521362	18432237	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1119435	4779534	9685273	13015414	19805592	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	395894	1734040	3909702	5108336	8244571	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	3252148	6055241	12203929	15995435	20171857	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

Data File: vf466657.d
Report Date: 04-Nov-2011 08:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466657.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 04-NOV-2011 01:32
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:00 shanthi
Cal Date : 24-OCT-2011 03:13
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466058.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			
2.912	2.912	0.000	3846544	1000.00	1000	80.00-	120.00	100.00(M)
3.581	3.581	0.000	8581893	1000.00	1000	178.49-	267.73	223.11
4.023	4.023	0.000	3594721	1000.00	1000	74.76-	112.14	93.45
4.422	4.422	0.000	15303087	1000.00	1000	318.27-	477.41	397.84
4.666	4.666	0.000	6898071	1000.00	1000	143.47-	215.20	179.33
5.103	5.103	0.000	4218822	1000.00	1000	87.74-	131.61	109.68
5.490	5.490	0.000	5037131	1000.00	1000	104.76-	157.14	130.95
5.700	5.700	0.000	5059305	1000.00	1000	105.22-	157.83	131.53
Average of Peak Amounts =					1.02e+03			

27 Aroclor-1260					CAS #: 11096-82-5				
7.387	7.387	0.000	4878478	1000.00	1000	80.00-	120.00	100.00(M)	

Data File: vf466657.d
 Report Date: 04-Nov-2011 08:00

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.693	7.693	0.000	10814487	1000.00	1000	177.34-	266.01	221.68
8.146	8.146	0.000	12160029	1000.00	1000	199.41-	299.11	249.26
9.256	9.256	0.000	8107871	1000.00	1100	132.96-	199.44	166.20
9.389	9.389	0.000	4446193	1000.00	1100	72.91-	109.37	91.14
9.861	9.861	0.000	8704523	1000.00	1100	142.74-	214.11	178.43
10.597	10.597	0.000	9685273	1000.00	1000	158.82-	238.24	198.53
11.066	11.066	0.000	3909702	1000.00	1100	64.11-	96.17	80.14
Average of Peak Amounts =					1.07e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.497	11.497	0.000	12203929	100.000	100	80.00-	120.00	100.00(M)

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466657.d

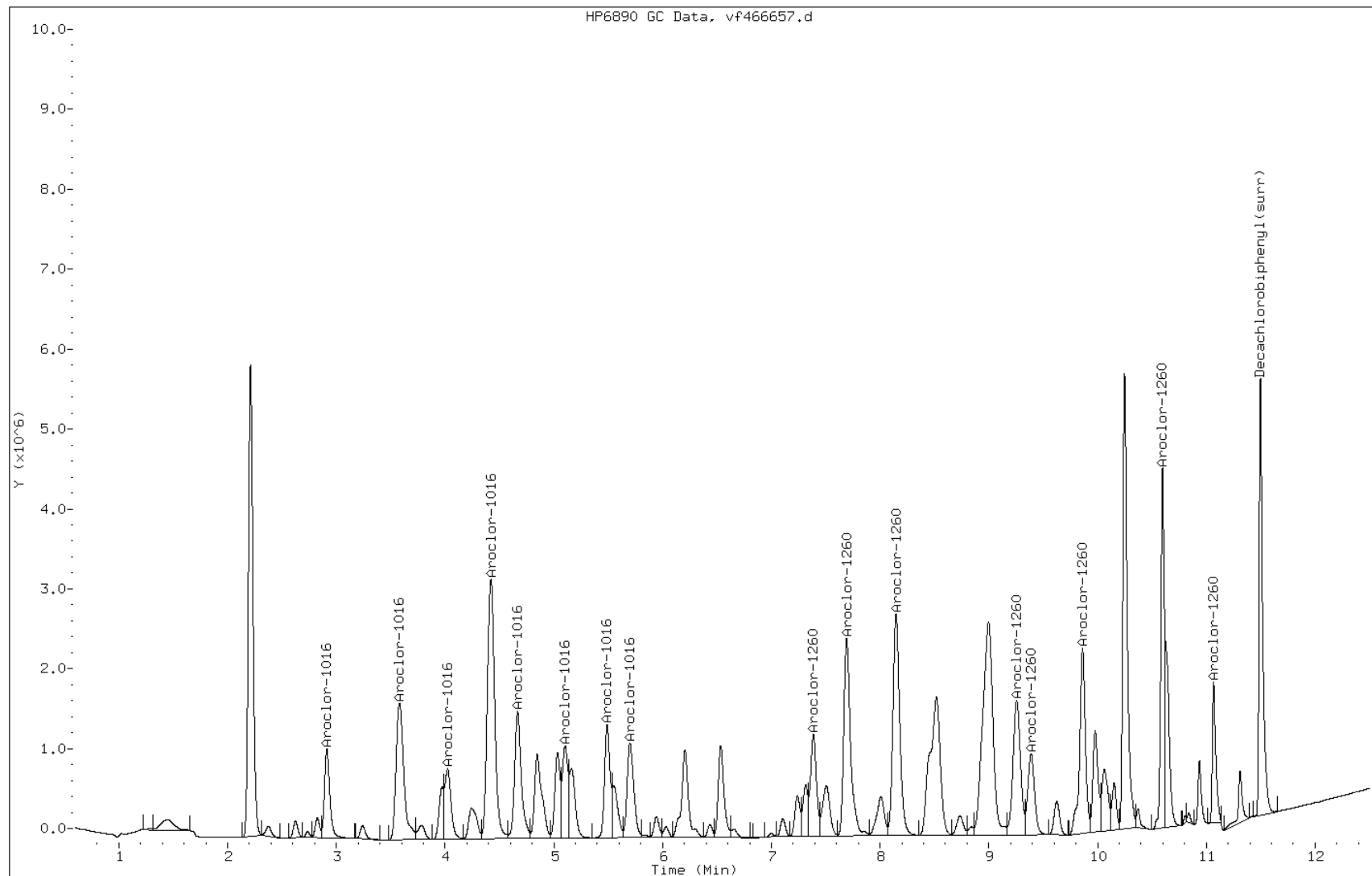
Date: 04-NOV-2011 01:32

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L3_00013

Operator: 615



Manual Integration Report

Data File: vf466657.d
Inj. Date and Time: 04-NOV-2011 01:32
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/04/2011

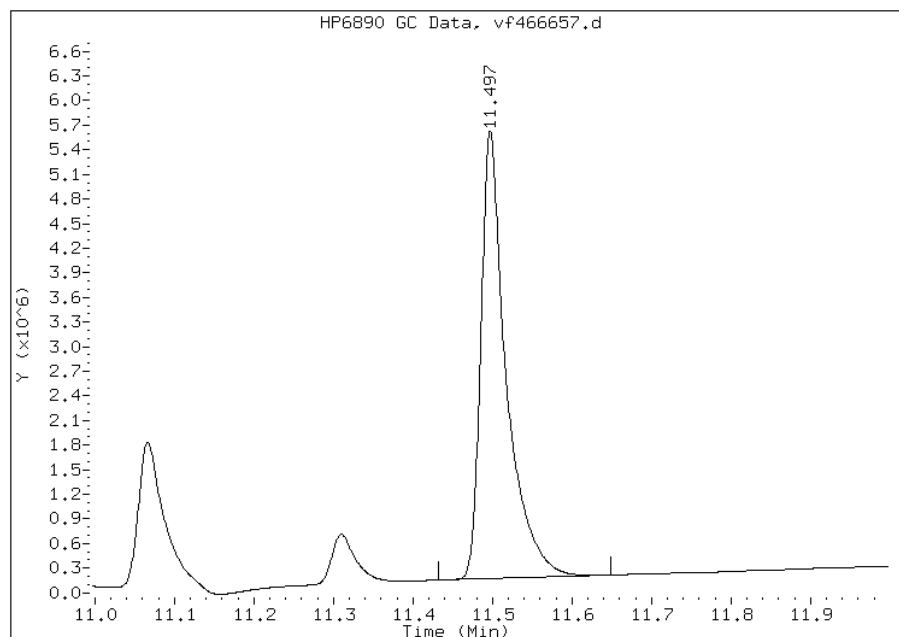
Processing Integration Results

Not Detected

Expected RT: 11.50

Manual Integration Results

RT: 11.50
Response: 12203929
Amount: 105.07
Conc: 105.07



Manually Integrated By: shanthi
Manual Integration Reason:

Data File: vf466658.d
Report Date: 04-Nov-2011 08:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466658.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 04-NOV-2011 01:48
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:00 shanthi
Cal Date : 04-NOV-2011 01:48
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466658.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	RESPONSE	CAL -AMT (ug/L)	ON - COL (ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.910	2.912	-0.002	400814	100.000	110	80.00-	120.00	100.00(M)	
3.578	3.581	-0.003	939159	100.000	110	187.45-	281.18	234.31	
4.019	4.023	-0.004	392787	100.000	110	78.40-	117.60	98.00	
4.419	4.422	-0.003	1570746	100.000	110	313.51-	470.27	391.89	
4.663	4.666	-0.003	767936	100.000	110	153.28-	229.91	191.59	
5.100	5.103	-0.003	455115	100.000	110	90.84-	136.26	113.55	
5.485	5.490	-0.005	558174	100.000	110	111.41-	167.11	139.26	
5.694	5.700	-0.006	482984	100.000	98	96.40-	144.60	120.50	
Average of Peak Amounts =					108				

27 Aroclor-1260					CAS #: 11096-82-5				
7.383	7.387	-0.004	515553	100.000	110	80.00-	120.00	100.00(M)	

Data File: vf466658.d
 Report Date: 04-Nov-2011 08:00

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.689	7.693	-0.004	1252413	100.000	120	194.34-	291.51	242.93	
8.143	8.146	-0.003	1402112	100.000	120	217.57-	326.36	271.96	
9.251	9.256	-0.005	776215	100.000	100	120.45-	180.67	150.56	
9.383	9.389	-0.006	377017	100.000	95	58.50-	87.75	73.13	
9.859	9.861	-0.002	820031	100.000	100	127.25-	190.87	159.06	
10.596	10.597	-0.001	1119435	100.000	120	173.71-	260.56	217.13	
11.065	11.066	-0.001	395894	100.000	110	61.43-	92.15	76.79	
Average of Peak Amounts =					110				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.496	11.497	-0.001	3252148	25.0000	28	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466658.d

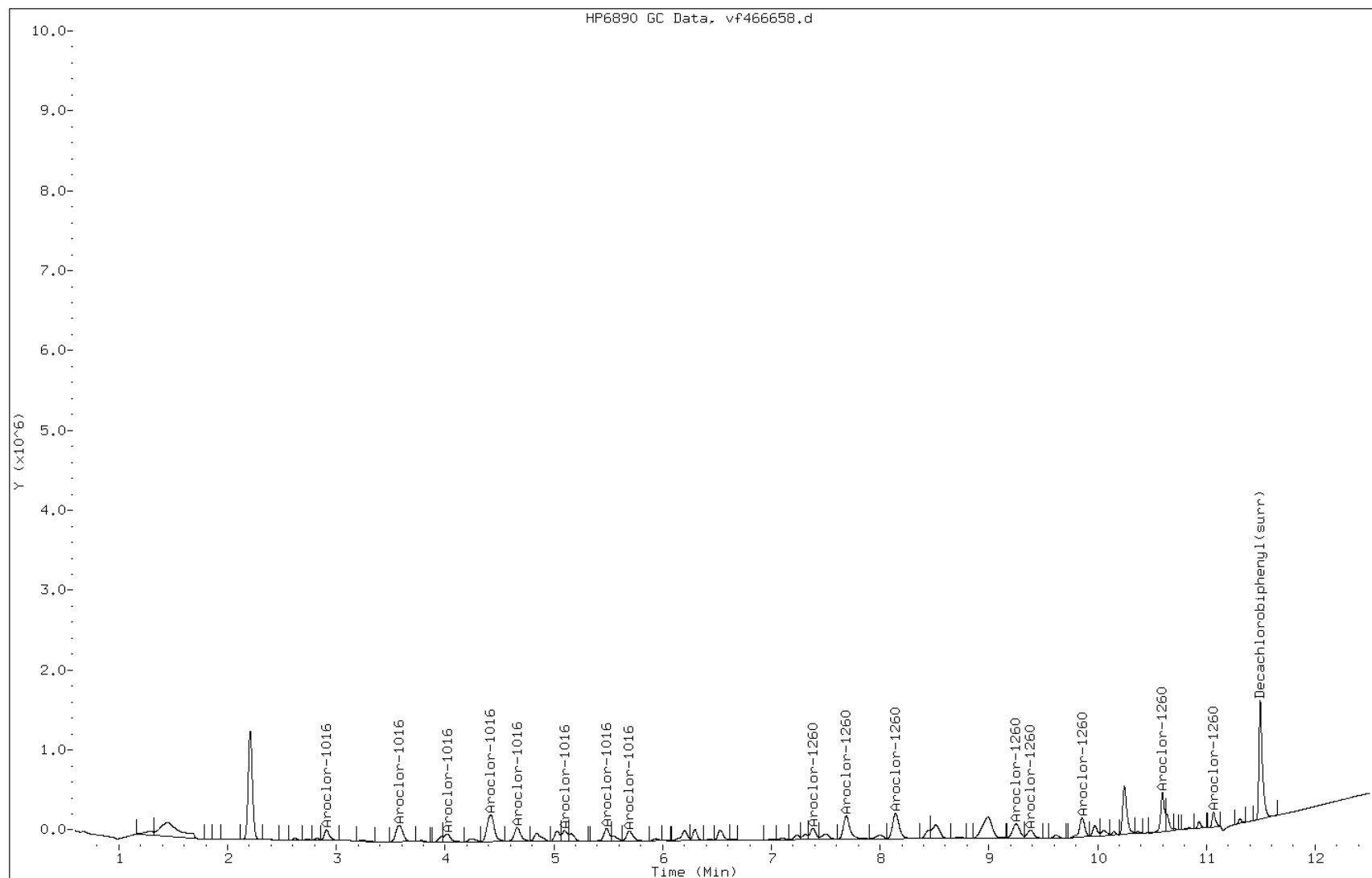
Date: 04-NOV-2011 01:48

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L1_00010

Operator: 615



Manual Integration Report

Data File: vf466658.d
Inj. Date and Time: 04-NOV-2011 01:48
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/04/2011

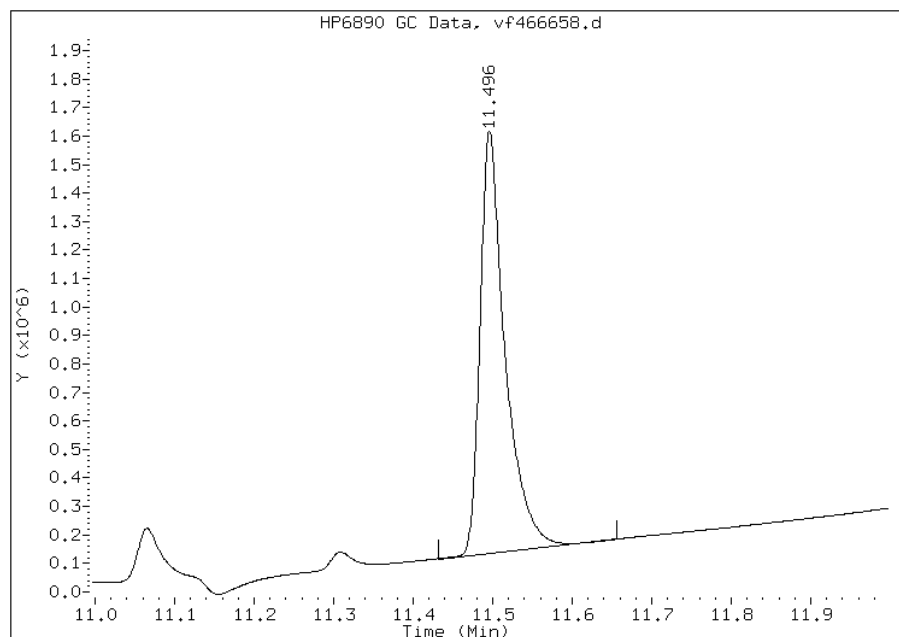
Processing Integration Results

Not Detected

Expected RT: 11.50

Manual Integration Results

RT: 11.50
Response: 3252148
Amount: 28.00
Conc: 28.00



Manually Integrated By: shanthi
Manual Integration Reason:

Data File: vf466660.d
Report Date: 04-Nov-2011 08:00

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466660.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 04-NOV-2011 02:19
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:00 shanthi
Cal Date : 04-NOV-2011 02:19
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: vf466660.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	ON - COL	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.908	2.912	-0.004	2056466	500.000	540	80.00-	120.00	100.00	
3.575	3.581	-0.006	4490817	500.000	530	174.70-	262.05	218.38	
4.018	4.023	-0.005	1842551	500.000	520	71.68-	107.52	89.60	
4.418	4.422	-0.004	7687507	500.000	520	299.06-	448.59	373.82	
4.662	4.666	-0.004	3644246	500.000	530	141.77-	212.65	177.21	
5.099	5.103	-0.004	2211361	500.000	540	86.03-	129.04	107.53	
5.485	5.490	-0.005	2682910	500.000	540	104.37-	156.55	130.46	
5.695	5.700	-0.005	2602373	500.000	530	101.24-	151.86	126.55	
Average of Peak Amounts =					531				
27 Aroclor-1260					CAS #: 11096-82-5				
7.381	7.387	-0.006	2302119	500.000	500	80.00-	120.00	100.00(M)	

Data File: vf466660.d
 Report Date: 04-Nov-2011 08:00

AMOUNTS									
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.688	7.693	-0.005	5238191	500.000	500	182.03-	273.05	227.54	
8.141	8.146	-0.005	5776047	500.000	500	200.72-	301.08	250.90	
9.249	9.256	-0.007	3744508	500.000	500	130.12-	195.19	162.65	
9.383	9.389	-0.006	1944017	500.000	490	67.56-	101.33	84.44	
9.858	9.861	-0.003	3902135	500.000	490	135.60-	203.40	169.50	
10.595	10.597	-0.002	4779534	500.000	510	166.09-	249.14	207.61	
11.065	11.066	-0.001	1734040	500.000	480	60.26-	90.39	75.32	
Average of Peak Amounts =					496				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.495	11.497	-0.002	6055241	50.0000	52	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466660.d

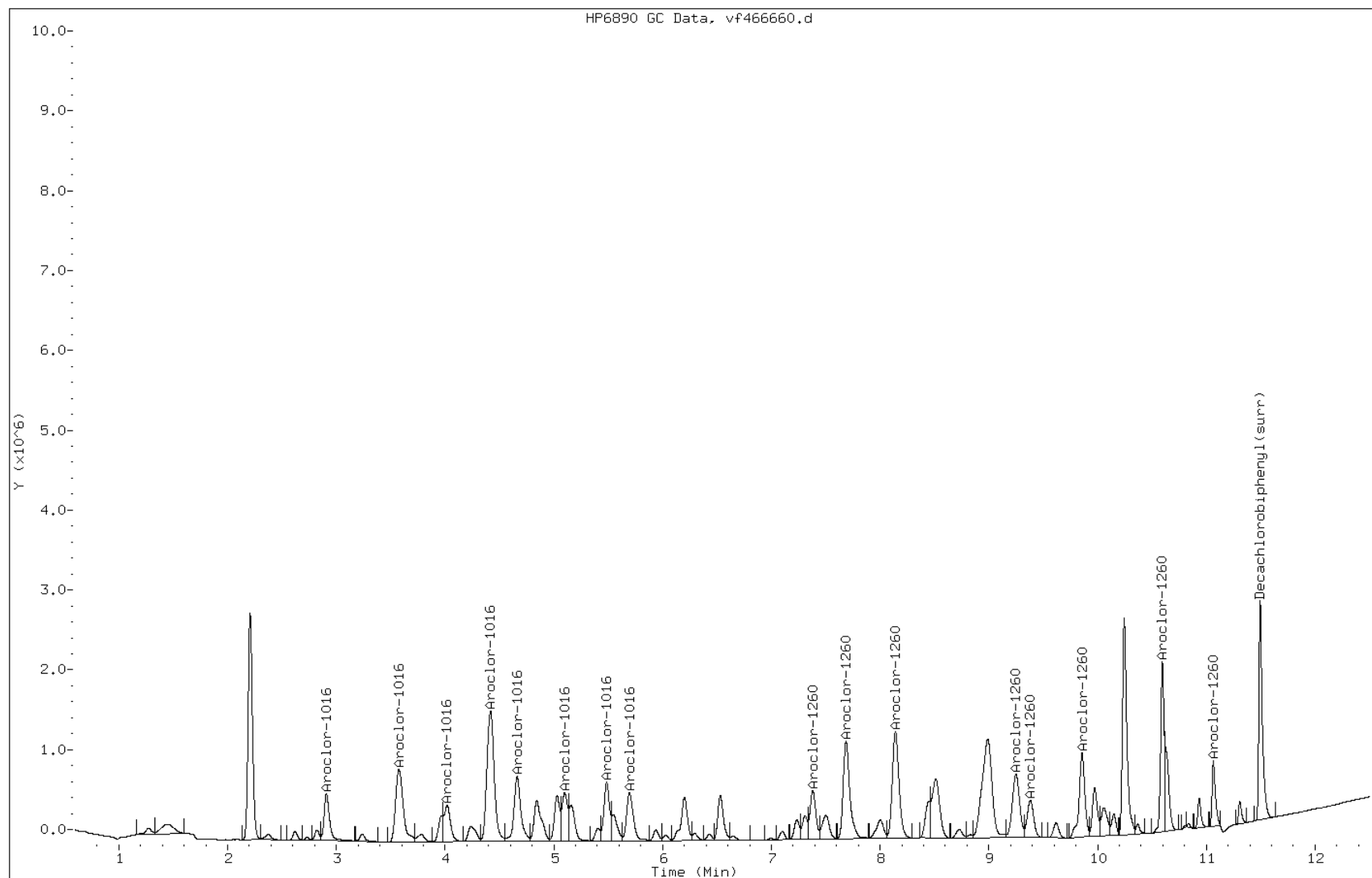
Date: 04-NOV-2011 02:19

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Manual Integration Report

Data File: vf466660.d
Inj. Date and Time: 04-NOV-2011 02:19
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/04/2011

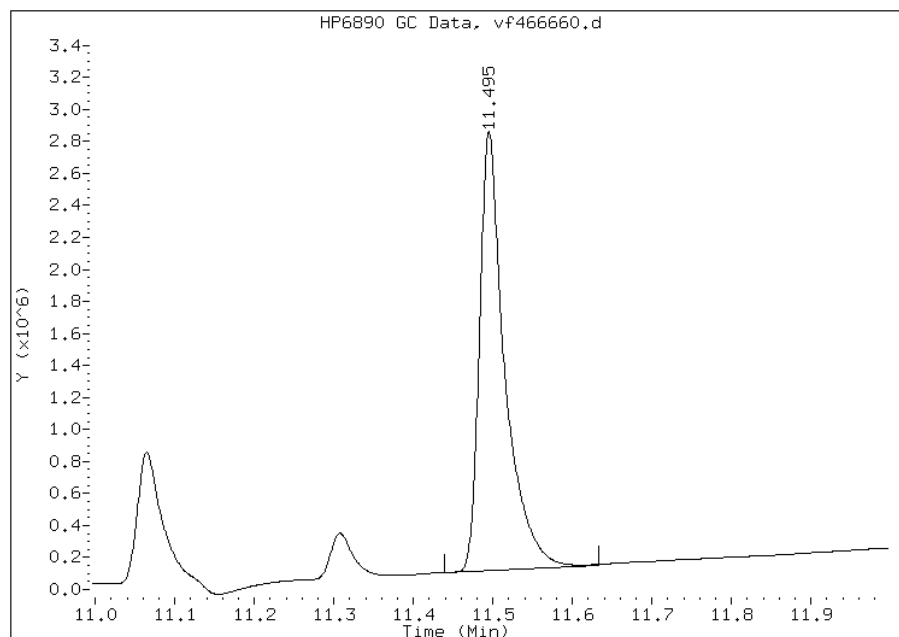
Processing Integration Results

Not Detected

Expected RT: 11.50

Manual Integration Results

RT: 11.50
Response: 6055241
Amount: 52.14
Conc: 52.14



Manually Integrated By: shanthi
Manual Integration Reason:

Data File: vf466662.d
Report Date: 04-Nov-2011 08:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466662.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 04-NOV-2011 02:51
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:01 shanthi
Cal Date : 04-NOV-2011 02:51
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: vf466662.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				
2.909	2.912	-0.003	5353497	1500.00	1400	80.00-	120.00	100.00	
3.577	3.581	-0.004	11743026	1500.00	1400	175.48-	263.22	219.35	
4.018	4.023	-0.005	5076769	1500.00	1400	75.86-	113.80	94.83	
4.418	4.422	-0.004	21162350	1500.00	1400	316.24-	474.36	395.30	
4.662	4.666	-0.004	9601250	1500.00	1400	143.48-	215.21	179.35	
5.100	5.103	-0.003	5782866	1500.00	1400	86.42-	129.62	108.02	
5.486	5.490	-0.004	6927965	1500.00	1400	103.53-	155.29	129.41	
5.696	5.700	-0.004	7360630	1500.00	1500	109.99-	164.99	137.49	
Average of Peak Amounts =					1.42e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.382	7.387	-0.005	6510063	1500.00	1400	80.00-	120.00	100.00(M)	

Data File: vf466662.d
 Report Date: 04-Nov-2011 08:01

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.687	7.693	-0.006	14270269	1500.00	1400	175.36-	263.04	219.20	
8.142	8.146	-0.004	15780490	1500.00	1400	193.92-	290.88	242.40	
9.251	9.256	-0.005	10658733	1500.00	1400	130.98-	196.47	163.73	
9.383	9.389	-0.006	5949286	1500.00	1500	73.11-	109.66	91.39	
9.857	9.861	-0.004	11521362	1500.00	1400	141.58-	212.37	176.98	
10.596	10.597	-0.001	13015414	1500.00	1400	159.94-	239.91	199.93	
11.065	11.066	-0.001	5108336	1500.00	1400	62.77-	94.16	78.47	
Average of Peak Amounts =					1.41e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.493	11.497	-0.004	15995435	150.000	140	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466662.d

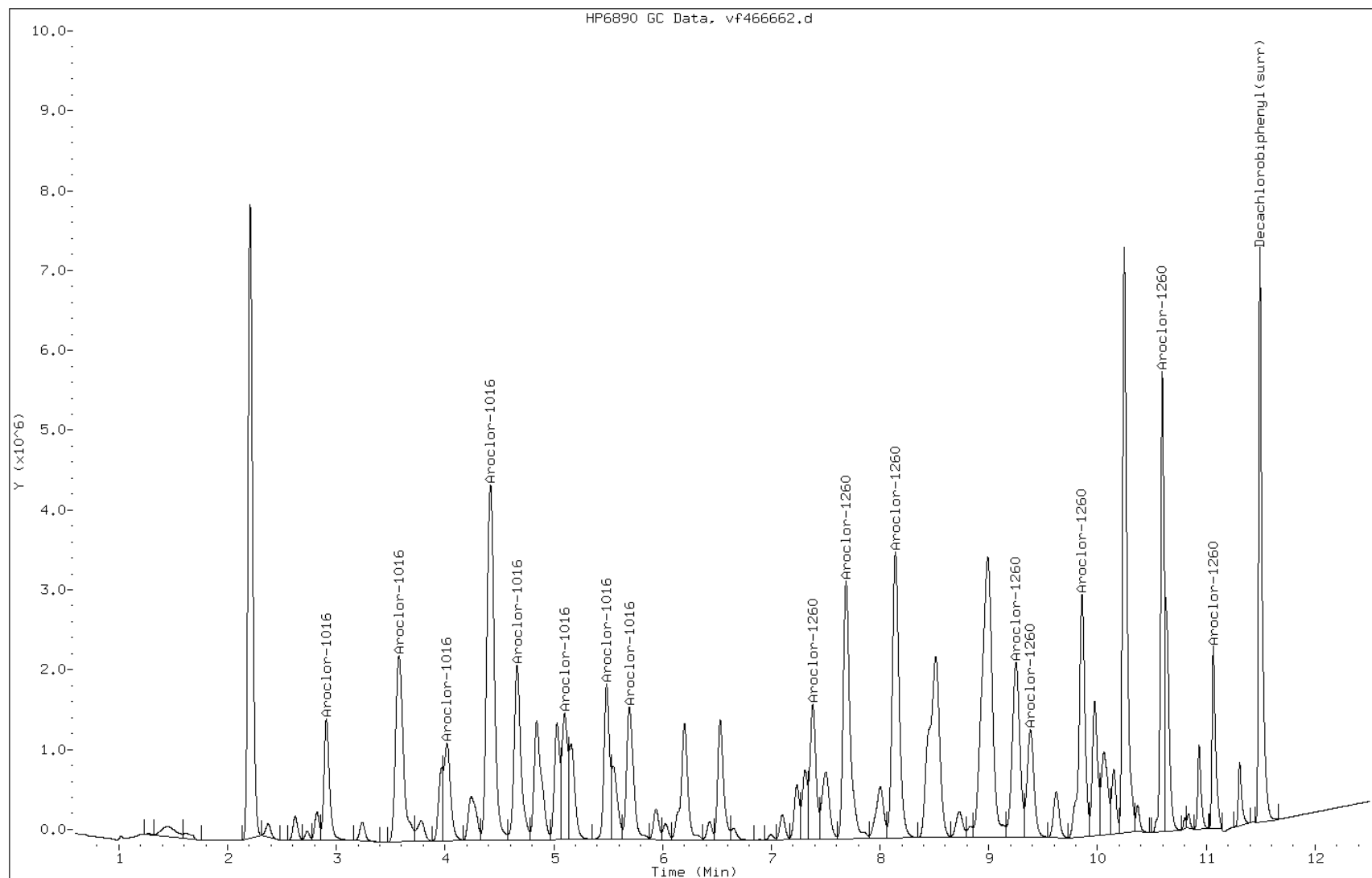
Date: 04-NOV-2011 02:51

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L4_00010

Operator: 615



Manual Integration Report

Data File: vf466662.d
Inj. Date and Time: 04-NOV-2011 02:51
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/04/2011

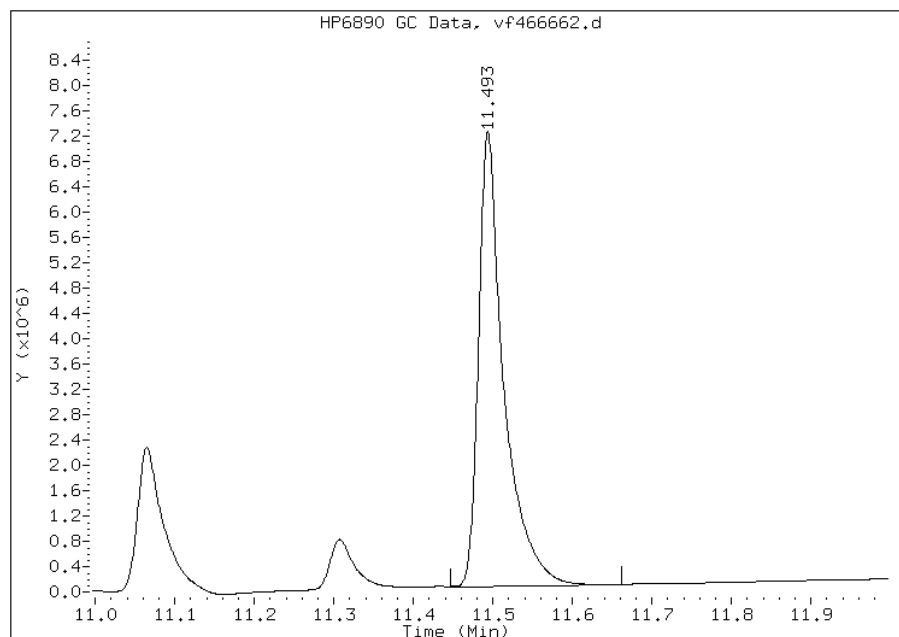
Processing Integration Results

Not Detected

Expected RT: 11.50

Manual Integration Results

RT: 11.49
Response: 15995435
Amount: 137.72
Conc: 137.72



Data File: vf466663.d
Report Date: 04-Nov-2011 08:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466663.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 04-NOV-2011 03:07
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:01 shanthi
Cal Date : 04-NOV-2011 03:07
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: vf466663.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				
2.904	2.912	-0.008	8265117	2500.00	2200	80.00-	120.00	100.00	
3.570	3.581	-0.011	18124453	2500.00	2200	175.43-	263.15	219.29	
4.014	4.023	-0.009	8004347	2500.00	2200	77.48-	116.21	96.84	
4.414	4.422	-0.008	33252401	2500.00	2200	321.86-	482.79	402.32	
4.659	4.666	-0.007	15027749	2500.00	2200	145.46-	218.19	181.82	
5.096	5.103	-0.007	8974860	2500.00	2200	86.87-	130.30	108.59	
5.483	5.490	-0.007	10845707	2500.00	2200	104.98-	157.47	131.22	
5.693	5.700	-0.007	11770433	2500.00	2400	113.93-	170.89	142.41	
Average of Peak Amounts =					2.22e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
7.379	7.387	-0.008	10316041	2500.00	2200	80.00-	120.00	100.00(M)	

Data File: vf466663.d
 Report Date: 04-Nov-2011 08:01

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.684	7.693	-0.009	22246607	2500.00	2100	172.52-	258.78	215.65	
8.139	8.146	-0.007	24614178	2500.00	2100	190.88-	286.32	238.60	
9.247	9.256	-0.009	16756775	2500.00	2200	129.95-	194.92	162.43	
9.380	9.389	-0.009	9568183	2500.00	2400	74.20-	111.30	92.75	
9.856	9.861	-0.005	18432237	2500.00	2300	142.94-	214.41	178.68	
10.594	10.597	-0.003	19805592	2500.00	2100	153.59-	230.39	191.99	
11.063	11.066	-0.003	8244571	2500.00	2300	63.94-	95.90	79.92	
Average of Peak Amounts =					2.23e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.490	11.497	-0.007	20171857	200.000	170	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466663.d

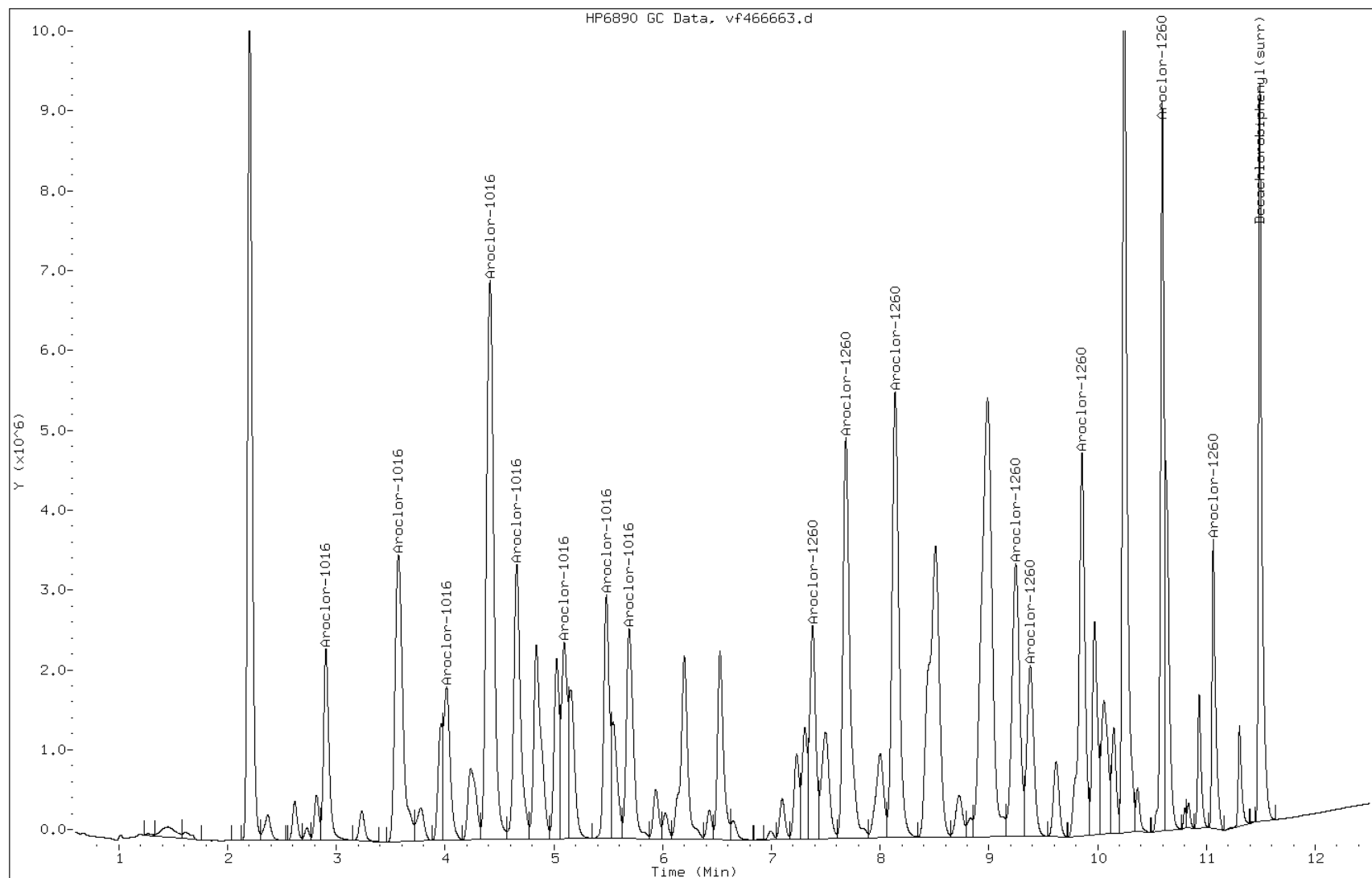
Date: 04-NOV-2011 03:07

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12945

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/8	vr466658.d
Level 2	IC 460-91856/10	vr466660.d
Level 3	IC 460-91856/7	vr466657.d
Level 4	IC 460-91856/12	vr466662.d
Level 5	IC 460-91856/13	vr466663.d

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
PCB-1016 Peak 1	2.032	2.031	2.032	2.031	2.026						1.962 - 2.102	2.030
PCB-1016 Peak 2	2.467	2.467	2.470	2.467	2.464						2.400 - 2.540	2.467
PCB-1016 Peak 3	2.715	2.715	2.717	2.714	2.711						2.647 - 2.787	2.715
PCB-1016 Peak 4	3.069	3.067	3.068	3.065	3.061						2.998 - 3.138	3.066
PCB-1016 Peak 5	3.259	3.258	3.260	3.256	3.252						3.190 - 3.330	3.257
PCB-1016 Peak 6	3.601	3.599	3.601	3.597	3.594						3.531 - 3.671	3.599
PCB-1016 Peak 7	3.958	3.958	3.962	3.958	3.954						3.892 - 4.032	3.958
PCB-1016 Peak 8	4.106	4.106	4.109	4.106	4.103						4.039 - 4.179	4.106
PCB-1260 Peak 1	5.993	5.991	5.995	5.991	5.989						5.925 - 6.065	5.992
PCB-1260 Peak 2	6.444	6.443	6.446	6.442	6.441						6.376 - 6.516	6.443
PCB-1260 Peak 3	6.884	6.882	6.885	6.881	6.880						6.815 - 6.955	6.882
PCB-1260 Peak 4	7.079	7.078	7.082	7.078	7.078						7.012 - 7.152	7.079
PCB-1260 Peak 5	7.505	7.503	7.509	7.504	7.504						7.439 - 7.579	7.505
PCB-1260 Peak 6	8.764	8.761	8.767	8.762	8.762						8.697 - 8.837	8.763
PCB-1260 Peak 7	8.978	8.977	8.984	8.978	8.979						8.914 - 9.054	8.979
PCB-1260 Peak 8	10.088	10.086	10.090	10.087	10.088						10.020 - 10.160	10.088
DCB Decachlorobiphenyl	10.583	10.582	10.584	10.582	10.583						10.484 - 10.684	10.583

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12945

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/8	vr466658.d
Level 2	IC 460-91856/10	vr466660.d
Level 3	IC 460-91856/7	vr466657.d
Level 4	IC 460-91856/12	vr466662.d
Level 5	IC 460-91856/13	vr466663.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	8127.9 6110.1	7956.2	7361.2	6726.2	Ave		7256.30196				11.6		20.0			
PCB-1016 Peak 2	14676 10715	13474	12774	11648	Ave		12657.5096				12.2		20.0			
PCB-1016 Peak 3	8719.8 7358.1	8852.8	8407.8	7848.1	Ave		8237.30733				7.6		20.0			
PCB-1016 Peak 4	33251 23396	28994	27551	25170	Ave		27672.3284				13.7		20.0			
PCB-1016 Peak 5	12278 9446.3	11599	11024	10135	Ave		10896.5412				10.4		20.0			
PCB-1016 Peak 6	13614 10295	12586	12263	10764	Ave		11904.2683				11.4		20.0			
PCB-1016 Peak 7	11199 9211.0	11062	10694	9877.9	Ave		10408.7935				8.1		20.0			
PCB-1016 Peak 8	4677.5 4933.8	5434.4	5331.1	5109.4	Ave		5097.24007				6.0		20.0			
PCB-1260 Peak 1	20108 13187	17018	16950	14275	Ave		16307.6474				16.6		20.0			
PCB-1260 Peak 2	35363 23784	30709	30736	26246	Ave		29367.5832				15.3		20.0			
PCB-1260 Peak 3	29336 21852	27532	28240	24611	Ave		26314.1842				11.6		20.0			
PCB-1260 Peak 4	14691 11462	15200	14854	12461	Ave		13733.4370				12.1		20.0			
PCB-1260 Peak 5	14035 10643	13707	14038	12025	Ave		12889.5302				11.7		20.0			
PCB-1260 Peak 6	16371 14276	15959	17070	14914	Ave		15718.0544				7.1		20.0			
PCB-1260 Peak 7	10610 9308.0	10121	10840	9577.6	Ave		10091.1519				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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12945

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	7724.3 7095.2	7699.8	8504.6	7401.3	Ave		7685.03081				6.8		20.0			
DCB Decachlorobiphenyl	217440 175224	204704	200292	184201	Ave		196372.153				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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 01:32 Calibration End Date: 11/04/2011 03:07 Calibration ID: 12945

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/8	vr466658.d
Level 2	IC 460-91856/10	vr466660.d
Level 3	IC 460-91856/7	vr466657.d
Level 4	IC 460-91856/12	vr466662.d
Level 5	IC 460-91856/13	vr466663.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	812786	3978088	7361235	10089255	15275172	100	500	1000	1500	2500
PCB-1016 Peak 2	Ave	1467557	6737166	12774146	17472512	26787897	100	500	1000	1500	2500
PCB-1016 Peak 3	Ave	871978	4426408	8407756	11772163	18395190	100	500	1000	1500	2500
PCB-1016 Peak 4	Ave	3325144	14496990	27550519	37754533	58490036	100	500	1000	1500	2500
PCB-1016 Peak 5	Ave	1227796	5799653	11024407	15202111	23615731	100	500	1000	1500	2500
PCB-1016 Peak 6	Ave	1361370	6293057	12263148	16145570	25736665	100	500	1000	1500	2500
PCB-1016 Peak 7	Ave	1119927	5530978	10693826	14816894	23027466	100	500	1000	1500	2500
PCB-1016 Peak 8	Ave	467748	2717196	5331137	7664156	12334385	100	500	1000	1500	2500
PCB-1260 Peak 1	Ave	2010831	8508825	16950269	21412000	32968353	100	500	1000	1500	2500
PCB-1260 Peak 2	Ave	3536330	15354654	30735532	39369318	59458910	100	500	1000	1500	2500
PCB-1260 Peak 3	Ave	2933569	13765861	28240429	36917011	54629348	100	500	1000	1500	2500
PCB-1260 Peak 4	Ave	1469070	7600085	14853533	18691873	28653833	100	500	1000	1500	2500
PCB-1260 Peak 5	Ave	1403506	6853736	14038047	18036848	26606267	100	500	1000	1500	2500
PCB-1260 Peak 6	Ave	1637129	7979600	17069865	22371045	35689718	100	500	1000	1500	2500
PCB-1260 Peak 7	Ave	1060989	5060319	10839626	14366405	23270006	100	500	1000	1500	2500
PCB-1260 Peak 8	Ave	772433	3849883	8504633	11101897	17737901	100	500	1000	1500	2500
DCB Decachlorobiphenyl	Ave	5436003	10235177	20029188	27630126	35044877	25.0	50.0	100	150	200

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466657.d
Lab Smp Id: IC-SG1660L3_00013
Inj Date : 04-NOV-2011 01:32
Operator : 615
Smp Info : IC-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 4
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.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		
2.032	2.032	0.000	7361235 1000.00	1000	80.00- 120.00	100.00(M)
2.470	2.470	0.000	12774146 1000.00	1000	140.30- 210.44	173.53
2.717	2.717	0.000	8407756 1000.00	1000	96.34- 144.51	114.22
3.068	3.068	0.000	27550519 1000.00	1000	306.33- 459.49	374.26
3.260	3.260	0.000	11024407 1000.00	1000	123.68- 185.52	149.76
3.601	3.601	0.000	12263148 1000.00	1000	134.79- 202.18	166.59
3.962	3.962	0.000	10693826 1000.00	1000	120.60- 180.90	145.27
4.109	4.109	0.000	5331137 1000.00	1000	64.60- 96.90	72.42
Average of Peak Amounts =				1.02e+03		
27 Aroclor-1260				CAS #: 11096-82-5		
5.995	5.995	0.000	16950269 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)									
6.446	6.446	0.000	30735532	1000.00	1000	144.28-	216.42	181.33	
6.885	6.885	0.000	28240429	1000.00	1100	132.56-	198.84	166.61	
7.082	7.082	0.000	14853533	1000.00	1100	69.53-	104.30	87.63	
7.509	7.509	0.000	14038047	1000.00	1100	64.56-	96.84	82.82	
8.767	8.767	0.000	17069865	1000.00	1100	86.60-	129.91	100.71	
8.984	8.984	0.000	10839626	1000.00	1100	56.47-	84.70	63.95	
10.090	10.090	0.000	8504633	1000.00	1100	43.04-	64.56	50.17	
Average of Peak Amounts =					1.07e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.584	10.584	0.000	20029188	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466657.d

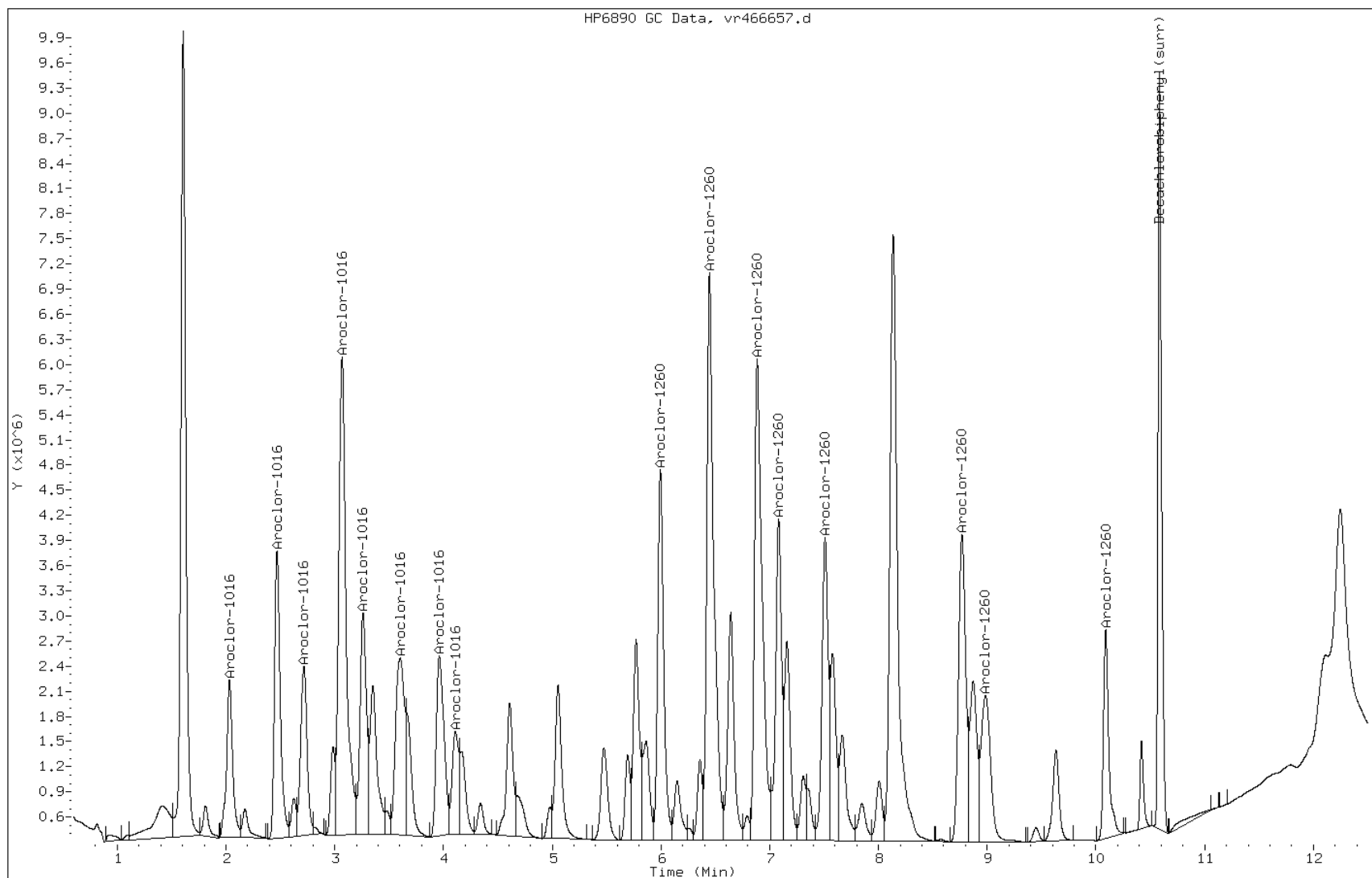
Date: 04-NOV-2011 01:32

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L3_00013

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466658.d
Lab Smp Id: IC-SG1660L1_00010
Inj Date : 04-NOV-2011 01:48
Operator : 615
Smp Info : IC-SG1660L1_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 5
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.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				
2.032	2.032	0.000	812786	100.000	110	80.00-	120.00	100.00(M)	
2.467	2.470	-0.003	1467557	100.000	120	140.30-	210.44	180.56	
2.715	2.717	-0.002	871978	100.000	100	96.34-	144.51	107.28	
3.069	3.068	0.001	3325144	100.000	120	306.33-	459.49	409.10	
3.259	3.260	-0.001	1227796	100.000	110	123.68-	185.52	151.06	
3.601	3.601	0.000	1361370	100.000	110	134.79-	202.18	167.49	
3.958	3.962	-0.004	1119927	100.000	110	120.60-	180.90	137.79	
4.106	4.109	-0.003	467748	100.000	92	64.60-	96.90	57.55	
Average of Peak Amounts =					110				

27 Aroclor-1260					CAS #: 11096-82-5				
5.993	5.995	-0.002	2010831	100.000	120	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)									
6.444	6.446	-0.002	3536330	100.000	120	144.28-	216.42	175.86	
6.884	6.885	-0.001	2933569	100.000	110	132.56-	198.84	145.89	
7.079	7.082	-0.003	1469070	100.000	110	69.53-	104.30	73.06	
7.505	7.509	-0.004	1403506	100.000	110	64.56-	96.84	69.80	
8.764	8.767	-0.003	1637129	100.000	100	86.60-	129.91	81.42	
8.978	8.984	-0.006	1060989	100.000	100	56.47-	84.70	52.76	
10.088	10.090	-0.002	772433	100.000	100	43.04-	64.56	38.41	
Average of Peak Amounts =					110				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.583	10.584	-0.001	5436003	25.0000	28	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Manual Integration Report

Data File: vr466658.d
Inj. Date and Time: 04-NOV-2011 01:48
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/04/2011

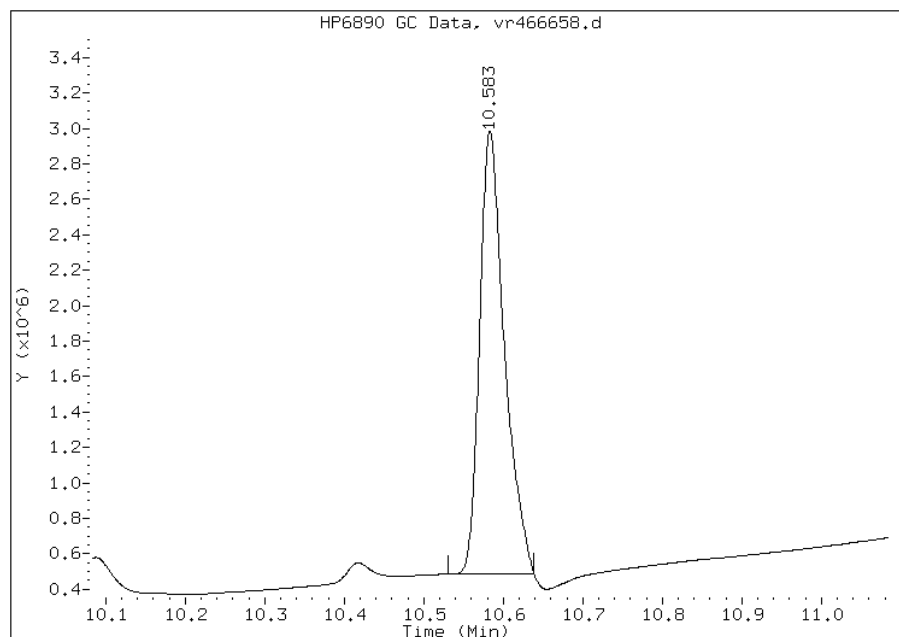
Processing Integration Results

Not Detected

Expected RT: 10.58

Manual Integration Results

RT: 10.58
Response: 5436003
Amount: 27.68
Conc: 27.68



Manually Integrated By: shanthi
Manual Integration Reason:

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466660.d
Lab Smp Id: IC-SG1660L2_00010
Inj Date : 04-NOV-2011 02:19
Operator : 615
Smp Info : IC-SG1660L2_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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 RESPONSE (ug/L)	ON-COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.031	2.032	-0.001	3978088 500.000	550 80.00- 120.00	100.00(M)	
2.467	2.470	-0.003	6737166 500.000	530 140.30- 210.44	169.36	
2.715	2.717	-0.002	4426408 500.000	540 96.34- 144.51	111.27	
3.067	3.068	-0.001	14496990 500.000	520 306.33- 459.49	364.42	
3.258	3.260	-0.002	5799653 500.000	530 123.68- 185.52	145.79	
3.599	3.601	-0.002	6293057 500.000	530 134.79- 202.18	158.19	
3.958	3.962	-0.004	5530978 500.000	530 120.60- 180.90	139.04	
4.106	4.109	-0.003	2717196 500.000	530 64.60- 96.90	68.30	
Average of Peak Amounts =			533			
27 Aroclor-1260			CAS #: 11096-82-5			
5.991	5.995	-0.004	8508825 500.000	520 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)									
6.443	6.446	-0.003	15354654	500.000	520	144.28-	216.42	180.46	
6.882	6.885	-0.003	13765861	500.000	520	132.56-	198.84	161.78	
7.078	7.082	-0.004	7600085	500.000	550	69.53-	104.30	89.32	
7.503	7.509	-0.006	6853736	500.000	530	64.56-	96.84	80.55	
8.761	8.767	-0.006	7979600	500.000	510	86.60-	129.91	93.78	
8.977	8.984	-0.007	5060319	500.000	500	56.47-	84.70	59.47	
10.086	10.090	-0.004	3849883	500.000	500	43.04-	64.56	45.25	
Average of Peak Amounts =					520				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.582	10.584	-0.002	10235177	50.0000	52	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466660.d

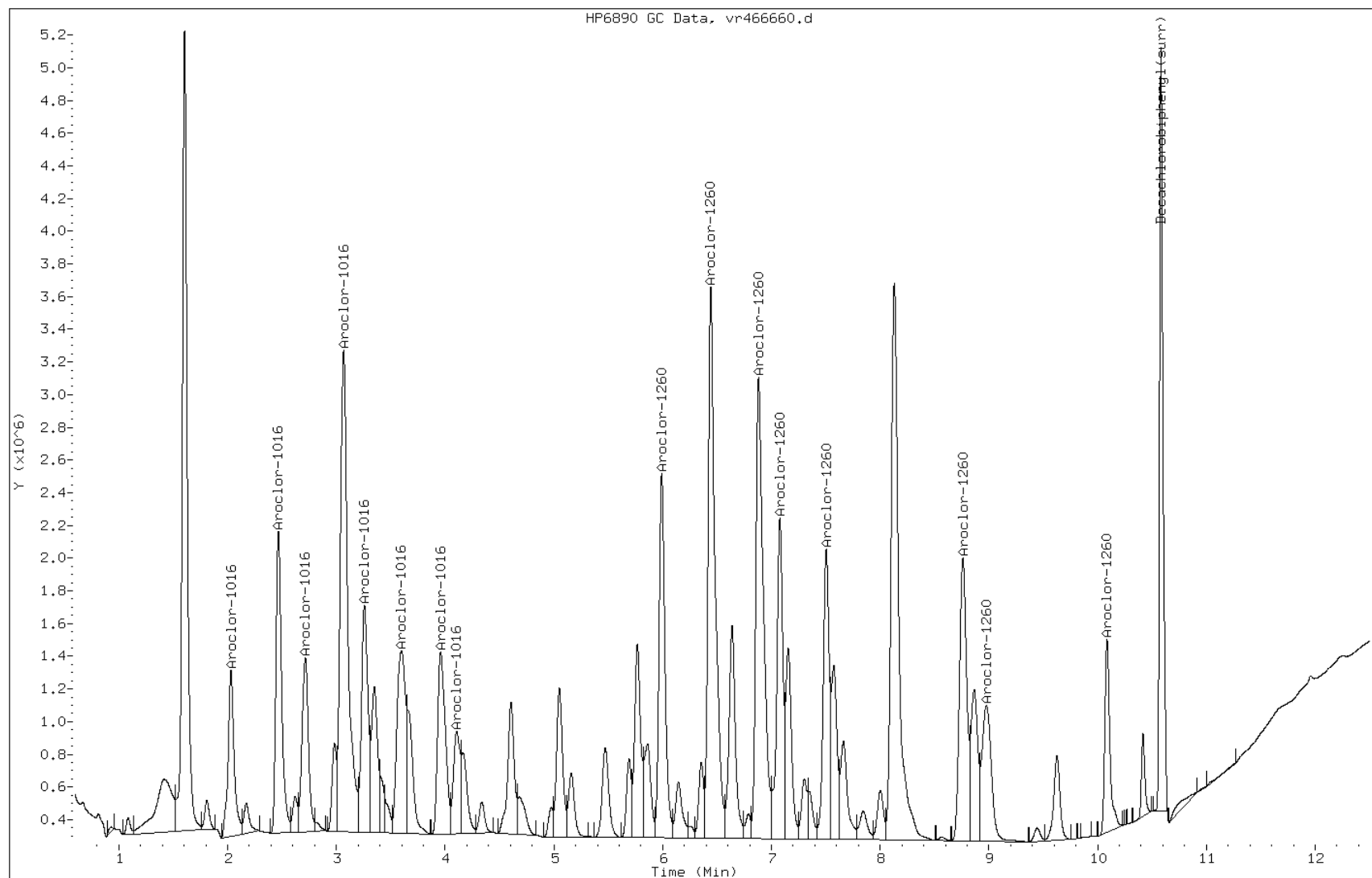
Date: 04-NOV-2011 02:19

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L2_00010

Operator: 615



Manual Integration Report

Data File: vr466660.d
Inj. Date and Time: 04-NOV-2011 02:19
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/04/2011

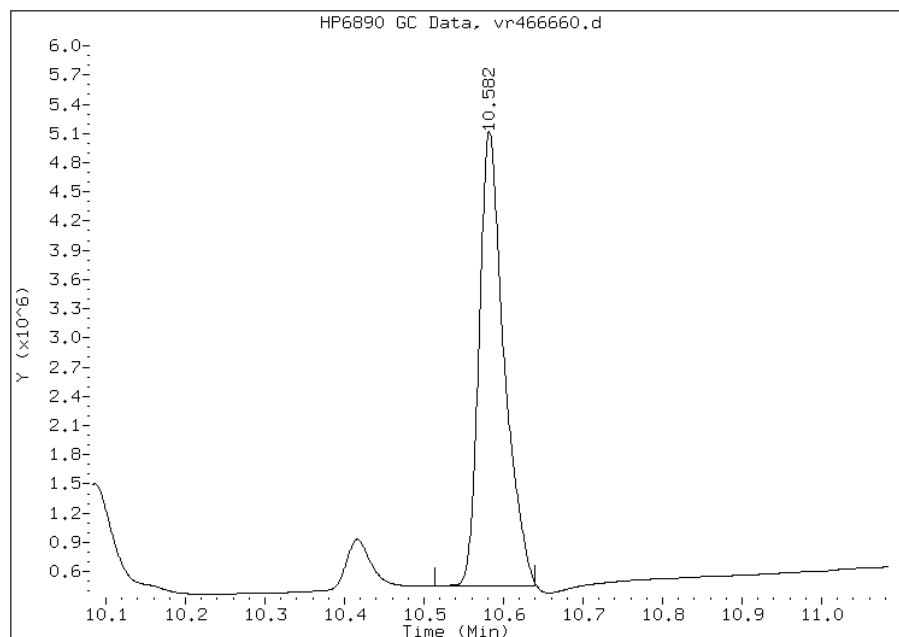
Processing Integration Results

Not Detected

Expected RT: 10.58

Manual Integration Results

RT: 10.58
Response: 10235177
Amount: 52.12
Conc: 52.12



Manually Integrated By: shanthi
Manual Integration Reason:

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466662.d
Lab Smp Id: IC-SG1660L4_00010
Inj Date : 04-NOV-2011 02:51
Operator : 615
Smp Info : IC-SG1660L4_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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				
2.031	2.032	-0.001	10089255	1500.00	1400	80.00-	120.00	100.00(M)	
2.467	2.470	-0.003	17472512	1500.00	1400	140.30-	210.44	173.18	
2.714	2.717	-0.003	11772163	1500.00	1400	96.34-	144.51	116.68	
3.065	3.068	-0.003	37754533	1500.00	1400	306.33-	459.49	374.21	
3.256	3.260	-0.004	15202111	1500.00	1400	123.68-	185.52	150.68	
3.597	3.601	-0.004	16145570	1500.00	1400	134.79-	202.18	160.03	
3.958	3.962	-0.004	14816894	1500.00	1400	120.60-	180.90	146.86	
4.106	4.109	-0.003	7664156	1500.00	1500	64.60-	96.90	75.96	
Average of Peak Amounts =					1.41e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
5.991	5.995	-0.004	21412000	1500.00	1300	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)									
6.442	6.446	-0.004	39369318	1500.00	1300	144.28-	216.42	183.87	
6.881	6.885	-0.004	36917011	1500.00	1400	132.56-	198.84	172.41	
7.078	7.082	-0.004	18691873	1500.00	1400	69.53-	104.30	87.30	
7.504	7.509	-0.005	18036848	1500.00	1400	64.56-	96.84	84.24	
8.762	8.767	-0.005	22371045	1500.00	1400	86.60-	129.91	104.48	
8.978	8.984	-0.006	14366405	1500.00	1400	56.47-	84.70	67.10	
10.087	10.090	-0.003	11101897	1500.00	1400	43.04-	64.56	51.85	
Average of Peak Amounts =					1.39e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.582	10.584	-0.002	27630126	150.000	140	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466662.d

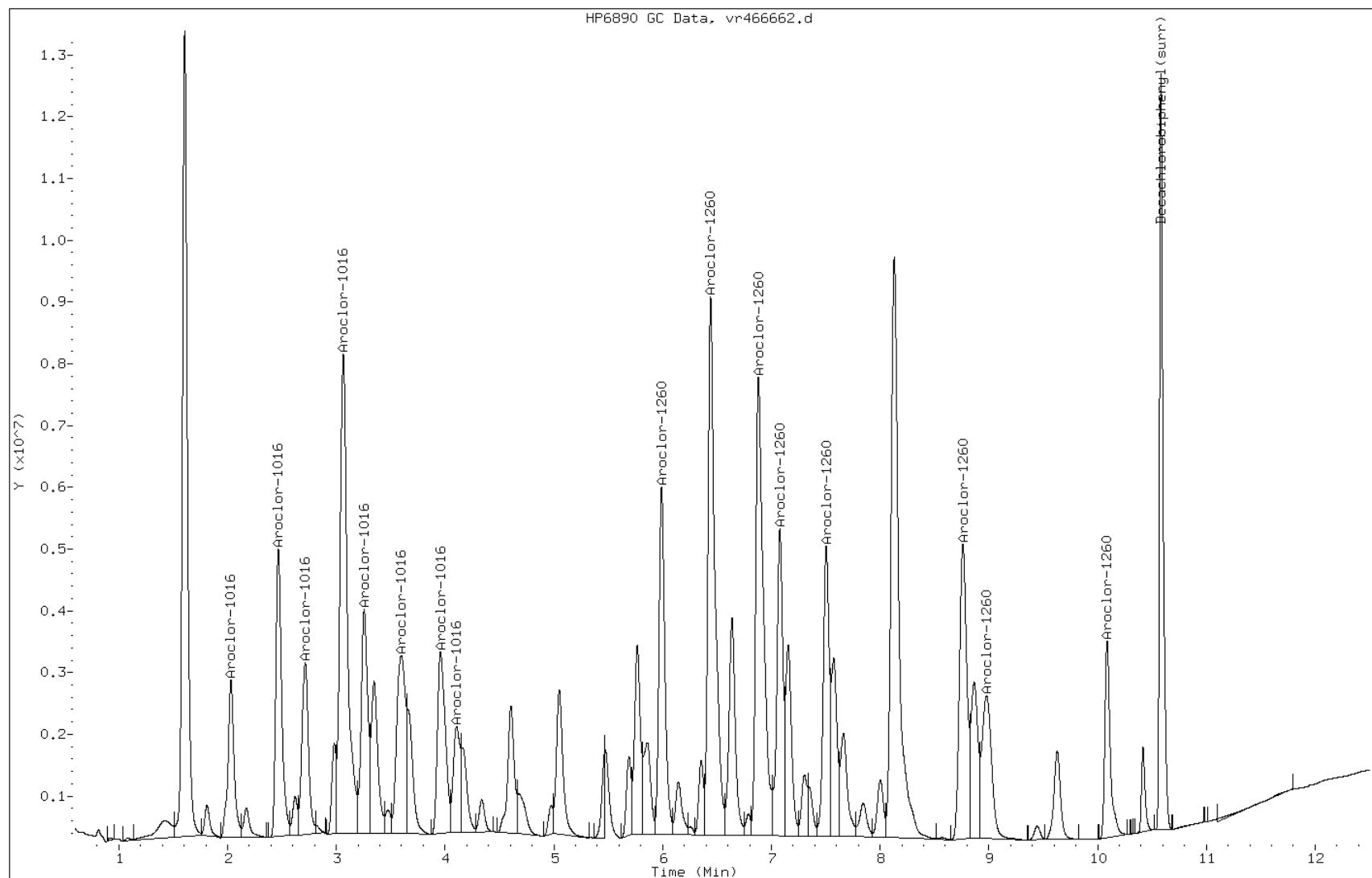
Date: 04-NOV-2011 02:51

Client ID:

Instrument: PESTGC9.i

Sample Info: IC-SG1660L4_00010

Operator: 615



TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466663.d
Lab Smp Id: IC-SG1660L5_00010
Inj Date : 04-NOV-2011 03:07
Operator : 615
Smp Info : IC-SG1660L5_00010
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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				
2.026	2.032	-0.006	15275172	2500.00	2100	80.00-	120.00	100.00(M)	
2.464	2.470	-0.006	26787897	2500.00	2100	140.30-	210.44	175.37	
2.711	2.717	-0.006	18395190	2500.00	2200	96.34-	144.51	120.43	
3.061	3.068	-0.007	58490036	2500.00	2100	306.33-	459.49	382.91	
3.252	3.260	-0.008	23615731	2500.00	2200	123.68-	185.52	154.60	
3.594	3.601	-0.007	25736665	2500.00	2200	134.79-	202.18	168.49	
3.954	3.962	-0.008	23027466	2500.00	2200	120.60-	180.90	150.75	
4.103	4.109	-0.006	12334385	2500.00	2400	64.60-	96.90	80.75	
Average of Peak Amounts =					2.19e+03				

27 Aroclor-1260					CAS #: 11096-82-5				
5.989	5.995	-0.006	32968353	2500.00	2000	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)									
6.441	6.446	-0.005	59458910	2500.00	2000	144.28-	216.42	180.35	
6.880	6.885	-0.005	54629348	2500.00	2100	132.56-	198.84	165.70	
7.078	7.082	-0.004	28653833	2500.00	2100	69.53-	104.30	86.91	
7.504	7.509	-0.005	26606267	2500.00	2100	64.56-	96.84	80.70	
8.762	8.767	-0.005	35689718	2500.00	2300	86.60-	129.91	108.25	
8.979	8.984	-0.005	23270006	2500.00	2300	56.47-	84.70	70.58	
10.088	10.090	-0.002	17737901	2500.00	2300	43.04-	64.56	53.80	
Average of Peak Amounts =					2.14e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.583	10.584	-0.001	35044877	200.000	180	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466663.d

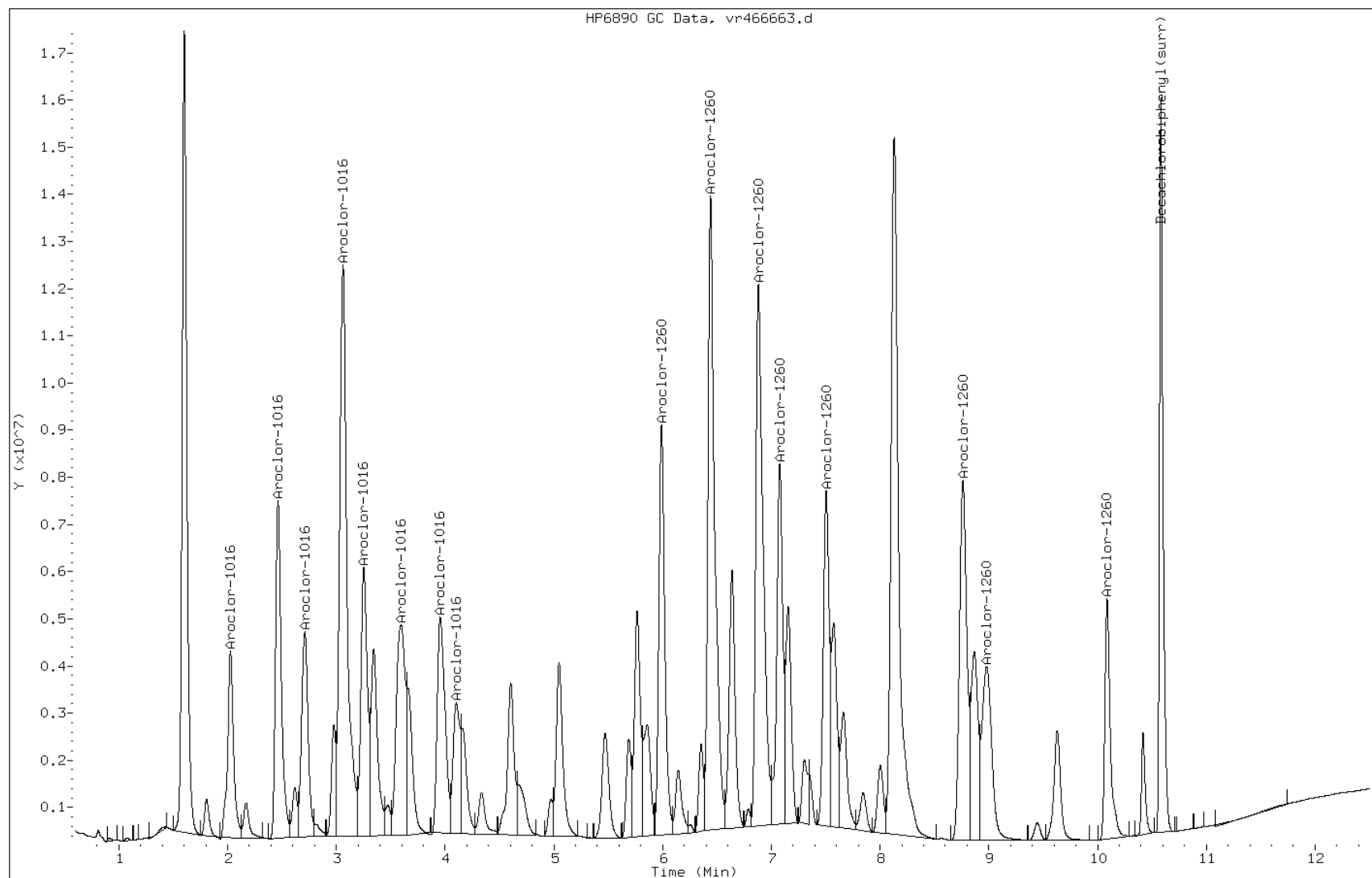
Date: 04-NOV-2011 03:07

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:22 Calibration End Date: 11/04/2011 03:22 Calibration ID: 12938

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/14	vf466664.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.617										1.547 - 1.687	1.617
PCB-1221 Peak 2	2.085										2.015 - 2.155	2.085
PCB-1221 Peak 3	2.619										2.549 - 2.689	2.619
PCB-1221 Peak 4	2.819										2.749 - 2.889	2.819
PCB-1221 Peak 5	2.906										2.836 - 2.976	2.906
PCB-1221 Peak 6	3.564										3.494 - 3.634	3.564
PCB-1221 Peak 7	3.677										3.607 - 3.747	3.677
PCB-1221 Peak 8	4.417										4.347 - 4.487	4.417

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:22 Calibration End Date: 11/04/2011 03:22 Calibration ID: 12938

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/14	vf466664.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	2173.5				Ave		2173.52200						20.0			
PCB-1221 Peak 2	620.81				Ave		620.811000						20.0			
PCB-1221 Peak 3	2118.5				Ave		2118.47800						20.0			
PCB-1221 Peak 4	1456.3				Ave		1456.31700						20.0			
PCB-1221 Peak 5	5484.7				Ave		5484.73000						20.0			
PCB-1221 Peak 6	1014.3				Ave		1014.34000						20.0			
PCB-1221 Peak 7	927.02				Ave		927.017000						20.0			
PCB-1221 Peak 8	892.46				Ave		892.456000						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:22 Calibration End Date: 11/04/2011 03:22 Calibration ID: 12938

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/14	vf466664.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	2173522					1000				
PCB-1221 Peak 2	Ave	620811					1000				
PCB-1221 Peak 3	Ave	2118478					1000				
PCB-1221 Peak 4	Ave	1456317					1000				
PCB-1221 Peak 5	Ave	5484730					1000				
PCB-1221 Peak 6	Ave	1014340					1000				
PCB-1221 Peak 7	Ave	927017					1000				
PCB-1221 Peak 8	Ave	892456					1000				

Curve Type Legend:

Ave = Average

Data File: vf466664.d
Report Date: 04-Nov-2011 08:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466664.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 04-NOV-2011 03:22
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:01 shanthi
Cal Date : 24-OCT-2011 03:13
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: vf466058.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				
1.617	1.617	0.000	2173522	1000.00	1000	80.00-	120.00	100.00(M)	
2.085	2.085	0.000	620811	1000.00	1000	22.85-	34.27	28.56	
2.619	2.619	0.000	2118478	1000.00	1000	77.97-	116.96	97.47	
2.819	2.819	0.000	1456317	1000.00	1000	53.60-	80.40	67.00	
2.906	2.906	0.000	5484730	1000.00	1000	201.87-	302.81	252.34	
3.564	3.564	0.000	1014340	1000.00	1000	37.33-	56.00	46.67	
3.677	3.677	0.000	927017	1000.00	1000	34.12-	51.18	42.65	
4.417	4.417	0.000	892456	1000.00	1000	32.85-	49.27	41.06	
Average of Peak Amounts =					1e+03				

Data File: vf466664.d
Report Date: 04-Nov-2011 08:01

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466664.d

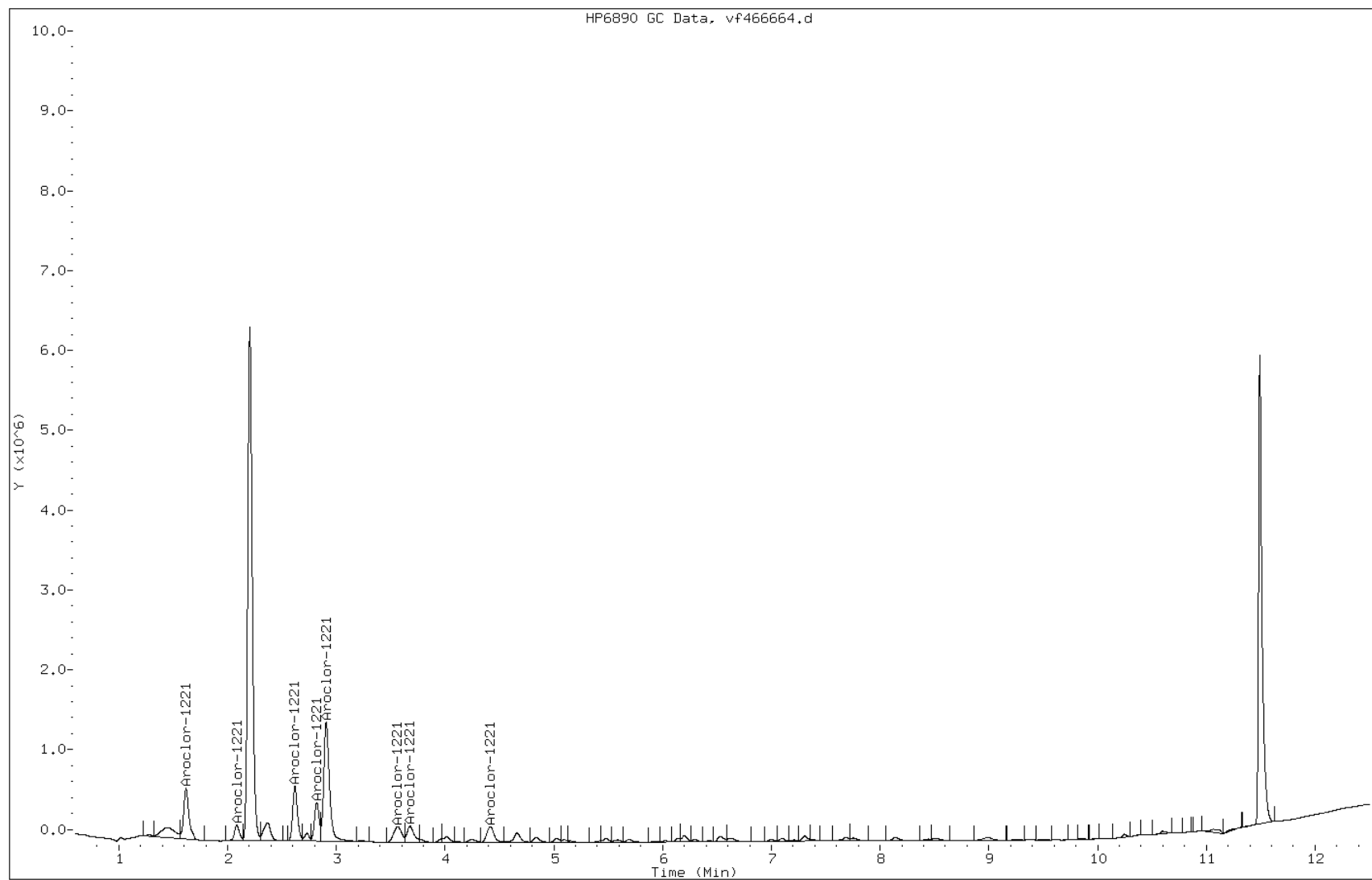
Date: 04-NOV-2011 03:22

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:22 Calibration End Date: 11/04/2011 03:22 Calibration ID: 12946

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/14	vr466664.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1221 Peak 1	1.074										1.004 - 1.144	1.074
PCB-1221 Peak 2	1.464										1.394 - 1.534	1.464
PCB-1221 Peak 3	1.808										1.738 - 1.878	1.808
PCB-1221 Peak 4	2.027										1.957 - 2.097	2.027
PCB-1221 Peak 5	2.466										2.396 - 2.536	2.466
PCB-1221 Peak 6	2.629										2.559 - 2.699	2.629
PCB-1221 Peak 7	3.069										2.999 - 3.139	3.069
PCB-1221 Peak 8	3.256										3.186 - 3.326	3.256

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:22 Calibration End Date: 11/04/2011 03:22 Calibration ID: 12946

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/14	vr466664.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	2856.0				Ave		2856.03900						20.0			
PCB-1221 Peak 2	1766.8				Ave		1766.81100						20.0			
PCB-1221 Peak 3	3723.0				Ave		3723.03600						20.0			
PCB-1221 Peak 4	10240				Ave		10240.1420						20.0			
PCB-1221 Peak 5	867.22				Ave		867.215000						20.0			
PCB-1221 Peak 6	1371.6				Ave		1371.61100						20.0			
PCB-1221 Peak 7	1769.1				Ave		1769.09000						20.0			
PCB-1221 Peak 8	697.19				Ave		697.185000						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:22 Calibration End Date: 11/04/2011 03:22 Calibration ID: 12946

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/14	vr466664.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1221 Peak 1	Ave	2856039					1000				
PCB-1221 Peak 2	Ave	1766811					1000				
PCB-1221 Peak 3	Ave	3723036					1000				
PCB-1221 Peak 4	Ave	10240142					1000				
PCB-1221 Peak 5	Ave	867215					1000				
PCB-1221 Peak 6	Ave	1371611					1000				
PCB-1221 Peak 7	Ave	1769090					1000				
PCB-1221 Peak 8	Ave	697185					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466664.d
Lab Smp Id: IC-SG1221L3_00012
Inj Date : 04-NOV-2011 03:22
Operator : 615
Smp Info : IC-SG1221L3_00012
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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			
1.074	1.074	0.000	2856039	1000.00	1000	80.00-	120.00	100.00(M)
1.464	1.464	0.000	1766811	1000.00	1000	49.49-	74.23	61.86
1.808	1.808	0.000	3723036	1000.00	1000	104.29-	156.43	130.36
2.027	2.027	0.000	10240142	1000.00	1000	286.83-	430.25	358.54
2.466	2.466	0.000	867215	1000.00	1000	24.29-	36.44	30.36
2.629	2.629	0.000	1371611	1000.00	1000	38.42-	57.63	48.02
3.069	3.069	0.000	1769090	1000.00	1000	49.55-	74.33	61.94
3.256	3.256	0.000	697185	1000.00	1000	19.53-	29.29	24.41
Average of Peak Amounts =					1e+03			

Data File: vr466664.d
Report Date: 04-Nov-2011 08:01

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466664.d

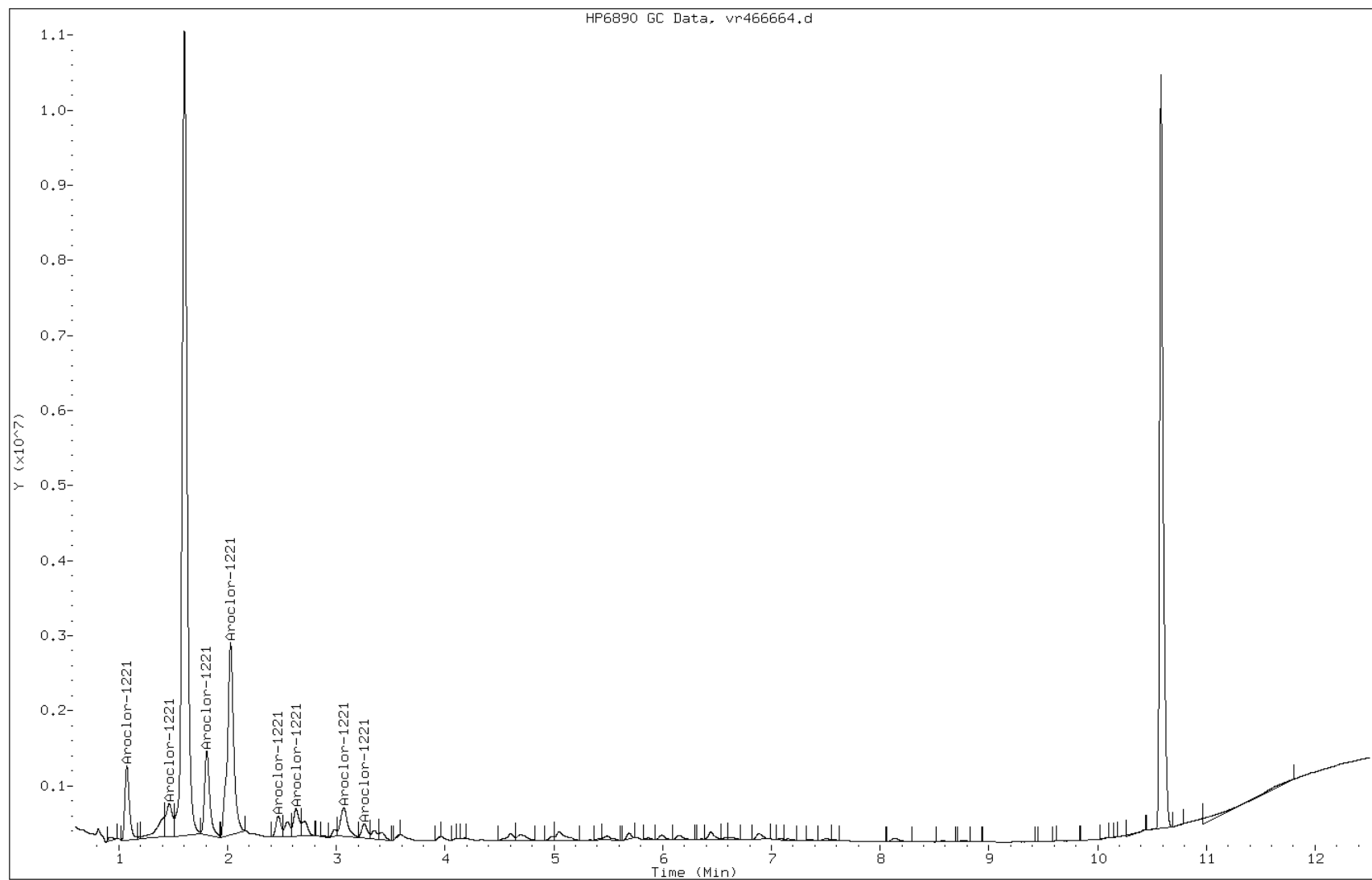
Date: 04-NOV-2011 03:22

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:38 Calibration End Date: 11/04/2011 03:38 Calibration ID: 12939

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/15	vf466665.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.906										2.836 - 2.976	2.906
PCB-1232 Peak 2	3.570										3.500 - 3.640	3.570
PCB-1232 Peak 3	4.014										3.944 - 4.084	4.014
PCB-1232 Peak 4	4.414										4.344 - 4.484	4.414
PCB-1232 Peak 5	4.658										4.588 - 4.728	4.658
PCB-1232 Peak 6	4.839										4.769 - 4.909	4.839
PCB-1232 Peak 7	5.482										5.412 - 5.552	5.482
PCB-1232 Peak 8	5.691										5.621 - 5.761	5.691

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:38 Calibration End Date: 11/04/2011 03:38 Calibration ID: 12939

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/15	vf466665.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	3711.3				Ave		3711.27800						20.0			
PCB-1232 Peak 2	3589.2				Ave		3589.21900						20.0			
PCB-1232 Peak 3	1559.0				Ave		1559.02000						20.0			
PCB-1232 Peak 4	6294.9				Ave		6294.86500						20.0			
PCB-1232 Peak 5	2922.7				Ave		2922.73800						20.0			
PCB-1232 Peak 6	1999.4				Ave		1999.36300						20.0			
PCB-1232 Peak 7	2346.6				Ave		2346.62700						20.0			
PCB-1232 Peak 8	2554.5				Ave		2554.45800						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:38 Calibration End Date: 11/04/2011 03:38 Calibration ID: 12939

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/15	vf466665.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	3711278					1000				
PCB-1232 Peak 2	Ave	3589219					1000				
PCB-1232 Peak 3	Ave	1559020					1000				
PCB-1232 Peak 4	Ave	6294865					1000				
PCB-1232 Peak 5	Ave	2922738					1000				
PCB-1232 Peak 6	Ave	1999363					1000				
PCB-1232 Peak 7	Ave	2346627					1000				
PCB-1232 Peak 8	Ave	2554458					1000				

Curve Type Legend:

Ave = Average

Data File: vf466665.d
Report Date: 04-Nov-2011 08:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466665.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 04-NOV-2011 03:38
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:01 shanthi
Cal Date : 24-OCT-2011 03:13
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466058.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					
			CAL - AMT		ON - COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
23 Aroclor-1232					CAS #: 11141-16-5			
2.906	2.906	0.000	3711278	1000.00	1000	80.00-	120.00	100.00(M)
3.570	3.570	0.000	3589219	1000.00	1000	77.37-	116.05	96.71
4.014	4.014	0.000	1559020	1000.00	1000	33.61-	50.41	42.01
4.414	4.414	0.000	6294865	1000.00	1000	135.69-	203.54	169.61
4.658	4.658	0.000	2922738	1000.00	1000	63.00-	94.50	78.75
4.839	4.839	0.000	1999363	1000.00	1000	43.10-	64.65	53.87
5.482	5.482	0.000	2346627	1000.00	1000	50.58-	75.88	63.23
5.691	5.691	0.000	2554458	1000.00	1000	55.06-	82.60	68.83
Average of Peak Amounts =					1e+03			

Data File: vf466665.d
Report Date: 04-Nov-2011 08:01

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466665.d

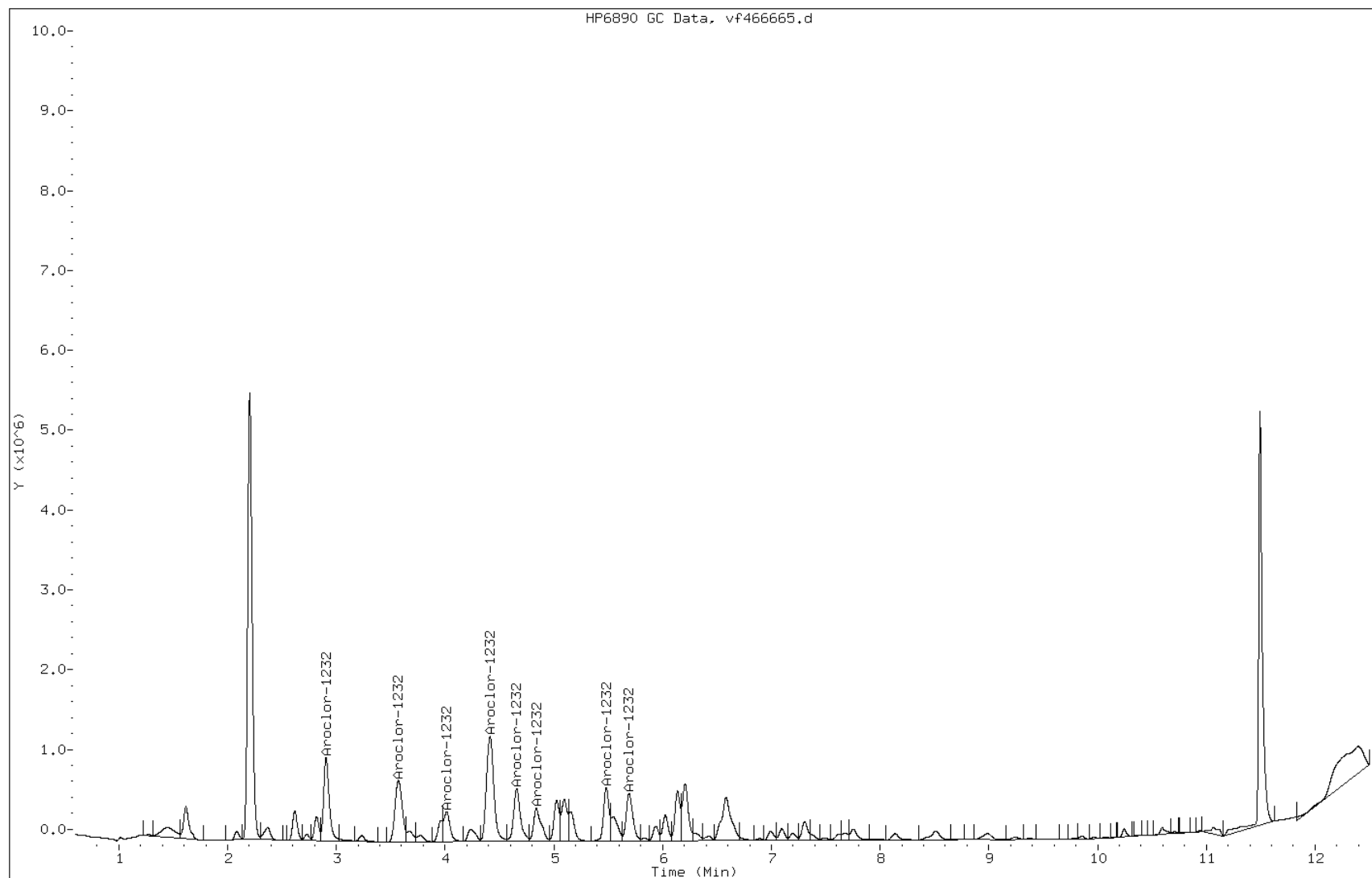
Date: 04-NOV-2011 03:38

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:38 Calibration End Date: 11/04/2011 03:38 Calibration ID: 12947

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/15	vr466665.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1232 Peak 1	2.027										1.957 - 2.097	2.027
PCB-1232 Peak 2	2.464										2.394 - 2.534	2.464
PCB-1232 Peak 3	2.712										2.642 - 2.782	2.712
PCB-1232 Peak 4	3.065										2.995 - 3.135	3.065
PCB-1232 Peak 5	3.256										3.186 - 3.326	3.256
PCB-1232 Peak 6	3.593										3.523 - 3.663	3.593
PCB-1232 Peak 7	3.956										3.886 - 4.026	3.956
PCB-1232 Peak 8	4.103										4.033 - 4.173	4.103

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:38 Calibration End Date: 11/04/2011 03:38 Calibration ID: 12947

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/15	vr466665.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	7233.2				Ave		7233.22500						20.0			
PCB-1232 Peak 2	5687.7				Ave		5687.67000						20.0			
PCB-1232 Peak 3	3511.4				Ave		3511.36000						20.0			
PCB-1232 Peak 4	12127				Ave		12126.9060						20.0			
PCB-1232 Peak 5	4738.0				Ave		4737.99500						20.0			
PCB-1232 Peak 6	5081.4				Ave		5081.40600						20.0			
PCB-1232 Peak 7	5065.1				Ave		5065.13000						20.0			
PCB-1232 Peak 8	2592.7				Ave		2592.66300						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:38 Calibration End Date: 11/04/2011 03:38 Calibration ID: 12947

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/15	vr466665.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1232 Peak 1	Ave	7233225					1000				
PCB-1232 Peak 2	Ave	5687670					1000				
PCB-1232 Peak 3	Ave	3511360					1000				
PCB-1232 Peak 4	Ave	12126906					1000				
PCB-1232 Peak 5	Ave	4737995					1000				
PCB-1232 Peak 6	Ave	5081406					1000				
PCB-1232 Peak 7	Ave	5065130					1000				
PCB-1232 Peak 8	Ave	2592663					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466665.d
Lab Smp Id: IC-SG1232L3_00011
Inj Date : 04-NOV-2011 03:38
Operator : 615
Smp Info : IC-SG1232L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.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									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
23 Aroclor-1232					CAS #: 11141-16-5				
2.027	2.027	0.000	7233225	1000.00	1000	80.00-	120.00	100.00(M)	
2.464	2.464	0.000	5687670	1000.00	1000	62.91-	94.36	78.63	
2.712	2.712	0.000	3511360	1000.00	1000	38.84-	58.25	48.54	
3.065	3.065	0.000	12126906	1000.00	1000	134.12-	201.19	167.66	
3.256	3.256	0.000	4737995	1000.00	1000	52.40-	78.60	65.50	
3.593	3.593	0.000	5081406	1000.00	1000	56.20-	84.30	70.25	
3.956	3.956	0.000	5065130	1000.00	1000	56.02-	84.03	70.03	
4.103	4.103	0.000	2592663	1000.00	1000	28.68-	43.01	35.84	
Average of Peak Amounts =					1e+03				

Data File: vr466665.d
Report Date: 04-Nov-2011 08:01

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466665.d

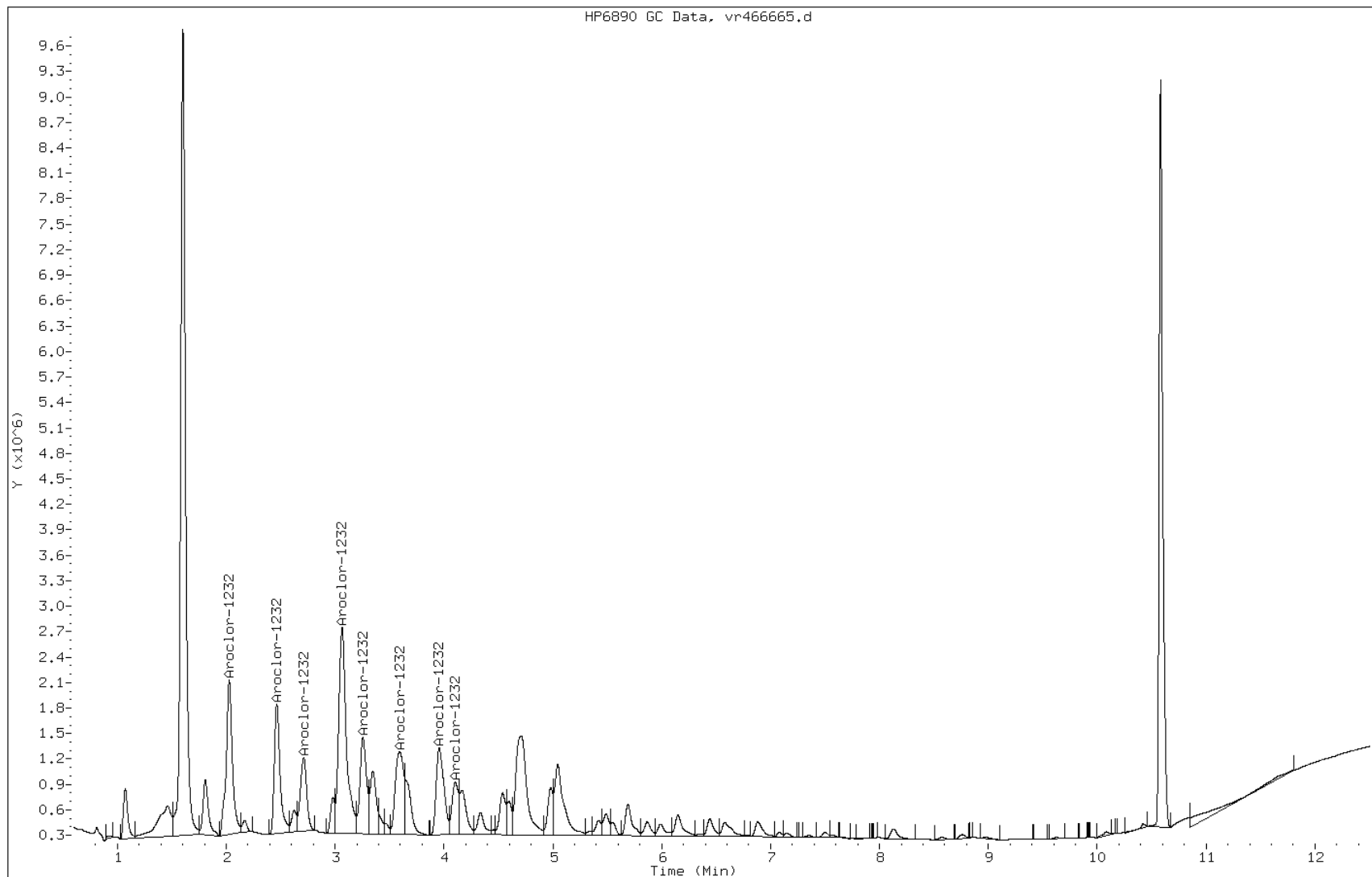
Date: 04-NOV-2011 03:38

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:54 Calibration End Date: 11/04/2011 03:54 Calibration ID: 12940

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/16	vf466666.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.908										2.838 - 2.978	2.908
PCB-1242 Peak 2	3.573										3.503 - 3.643	3.573
PCB-1242 Peak 3	4.016										3.946 - 4.086	4.016
PCB-1242 Peak 4	4.415										4.345 - 4.485	4.415
PCB-1242 Peak 5	4.660										4.590 - 4.730	4.660
PCB-1242 Peak 6	4.840										4.770 - 4.910	4.840
PCB-1242 Peak 7	5.692										5.622 - 5.762	5.692
PCB-1242 Peak 8	6.208										6.138 - 6.278	6.208

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:54 Calibration End Date: 11/04/2011 03:54 Calibration ID: 12940

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/16	vf466666.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	3336.1				Ave		3336.14900						20.0			
PCB-1242 Peak 2	6924.0				Ave		6924.02300						20.0			
PCB-1242 Peak 3	2951.1				Ave		2951.08800						20.0			
PCB-1242 Peak 4	12209				Ave		12208.6790						20.0			
PCB-1242 Peak 5	5581.5				Ave		5581.47700						20.0			
PCB-1242 Peak 6	3974.6				Ave		3974.60800						20.0			
PCB-1242 Peak 7	4843.4				Ave		4843.42900						20.0			
PCB-1242 Peak 8	4998.1				Ave		4998.11600						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:54 Calibration End Date: 11/04/2011 03:54 Calibration ID: 12940

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/16	vf466666.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	3336149					1000				
PCB-1242 Peak 2	Ave	6924023					1000				
PCB-1242 Peak 3	Ave	2951088					1000				
PCB-1242 Peak 4	Ave	12208679					1000				
PCB-1242 Peak 5	Ave	5581477					1000				
PCB-1242 Peak 6	Ave	3974608					1000				
PCB-1242 Peak 7	Ave	4843429					1000				
PCB-1242 Peak 8	Ave	4998116					1000				

Curve Type Legend:

Ave = Average

Data File: vf466666.d
 Report Date: 04-Nov-2011 08:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466666.d
 Lab Smp Id: IC-SG1242L3_00011
 Inj Date : 04-NOV-2011 03:54
 Operator : 615
 Smp Info : IC-SG1242L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
 Meth Date : 04-Nov-2011 08:01 shanthi
 Cal Date : 24-OCT-2011 03:13
 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: vf466058.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	RATIO
			RESPONSE	(ug/L)		
==	=====	=====	=====	=====	=====	=====
24 Aroclor-1242			CAS #: 53469-21-9			
2.908	2.908	0.000	3336149	1000.00	1000 80.00- 120.00	100.00(M)
3.573	3.573	0.000	6924023	1000.00	1000 166.04- 249.05	207.55
4.016	4.016	0.000	2951088	1000.00	1000 70.77- 106.15	88.46
4.415	4.415	0.000	12208679	1000.00	1000 292.76- 439.14	365.95
4.660	4.660	0.000	5581477	1000.00	1000 133.84- 200.76	167.30
4.840	4.840	0.000	3974608	1000.00	1000 95.31- 142.97	119.14
5.692	5.692	0.000	4843429	1000.00	1000 116.14- 174.22	145.18
6.208	6.208	0.000	4998116	1000.00	1000 119.85- 179.78	149.82
Average of Peak Amounts =			1e+03			

Data File: vf466666.d
Report Date: 04-Nov-2011 08:01

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466666.d

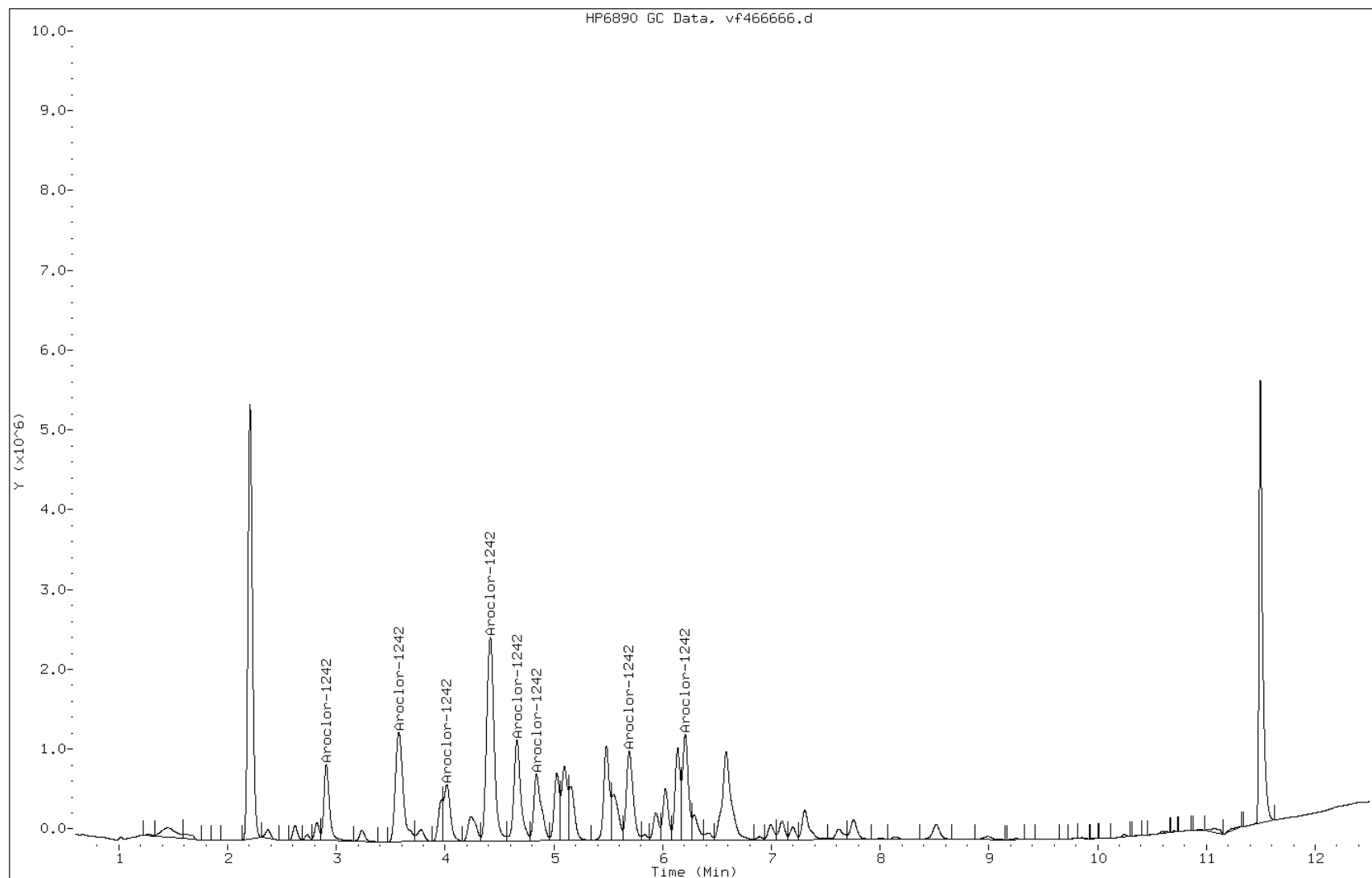
Date: 04-NOV-2011 03:54

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:54 Calibration End Date: 11/04/2011 03:54 Calibration ID: 12948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/16	vr466666.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1242 Peak 1	2.030										1.960 - 2.100	2.030
PCB-1242 Peak 2	2.467										2.397 - 2.537	2.467
PCB-1242 Peak 3	2.714										2.644 - 2.784	2.714
PCB-1242 Peak 4	3.066										2.996 - 3.136	3.066
PCB-1242 Peak 5	3.257										3.187 - 3.327	3.257
PCB-1242 Peak 6	3.599										3.529 - 3.669	3.599
PCB-1242 Peak 7	3.958										3.888 - 4.028	3.958
PCB-1242 Peak 8	5.045										4.975 - 5.115	5.045

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:54 Calibration End Date: 11/04/2011 03:54 Calibration ID: 12948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/16	vr466666.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	6764.4				Ave		6764.40900						20.0			
PCB-1242 Peak 2	10463				Ave		10463.1680						20.0			
PCB-1242 Peak 3	7021.1				Ave		7021.14300						20.0			
PCB-1242 Peak 4	22615				Ave		22615.0990						20.0			
PCB-1242 Peak 5	8993.4				Ave		8993.35400						20.0			
PCB-1242 Peak 6	9393.1				Ave		9393.11500						20.0			
PCB-1242 Peak 7	9011.8				Ave		9011.84900						20.0			
PCB-1242 Peak 8	5500.1				Ave		5500.07900						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 03:54 Calibration End Date: 11/04/2011 03:54 Calibration ID: 12948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/16	vr466666.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1242 Peak 1	Ave	6764409					1000				
PCB-1242 Peak 2	Ave	10463168					1000				
PCB-1242 Peak 3	Ave	7021143					1000				
PCB-1242 Peak 4	Ave	22615099					1000				
PCB-1242 Peak 5	Ave	8993354					1000				
PCB-1242 Peak 6	Ave	9393115					1000				
PCB-1242 Peak 7	Ave	9011849					1000				
PCB-1242 Peak 8	Ave	5500079					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466666.d
Lab Smp Id: IC-SG1242L3_00011
Inj Date : 04-NOV-2011 03:54
Operator : 615
Smp Info : IC-SG1242L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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			
2.030	2.030	0.000	6764409 1000.00	1000	80.00- 120.00	100.00(M)
2.467	2.467	0.000	10463168 1000.00	1000	123.74- 185.62	154.68
2.714	2.714	0.000	7021143 1000.00	1000	83.04- 124.55	103.80
3.066	3.066	0.000	22615099 1000.00	1000	267.46- 401.19	334.32
3.257	3.257	0.000	8993354 1000.00	1000	106.36- 159.54	132.95
3.599	3.599	0.000	9393115 1000.00	1000	111.09- 166.63	138.86
3.958	3.958	0.000	9011849 1000.00	1000	106.58- 159.87	133.22
5.045	5.045	0.000	5500079 1000.00	1000	65.05- 97.57	81.31
Average of Peak Amounts =			1e+03			

Data File: vr466666.d
Report Date: 04-Nov-2011 08:01

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466666.d

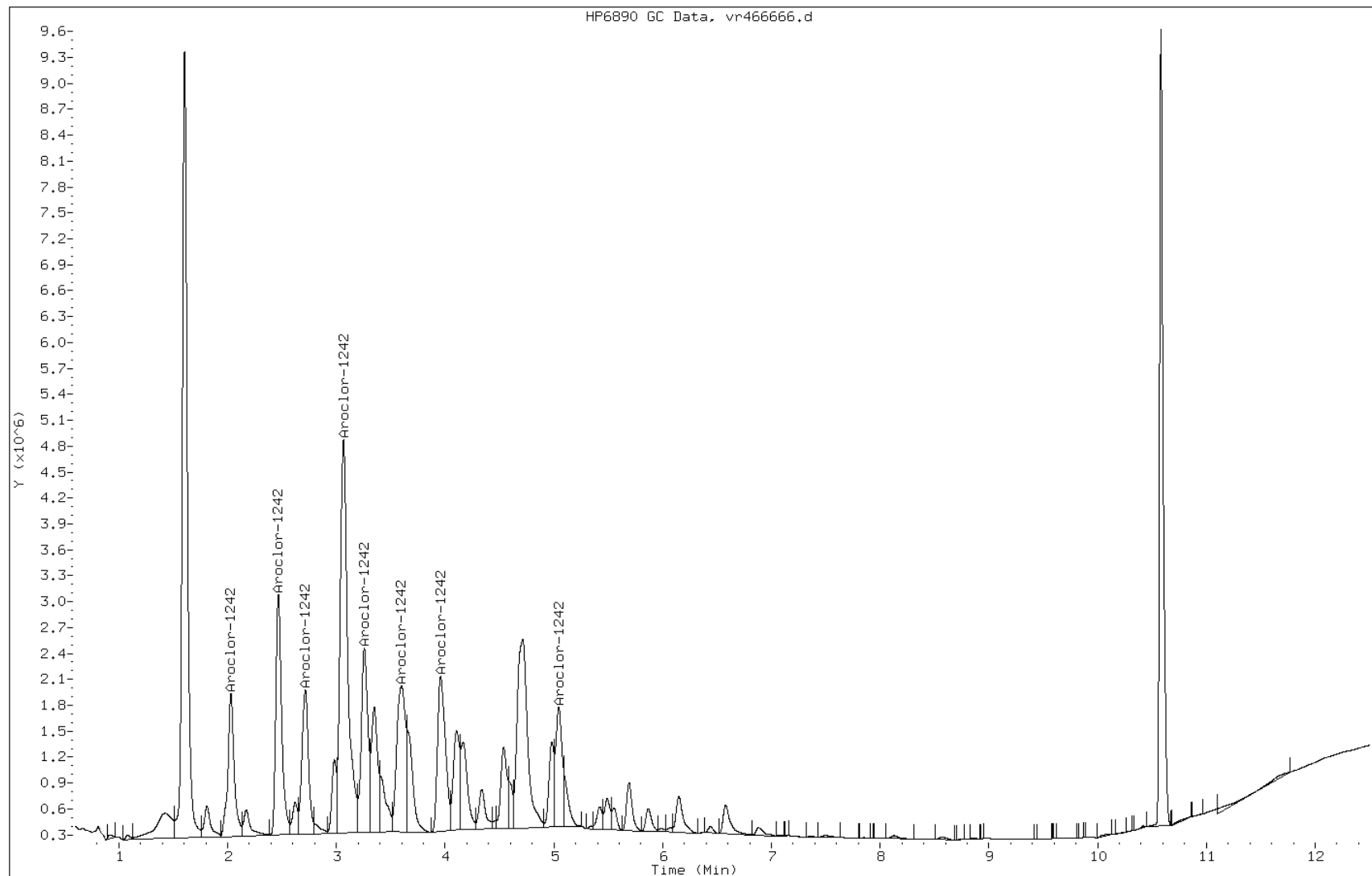
Date: 04-NOV-2011 03:54

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:10 Calibration End Date: 11/04/2011 04:10 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/17	vf466667.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	3.571										3.501 - 3.641	3.571
PCB-1248 Peak 2	4.414										4.344 - 4.484	4.414
PCB-1248 Peak 3	4.658										4.588 - 4.728	4.658
PCB-1248 Peak 4	5.029										4.959 - 5.099	5.029
PCB-1248 Peak 5	5.485										5.415 - 5.555	5.485
PCB-1248 Peak 6	5.694										5.624 - 5.764	5.694
PCB-1248 Peak 7	6.139										6.069 - 6.209	6.139
PCB-1248 Peak 8	6.586										6.516 - 6.656	6.586

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:10 Calibration End Date: 11/04/2011 04:10 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/17	vf466667.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	3351.1				Ave		3351.05500						20.0			
PCB-1248 Peak 2	7877.2				Ave		7877.20800						20.0			
PCB-1248 Peak 3	3490.5				Ave		3490.49200						20.0			
PCB-1248 Peak 4	5026.9				Ave		5026.88800						20.0			
PCB-1248 Peak 5	6641.2				Ave		6641.21200						20.0			
PCB-1248 Peak 6	7270.7				Ave		7270.68100						20.0			
PCB-1248 Peak 7	6731.8				Ave		6731.84900						20.0			
PCB-1248 Peak 8	7802.5				Ave		7802.46700						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:10 Calibration End Date: 11/04/2011 04:10 Calibration ID: 12941

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/17	vf466667.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	3351055					1000				
PCB-1248 Peak 2	Ave	7877208					1000				
PCB-1248 Peak 3	Ave	3490492					1000				
PCB-1248 Peak 4	Ave	5026888					1000				
PCB-1248 Peak 5	Ave	6641212					1000				
PCB-1248 Peak 6	Ave	7270681					1000				
PCB-1248 Peak 7	Ave	6731849					1000				
PCB-1248 Peak 8	Ave	7802467					1000				

Curve Type Legend:

Ave = Average

Data File: vf466667.d
Report Date: 04-Nov-2011 08:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466667.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 04-NOV-2011 04:10
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
Meth Date : 04-Nov-2011 08:01 shanthi
Cal Date : 24-OCT-2011 03:13
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: vf466058.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						
3.571	3.571	0.000	3351055	1000.00	1000	80.00-	120.00	100.00(M)	
4.414	4.414	0.000	7877208	1000.00	1000	188.05-	282.08	235.07	
4.658	4.658	0.000	3490492	1000.00	1000	83.33-	124.99	104.16	
5.029	5.029	0.000	5026888	1000.00	1000	120.01-	180.01	150.01	
5.485	5.485	0.000	6641212	1000.00	1000	158.55-	237.82	198.18	
5.694	5.694	0.000	7270681	1000.00	1000	173.57-	260.36	216.97	
6.139	6.139	0.000	6731849	1000.00	1000	160.71-	241.06	200.89	
6.586	6.586	0.000	7802467	1000.00	1000	186.27-	279.40	232.84	
Average of Peak Amounts =			1e+03						

Data File: vf466667.d
Report Date: 04-Nov-2011 08:01

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466667.d

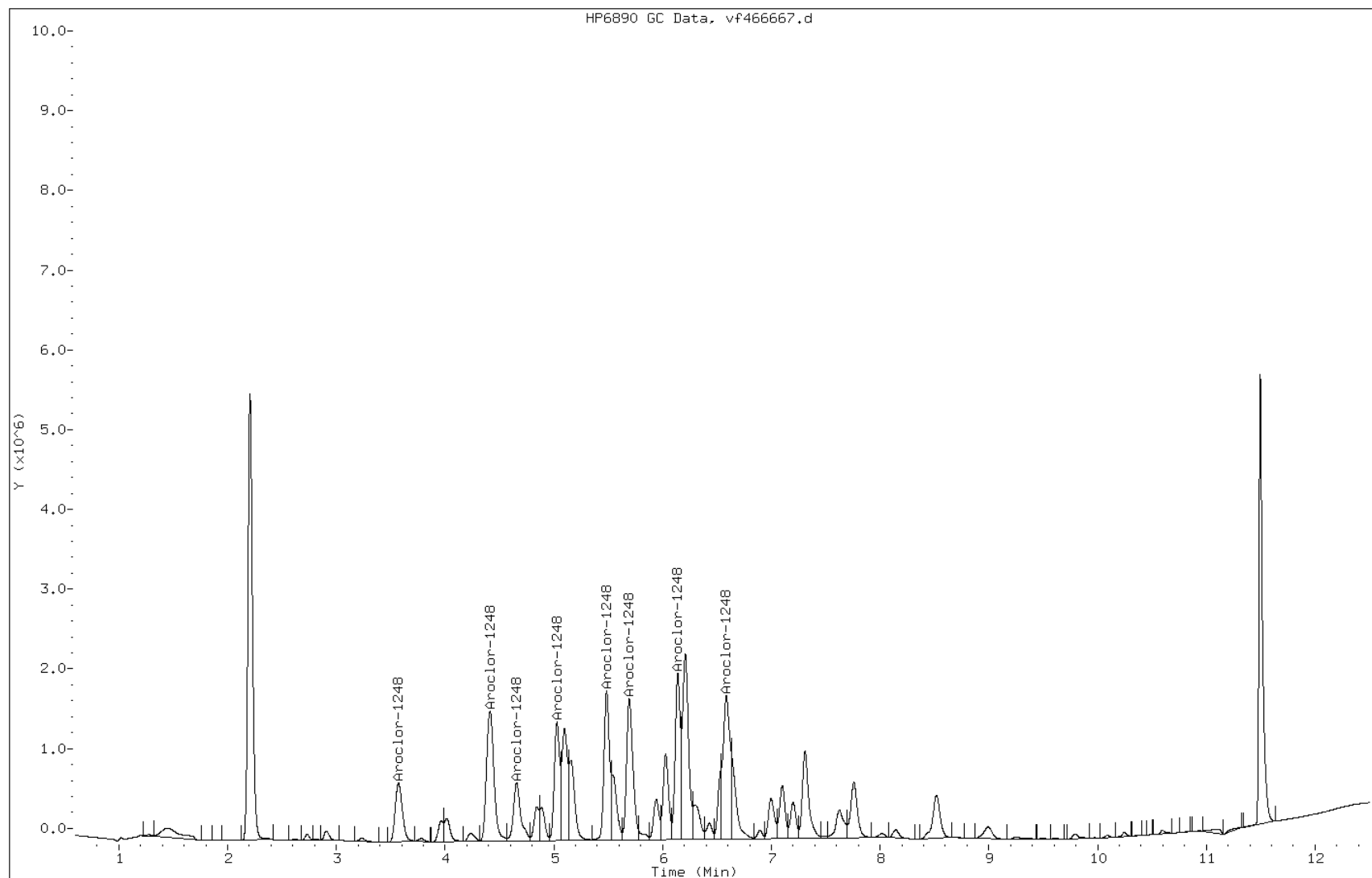
Date: 04-NOV-2011 04:10

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:10 Calibration End Date: 11/04/2011 04:10 Calibration ID: 12949

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/17	vr466667.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1248 Peak 1	2.464										2.394 - 2.534	2.464
PCB-1248 Peak 2	3.064										2.994 - 3.134	3.064
PCB-1248 Peak 3	3.265										3.195 - 3.335	3.265
PCB-1248 Peak 4	3.591										3.521 - 3.661	3.591
PCB-1248 Peak 5	3.957										3.887 - 4.027	3.957
PCB-1248 Peak 6	4.103										4.033 - 4.173	4.103
PCB-1248 Peak 7	4.538										4.468 - 4.608	4.538
PCB-1248 Peak 8	5.046										4.976 - 5.116	5.046

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:10 Calibration End Date: 11/04/2011 04:10 Calibration ID: 12949

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/17	vr466667.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	5244.2				Ave		5244.23300						20.0			
PCB-1248 Peak 2	13015				Ave		13015.3880						20.0			
PCB-1248 Peak 3	5747.5				Ave		5747.46900						20.0			
PCB-1248 Peak 4	14973				Ave		14973.1820						20.0			
PCB-1248 Peak 5	14439				Ave		14438.6190						20.0			
PCB-1248 Peak 6	8680.4				Ave		8680.42600						20.0			
PCB-1248 Peak 7	6389.5				Ave		6389.52500						20.0			
PCB-1248 Peak 8	10930				Ave		10930.1730						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:10 Calibration End Date: 11/04/2011 04:10 Calibration ID: 12949

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/17	vr466667.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1248 Peak 1	Ave	5244233					1000				
PCB-1248 Peak 2	Ave	13015388					1000				
PCB-1248 Peak 3	Ave	5747469					1000				
PCB-1248 Peak 4	Ave	14973182					1000				
PCB-1248 Peak 5	Ave	14438619					1000				
PCB-1248 Peak 6	Ave	8680426					1000				
PCB-1248 Peak 7	Ave	6389525					1000				
PCB-1248 Peak 8	Ave	10930173					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466667.d
Lab Smp Id: IC-SG1248L3_00011
Inj Date : 04-NOV-2011 04:10
Operator : 615
Smp Info : IC-SG1248L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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			
2.464	2.464	0.000	5244233	1000.00	1000 80.00- 120.00	100.00(M)
3.064	3.064	0.000	13015388	1000.00	1000 198.55- 297.82	248.18
3.265	3.265	0.000	5747469	1000.00	1000 87.68- 131.52	109.60
3.591	3.591	0.000	14973182	1000.00	1000 228.41- 342.62	285.52
3.957	3.957	0.000	14438619	1000.00	1000 220.26- 330.39	275.32
4.103	4.103	0.000	8680426	1000.00	1000 132.42- 198.63	165.52
4.538	4.538	0.000	6389525	1000.00	1000 97.47- 146.21	121.84
5.046	5.046	0.000	10930173	1000.00	1000 166.74- 250.11	208.42
Average of Peak Amounts =			1e+03			

Data File: vr466667.d
Report Date: 04-Nov-2011 08:01

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466667.d

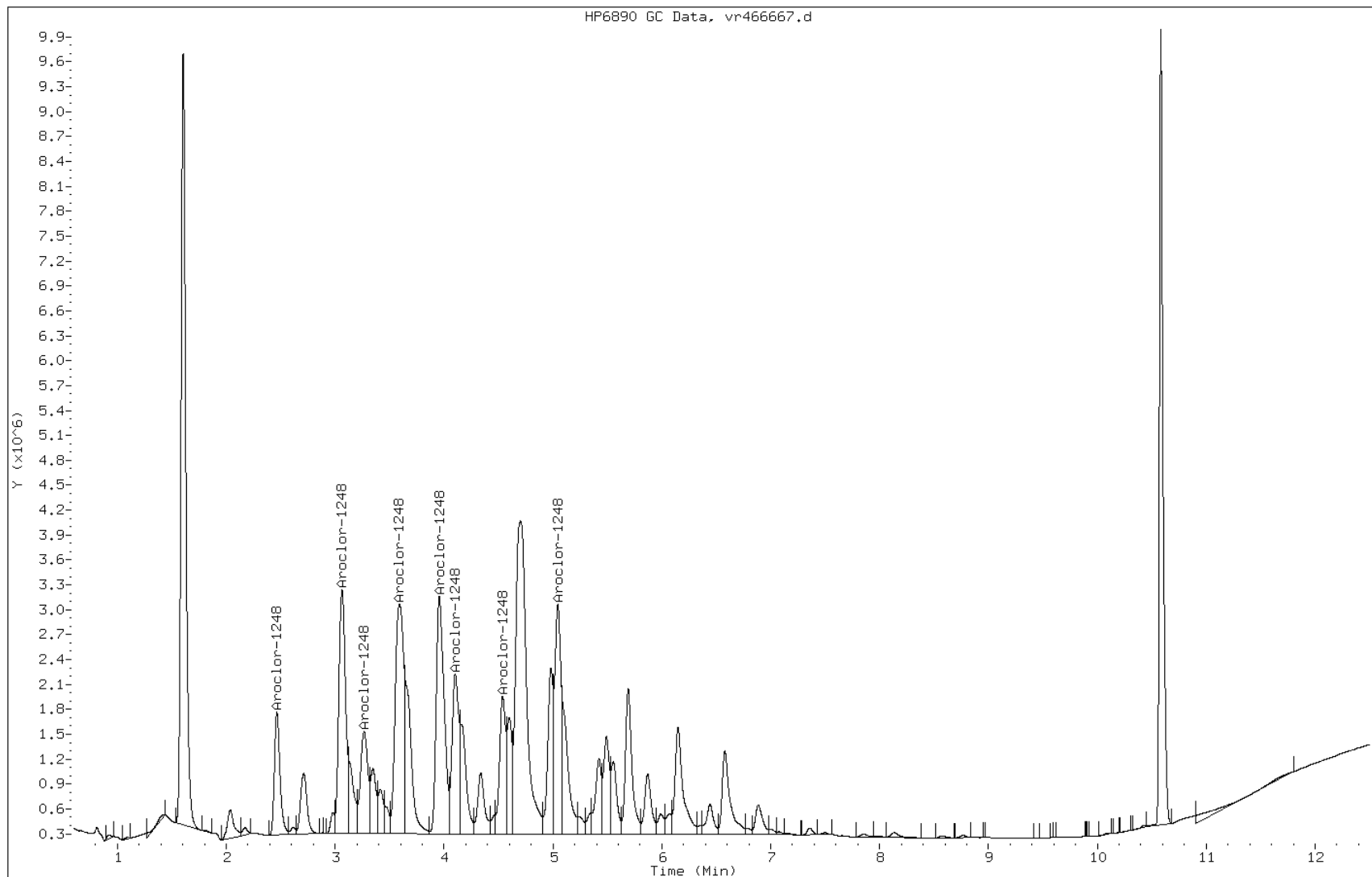
Date: 04-NOV-2011 04:10

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:26 Calibration End Date: 11/04/2011 04:26 Calibration ID: 12942

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/18	vf466668.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	5.028										4.958 - 5.098	5.028
PCB-1254 Peak 2	6.198										6.128 - 6.268	6.198
PCB-1254 Peak 3	6.528										6.458 - 6.598	6.528
PCB-1254 Peak 4	7.098										7.028 - 7.168	7.098
PCB-1254 Peak 5	7.307										7.237 - 7.377	7.307
PCB-1254 Peak 6	7.753										7.683 - 7.823	7.753
PCB-1254 Peak 7	8.138										8.068 - 8.208	8.138
PCB-1254 Peak 8	8.990										8.920 - 9.060	8.990

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:26 Calibration End Date: 11/04/2011 04:26 Calibration ID: 12942

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/18	vf466668.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	4262.6				Ave		4262.56000						20.0			
PCB-1254 Peak 2	8317.8				Ave		8317.77900						20.0			
PCB-1254 Peak 3	8686.9				Ave		8686.94500						20.0			
PCB-1254 Peak 4	6126.4				Ave		6126.41600						20.0			
PCB-1254 Peak 5	13286				Ave		13286.3930						20.0			
PCB-1254 Peak 6	8921.6				Ave		8921.61700						20.0			
PCB-1254 Peak 7	6099.8				Ave		6099.83700						20.0			
PCB-1254 Peak 8	13362				Ave		13361.8170						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:26 Calibration End Date: 11/04/2011 04:26 Calibration ID: 12942

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/18	vf466668.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	4262560					1000				
PCB-1254 Peak 2	Ave	8317779					1000				
PCB-1254 Peak 3	Ave	8686945					1000				
PCB-1254 Peak 4	Ave	6126416					1000				
PCB-1254 Peak 5	Ave	13286393					1000				
PCB-1254 Peak 6	Ave	8921617					1000				
PCB-1254 Peak 7	Ave	6099837					1000				
PCB-1254 Peak 8	Ave	13361817					1000				

Curve Type Legend:

Ave = Average

Data File: vf466668.d
 Report Date: 04-Nov-2011 08:01

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/vf466668.d
 Lab Smp Id: IC-SG1254L3_00011
 Inj Date : 04-NOV-2011 04:26
 Operator : 615
 Smp Info : IC-SG1254L3_00011
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Nov11/11-04-11aical/04nov11a.b/08Vf8082.m
 Meth Date : 04-Nov-2011 08:01 shanthi
 Cal Date : 24-OCT-2011 03:13
 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: vf466058.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		
5.028	5.028	0.000	4262560 1000.00	1000	80.00- 120.00	100.00(M)
6.198	6.198	0.000	8317779 1000.00	1000	156.11- 234.16	195.14
6.528	6.528	0.000	8686945 1000.00	1000	163.04- 244.56	203.80
7.098	7.098	0.000	6126416 1000.00	1000	114.98- 172.47	143.73
7.307	7.307	0.000	13286393 1000.00	1000	249.36- 374.04	311.70
7.753	7.753	0.000	8921617 1000.00	1000	167.44- 251.16	209.30
8.138	8.138	0.000	6099837 1000.00	1000	114.48- 171.72	143.10
8.990	8.990	0.000	13361817 1000.00	1000	250.78- 376.16	313.47
Average of Peak Amounts =				1e+03		

Data File: vf466668.d
Report Date: 04-Nov-2011 08:01

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466668.d

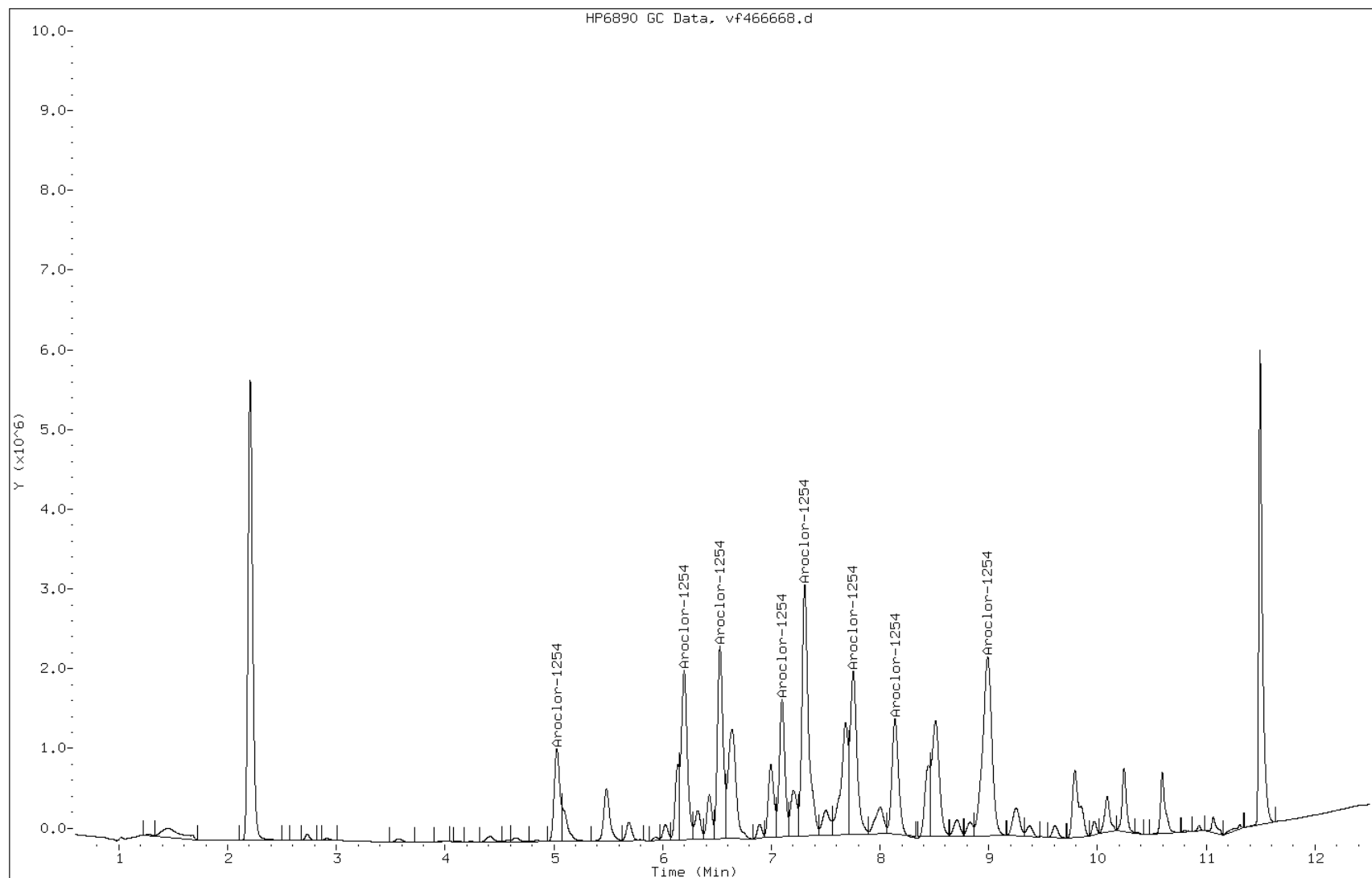
Date: 04-NOV-2011 04:26

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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:26 Calibration End Date: 11/04/2011 04:26 Calibration ID: 12950

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/18	vr466668.d

ANALYTE	LVL 1										RT WINDOW	AVG RT
PCB-1254 Peak 1	4.606										4.536 - 4.676	4.606
PCB-1254 Peak 2	4.684										4.614 - 4.754	4.684
PCB-1254 Peak 3	5.049										4.979 - 5.119	5.049
PCB-1254 Peak 4	5.489										5.419 - 5.559	5.489
PCB-1254 Peak 5	5.991										5.921 - 6.061	5.991
PCB-1254 Peak 6	6.145										6.075 - 6.215	6.145
PCB-1254 Peak 7	6.441										6.371 - 6.511	6.441
PCB-1254 Peak 8	6.883										6.813 - 6.953	6.883

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

Lab Name: TestAmerica Edison Job No.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:26 Calibration End Date: 11/04/2011 04:26 Calibration ID: 12950

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/18	vr466668.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	12528				Ave		12527.8070						20.0			
PCB-1254 Peak 2	10590				Ave		10590.3490						20.0			
PCB-1254 Peak 3	16571				Ave		16571.1090						20.0			
PCB-1254 Peak 4	12878				Ave		12877.5490						20.0			
PCB-1254 Peak 5	11342				Ave		11341.8110						20.0			
PCB-1254 Peak 6	18582				Ave		18581.5690						20.0			
PCB-1254 Peak 7	17890				Ave		17889.7500						20.0			
PCB-1254 Peak 8	22444				Ave		22444.2640						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.: 460-33168-1 Analy Batch No.: 91856

SDG No.: _____

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

Calibration Start Date: 11/04/2011 04:26 Calibration End Date: 11/04/2011 04:26 Calibration ID: 12950

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-91856/18	vr466668.d

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1					LVL 1				
PCB-1254 Peak 1	Ave	12527807					1000				
PCB-1254 Peak 2	Ave	10590349					1000				
PCB-1254 Peak 3	Ave	16571109					1000				
PCB-1254 Peak 4	Ave	12877549					1000				
PCB-1254 Peak 5	Ave	11341811					1000				
PCB-1254 Peak 6	Ave	18581569					1000				
PCB-1254 Peak 7	Ave	17889750					1000				
PCB-1254 Peak 8	Ave	22444264					1000				

Curve Type Legend:

Ave = Average

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/vr466668.d
Lab Smp Id: IC-SG1254L3_00011
Inj Date : 04-NOV-2011 04:26
Operator : 615
Smp Info : IC-SG1254L3_00011
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b/08Vr8082.m
Meth Date : 04-Nov-2011 07:23 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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			
4.606	4.606	0.000	12527807	1000.00	1000 80.00- 120.00	100.00(M)
4.684	4.684	0.000	10590349	1000.00	1000 67.63- 101.44	84.53
5.049	5.049	0.000	16571109	1000.00	1000 105.82- 158.73	132.27
5.489	5.489	0.000	12877549	1000.00	1000 82.23- 123.35	102.79
5.991	5.991	0.000	11341811	1000.00	1000 72.43- 108.64	90.53
6.145	6.145	0.000	18581569	1000.00	1000 118.66- 177.99	148.32
6.441	6.441	0.000	17889750	1000.00	1000 114.24- 171.36	142.80
6.883	6.883	0.000	22444264	1000.00	1000 143.32- 214.99	179.16
Average of Peak Amounts =			1e+03			

Data File: vr466668.d
Report Date: 04-Nov-2011 08:01

Page 2

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466668.d

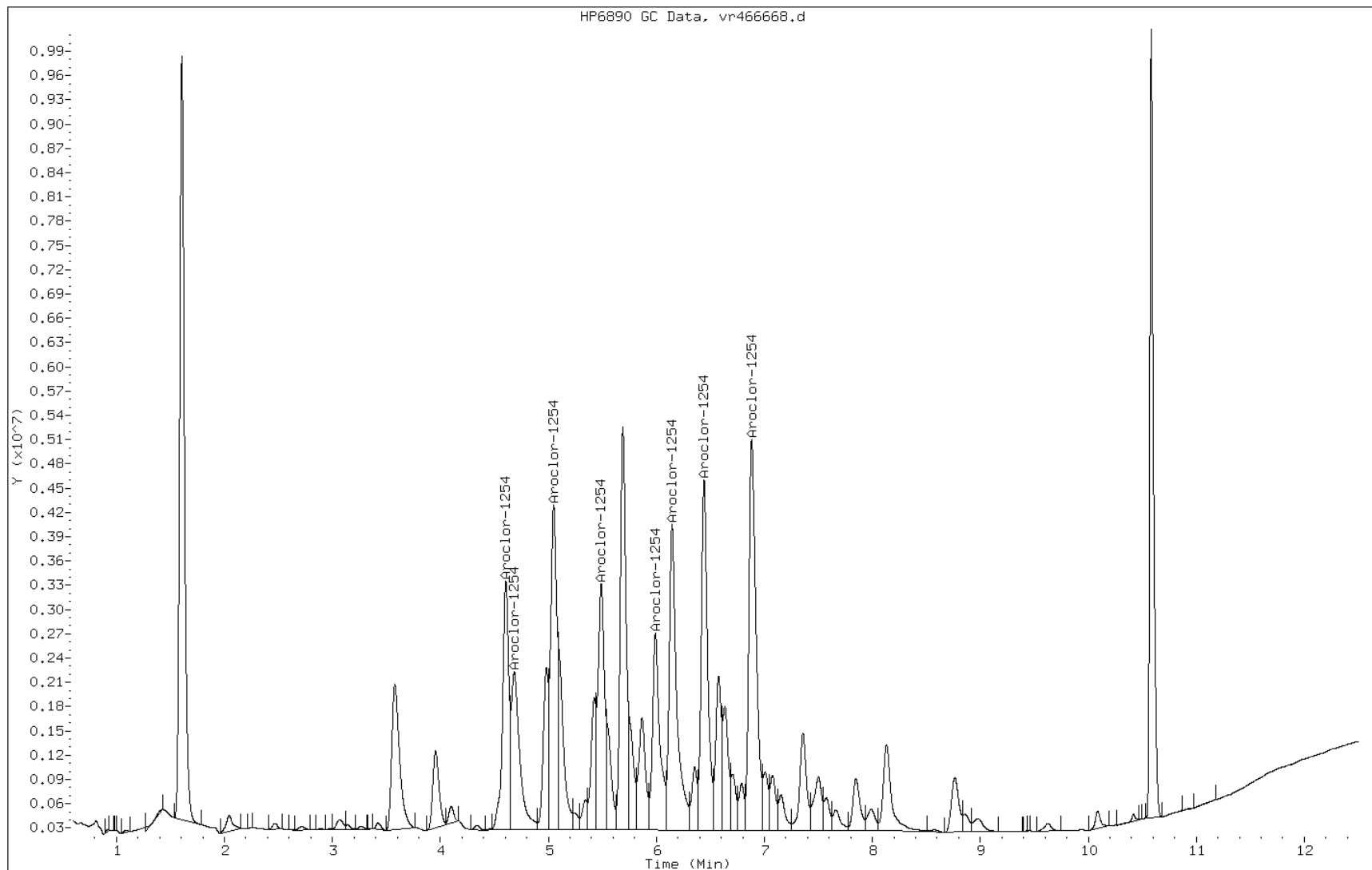
Date: 04-NOV-2011 04:26

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.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92311/2 Calibration Date: 11/08/2011 18:28
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of179772.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	117.5	113.3		964	1000	-3.6	15.0
PCB-1016 Peak 2	Ave	275.8	249.6		905	1000	-9.5	15.0
PCB-1016 Peak 3	Ave	121.9	122.6		1010	1000	0.6	15.0
PCB-1016 Peak 4	Ave	498.4	476.1		955	1000	-4.5	15.0
PCB-1016 Peak 5	Ave	213.6	207.6		972	1000	-2.8	15.0
PCB-1016 Peak 6	Ave	137.1	135.0		985	1000	-1.5	15.0
PCB-1016 Peak 7	Ave	136.6	163.3		1200	1000	19.5*	15.0
PCB-1016 Peak 8	Ave	136.4	151.9		1110	1000	11.3	15.0
PCB-1260 Peak 1	Ave	339.2	349.9		1030	1000	3.1	15.0
PCB-1260 Peak 2	Ave	382.6	389.6		1020	1000	1.8	15.0
PCB-1260 Peak 3	Ave	543.1	568.3		1050	1000	4.6	15.0
PCB-1260 Peak 4	Ave	258.7	263.4		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	151.1	154.5		1020	1000	2.2	15.0
PCB-1260 Peak 6	Ave	301.9	314.9		1040	1000	4.3	15.0
PCB-1260 Peak 7	Ave	397.1	393.0		990	1000	-1.0	15.0
PCB-1260 Peak 8	Ave	126.3	133.2		1050	1000	5.5	15.0
DCB Decachlorobiphenyl	Ave	3466	3442		99.3	100	-0.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92311/2 Calibration Date: 11/08/2011 18:28
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of179772.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.96	2.89	3.03
PCB-1016 Peak 2	3.42	3.35	3.49
PCB-1016 Peak 3	3.70	3.63	3.77
PCB-1016 Peak 4	3.96	3.89	4.03
PCB-1016 Peak 5	4.13	4.06	4.20
PCB-1016 Peak 6	4.42	4.35	4.49
PCB-1016 Peak 7	5.24	5.17	5.31
PCB-1016 Peak 8	5.49	5.42	5.56
PCB-1260 Peak 1	6.37	6.30	6.44
PCB-1260 Peak 2	6.70	6.63	6.77
PCB-1260 Peak 3	7.33	7.26	7.40
PCB-1260 Peak 4	7.52	7.45	7.59
PCB-1260 Peak 5	7.63	7.57	7.71
PCB-1260 Peak 6	8.17	8.10	8.24
PCB-1260 Peak 7	9.37	9.30	9.44
PCB-1260 Peak 8	10.06	9.99	10.13
DCB Decachlorobiphenyl	10.57	10.48	10.68

Data File: of179772.d
Report Date: 09-Nov-2011 03:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179772.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 08-NOV-2011 18:28
Operator :
Smp Info : CCVRTSG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC7.i
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

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RT	RESPONSE (ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====		=====	=====		=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.963	2.963	0.000		113287 964.398	640	80.00-	120.00	100.00
3.423	3.423	0.000		249589 904.929	600	171.19-	256.79	220.31
3.703	3.703	0.000		122647 1006.44	670	81.80-	122.70	108.26
3.958	3.958	0.000		476128 955.379	640	320.72-	481.08	420.28
4.125	4.125	0.000		207647 972.094	650	139.95-	209.93	183.29
4.423	4.423	0.000		135029 985.168	660	91.91-	137.86	119.19
5.238	5.240	-0.002		163265 1195.22	800	103.28-	154.92	144.12
5.487	5.487	0.000		151877 1113.28	740	91.65-	137.47	134.06
Average of Peak Concentrations =					670			

27 Aroclor-1260					CAS #: 11096-82-5			
6.367	6.367	0.000		349869 1031.43	690	80.00-	120.00	100.00(M)

Data File: of179772.d
 Report Date: 09-Nov-2011 03:45

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
27 Aroclor-1260 (continued)								
6.698	6.698	0.000	389573	1018.24	680	89.98-	134.96	111.35
7.332	7.333	-0.001	568331	1046.42	700	131.70-	197.55	162.44
7.520	7.522	-0.002	263403	1018.05	680	60.57-	90.86	75.29
7.633	7.635	-0.002	154464	1021.93	680	35.59-	53.39	44.15
8.168	8.172	-0.004	314913	1043.23	700	73.26-	109.89	90.01
9.372	9.373	-0.001	393017	989.692	660	92.52-	138.78	112.33
10.055	10.057	-0.002	133162	1054.67	700	30.32-	45.48	38.06
Average of Peak Concentrations =					680			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.573	10.575	-0.002	344192	99.3117	66	80.00-	120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
 M - Compound response manually integrated.

Data File: of179772.d

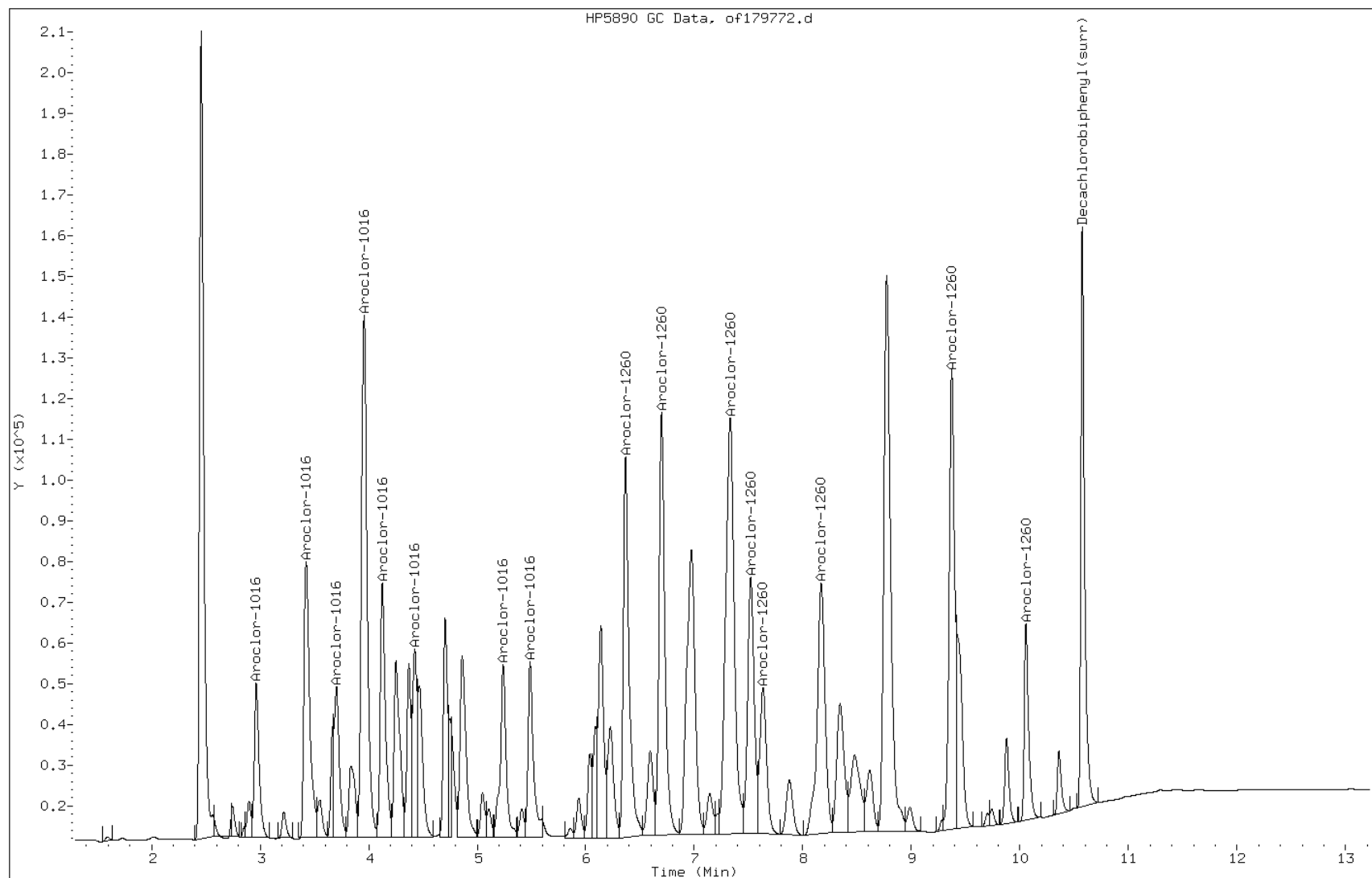
Date: 08-NOV-2011 18:28

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRTSG1660L3_00013

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92311/2 Calibration Date: 11/08/2011 18:28
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or179772.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	97.02	103.2		1060	1000	6.3	15.0
PCB-1016 Peak 2	Ave	154.8	172.7		1120	1000	11.6	15.0
PCB-1016 Peak 3	Ave	106.5	125.7		1180	1000	18.0*	15.0
PCB-1016 Peak 4	Ave	326.3	372.2		1140	1000	14.1	15.0
PCB-1016 Peak 5	Ave	125.4	144.6		1150	1000	15.3*	15.0
PCB-1016 Peak 6	Ave	89.24	107.1		1200	1000	20.0*	15.0
PCB-1016 Peak 7	Ave	160.5	164.9		1030	1000	2.8	15.0
PCB-1016 Peak 8	Ave	129.9	152.3		1170	1000	17.3*	15.0
PCB-1260 Peak 1	Ave	190.7	216.1		1130	1000	13.3	15.0
PCB-1260 Peak 2	Ave	339.7	387.9		1140	1000	14.2	15.0
PCB-1260 Peak 3	Ave	323.0	370.4		1150	1000	14.7	15.0
PCB-1260 Peak 4	Ave	150.7	164.5		1090	1000	9.2	15.0
PCB-1260 Peak 5	Ave	178.1	181.9		1020	1000	2.1	15.0
PCB-1260 Peak 6	Ave	203.2	246.8		1210	1000	21.4*	15.0
PCB-1260 Peak 7	Ave	109.2	124.9		1140	1000	14.4	15.0
PCB-1260 Peak 8	Ave	103.7	127.6		1230	1000	23.0*	15.0
DCB Decachlorobiphenyl	Ave	3146	3444		109	100	9.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92311/2 Calibration Date: 11/08/2011 18:28
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or179772.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.87	2.80	2.94
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.27	3.21	3.35
PCB-1016 Peak 6	3.34	3.27	3.41
PCB-1016 Peak 7	3.48	3.42	3.56
PCB-1016 Peak 8	3.71	3.64	3.78
PCB-1260 Peak 1	5.13	5.06	5.20
PCB-1260 Peak 2	5.47	5.41	5.55
PCB-1260 Peak 3	5.82	5.75	5.89
PCB-1260 Peak 4	5.97	5.90	6.04
PCB-1260 Peak 5	6.29	6.22	6.36
PCB-1260 Peak 6	7.26	7.19	7.33
PCB-1260 Peak 7	7.42	7.35	7.49
PCB-1260 Peak 8	8.63	8.56	8.70
DCB Decachlorobiphenyl	9.40	9.30	9.50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179772.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 08-NOV-2011 18:28
Operator :
Smp Info : CCVRTSG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/08Or8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 36
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC7.i

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

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.350	2.353	-0.003	103171	1063.44	710	80.00-	120.00	100.00(M)
2.675	2.678	-0.003	172710	1115.93	740	134.62-	201.93	167.40
2.867	2.870	-0.003	125671	1179.60	790	96.18-	144.27	121.81
3.128	3.132	-0.004	372186	1140.52	760	282.46-	423.68	360.75
3.272	3.275	-0.003	144589	1153.12	770	108.94-	163.41	140.15
3.335	3.338	-0.003	107089	1199.99	800	79.17-	118.75	103.80
3.483	3.488	-0.005	164927	1027.69	680	130.94-	196.41	159.86
3.712	3.713	-0.001	152280	1172.70	780	115.89-	173.84	147.60
Average of Peak Concentrations =					750			

27 Aroclor-1260					CAS #: 11096-82-5			
5.128	5.132	-0.004	216059	1133.08	760	80.00-	120.00	100.00(M)

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
5.472	5.475	-0.003	387912	1141.83	760	143.40-	215.10	179.54
5.818	5.820	-0.002	370387	1146.58	760	138.37-	207.55	171.43
5.965	5.965	0.000	164509	1091.56	730	63.49-	95.24	76.14
6.292	6.293	-0.001	181884	1021.24	680	76.43-	114.65	84.18
7.255	7.257	-0.002	246757	1214.42	810	86.54-	129.80	114.21
7.415	7.418	-0.003	124894	1143.61	760	46.51-	69.76	57.81
8.630	8.633	-0.003	127564	1230.08	820	37.72-	56.57	59.04
Average of Peak Concentrations =					760			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.400	9.402	-0.002	344366	109.455	73	80.00-	120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or179772.d

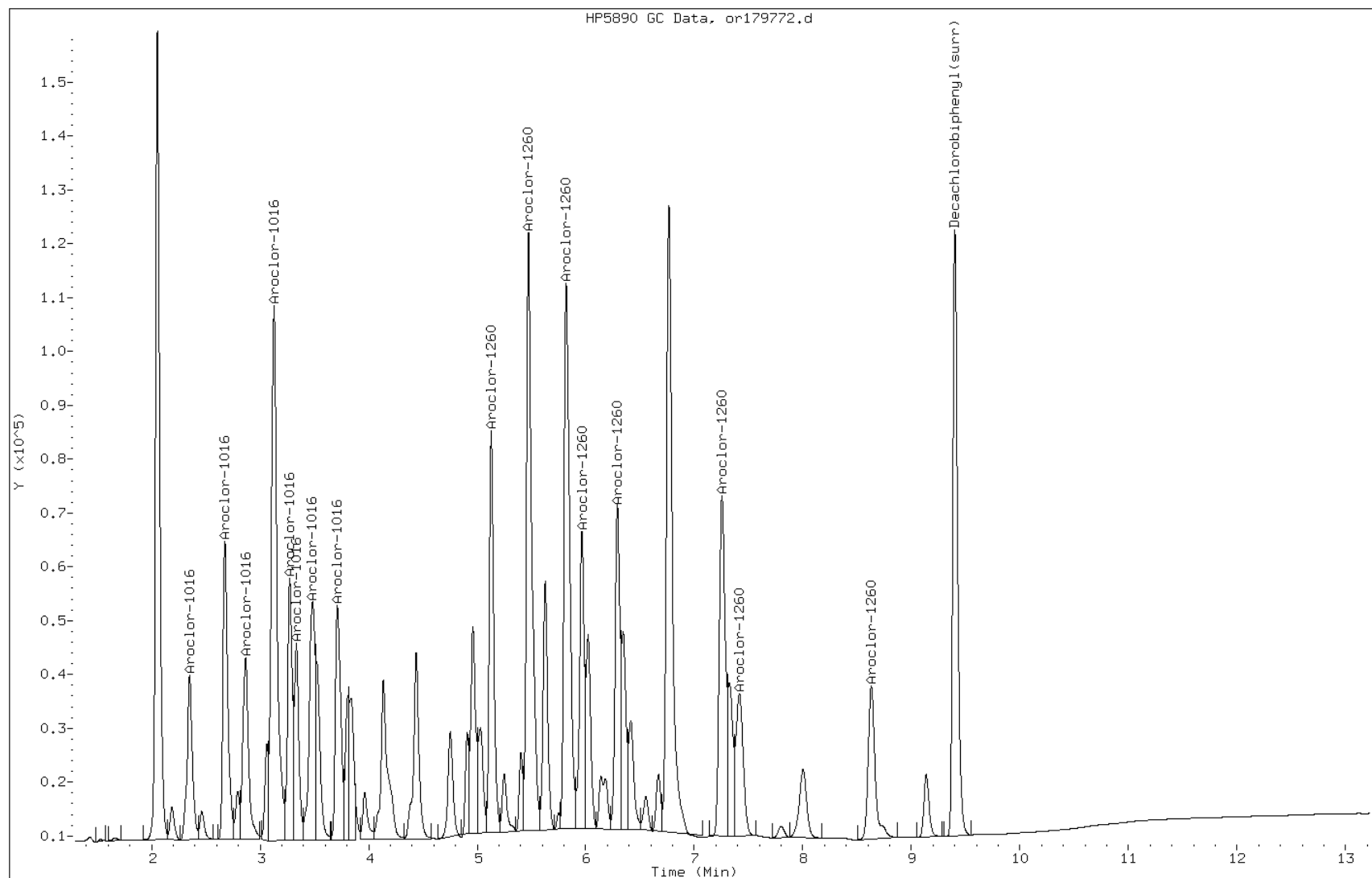
Date: 08-NOV-2011 18:28

Client ID:

Instrument: PESTGC7.i

Sample Info: CCVRTSG1660L3_00013

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92311/18 Calibration Date: 11/08/2011 22:52
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of179788.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	117.5	119.8		1020	1000	2.0	15.0
PCB-1016 Peak 2	Ave	275.8	251.7		912	1000	-8.8	15.0
PCB-1016 Peak 3	Ave	121.9	123.7		1020	1000	1.5	15.0
PCB-1016 Peak 4	Ave	498.4	470.4		944	1000	-5.6	15.0
PCB-1016 Peak 5	Ave	213.6	206.7		968	1000	-3.2	15.0
PCB-1016 Peak 6	Ave	137.1	129.6		945	1000	-5.5	15.0
PCB-1016 Peak 7	Ave	136.6	158.4		1160	1000	16.0*	15.0
PCB-1016 Peak 8	Ave	136.4	146.4		1070	1000	7.3	15.0
PCB-1260 Peak 1	Ave	339.2	342.1		1010	1000	0.9	15.0
PCB-1260 Peak 2	Ave	382.6	386.5		1010	1000	1.0	15.0
PCB-1260 Peak 3	Ave	543.1	563.7		1040	1000	3.8	15.0
PCB-1260 Peak 4	Ave	258.7	264.4		1020	1000	2.2	15.0
PCB-1260 Peak 5	Ave	151.1	158.2		1050	1000	4.7	15.0
PCB-1260 Peak 6	Ave	301.9	313.7		1040	1000	3.9	15.0
PCB-1260 Peak 7	Ave	397.1	402.0		1010	1000	1.2	15.0
PCB-1260 Peak 8	Ave	126.3	134.0		1060	1000	6.1	15.0
DCB Decachlorobiphenyl	Ave	3466	3523		102	100	1.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92311/18 Calibration Date: 11/08/2011 22:52
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: of179788.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.96	2.89	3.03
PCB-1016 Peak 2	3.42	3.35	3.49
PCB-1016 Peak 3	3.70	3.63	3.77
PCB-1016 Peak 4	3.96	3.89	4.03
PCB-1016 Peak 5	4.13	4.06	4.20
PCB-1016 Peak 6	4.42	4.35	4.49
PCB-1016 Peak 7	5.24	5.17	5.31
PCB-1016 Peak 8	5.49	5.42	5.56
PCB-1260 Peak 1	6.37	6.30	6.44
PCB-1260 Peak 2	6.70	6.63	6.77
PCB-1260 Peak 3	7.33	7.26	7.40
PCB-1260 Peak 4	7.52	7.45	7.59
PCB-1260 Peak 5	7.63	7.57	7.71
PCB-1260 Peak 6	8.17	8.10	8.24
PCB-1260 Peak 7	9.37	9.30	9.44
PCB-1260 Peak 8	10.05	9.99	10.13
DCB Decachlorobiphenyl	10.57	10.48	10.68

Data File: of179788.d
Report Date: 09-Nov-2011 03:48

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179788.d
Lab Smp Id: CCV SG1660L3_00013
Inj Date : 08-NOV-2011 22:52
Operator : Inst ID: PESTGC7.i
Smp Info : CCV SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 52
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
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

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.963	2.963	0.000	119821	1020.02	680	80.00-	120.00	100.00
3.423	3.423	0.000	251667	912.465	610	171.19-	256.79	210.04
3.703	3.703	0.000	123714	1015.19	680	81.80-	122.70	103.25
3.958	3.958	0.000	470448	943.983	630	320.72-	481.08	392.62
4.125	4.125	0.000	206717	967.741	640	139.95-	209.93	172.52
4.423	4.423	0.000	129556	945.242	630	91.91-	137.86	108.12
5.238	5.240	-0.002	158423	1159.77	770	103.28-	154.92	132.22
5.485	5.487	-0.002	146434	1073.38	720	91.65-	137.47	122.21
Average of Peak Concentrations =					670			

27 Aroclor-1260					CAS #: 11096-82-5			
6.365	6.367	-0.002	342120	1008.59	670	80.00-	120.00	100.00(M)

Data File: of179788.d
 Report Date: 09-Nov-2011 03:48

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/kg)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.697	6.698	-0.001	386453	1010.08	670	89.98-	134.96	112.96	
7.328	7.333	-0.005	563701	1037.89	690	131.70-	197.55	164.77	
7.518	7.522	-0.004	264404	1021.91	680	60.57-	90.86	77.28	
7.630	7.635	-0.005	158224	1046.80	700	35.59-	53.39	46.25	
8.167	8.172	-0.005	313716	1039.26	690	73.26-	109.89	91.70	
9.370	9.373	-0.003	401958	1012.21	670	92.52-	138.78	117.49	
10.053	10.057	-0.004	133997	1061.28	710	30.32-	45.48	39.17	
Average of Peak Concentrations =					690				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.572	10.575	-0.003	352311	101.654	68	80.00-	120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
 M - Compound response manually integrated.

Data File: of179788.d

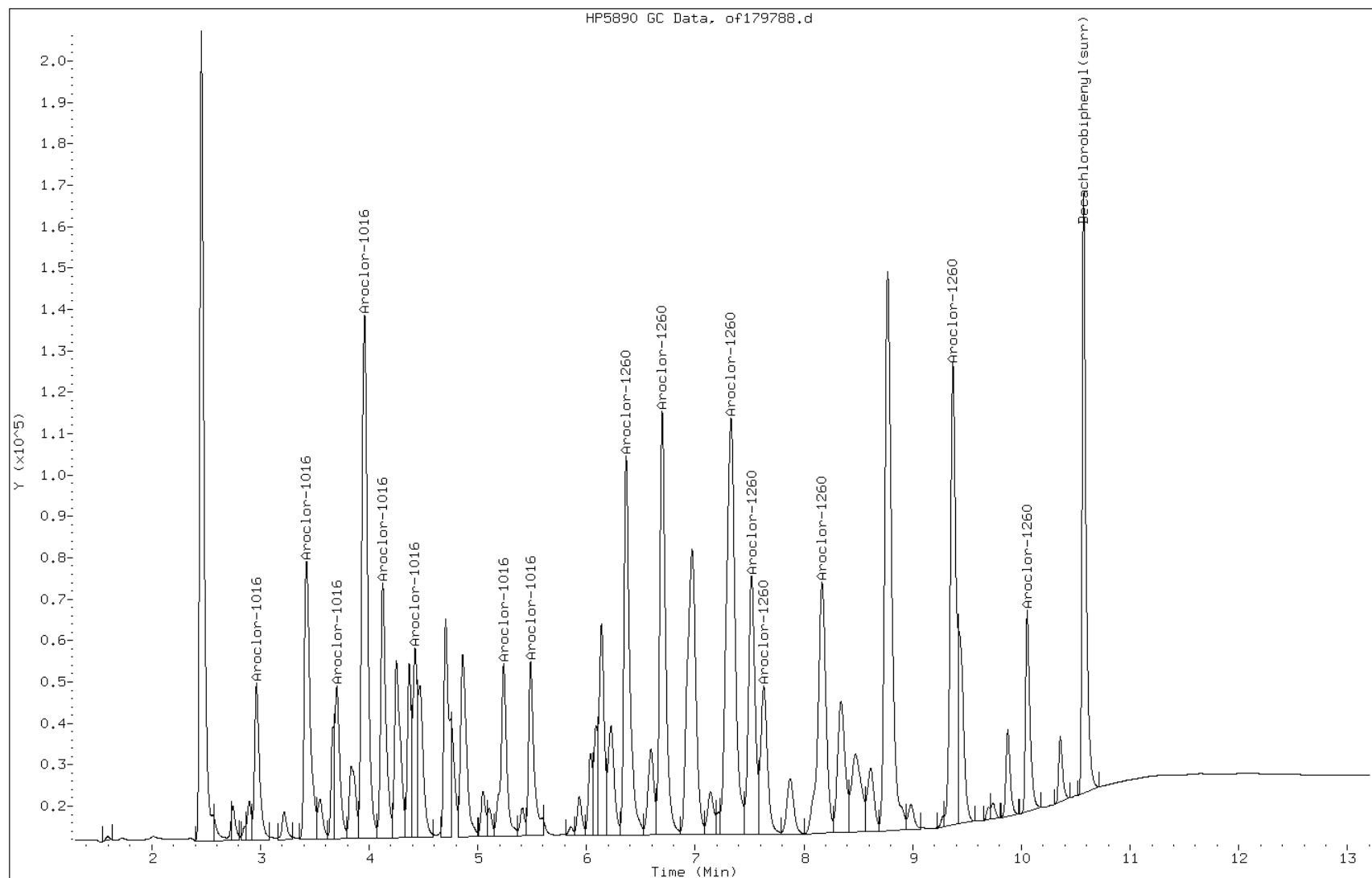
Date: 08-NOV-2011 22:52

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV SG1660L3_00013

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92311/18 Calibration Date: 11/08/2011 22:52
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or179788.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	97.02	100.7		1040	1000	3.8	15.0
PCB-1016 Peak 2	Ave	154.8	168.8		1090	1000	9.0	15.0
PCB-1016 Peak 3	Ave	106.5	122.9		1150	1000	15.3*	15.0
PCB-1016 Peak 4	Ave	326.3	360.7		1110	1000	10.5	15.0
PCB-1016 Peak 5	Ave	125.4	139.5		1110	1000	11.3	15.0
PCB-1016 Peak 6	Ave	89.24	102.3		1150	1000	14.6	15.0
PCB-1016 Peak 7	Ave	160.5	157.9		984	1000	-1.6	15.0
PCB-1016 Peak 8	Ave	129.9	145.4		1120	1000	12.0	15.0
PCB-1260 Peak 1	Ave	190.7	216.6		1140	1000	13.6	15.0
PCB-1260 Peak 2	Ave	339.7	388.6		1140	1000	14.4	15.0
PCB-1260 Peak 3	Ave	323.0	373.3		1160	1000	15.6*	15.0
PCB-1260 Peak 4	Ave	150.7	170.1		1130	1000	12.9	15.0
PCB-1260 Peak 5	Ave	178.1	188.4		1060	1000	5.8	15.0
PCB-1260 Peak 6	Ave	203.2	229.5		1130	1000	13.0	15.0
PCB-1260 Peak 7	Ave	109.2	125.3		1150	1000	14.7	15.0
PCB-1260 Peak 8	Ave	103.7	122.3		1180	1000	18.0*	15.0
DCB Decachlorobiphenyl	Ave	3146	3380		107	100	7.4	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92311/18 Calibration Date: 11/08/2011 22:52
 Instrument ID: PESTGC7 Calib Start Date: 10/04/2011 09:50
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 10/04/2011 10:56
 Lab File ID: or179788.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.35	2.28	2.42
PCB-1016 Peak 2	2.68	2.61	2.75
PCB-1016 Peak 3	2.87	2.80	2.94
PCB-1016 Peak 4	3.13	3.06	3.20
PCB-1016 Peak 5	3.27	3.21	3.35
PCB-1016 Peak 6	3.33	3.27	3.41
PCB-1016 Peak 7	3.49	3.42	3.56
PCB-1016 Peak 8	3.71	3.64	3.78
PCB-1260 Peak 1	5.13	5.06	5.20
PCB-1260 Peak 2	5.47	5.41	5.55
PCB-1260 Peak 3	5.82	5.75	5.89
PCB-1260 Peak 4	5.96	5.90	6.04
PCB-1260 Peak 5	6.29	6.22	6.36
PCB-1260 Peak 6	7.25	7.19	7.33
PCB-1260 Peak 7	7.41	7.35	7.49
PCB-1260 Peak 8	8.63	8.56	8.70
DCB Decachlorobiphenyl	9.40	9.30	9.50

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179788.d
Lab Smp Id: CCV SG1660L3_00013
Inj Date : 08-NOV-2011 22:52
Operator : Inst ID: PESTGC7.i
Smp Info : CCV SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 52
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

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====		=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.350	2.353	-0.003	100694	1037.91	690	80.00-	120.00	100.00(M)
2.675	2.678	-0.003	168769	1090.47	730	134.62-	201.93	167.61
2.867	2.870	-0.003	122855	1153.17	770	96.18-	144.27	122.01
3.128	3.132	-0.004	360700	1105.33	740	282.46-	423.68	358.21
3.272	3.275	-0.003	139535	1112.81	740	108.94-	163.41	138.57
3.333	3.338	-0.005	102270	1145.99	760	79.17-	118.75	101.57
3.485	3.488	-0.003	157922	984.038	660	130.94-	196.41	156.83
3.710	3.713	-0.003	145391	1119.65	750	115.89-	173.84	144.39
Average of Peak Concentrations =					730			

27 Aroclor-1260					CAS #: 11096-82-5			
5.128	5.132	-0.004	216619	1136.02	760	80.00-	120.00	100.00(M)

			CONCENTRATIONS					
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET	RANGE	RATIO
			RESPONSE	(ug/L)	(ug/kg)			
==	=====	=====	=====	=====	=====	=====		=====
27 Aroclor-1260 (continued)								
5.470	5.475	-0.005	388598	1143.85	760	143.40-	215.10	179.39
5.817	5.820	-0.003	373349	1155.75	770	138.37-	207.55	172.35
5.962	5.965	-0.003	170088	1128.58	750	63.49-	95.24	78.52
6.290	6.293	-0.003	188357	1057.59	700	76.43-	114.65	86.95
7.253	7.257	-0.004	229515	1129.56	750	86.54-	129.80	105.95
7.413	7.418	-0.005	125282	1147.16	760	46.51-	69.76	57.84
8.628	8.633	-0.005	122335	1179.66	790	37.72-	56.57	56.47
Average of Peak Concentrations =					760			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
9.398	9.402	-0.004	338047	107.446	72	80.00-	120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or179788.d

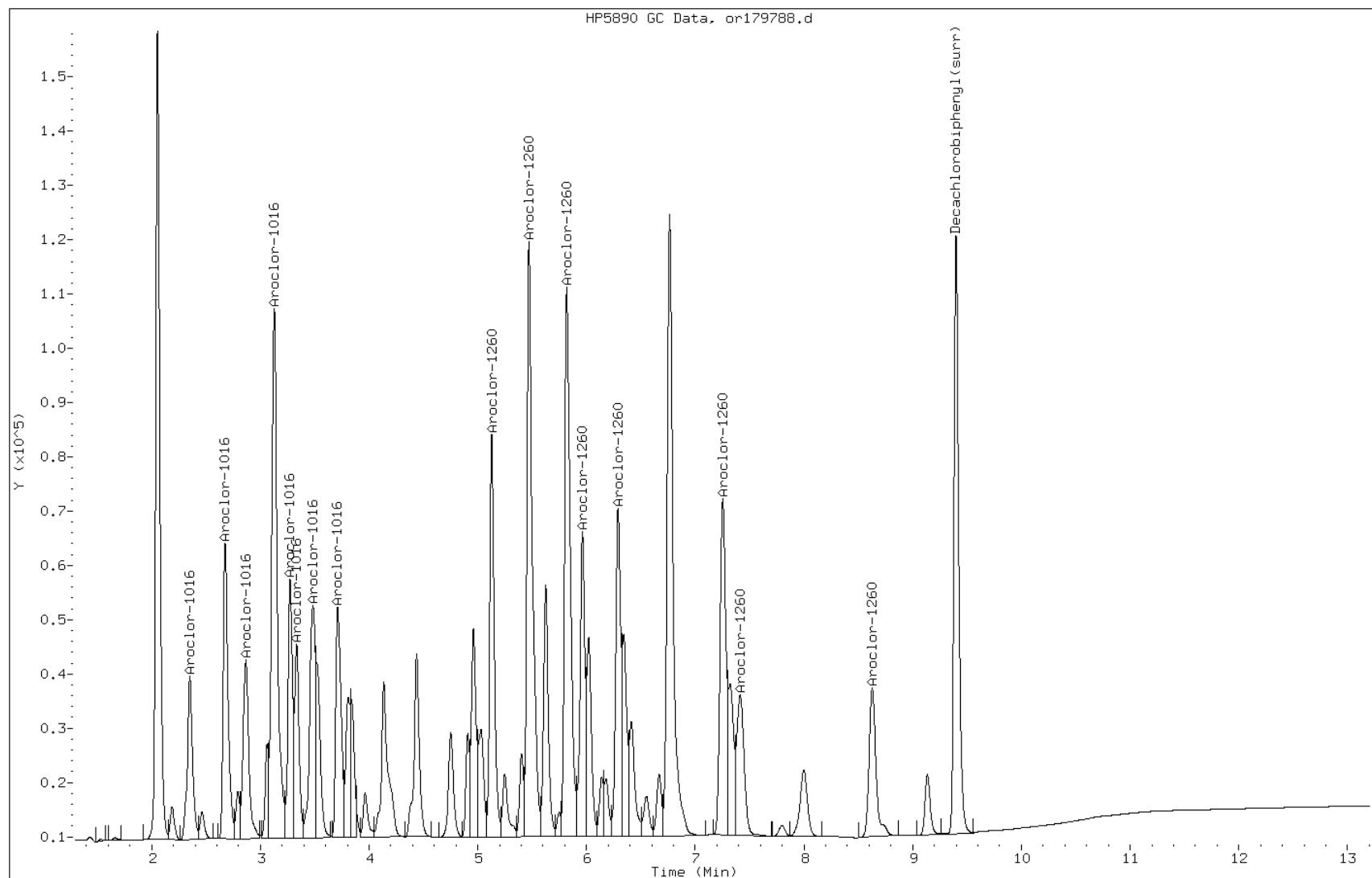
Date: 08-NOV-2011 22:52

Client ID:

Instrument: PESTGC7.i

Sample Info: CCV SG1660L3_00013

Operator:



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92579/2 Calibration Date: 11/10/2011 14:15
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466971.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	3769	3724		988	1000	-1.2	15.0
PCB-1016 Peak 2	Ave	8407	7810		929	1000	-7.1	15.0
PCB-1016 Peak 3	Ave	3559	3315		932	1000	-6.8	15.0
PCB-1016 Peak 4	Ave	14759	13647		925	1000	-7.5	15.0
PCB-1016 Peak 5	Ave	6856	6362		928	1000	-7.2	15.0
PCB-1016 Peak 6	Ave	4128	3931		952	1000	-4.8	15.0
PCB-1016 Peak 7	Ave	4988	4706		943	1000	-5.7	15.0
PCB-1016 Peak 8	Ave	4942	4745		960	1000	-4.0	15.0
PCB-1260 Peak 1	Ave	4621	4613		998	1000	-0.2	15.0
PCB-1260 Peak 2	Ave	10445	10120		969	1000	-3.1	15.0
PCB-1260 Peak 3	Ave	11620	11210		965	1000	-3.5	15.0
PCB-1260 Peak 4	Ave	7434	7563		1020	1000	1.7	15.0
PCB-1260 Peak 5	Ave	3980	4171		1050	1000	4.8	15.0
PCB-1260 Peak 6	Ave	7953	8180		1030	1000	2.9	15.0
PCB-1260 Peak 7	Ave	9408	9466		1010	1000	0.6	15.0
PCB-1260 Peak 8	Ave	3608	3823		1060	1000	5.9	15.0
DCB Decachlorobiphenyl	Ave	116145	109046		93.9	100	-6.1	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92579/2 Calibration Date: 11/10/2011 14:15
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466971.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.93	2.85	2.99
PCB-1016 Peak 2	3.60	3.52	3.66
PCB-1016 Peak 3	4.04	3.96	4.10
PCB-1016 Peak 4	4.43	4.36	4.50
PCB-1016 Peak 5	4.68	4.61	4.75
PCB-1016 Peak 6	5.11	5.04	5.18
PCB-1016 Peak 7	5.50	5.43	5.57
PCB-1016 Peak 8	5.70	5.64	5.78
PCB-1260 Peak 1	7.39	7.32	7.46
PCB-1260 Peak 2	7.69	7.63	7.77
PCB-1260 Peak 3	8.15	8.08	8.22
PCB-1260 Peak 4	9.25	9.19	9.33
PCB-1260 Peak 5	9.39	9.32	9.46
PCB-1260 Peak 6	9.86	9.80	9.94
PCB-1260 Peak 7	10.60	10.53	10.67
PCB-1260 Peak 8	11.07	11.00	11.14
DCB Decachlorobiphenyl	11.50	11.40	11.60

Data File: vf466971.d
Report Date: 10-Nov-2011 16:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/vf466971.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 10-NOV-2011 14:15
Operator : 280
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/08Vf8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466670.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									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.928	2.928	0.000	3723848	1000.00	990	80.00-	120.00	100.00(M)	
3.596	3.596	0.000	7810477	1000.00	930	167.79-	251.69	209.74	
4.035	4.035	0.000	3315094	1000.00	930	71.22-	106.83	89.02	
4.434	4.434	0.000	13647087	1000.00	920	293.18-	439.77	366.48	
4.677	4.677	0.000	6362367	1000.00	930	136.68-	205.03	170.85	
5.111	5.111	0.000	3931347	1000.00	950	84.46-	126.69	105.57	
5.496	5.496	0.000	4706209	1000.00	940	101.10-	151.66	126.38	
5.704	5.704	0.000	4744576	1000.00	960	101.93-	152.89	127.41	
Average of Peak Amounts =					945				

27 Aroclor-1260					CAS #: 11096-82-5				
7.387	7.387	0.000	4612679	1000.00	1000	80.00-	120.00	100.00(M)	

Data File: vf466971.d
 Report Date: 10-Nov-2011 16:22

AMOUNTS									
			CAL-AMT		ON-COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.693	7.693	0.000	10119612	1000.00	970	175.51-	263.26	219.39	
8.147	8.147	0.000	11209808	1000.00	960	194.42-	291.63	243.02	
9.254	9.254	0.000	7563025	1000.00	1000	131.17-	196.75	163.96	
9.387	9.387	0.000	4170785	1000.00	1000	72.34-	108.50	90.42	
9.862	9.862	0.000	8180264	1000.00	1000	141.87-	212.81	177.34	
10.598	10.598	0.000	9466241	1000.00	1000	164.18-	246.27	205.22	
11.069	11.069	0.000	3822691	1000.00	1000	66.30-	99.45	82.87	
Average of Peak Amounts =					1.01e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.503	11.503	0.000	10904629	100.000	94	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466971.d

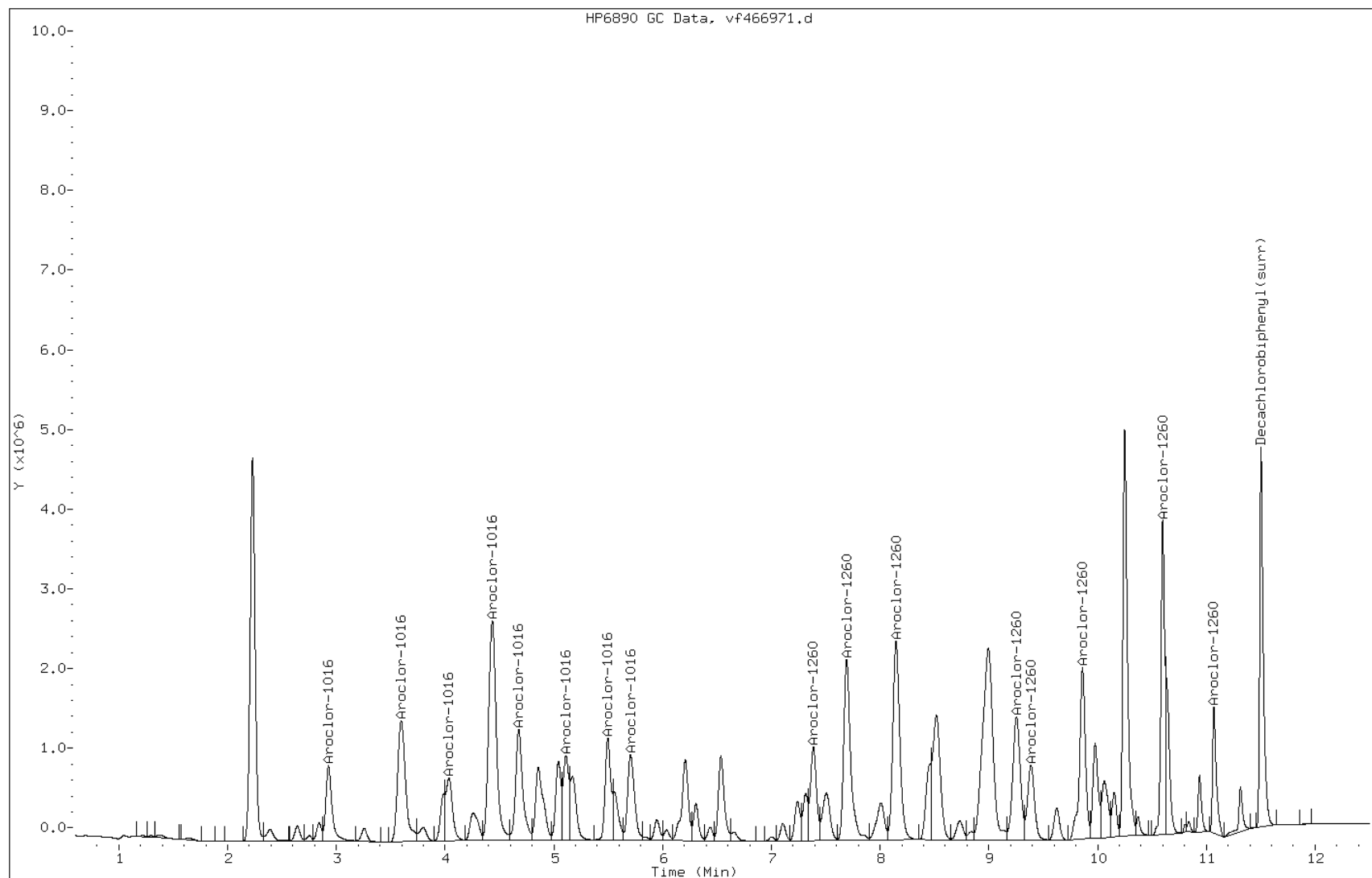
Date: 10-NOV-2011 14:15

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 280



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92579/2 Calibration Date: 11/10/2011 14:15
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466971.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	7256	6203		855	1000	-14.5	15.0
PCB-1016 Peak 2	Ave	12658	11320		894	1000	-10.6	15.0
PCB-1016 Peak 3	Ave	8237	8416		1020	1000	2.2	15.0
PCB-1016 Peak 4	Ave	27672	24063		870	1000	-13.0	15.0
PCB-1016 Peak 5	Ave	10897	10096		927	1000	-7.3	15.0
PCB-1016 Peak 6	Ave	11904	10970		922	1000	-7.8	15.0
PCB-1016 Peak 7	Ave	10409	9969		958	1000	-4.2	15.0
PCB-1016 Peak 8	Ave	5097	5214		1020	1000	2.3	15.0
PCB-1260 Peak 1	Ave	16308	15647		959	1000	-4.1	15.0
PCB-1260 Peak 2	Ave	29368	28682		977	1000	-2.3	15.0
PCB-1260 Peak 3	Ave	26314	27029		1030	1000	2.7	15.0
PCB-1260 Peak 4	Ave	13733	14436		1050	1000	5.1	15.0
PCB-1260 Peak 5	Ave	12890	13429		1040	1000	4.2	15.0
PCB-1260 Peak 6	Ave	15718	16375		1040	1000	4.2	15.0
PCB-1260 Peak 7	Ave	10091	11078		1100	1000	9.8	15.0
PCB-1260 Peak 8	Ave	7685	8604		1120	1000	12.0	15.0
DCB Decachlorobiphenyl	Ave	196372	195844		99.7	100	-0.3	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92579/2 Calibration Date: 11/10/2011 14:15
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466971.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.06	1.98	2.12
PCB-1016 Peak 2	2.50	2.41	2.55
PCB-1016 Peak 3	2.74	2.66	2.80
PCB-1016 Peak 4	3.10	3.01	3.15
PCB-1016 Peak 5	3.29	3.20	3.34
PCB-1016 Peak 6	3.63	3.55	3.69
PCB-1016 Peak 7	3.99	3.90	4.04
PCB-1016 Peak 8	4.14	4.05	4.19
PCB-1260 Peak 1	6.01	5.93	6.07
PCB-1260 Peak 2	6.46	6.38	6.52
PCB-1260 Peak 3	6.89	6.82	6.96
PCB-1260 Peak 4	7.09	7.02	7.16
PCB-1260 Peak 5	7.52	7.44	7.58
PCB-1260 Peak 6	8.77	8.70	8.84
PCB-1260 Peak 7	8.99	8.92	9.06
PCB-1260 Peak 8	10.09	10.02	10.16
DCB Decachlorobiphenyl	10.59	10.49	10.69

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/vr466971.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 10-NOV-2011 14:15
Operator : 280
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/08Vr8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.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				
2.060	2.049	0.011	6202970	1000.00	850	80.00-	120.00	100.00(M)	
2.498	2.483	0.015	11320267	1000.00	890	143.03-	214.55	182.50	
2.744	2.730	0.014	8416297	1000.00	1000	102.94-	154.41	135.68	
3.097	3.082	0.015	24063186	1000.00	870	305.66-	458.49	387.93	
3.291	3.274	0.017	10096060	1000.00	930	125.53-	188.29	162.76	
3.634	3.617	0.017	10970188	1000.00	920	133.99-	200.98	176.85	
3.990	3.975	0.015	9968984	1000.00	960	119.43-	179.14	160.71	
4.138	4.122	0.016	5214108	1000.00	1000	57.16-	85.74	84.06	
Average of Peak Amounts =					934				

27 Aroclor-1260					CAS #: 11096-82-5				
6.007	6.002	0.005	15646534	1000.00	960	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)									
6.457	6.453	0.004	28681854	1000.00	980	150.63-	225.94	183.31	
6.894	6.892	0.002	27028811	1000.00	1000	141.73-	212.60	172.75	
7.091	7.089	0.002	14436001	1000.00	1000	75.03-	112.54	92.26	
7.517	7.515	0.002	13428564	1000.00	1000	70.58-	105.86	85.82	
8.773	8.772	0.001	16374616	1000.00	1000	87.66-	131.48	104.65	
8.988	8.990	-0.002	11078119	1000.00	1100	58.83-	88.25	70.80	
10.092	10.093	-0.001	8603539	1000.00	1100	47.27-	70.91	54.99	
Average of Peak Amounts =					1.04e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.585	10.587	-0.002	19584401	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466971.d

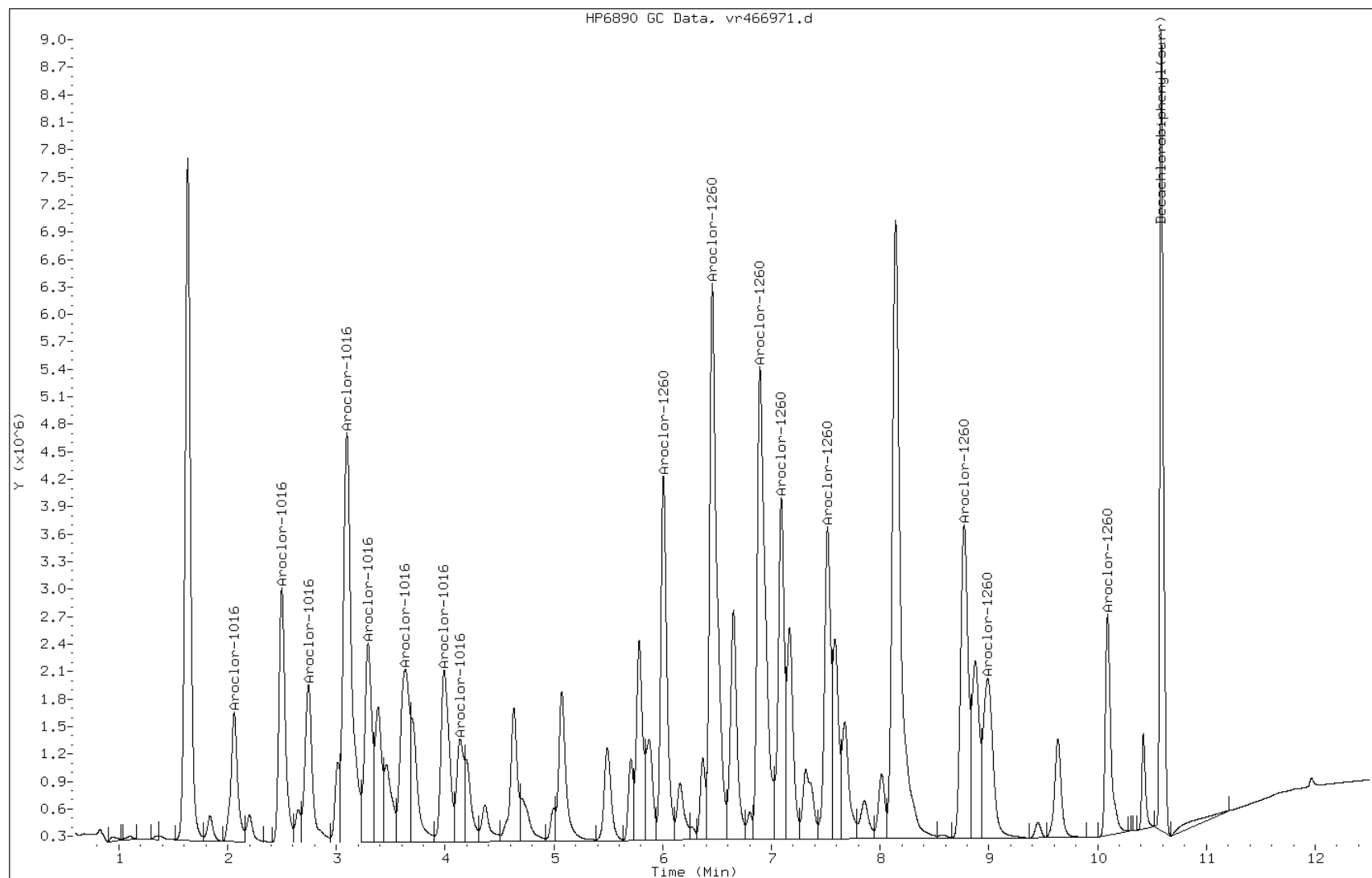
Date: 10-NOV-2011 14:15

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 280



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92579/8 Calibration Date: 11/10/2011 15:47
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466977.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	3769	3745		994	1000	-0.6	15.0
PCB-1016 Peak 2	Ave	8407	7810		929	1000	-7.1	15.0
PCB-1016 Peak 3	Ave	3559	3192		897	1000	-10.3	15.0
PCB-1016 Peak 4	Ave	14759	13689		928	1000	-7.2	15.0
PCB-1016 Peak 5	Ave	6856	6375		930	1000	-7.0	15.0
PCB-1016 Peak 6	Ave	4128	3887		942	1000	-5.8	15.0
PCB-1016 Peak 7	Ave	4988	4802		963	1000	-3.7	15.0
PCB-1016 Peak 8	Ave	4942	4793		970	1000	-3.0	15.0
PCB-1260 Peak 1	Ave	4621	4608		997	1000	-0.3	15.0
PCB-1260 Peak 2	Ave	10445	10161		973	1000	-2.7	15.0
PCB-1260 Peak 3	Ave	11620	11259		969	1000	-3.1	15.0
PCB-1260 Peak 4	Ave	7434	7613		1020	1000	2.4	15.0
PCB-1260 Peak 5	Ave	3980	4190		1050	1000	5.3	15.0
PCB-1260 Peak 6	Ave	7953	8361		1050	1000	5.1	15.0
PCB-1260 Peak 7	Ave	9408	9392		998	1000	-0.2	15.0
PCB-1260 Peak 8	Ave	3608	4128		1140	1000	14.4	15.0
DCB Decachlorobiphenyl	Ave	116145	113214		97.5	100	-2.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92579/8 Calibration Date: 11/10/2011 15:47
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466977.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.92	2.85	2.99
PCB-1016 Peak 2	3.59	3.52	3.66
PCB-1016 Peak 3	4.03	3.96	4.10
PCB-1016 Peak 4	4.43	4.36	4.50
PCB-1016 Peak 5	4.68	4.61	4.75
PCB-1016 Peak 6	5.11	5.04	5.18
PCB-1016 Peak 7	5.50	5.43	5.57
PCB-1016 Peak 8	5.71	5.64	5.78
PCB-1260 Peak 1	7.39	7.32	7.46
PCB-1260 Peak 2	7.70	7.63	7.77
PCB-1260 Peak 3	8.15	8.08	8.22
PCB-1260 Peak 4	9.26	9.19	9.33
PCB-1260 Peak 5	9.39	9.32	9.46
PCB-1260 Peak 6	9.87	9.80	9.94
PCB-1260 Peak 7	10.60	10.53	10.67
PCB-1260 Peak 8	11.07	11.00	11.14
DCB Decachlorobiphenyl	11.50	11.40	11.60

Data File: vf466977.d
Report Date: 10-Nov-2011 16:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/vf466977.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 10-NOV-2011 15:47
Operator : 280
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/08Vf8082.m
Meth Date : 10-Nov-2011 16:23 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466670.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			
2.922	2.922	0.000	3745061 1000.00	990 80.00- 120.00	100.00(M)	
3.591	3.591	0.000	7809751 1000.00	930 166.83- 250.24	208.53	
4.032	4.032	0.000	3191620 1000.00	900 68.18- 102.27	85.22	
4.432	4.432	0.000	13689027 1000.00	930 292.42- 438.63	365.52	
4.677	4.677	0.000	6374543 1000.00	930 136.17- 204.25	170.21	
5.112	5.112	0.000	3887368 1000.00	940 83.04- 124.56	103.80	
5.498	5.498	0.000	4801584 1000.00	960 102.57- 153.85	128.21	
5.707	5.707	0.000	4793456 1000.00	970 102.40- 153.59	127.99	
Average of Peak Amounts =			944			
27 Aroclor-1260			CAS #: 11096-82-5			
7.393	7.393	0.000	4607968 1000.00	1000 80.00- 120.00	100.00(M)	

Data File: vf466977.d
 Report Date: 10-Nov-2011 16:23

AMOUNTS									
RT	EXP RT	DLT RT	RESPONSE	CAL-AMT	ON-COL	TARGET	RANGE	RATIO	
				(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.700	7.700	0.000	10160545	1000.00	970	176.40-	264.60	220.50	
8.155	8.155	0.000	11258935	1000.00	970	195.47-	293.20	244.34	
9.263	9.263	0.000	7612978	1000.00	1000	132.17-	198.26	165.21	
9.395	9.395	0.000	4190129	1000.00	1000	72.75-	109.12	90.93	
9.867	9.867	0.000	8360676	1000.00	1000	145.15-	217.73	181.44	
10.602	10.602	0.000	9391813	1000.00	1000	163.05-	244.58	203.82	
11.072	11.072	0.000	4127705	1000.00	1100	71.66-	107.49	89.58	
Average of Peak Amounts =					1.03e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
11.505	11.505	0.000	11321369	100.000	97	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466977.d

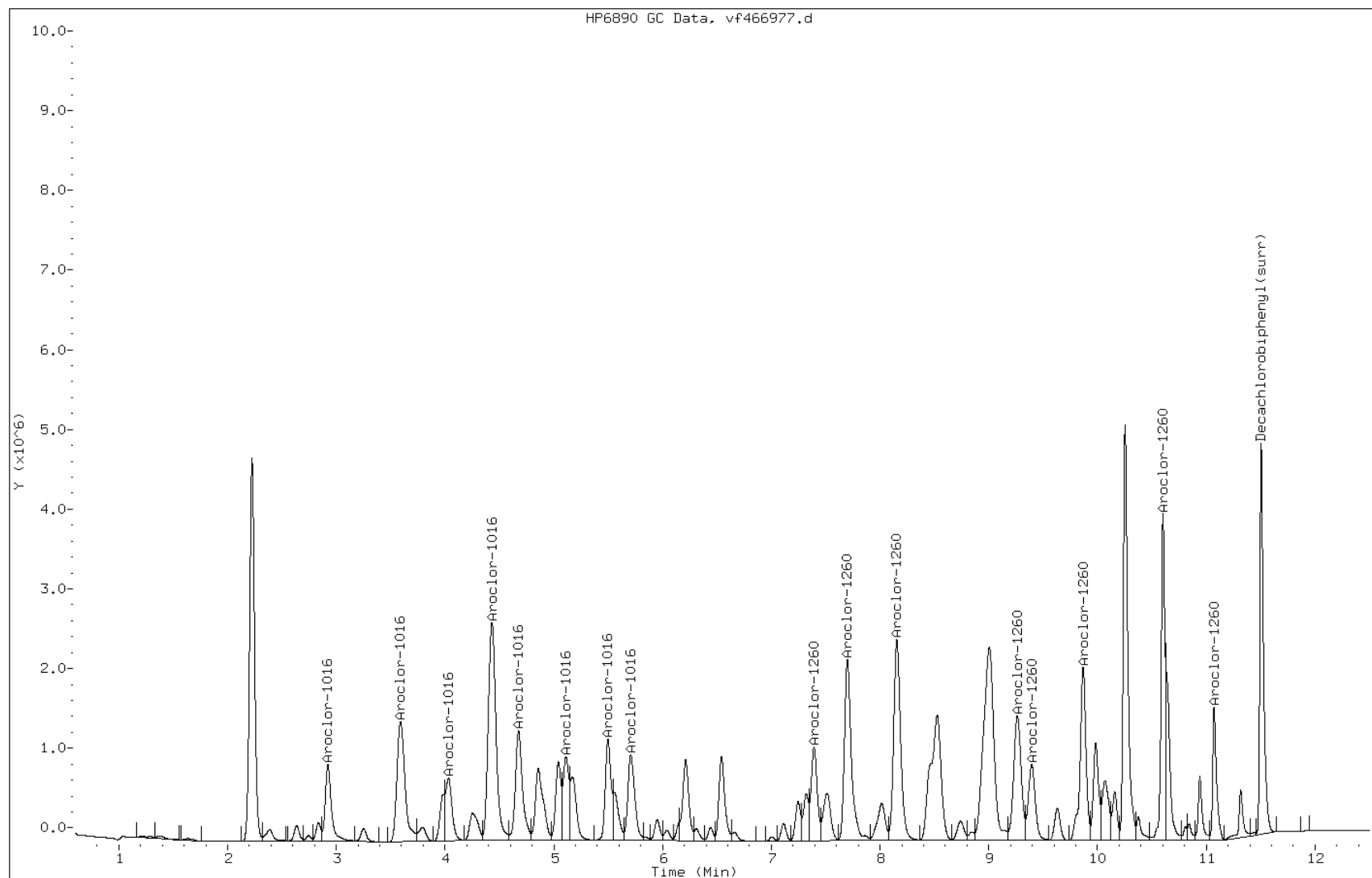
Date: 10-NOV-2011 15:47

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 280



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92579/8 Calibration Date: 11/10/2011 15:47
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466977.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	7256	6261		863	1000	-13.7	15.0
PCB-1016 Peak 2	Ave	12658	11194		884	1000	-11.6	15.0
PCB-1016 Peak 3	Ave	8237	8056		978	1000	-2.2	15.0
PCB-1016 Peak 4	Ave	27672	23920		864	1000	-13.6	15.0
PCB-1016 Peak 5	Ave	10897	9824		902	1000	-9.8	15.0
PCB-1016 Peak 6	Ave	11904	10486		881	1000	-11.9	15.0
PCB-1016 Peak 7	Ave	10409	9346		898	1000	-10.2	15.0
PCB-1016 Peak 8	Ave	5097	4473		878	1000	-12.2	15.0
PCB-1260 Peak 1	Ave	16308	14913		914	1000	-8.6	15.0
PCB-1260 Peak 2	Ave	29368	28078		956	1000	-4.4	15.0
PCB-1260 Peak 3	Ave	26314	26420		1000	1000	0.4	15.0
PCB-1260 Peak 4	Ave	13733	13986		1020	1000	1.8	15.0
PCB-1260 Peak 5	Ave	12890	13156		1020	1000	2.1	15.0
PCB-1260 Peak 6	Ave	15718	16340		1040	1000	4.0	15.0
PCB-1260 Peak 7	Ave	10091	10967		1090	1000	8.7	15.0
PCB-1260 Peak 8	Ave	7685	8812		1150	1000	14.7	15.0
DCB Decachlorobiphenyl	Ave	196372	201213		102	100	2.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92579/8 Calibration Date: 11/10/2011 15:47
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466977.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.05	1.98	2.12
PCB-1016 Peak 2	2.48	2.41	2.55
PCB-1016 Peak 3	2.73	2.66	2.80
PCB-1016 Peak 4	3.08	3.01	3.15
PCB-1016 Peak 5	3.27	3.20	3.34
PCB-1016 Peak 6	3.62	3.55	3.69
PCB-1016 Peak 7	3.97	3.90	4.04
PCB-1016 Peak 8	4.12	4.05	4.19
PCB-1260 Peak 1	6.00	5.93	6.07
PCB-1260 Peak 2	6.45	6.38	6.52
PCB-1260 Peak 3	6.89	6.82	6.96
PCB-1260 Peak 4	7.09	7.02	7.16
PCB-1260 Peak 5	7.51	7.44	7.58
PCB-1260 Peak 6	8.77	8.70	8.84
PCB-1260 Peak 7	8.99	8.92	9.06
PCB-1260 Peak 8	10.09	10.02	10.16
DCB Decachlorobiphenyl	10.59	10.49	10.69

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/vr466977.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 10-NOV-2011 15:47
Operator : 280
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/08Vr8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 30
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.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			
2.049	2.049	0.000	6260703 1000.00	860 80.00-	120.00	100.00(M)
2.483	2.483	0.000	11193616 1000.00	880 143.03-	214.55	178.79
2.730	2.730	0.000	8056060 1000.00	980 102.94-	154.41	128.68
3.082	3.082	0.000	23920477 1000.00	860 305.66-	458.49	382.07
3.274	3.274	0.000	9823610 1000.00	900 125.53-	188.29	156.91
3.617	3.617	0.000	10485865 1000.00	880 133.99-	200.98	167.49
3.975	3.975	0.000	9346083 1000.00	900 119.43-	179.14	149.28
4.122	4.122	0.000	4473103 1000.00	880 57.16-	85.74	71.45
Average of Peak Amounts =			893			
27 Aroclor-1260			CAS #: 11096-82-5			
6.002	6.002	0.000	14912848 1000.00	910 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)									
6.453	6.453	0.000	28078472	1000.00	960	150.63-	225.94	188.28	
6.892	6.892	0.000	26420149	1000.00	1000	141.73-	212.60	177.16	
7.089	7.089	0.000	13985856	1000.00	1000	75.03-	112.54	93.78	
7.515	7.515	0.000	13156113	1000.00	1000	70.58-	105.86	88.22	
8.772	8.772	0.000	16339874	1000.00	1000	87.66-	131.48	109.57	
8.990	8.990	0.000	10967134	1000.00	1100	58.83-	88.25	73.54	
10.093	10.093	0.000	8812390	1000.00	1100	47.27-	70.91	59.09	
Average of Peak Amounts =					1.02e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.587	10.587	0.000	20121315	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466977.d

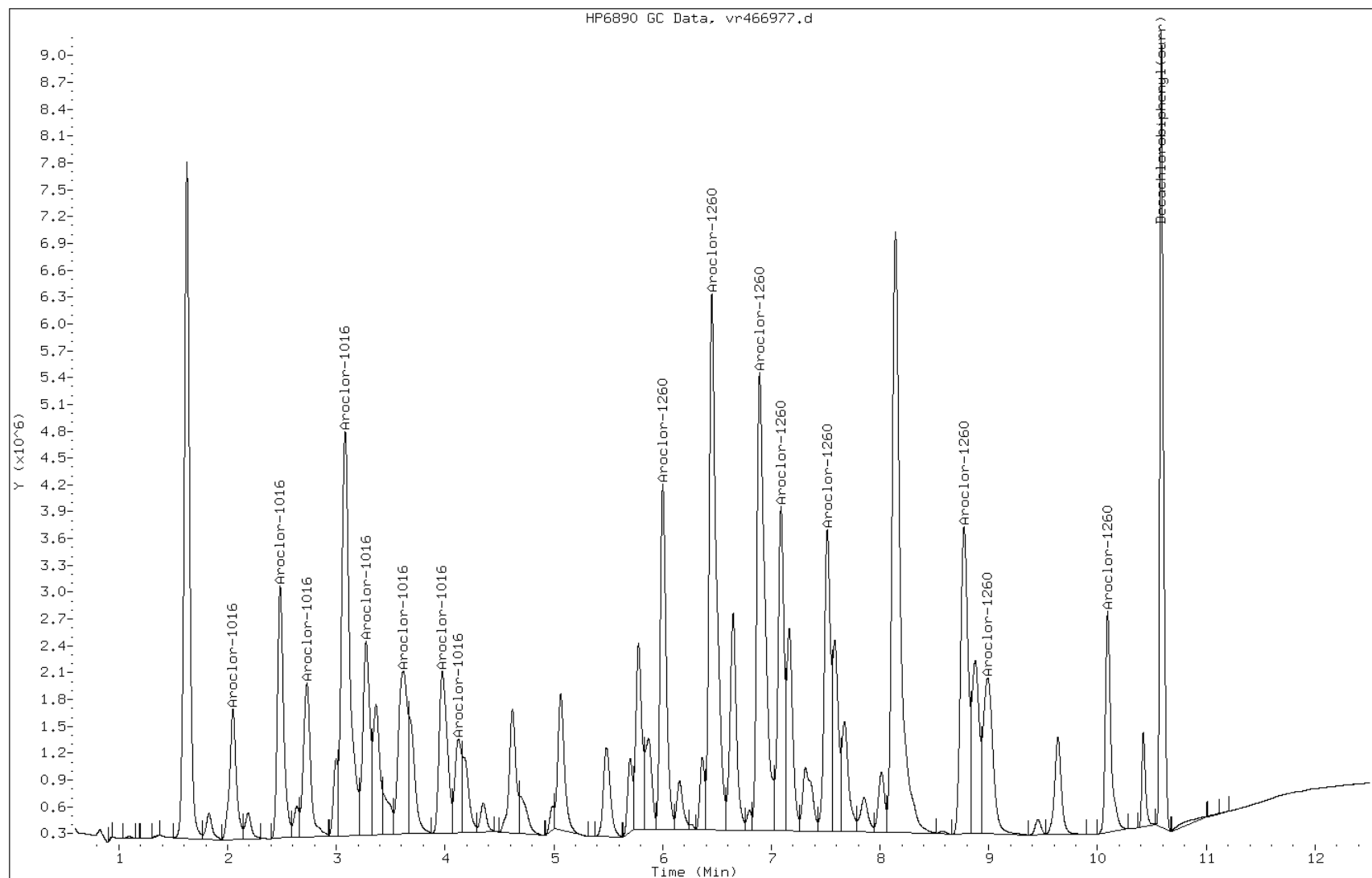
Date: 10-NOV-2011 15:47

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 280



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92863/2 Calibration Date: 11/10/2011 16:18
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466979.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	3769	3715		986	1000	-1.4	15.0
PCB-1016 Peak 2	Ave	8407	7766		924	1000	-7.6	15.0
PCB-1016 Peak 3	Ave	3559	3375		948	1000	-5.2	15.0
PCB-1016 Peak 4	Ave	14759	13563		919	1000	-8.1	15.0
PCB-1016 Peak 5	Ave	6856	6306		920	1000	-8.0	15.0
PCB-1016 Peak 6	Ave	4128	3895		944	1000	-5.6	15.0
PCB-1016 Peak 7	Ave	4988	4676		937	1000	-6.3	15.0
PCB-1016 Peak 8	Ave	4942	4693		950	1000	-5.0	15.0
PCB-1260 Peak 1	Ave	4621	4583		992	1000	-0.8	15.0
PCB-1260 Peak 2	Ave	10445	10092		966	1000	-3.4	15.0
PCB-1260 Peak 3	Ave	11620	11190		963	1000	-3.7	15.0
PCB-1260 Peak 4	Ave	7434	7587		1020	1000	2.1	15.0
PCB-1260 Peak 5	Ave	3980	4167		1050	1000	4.7	15.0
PCB-1260 Peak 6	Ave	7953	8226		1030	1000	3.4	15.0
PCB-1260 Peak 7	Ave	9408	9596		1020	1000	2.0	15.0
PCB-1260 Peak 8	Ave	3608	3815		1060	1000	5.7	15.0
DCB Decachlorobiphenyl	Ave	116145	111547		96.0	100	-4.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92863/2 Calibration Date: 11/10/2011 16:18
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466979.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.92	2.85	2.99
PCB-1016 Peak 2	3.59	3.52	3.66
PCB-1016 Peak 3	4.03	3.96	4.10
PCB-1016 Peak 4	4.43	4.36	4.50
PCB-1016 Peak 5	4.67	4.60	4.74
PCB-1016 Peak 6	5.11	5.04	5.18
PCB-1016 Peak 7	5.50	5.43	5.57
PCB-1016 Peak 8	5.71	5.64	5.78
PCB-1260 Peak 1	7.39	7.32	7.46
PCB-1260 Peak 2	7.70	7.63	7.77
PCB-1260 Peak 3	8.15	8.08	8.22
PCB-1260 Peak 4	9.26	9.19	9.33
PCB-1260 Peak 5	9.39	9.32	9.46
PCB-1260 Peak 6	9.87	9.80	9.94
PCB-1260 Peak 7	10.60	10.53	10.67
PCB-1260 Peak 8	11.07	11.00	11.14
DCB Decachlorobiphenyl	11.50	11.40	11.60

Data File: vf466979.d
 Report Date: 14-Nov-2011 09:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/vf466979.d
 Lab Smp Id: CCVRTSG1660L3_00013
 Inj Date : 10-NOV-2011 16:18
 Operator : 280
 Smp Info : CCVRT-SG1660L3_00013
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/08Vf8082.m
 Meth Date : 14-Nov-2011 09:44 shanthi
 Cal Date : 04-NOV-2011 04:57
 Als bottle: 32
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf466670.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			
2.920	2.920	0.000	3715337	1000.00	980 80.00- 120.00	100.00(M)
3.587	3.587	0.000	7766085	1000.00	920 167.22- 250.83	209.03
4.030	4.030	0.000	3375014	1000.00	950 72.67- 109.01	90.84
4.431	4.431	0.000	13562860	1000.00	920 292.04- 438.06	365.05
4.674	4.674	0.000	6305888	1000.00	920 135.78- 203.67	169.73
5.111	5.111	0.000	3894509	1000.00	940 83.86- 125.79	104.82
5.497	5.497	0.000	4675606	1000.00	940 100.68- 151.02	125.85
5.707	5.707	0.000	4692776	1000.00	950 101.05- 151.57	126.31
Average of Peak Amounts =			941			
27 Aroclor-1260			CAS #: 11096-82-5			
7.392	7.392	0.000	4582571	1000.00	990 80.00- 120.00	100.00(M)

Data File: vf466979.d
 Report Date: 14-Nov-2011 09:44

AMOUNTS								
			CAL-AMT		ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.699	7.699	0.000	10092176	1000.00	970	176.18-	264.28	220.23
8.153	8.153	0.000	11190005	1000.00	960	195.35-	293.02	244.19
9.262	9.262	0.000	7587070	1000.00	1000	132.45-	198.68	165.56
9.394	9.394	0.000	4166716	1000.00	1000	72.74-	109.11	90.93
9.867	9.867	0.000	8225649	1000.00	1000	143.60-	215.40	179.50
10.601	10.601	0.000	9596467	1000.00	1000	167.53-	251.29	209.41
11.071	11.071	0.000	3814560	1000.00	1000	66.59-	99.89	83.24
Average of Peak Amounts =					1.01e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.502	11.502	0.000	11154723	100.000	96	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466979.d

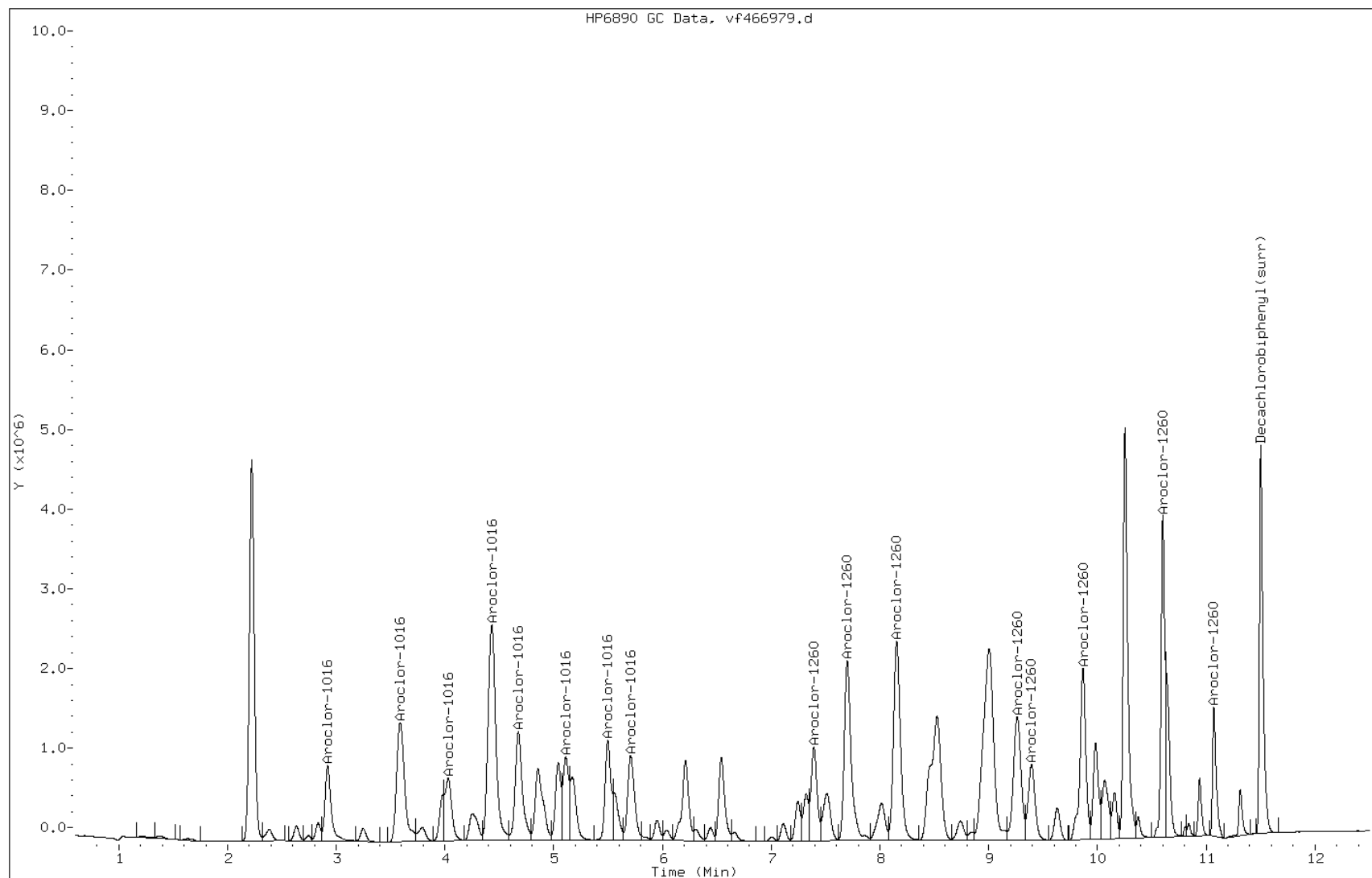
Date: 10-NOV-2011 16:18

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 280



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92863/2 Calibration Date: 11/10/2011 16:18
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466979.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	7256	6084		838	1000	-16.2*	15.0
PCB-1016 Peak 2	Ave	12658	11155		881	1000	-11.9	15.0
PCB-1016 Peak 3	Ave	8237	8210		997	1000	-0.3	15.0
PCB-1016 Peak 4	Ave	27672	23887		863	1000	-13.7	15.0
PCB-1016 Peak 5	Ave	10897	9946		913	1000	-8.7	15.0
PCB-1016 Peak 6	Ave	11904	11261		946	1000	-5.4	15.0
PCB-1016 Peak 7	Ave	10409	9779		939	1000	-6.1	15.0
PCB-1016 Peak 8	Ave	5097	3969		779	1000	-22.1*	15.0
PCB-1260 Peak 1	Ave	16308	15571		955	1000	-4.5	15.0
PCB-1260 Peak 2	Ave	29368	28564		973	1000	-2.7	15.0
PCB-1260 Peak 3	Ave	26314	26874		1020	1000	2.1	15.0
PCB-1260 Peak 4	Ave	13733	14302		1040	1000	4.1	15.0
PCB-1260 Peak 5	Ave	12890	13343		1040	1000	3.5	15.0
PCB-1260 Peak 6	Ave	15718	16259		1030	1000	3.4	15.0
PCB-1260 Peak 7	Ave	10091	11283		1120	1000	11.8	15.0
PCB-1260 Peak 8	Ave	7685	8105		1050	1000	5.5	15.0
DCB Decachlorobiphenyl	Ave	196372	201217		102	100	2.5	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCVRT 460-92863/2 Calibration Date: 11/10/2011 16:18
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466979.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.05	1.98	2.12
PCB-1016 Peak 2	2.48	2.41	2.55
PCB-1016 Peak 3	2.73	2.66	2.80
PCB-1016 Peak 4	3.08	3.01	3.15
PCB-1016 Peak 5	3.27	3.20	3.34
PCB-1016 Peak 6	3.61	3.54	3.68
PCB-1016 Peak 7	3.97	3.90	4.04
PCB-1016 Peak 8	4.15	4.05	4.19
PCB-1260 Peak 1	6.00	5.93	6.07
PCB-1260 Peak 2	6.45	6.38	6.52
PCB-1260 Peak 3	6.89	6.82	6.96
PCB-1260 Peak 4	7.09	7.02	7.16
PCB-1260 Peak 5	7.51	7.44	7.58
PCB-1260 Peak 6	8.77	8.70	8.84
PCB-1260 Peak 7	8.99	8.92	9.06
PCB-1260 Peak 8	10.09	10.02	10.16
DCB Decachlorobiphenyl	10.59	10.49	10.69

Data File: vr466979.d
Report Date: 14-Nov-2011 09:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/vr466979.d
Lab Smp Id: CCVRTSG1660L3_00013
Inj Date : 10-NOV-2011 16:18
Operator : 280
Smp Info : CCVRT-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/08Vr8082.m
Meth Date : 14-Nov-2011 09:46 shanthi Quant Type: ESTD
Cal Date : 04-NOV-2011 04:57 Cal File: vr466670.d
Als bottle: 32 Continuing Calibration Sample
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 RESPONSE (ug/L)	ON - COL (ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2			
2.047	2.047	0.000	6083937 1000.00	840 80.00- 120.00	100.00(M)	
2.482	2.482	0.000	11155259 1000.00	880 146.68- 220.03	183.36	
2.727	2.727	0.000	8209821 1000.00	1000 107.95- 161.93	134.94	
3.079	3.079	0.000	23887080 1000.00	860 314.10- 471.15	392.63	
3.271	3.271	0.000	9945770 1000.00	910 130.78- 196.17	163.48	
3.612	3.612	0.000	11260508 1000.00	940 148.07- 222.10	185.09	
3.972	3.972	0.000	9778522 1000.00	940 128.58- 192.87	160.73	
4.154	4.154	0.000	3969241 1000.00	780 52.19- 78.29	65.24	
Average of Peak Amounts =			895			
27 Aroclor-1260			CAS #: 11096-82-5			
6.002	6.002	0.000	15570519 1000.00	950 80.00- 120.00	100.00(M)	

Data File: vr466979.d
 Report Date: 14-Nov-2011 09:46

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.452	6.452	0.000	28564435	1000.00	970	146.76-	220.14	183.45	
6.892	6.892	0.000	26873913	1000.00	1000	138.08-	207.11	172.59	
7.087	7.087	0.000	14302018	1000.00	1000	73.48-	110.22	91.85	
7.514	7.514	0.000	13343088	1000.00	1000	68.56-	102.83	85.69	
8.772	8.772	0.000	16258667	1000.00	1000	83.54-	125.30	104.42	
8.989	8.989	0.000	11282998	1000.00	1100	57.97-	86.96	72.46	
10.093	10.093	0.000	8104760	1000.00	1000	41.64-	62.46	52.05	
Average of Peak Amounts =					1.03e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.586	10.586	0.000	20121697	100.000	100	80.00-	120.00	100.00(M)	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466979.d

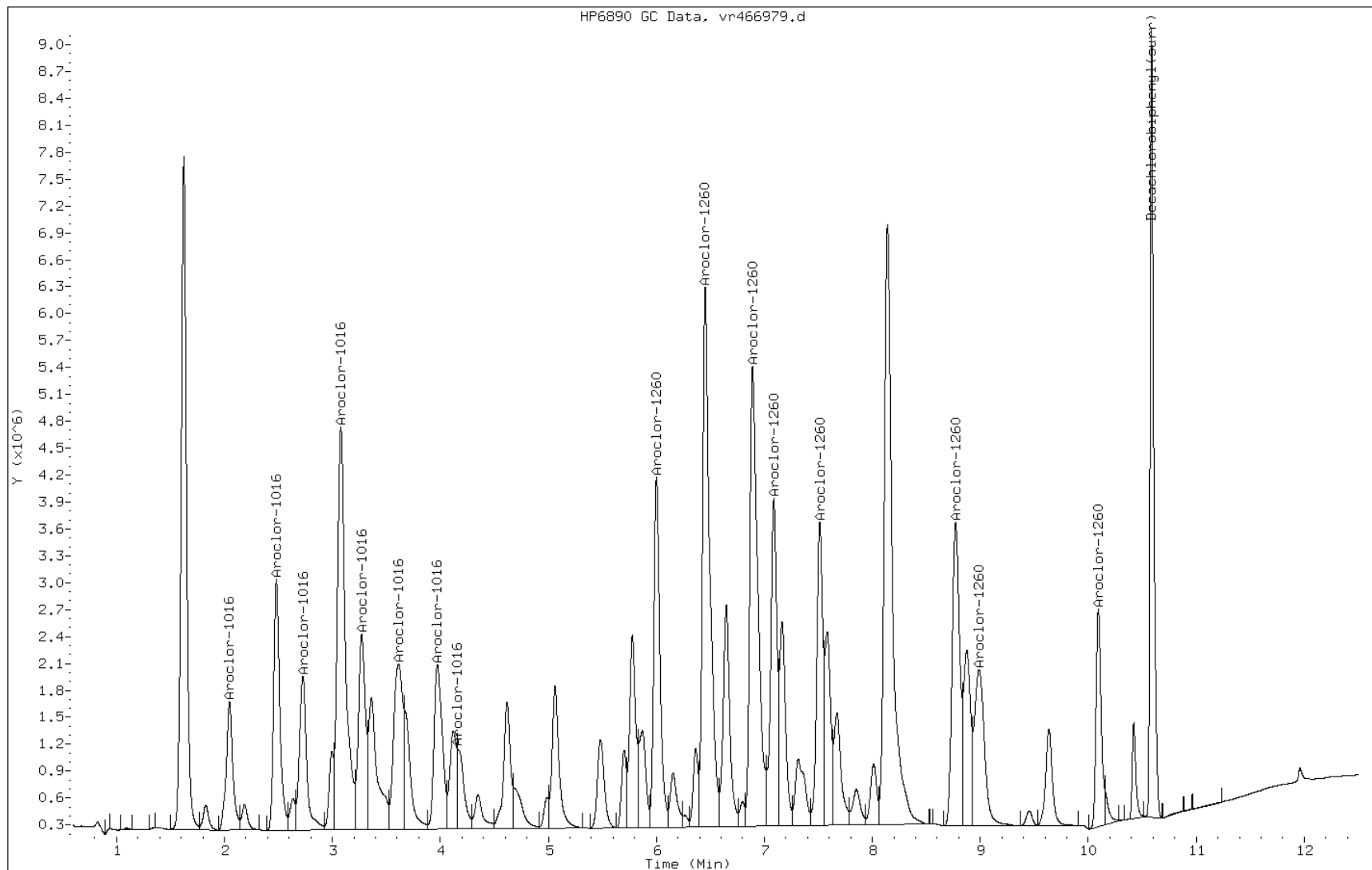
Date: 10-NOV-2011 16:18

Client ID:

Instrument: PESTGC9.i

Sample Info: CCVRT-SG1660L3_00013

Operator: 280

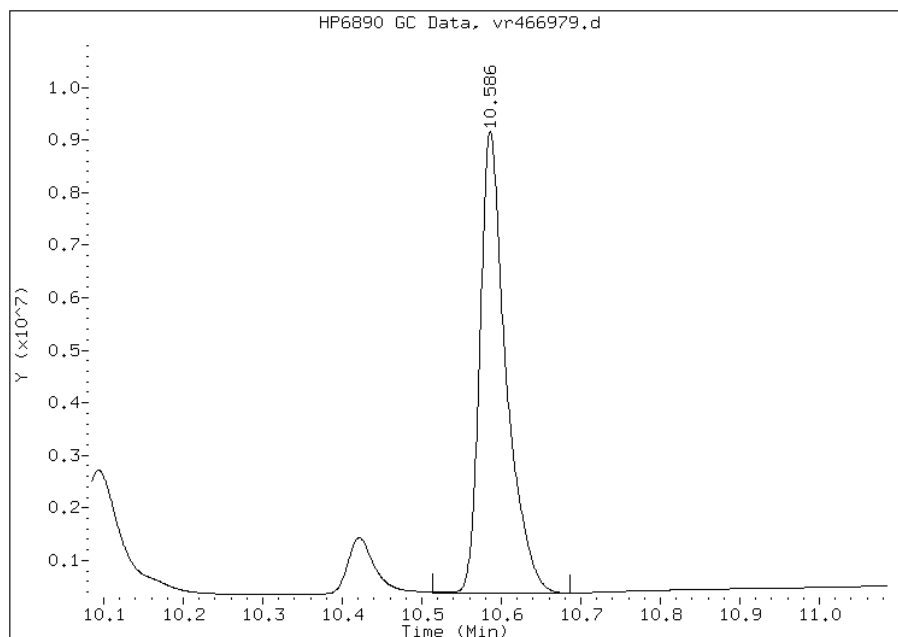


Manual Integration Report

Data File: vr466979.d
Inj. Date and Time: 10-NOV-2011 16:18
Instrument ID: PESTGC9.i
Client ID:
Compound: 30 Decachlorobiphenyl(surr)
CAS #: 2051-24-3
Report Date: 11/14/2011

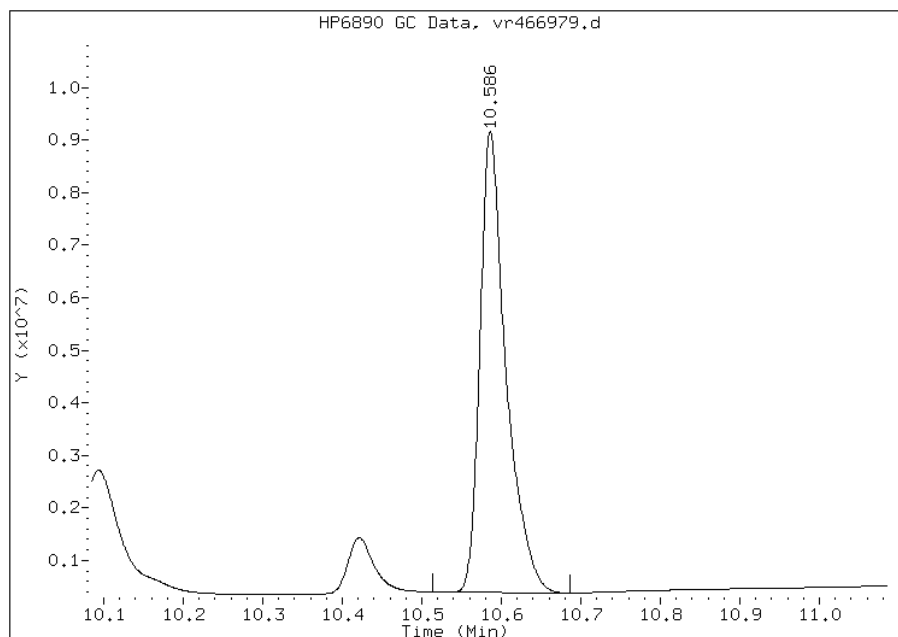
Processing Integration Results

RT: 10.59
Response: 20186117
Amount: 102.80
Conc: 68.53



Manual Integration Results

RT: 10.59
Response: 20121697
Amount: 102.47
Conc: 102.47



Manually Integrated By: shanthi
Manual Integration Reason:

FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92863/11 Calibration Date: 11/10/2011 18:36
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466988.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	3769	3900		1030	1000	3.5	15.0
PCB-1016 Peak 2	Ave	8407	8189		974	1000	-2.6	15.0
PCB-1016 Peak 3	Ave	3559	3535		993	1000	-0.7	15.0
PCB-1016 Peak 4	Ave	14759	14379		974	1000	-2.6	15.0
PCB-1016 Peak 5	Ave	6856	6652		970	1000	-3.0	15.0
PCB-1016 Peak 6	Ave	4128	4019		974	1000	-2.6	15.0
PCB-1016 Peak 7	Ave	4988	4777		958	1000	-4.2	15.0
PCB-1016 Peak 8	Ave	4942	4924		996	1000	-0.4	15.0
PCB-1260 Peak 1	Ave	4621	4791		1040	1000	3.7	15.0
PCB-1260 Peak 2	Ave	10445	10559		1010	1000	1.1	15.0
PCB-1260 Peak 3	Ave	11620	11685		1010	1000	0.6	15.0
PCB-1260 Peak 4	Ave	7434	7877		1060	1000	6.0	15.0
PCB-1260 Peak 5	Ave	3980	4313		1080	1000	8.4	15.0
PCB-1260 Peak 6	Ave	7953	8413		1060	1000	5.8	15.0
PCB-1260 Peak 7	Ave	9408	9618		1020	1000	2.2	15.0
PCB-1260 Peak 8	Ave	3608	3896		1080	1000	8.0	15.0
DCB Decachlorobiphenyl	Ave	116145	111465		96.0	100	-4.0	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92863/11 Calibration Date: 11/10/2011 18:36
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-2 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vf466988.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.92	2.85	2.99
PCB-1016 Peak 2	3.59	3.52	3.66
PCB-1016 Peak 3	4.03	3.96	4.10
PCB-1016 Peak 4	4.43	4.36	4.50
PCB-1016 Peak 5	4.67	4.60	4.74
PCB-1016 Peak 6	5.11	5.04	5.18
PCB-1016 Peak 7	5.50	5.43	5.57
PCB-1016 Peak 8	5.71	5.64	5.78
PCB-1260 Peak 1	7.39	7.32	7.46
PCB-1260 Peak 2	7.70	7.63	7.77
PCB-1260 Peak 3	8.15	8.08	8.22
PCB-1260 Peak 4	9.26	9.19	9.33
PCB-1260 Peak 5	9.39	9.32	9.46
PCB-1260 Peak 6	9.87	9.80	9.94
PCB-1260 Peak 7	10.60	10.53	10.67
PCB-1260 Peak 8	11.07	11.00	11.14
DCB Decachlorobiphenyl	11.50	11.40	11.60

Data File: vf466988.d
Report Date: 14-Nov-2011 09:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/vf466988.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 10-NOV-2011 18:36
Operator : 280
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/08Vf8082.m
Meth Date : 14-Nov-2011 09:45 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466670.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		ON - COL	TARGET RANGE		RATIO	
==	=====	=====	RESPONSE	(ug/L)	(ug/L)	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.920	2.920	0.000	3900329	1000.00	1000	80.00-	120.00	100.00(M)	
3.587	3.587	0.000	8189331	1000.00	970	167.97-	251.96	209.97	
4.029	4.029	0.000	3535153	1000.00	990	72.51-	108.76	90.64	
4.430	4.430	0.000	14378663	1000.00	970	294.92-	442.38	368.65	
4.674	4.674	0.000	6652140	1000.00	970	136.44-	204.66	170.55	
5.111	5.111	0.000	4018693	1000.00	970	82.43-	123.64	103.03	
5.497	5.497	0.000	4777495	1000.00	960	97.99-	146.99	122.49	
5.706	5.706	0.000	4923533	1000.00	1000	100.99-	151.48	126.23	
Average of Peak Amounts =					984				
27 Aroclor-1260					CAS #: 11096-82-5				
7.392	7.392	0.000	4791211	1000.00	1000	80.00-	120.00	100.00(M)	

Data File: vf466988.d
 Report Date: 14-Nov-2011 09:45

AMOUNTS								
RT	EXP RT	DLT RT	CAL-AMT		ON-COL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/L)			
==	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)								
7.698	7.698	0.000	10558586	1000.00	1000	176.30-	264.45	220.37
8.153	8.153	0.000	11685030	1000.00	1000	195.11-	292.66	243.88
9.262	9.262	0.000	7876681	1000.00	1000	131.52-	197.28	164.40
9.395	9.395	0.000	4312984	1000.00	1100	72.01-	108.02	90.02
9.867	9.867	0.000	8412949	1000.00	1000	140.47-	210.71	175.59
10.602	10.602	0.000	9617928	1000.00	1000	160.59-	240.89	200.74
11.072	11.072	0.000	3895858	1000.00	1100	65.05-	97.58	81.31
Average of Peak Amounts =					1.04e+03			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
11.502	11.502	0.000	11146541	100.000	96	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466988.d

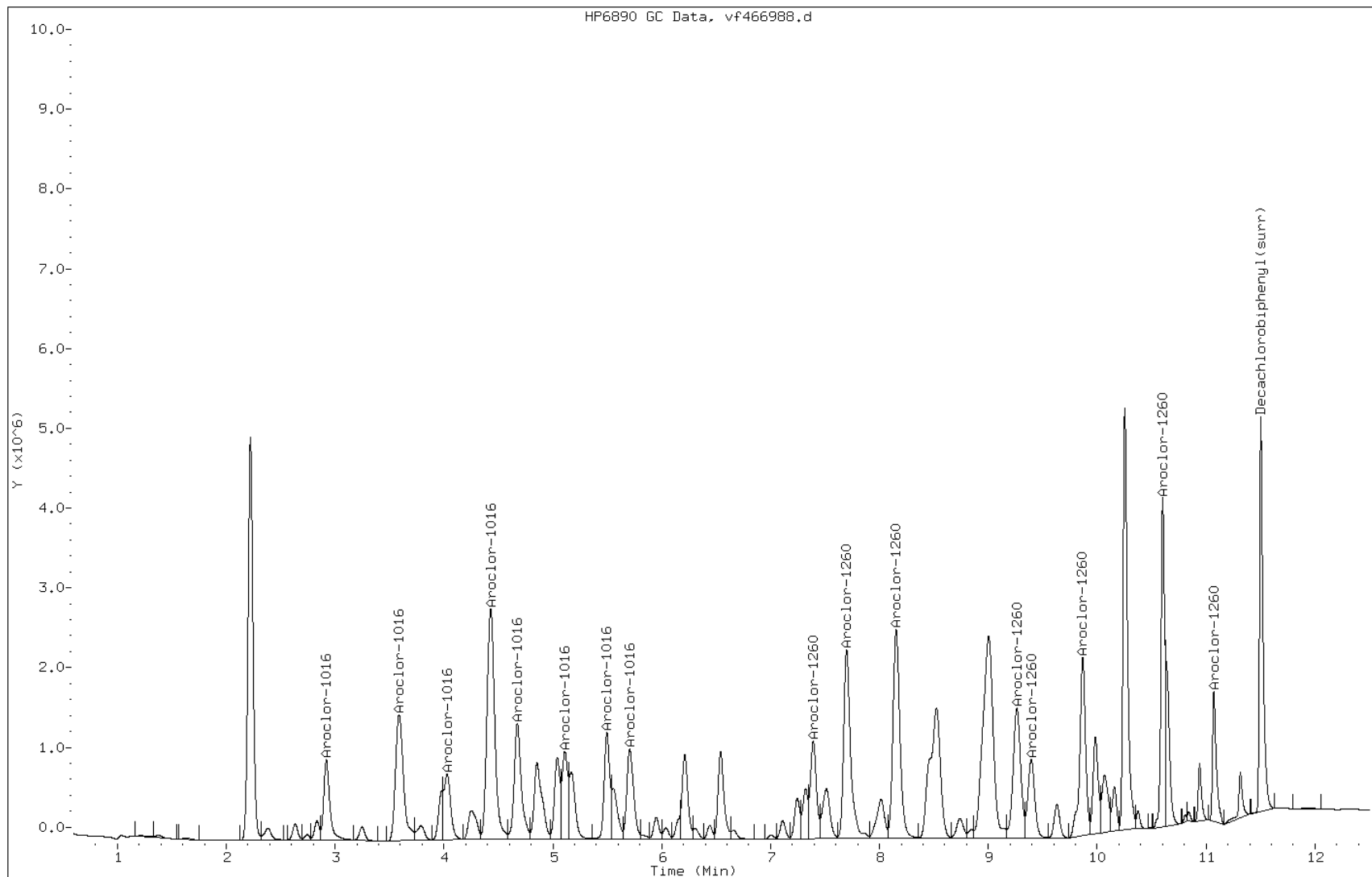
Date: 10-NOV-2011 18:36

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 280



FORM VII
GC SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92863/11 Calibration Date: 11/10/2011 18:36
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466988.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	7256	6478		893	1000	-10.7	15.0
PCB-1016 Peak 2	Ave	12658	11408		901	1000	-9.9	15.0
PCB-1016 Peak 3	Ave	8237	8120		986	1000	-1.4	15.0
PCB-1016 Peak 4	Ave	27672	24848		898	1000	-10.2	15.0
PCB-1016 Peak 5	Ave	10897	10271		943	1000	-5.7	15.0
PCB-1016 Peak 6	Ave	11904	11372		955	1000	-4.5	15.0
PCB-1016 Peak 7	Ave	10409	9748		937	1000	-6.3	15.0
PCB-1016 Peak 8	Ave	5097	4679		918	1000	-8.2	15.0
PCB-1260 Peak 1	Ave	16308	15387		944	1000	-5.6	15.0
PCB-1260 Peak 2	Ave	29368	28943		986	1000	-1.4	15.0
PCB-1260 Peak 3	Ave	26314	27228		1030	1000	3.5	15.0
PCB-1260 Peak 4	Ave	13733	14563		1060	1000	6.0	15.0
PCB-1260 Peak 5	Ave	12890	13553		1050	1000	5.1	15.0
PCB-1260 Peak 6	Ave	15718	16917		1080	1000	7.6	15.0
PCB-1260 Peak 7	Ave	10091	11146		1100	1000	10.5	15.0
PCB-1260 Peak 8	Ave	7685	8157		1060	1000	6.1	15.0
DCB Decachlorobiphenyl	Ave	196372	205560		105	100	4.7	15.0

FORM VII
GC SEMI VOA CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: CCV 460-92863/11 Calibration Date: 11/10/2011 18:36
 Instrument ID: PESTGC9 Calib Start Date: 11/04/2011 01:32
 GC Column: CLP-1 ID: 0.53 (mm) Calib End Date: 11/04/2011 03:07
 Lab File ID: vr466988.d

Analyte	RT	RT WINDOW	
		TO	FROM
PCB-1016 Peak 1	2.05	1.98	2.12
PCB-1016 Peak 2	2.48	2.41	2.55
PCB-1016 Peak 3	2.73	2.66	2.80
PCB-1016 Peak 4	3.08	3.01	3.15
PCB-1016 Peak 5	3.27	3.20	3.34
PCB-1016 Peak 6	3.61	3.54	3.68
PCB-1016 Peak 7	3.97	3.90	4.04
PCB-1016 Peak 8	4.12	4.05	4.19
PCB-1260 Peak 1	6.00	5.93	6.07
PCB-1260 Peak 2	6.45	6.38	6.52
PCB-1260 Peak 3	6.89	6.82	6.96
PCB-1260 Peak 4	7.09	7.02	7.16
PCB-1260 Peak 5	7.51	7.44	7.58
PCB-1260 Peak 6	8.77	8.70	8.84
PCB-1260 Peak 7	8.99	8.92	9.06
PCB-1260 Peak 8	10.09	10.02	10.16
DCB Decachlorobiphenyl	10.59	10.49	10.69

Data File: vr466988.d
Report Date: 14-Nov-2011 09:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/vr466988.d
Lab Smp Id: CCV-SG1660L3_00013
Inj Date : 10-NOV-2011 18:36
Operator : 280
Smp Info : CCV-SG1660L3_00013
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/08Vr8082.m
Meth Date : 14-Nov-2011 09:47 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 41
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.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	RESPONSE	CAL -AMT (ug/L)	ON -COL (ug/L)	TARGET RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2			
2.047	2.047	0.000	6477752	1000.00	890	80.00-	120.00	100.00(M)
2.482	2.482	0.000	11408042	1000.00	900	140.89-	211.33	176.11
2.727	2.727	0.000	8120380	1000.00	980	100.29-	150.43	125.36
3.078	3.078	0.000	24848100	1000.00	900	306.87-	460.31	383.59
3.271	3.271	0.000	10271116	1000.00	940	126.85-	190.27	158.56
3.612	3.612	0.000	11371578	1000.00	960	140.44-	210.66	175.55
3.972	3.972	0.000	9747916	1000.00	940	120.39-	180.58	150.48
4.119	4.119	0.000	4679234	1000.00	920	57.79-	86.68	72.24
Average of Peak Amounts =					929			

27 Aroclor-1260					CAS #: 11096-82-5			
6.001	6.001	0.000	15386838	1000.00	940	80.00-	120.00	100.00(M)

Data File: vr466988.d
 Report Date: 14-Nov-2011 09:47

AMOUNTS									
			CAL -AMT		ON -COL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====		=====	
27 Aroclor-1260 (continued)									
6.452	6.452	0.000	28943127	1000.00	980	150.48-	225.72	188.10	
6.891	6.891	0.000	27228016	1000.00	1000	141.57-	212.35	176.96	
7.087	7.087	0.000	14562715	1000.00	1100	75.72-	113.57	94.64	
7.513	7.513	0.000	13552956	1000.00	1000	70.47-	105.70	88.08	
8.771	8.771	0.000	16917200	1000.00	1100	87.96-	131.94	109.95	
8.988	8.988	0.000	11146472	1000.00	1100	57.95-	86.93	72.44	
10.092	10.092	0.000	8157205	1000.00	1100	42.41-	63.62	53.01	
Average of Peak Amounts =					1.04e+03				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.586	10.586	0.000	20556009	100.000	100	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466988.d

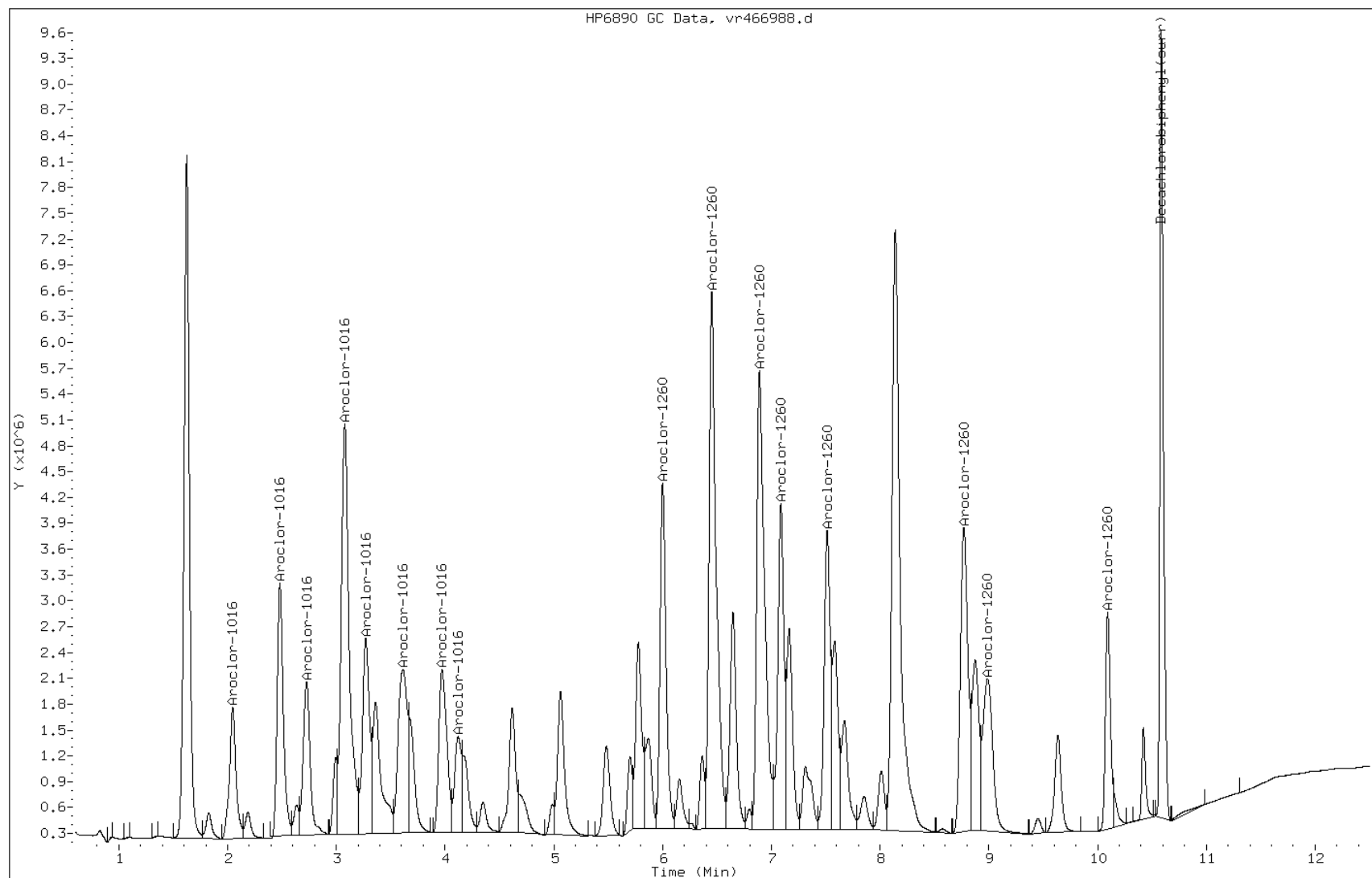
Date: 10-NOV-2011 18:36

Client ID:

Instrument: PESTGC9.i

Sample Info: CCV-SG1660L3_00013

Operator: 280



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-91916/1-A
Matrix: Water Lab File ID: of179773.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
Sample wt/vol: 1000 (mL) Date Analyzed: 11/08/2011 18:45
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92311 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		37-150

Data File: of179773.d
Report Date: 09-Nov-2011 03:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179773.d
Lab Smp Id: MB 460-91916/1-A
Inj Date : 08-NOV-2011 18:45
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-91916/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 37
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
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.573	10.575	-0.002	277074	79.9456	53 80.00- 120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: of179773.d

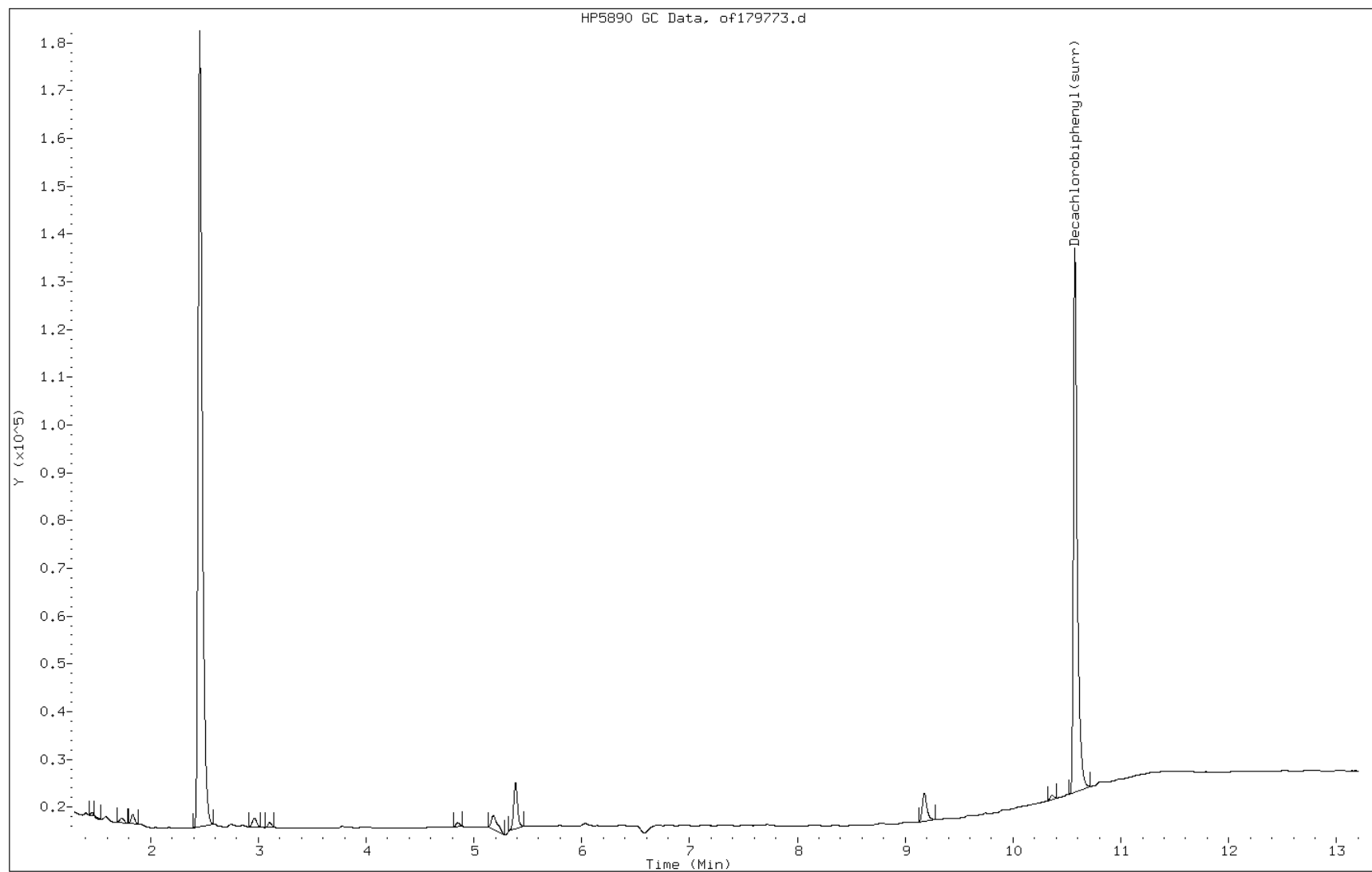
Date: 08-NOV-2011 18:45

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-91916/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-91916/1-A
 Matrix: Water Lab File ID: or179773.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/08/2011 18:45
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 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	87		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179773.d
Lab Smp Id: MB 460-91916/1-A
Inj Date : 08-NOV-2011 18:45
Operator : Inst ID: PESTGC7.i
Smp Info : MB 460-91916/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 37
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
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.400	9.402	-0.002	272909	86.7424	58 80.00- 120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: or179773.d

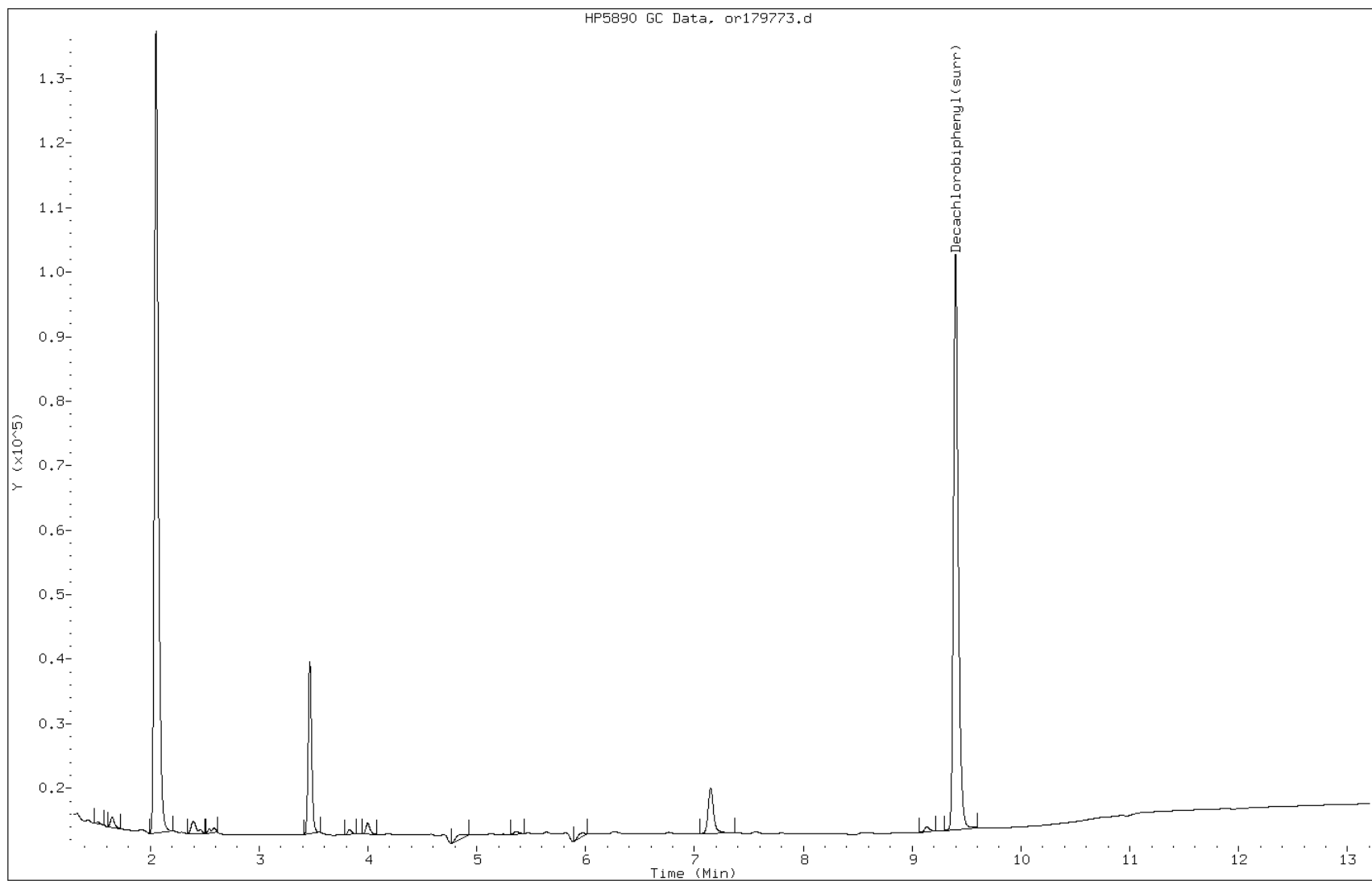
Date: 08-NOV-2011 18:45

Client ID:

Instrument: PESTGC7.i

Sample Info: MB 460-91916/1-A

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Client Sample ID: _____ Lab Sample ID: MB 460-92466/1-A
Matrix: Water Lab File ID: vf466972.d
Analysis Method: 8082 Date Collected: _____
Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
Sample wt/vol: 1000 (mL) Date Analyzed: 11/10/2011 14:30
Con. Extract Vol.: 5 (mL) Dilution Factor: 1
Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
% Moisture: _____ GPC Cleanup: (Y/N) N
Analysis Batch No.: 92579 Units: ug/L

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

Data File: vf466972.d
 Report Date: 10-Nov-2011 16:22

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/vf466972.d
 Lab Smp Id: MB 460-92466/1-A
 Inj Date : 10-NOV-2011 14:30
 Operator : 280
 Smp Info : MB 460-92466/1-A
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/08Vf8082.m
 Meth Date : 10-Nov-2011 16:22 shanthi
 Cal Date : 04-NOV-2011 04:57
 Als bottle: 25
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vf466670.d
 QC Sample: BLANK
 Compound Sublist: AllPCB.sub
 Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS						
		ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====
\$ 30	Decachlorobiphenyl(surr)		CAS #:	2051-24-3		
11.507	11.503	0.004	10086348	86.8426	0.43 80.00- 120.00	100.00

Data File: vf466972.d

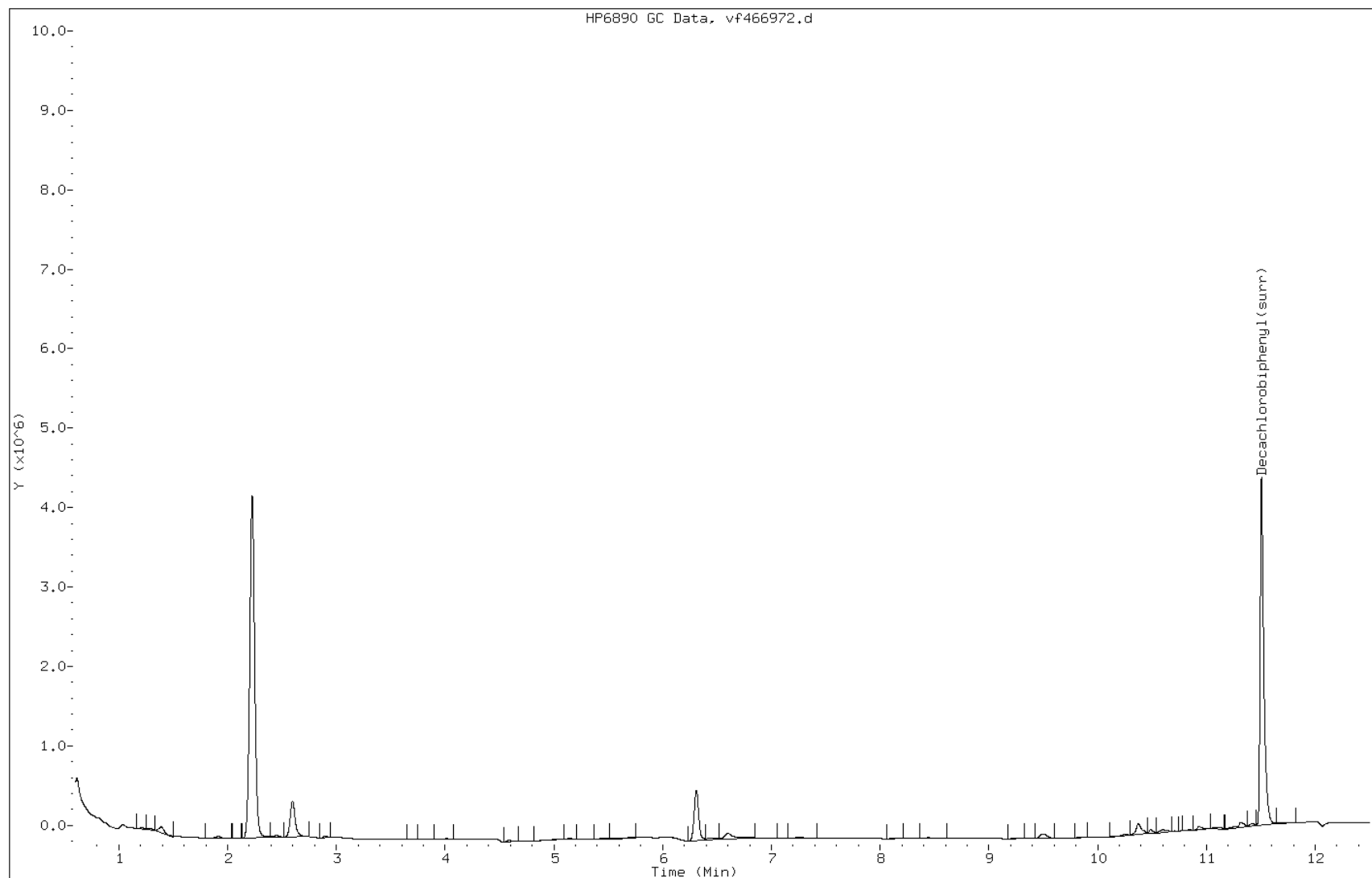
Date: 10-NOV-2011 14:30

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-92466/1-A

Operator: 280



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 460-92466/1-A
 Matrix: Water Lab File ID: vr466972.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/10/2011 14:30
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92579 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	91		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/vr466972.d
Lab Smp Id: MB 460-92466/1-A
Inj Date : 10-NOV-2011 14:30
Operator : 280
Smp Info : MB 460-92466/1-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/08Vr8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.d
QC Sample: BLANK
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL						
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO			
==	=====	=====	=====	=====	=====	=====		=====	
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3						
10.585	10.587	-0.002	17808616	90.6881	0.45	80.00- 120.00	100.00		

Data File: vr466972.d

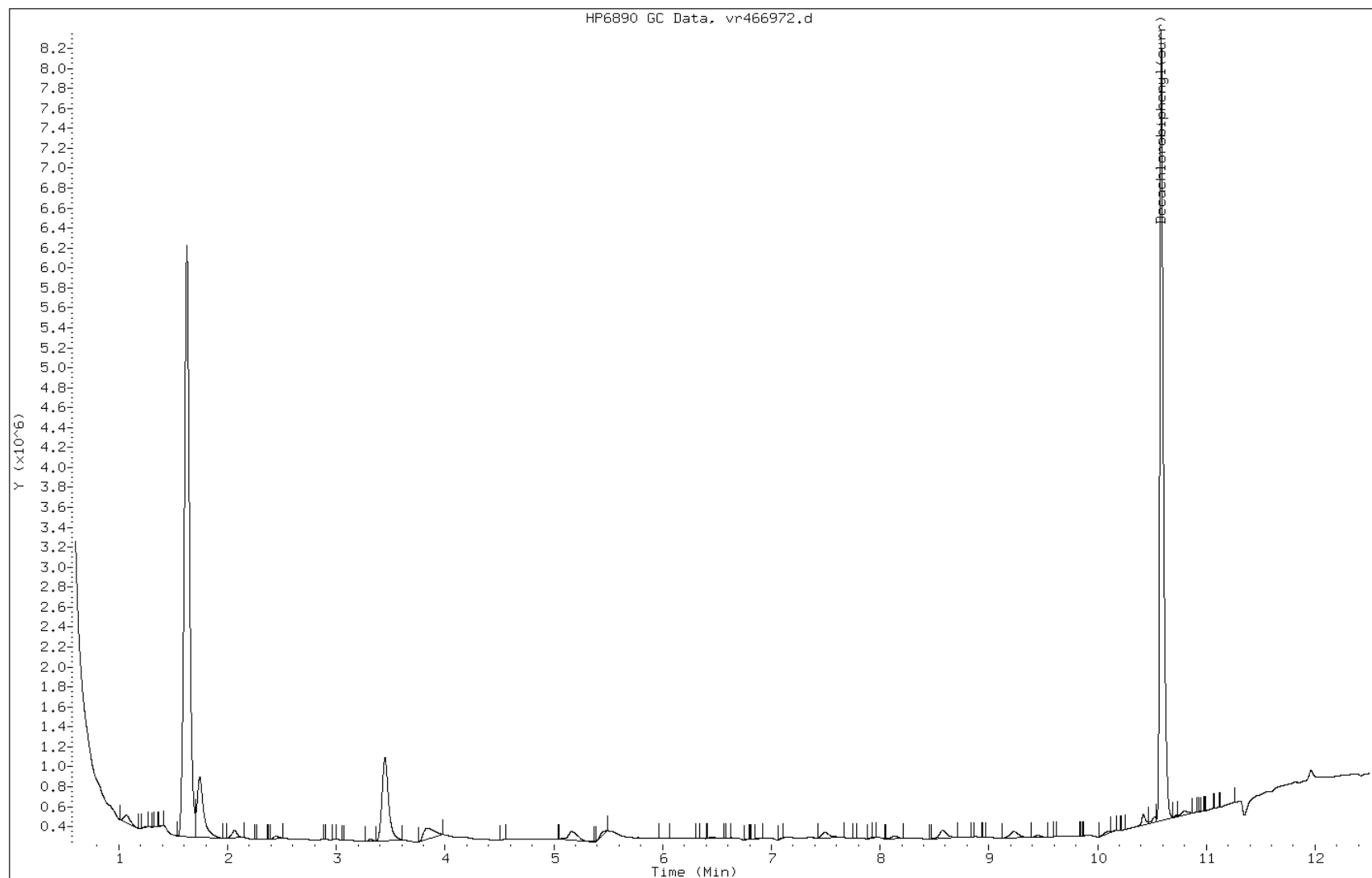
Date: 10-NOV-2011 14:30

Client ID:

Instrument: PESTGC9.i

Sample Info: MB 460-92466/1-A

Operator: 280



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92311/1
 Matrix: Water Lab File ID: of179771.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/08/2011 18:12
 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.: 92311 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	162		0.50	0.12
53469-21-9	PCB-1242	76.2		0.50	0.12
12672-29-6	PCB-1248	71.4		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: of179771.d
 Report Date: 09-Nov-2011 03:16

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179771.d
 Lab Smp Id: SGPIBLK_00008
 Inj Date : 08-NOV-2011 18:12
 Operator : Inst ID: PESTGC7.i
 Smp Info : SGPIBLK_00008
 Misc Info :
 Comment :
 Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
 Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
 Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
 Als bottle: 35
 Dil Factor: 1.00000
 Integrator: Falcon Compound Sublist: AllPCB.sub
 Target Version: 3.50 Sample Matrix: SOIL
 Processing Host: hpd3

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS								
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
23 Aroclor-1232					CAS #: 11141-16-5			
0.000	2.997	-2.997	0			80.00-	120.00	0.00(T)
3.438	3.460	-0.022	1891	13.0876	8.7	90.58-	135.87	0.00
3.775	3.743	0.032	20525	349.730	230	36.78-	55.17	0.00
0.000	4.165	-4.165	0			62.70-	94.06	0.00
0.000	4.292	-4.292	0			47.42-	71.13	0.00
0.000	4.465	-4.465	0			41.30-	61.95	0.00
0.000	4.747	-4.747	0			48.99-	73.48	0.00
4.847	4.903	-0.056	10206	123.803	82	51.67-	77.50	0.00
Average of Peak Concentrations =					110			

24 Aroclor-1242					CAS #: 53469-21-9			
0.000	2.995	-2.995	0			80.00-	120.00	0.00(T)

Data File: of179771.d
 Report Date: 09-Nov-2011 03:16

			CONCENTRATIONS					
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET RANGE	RATIO	
			RESPONSE	(ug/L)	(ug/kg)			
==	=====	=====	=====	=====	=====	=====	=====	=====
24 Aroclor-1242 (continued)								
3.438	3.460	-0.022	1891	8.14720	5.4	161.41-	242.11	0.00
3.775	3.742	0.033	20525	191.963	130	74.33-	111.50	0.00
0.000	3.997	-3.997	0			295.93-	443.89	0.00
0.000	4.163	-4.163	0			127.93-	191.89	0.00
0.000	4.463	-4.463	0			80.80-	121.21	0.00
4.847	4.902	-0.055	10206	68.0428	45	104.28-	156.42	0.00
5.282	5.287	-0.005	6639	36.6919	24	125.79-	188.69	0.00
Average of Peak Concentrations =					51			

25 Aroclor-1248					CAS #: 12672-29-6			
3.438	3.457	-0.019	1891	16.5197	11	80.00-	120.00	100.00(T)
0.000	3.995	-3.995	0			192.15-	288.22	0.00
0.000	4.162	-4.162	0			78.27-	117.40	0.00
0.000	4.463	-4.463	0			118.22-	177.33	0.00
0.000	4.745	-4.745	0			146.75-	220.13	0.00
4.847	4.902	-0.055	10206	40.4126	27	176.46-	264.69	539.59
5.178	5.147	0.031	28993	207.140	140	97.79-	146.69	1532.75
5.282	5.285	-0.003	6639	21.3703	14	217.06-	325.59	350.99
Average of Peak Concentrations =					48			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.573	10.575	-0.002	83802	24.1801	16	80.00-	120.00	100.00(a)

QC Flag Legend

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

Data File: of179771.d

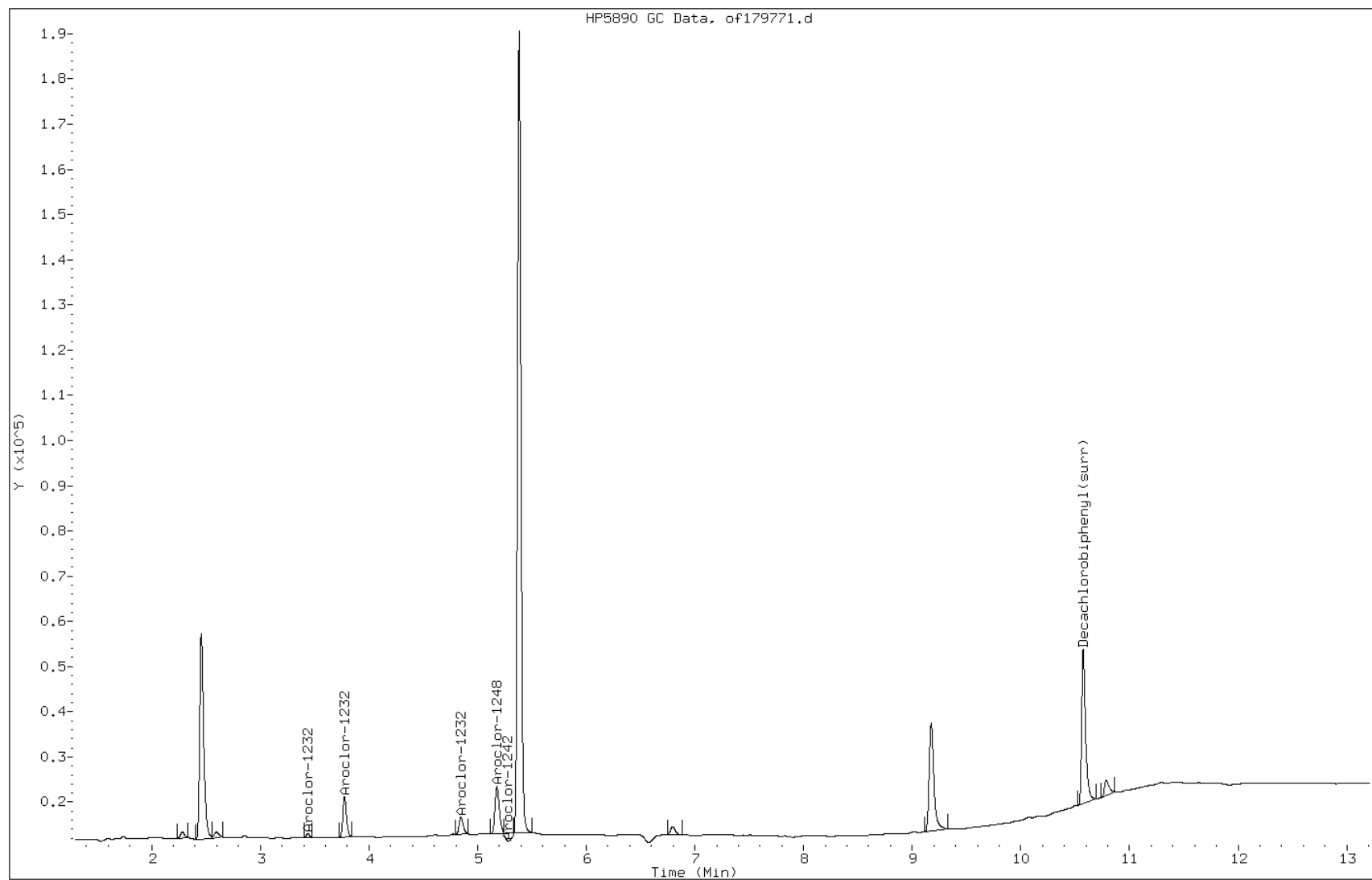
Date: 08-NOV-2011 18:12

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92311/1
 Matrix: Water Lab File ID: or179771.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/08/2011 18:12
 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.: 92311 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: or179771.d
Report Date: 09-Nov-2011 03:15

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179771.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 08-NOV-2011 18:12
Operator : Inst ID: PESTGC7.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 35
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
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
9.398	9.402	-0.004	95059 30.2142	20	80.00- 120.00	100.00

Data File: or179771.d

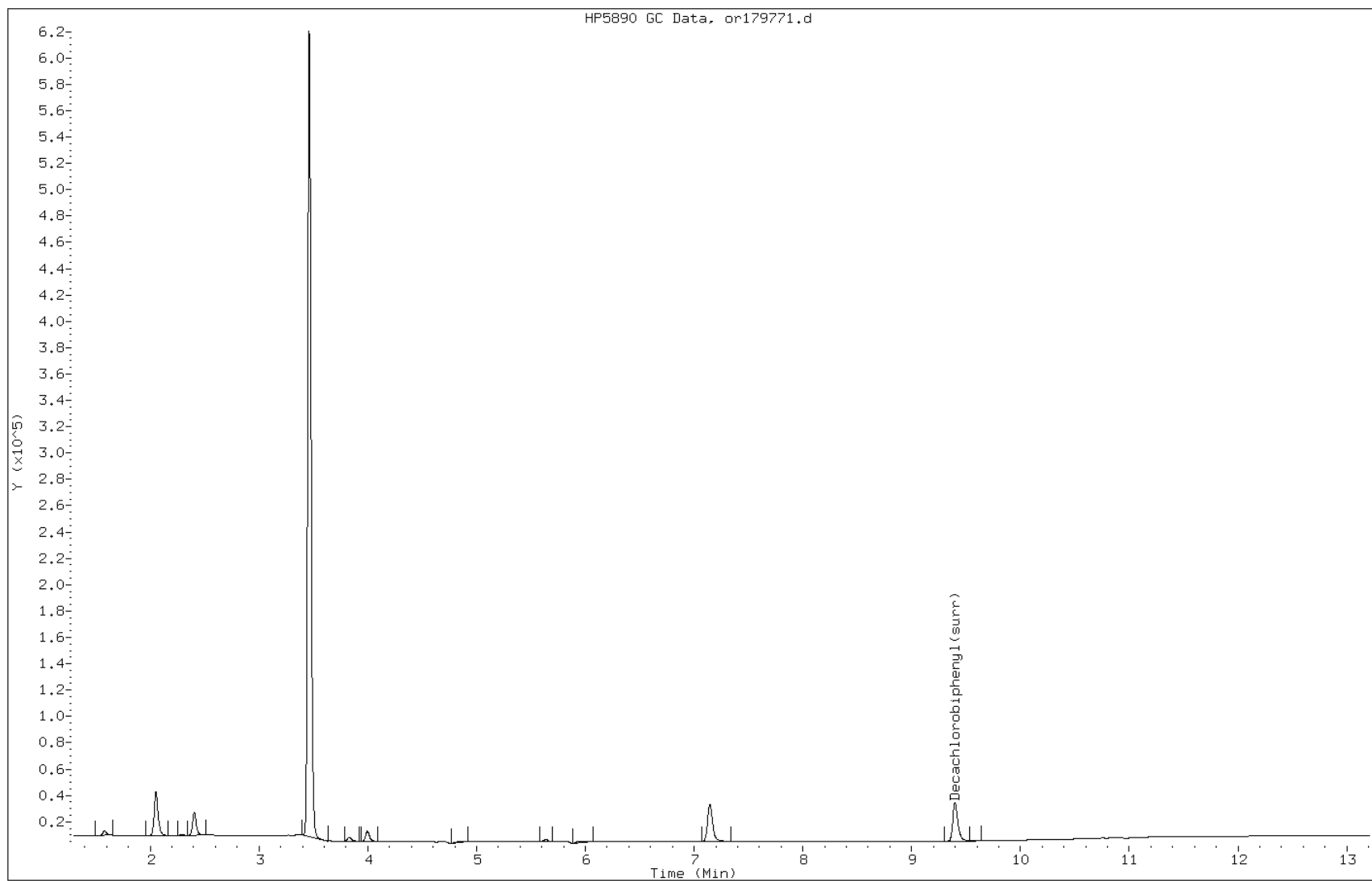
Date: 08-NOV-2011 18:12

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92311/17
 Matrix: Water Lab File ID: of179787.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/08/2011 22:36
 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.: 92311 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: of179787.d
Report Date: 09-Nov-2011 03:18

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179787.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 08-NOV-2011 22:36
Operator :
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 51
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
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
10.573	10.575	-0.002	88270 25.4690	17	80.00- 120.00	100.00

Data File: of179787.d

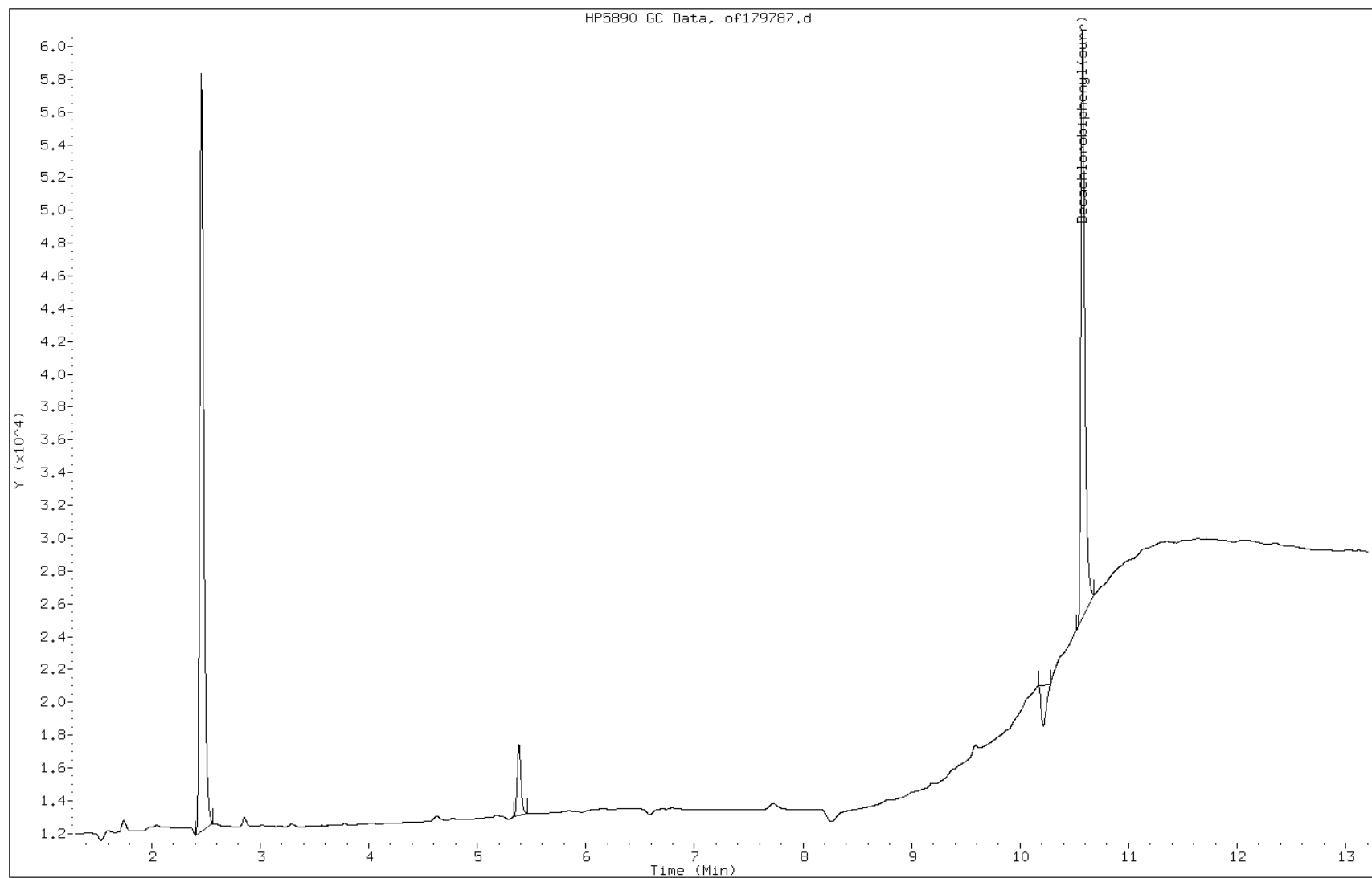
Date: 08-NOV-2011 22:36

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92311/17
 Matrix: Water Lab File ID: or179787.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/08/2011 22:36
 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.: 92311 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: or179787.d
Report Date: 09-Nov-2011 03:17

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179787.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 08-NOV-2011 22:36
Operator : Inst ID: PESTGC7.i
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 51
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
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr) CAS #: 2051-24-3						
9.402	9.402	0.000	97774 31.0769	21	80.00- 120.00	100.00

Data File: or179787.d

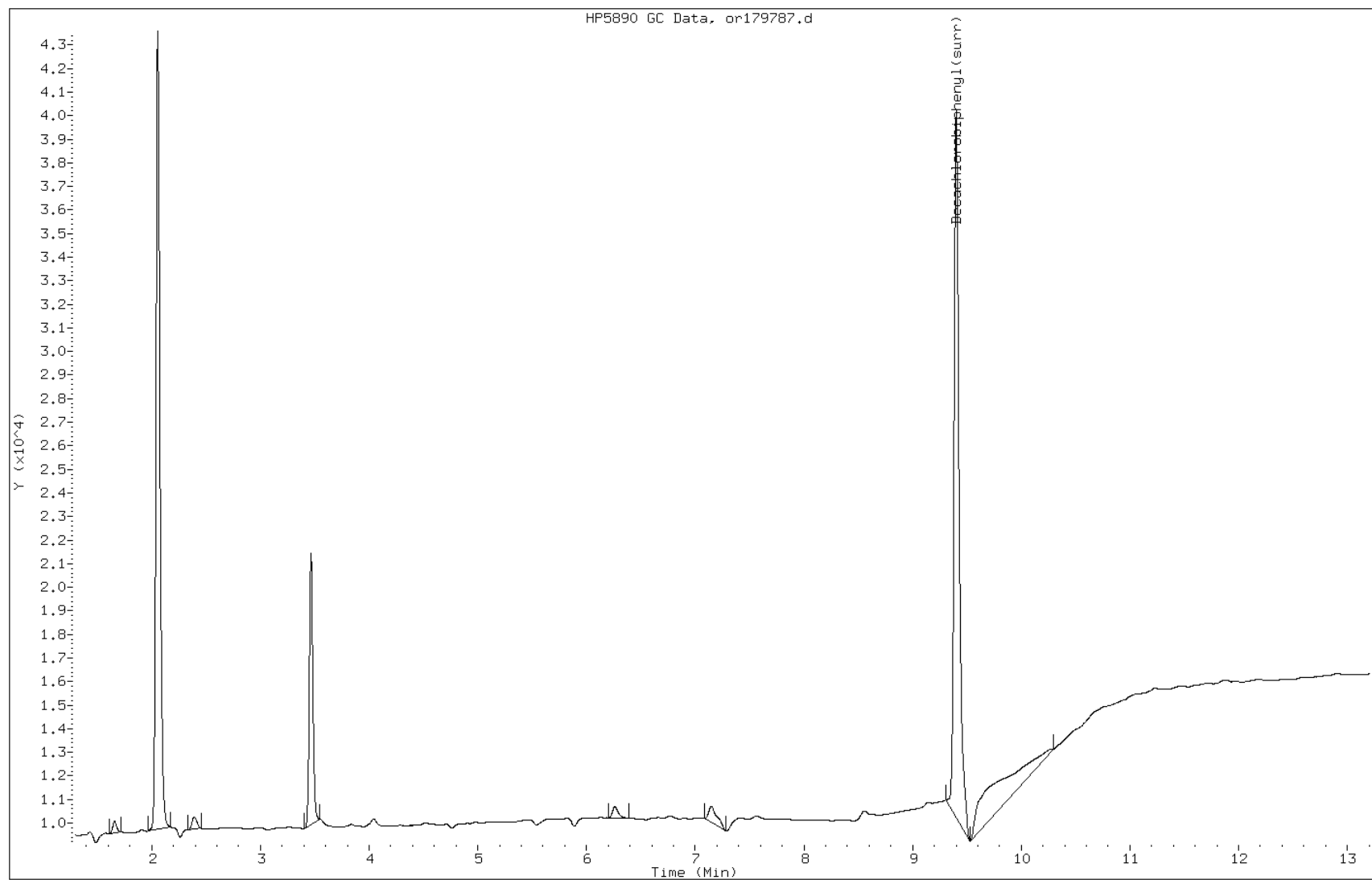
Date: 08-NOV-2011 22:36

Client ID:

Instrument: PESTGC7.i

Sample Info: SGPIBLK_00008

Operator:



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92863/1
 Matrix: Water Lab File ID: vf466978.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/10/2011 16:03
 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.: 92863 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: vf466978.d
Report Date: 14-Nov-2011 09:44

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/vf466978.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 10-NOV-2011 16:03
Operator : 280
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/08Vf8082.m
Meth Date : 14-Nov-2011 09:43 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 31
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466670.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						
11.503	11.502	0.001	3324699 28.6254	19	80.00- 120.00	100.00(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: vf466978.d

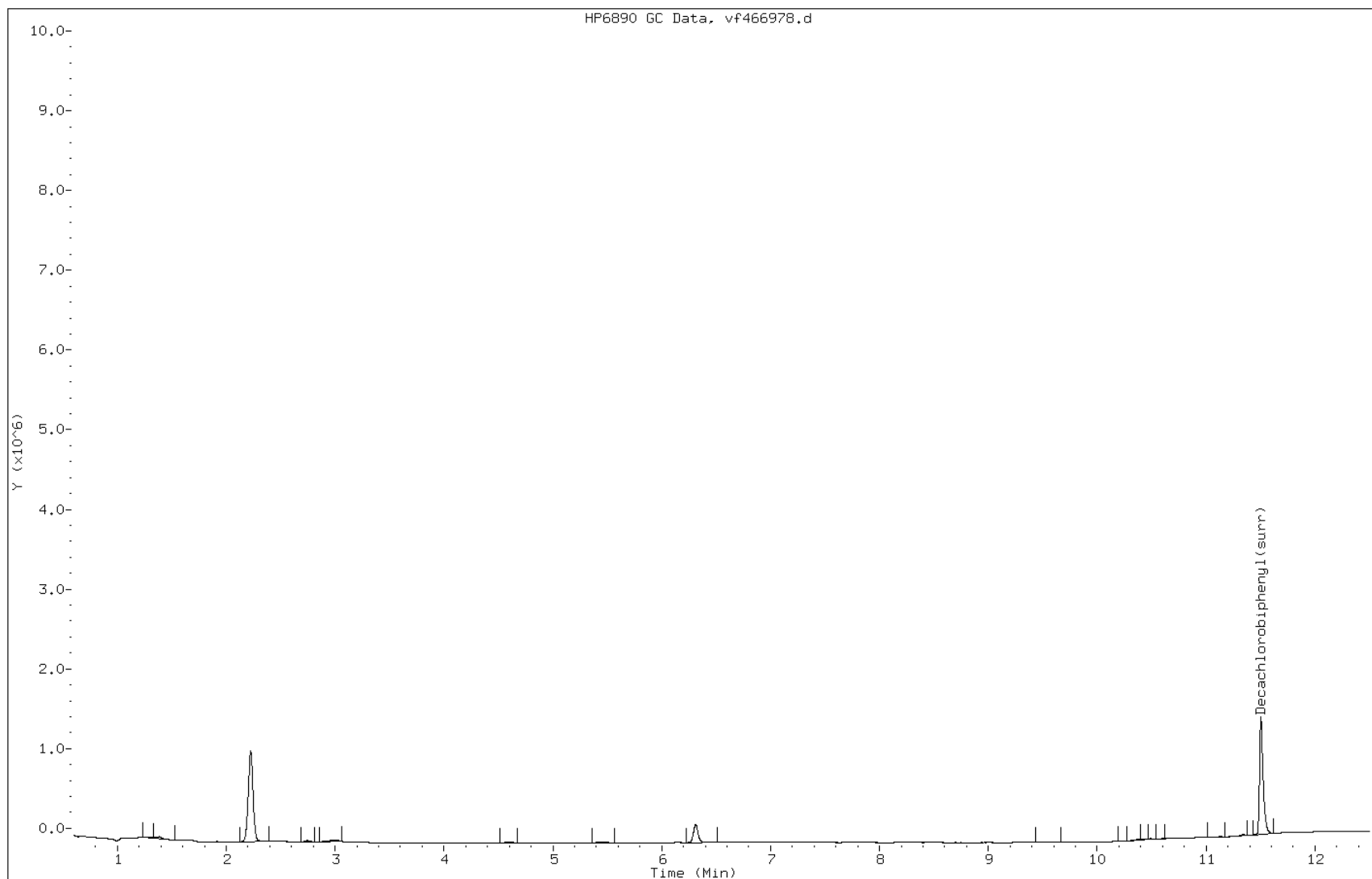
Date: 10-NOV-2011 16:03

Client ID:

Instrument: PESTGC9.i

Sample Info: SGPIBLK_00008

Operator: 280



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92863/1
 Matrix: Water Lab File ID: vr466978.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/10/2011 16:03
 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.: 92863 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: vr466978.d
 Report Date: 14-Nov-2011 09:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/vr466978.d
 Lab Smp Id: SGPIBLK_00008
 Inj Date : 10-NOV-2011 16:03
 Operator : 280
 Smp Info : SGPIBLK_00008
 Misc Info :
 Comment :
 Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/08Vr8082.m
 Meth Date : 14-Nov-2011 09:44 shanthi
 Cal Date : 04-NOV-2011 04:57
 Als bottle: 31
 Dil Factor: 1.00000
 Integrator: Falcon
 Target Version: 3.50
 Processing Host: hpd3

Inst ID: PESTGC9.i
 Quant Type: ESTD
 Cal File: vr466670.d
 QC Sample: INSTBLANK
 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
==	=====	=====	=====	=====	=====	=====
\$ 30 Decachlorobiphenyl(surr)			CAS #: 2051-24-3			
10.587	10.586	0.001	6114482	31.1372	21 80.00- 120.00	100.00

Data File: vr466978.d

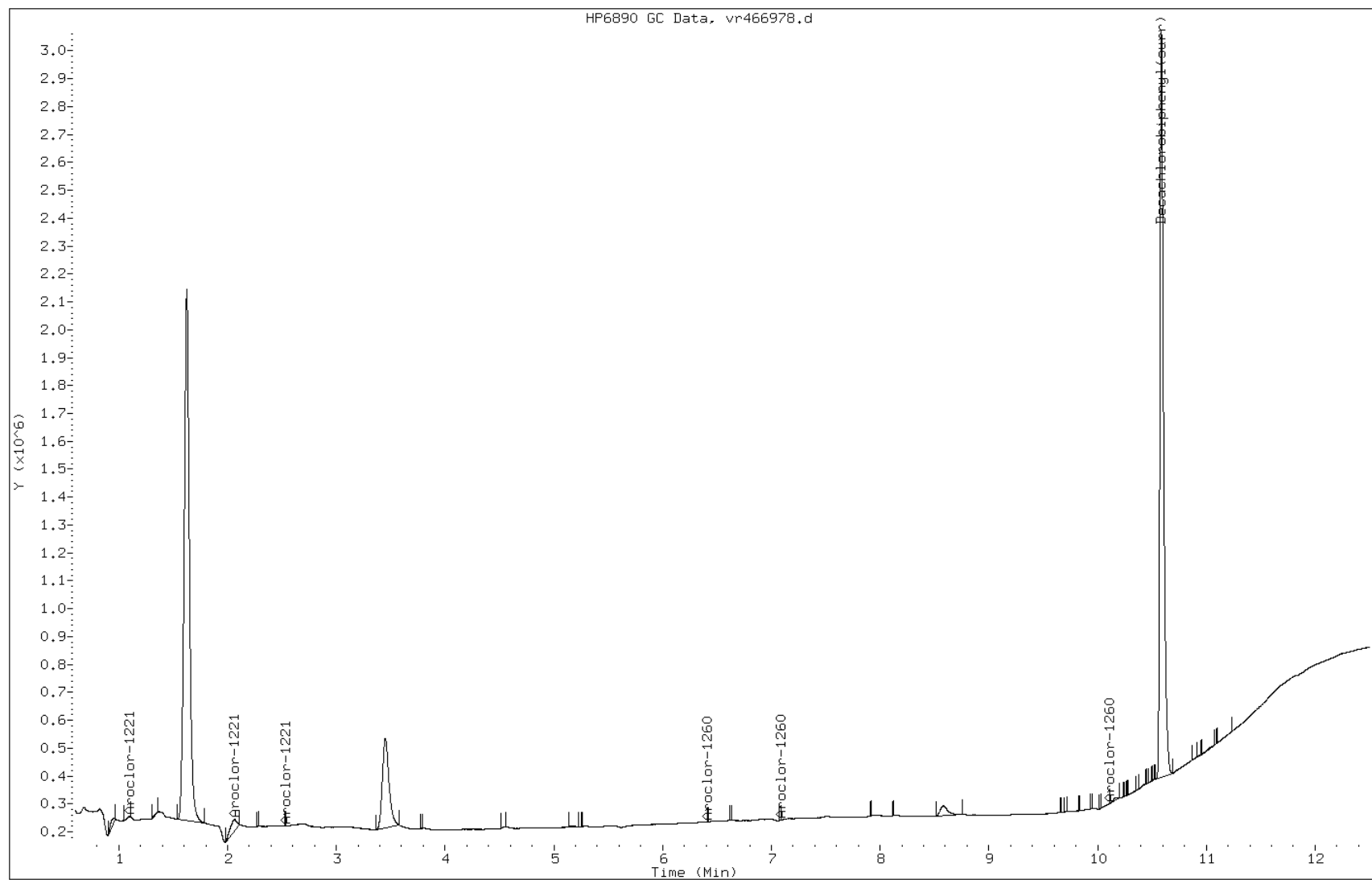
Date: 10-NOV-2011 16:03

Client ID:

Instrument: PESTGC9.i

Sample Info: SGPIBLK_00008

Operator: 280



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92863/10
 Matrix: Water Lab File ID: vf466987.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/10/2011 18:21
 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.: 92863 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: vf466987.d
Report Date: 14-Nov-2011 09:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/vf466987.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 10-NOV-2011 18:21
Operator : 280
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11c.b/08Vf8082.m
Meth Date : 14-Nov-2011 09:44 shanthi
Cal Date : 04-NOV-2011 04:57
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: vf466670.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									
11.505	11.502	0.003	3274019	28.1890	19	80.00- 120.00	100.00(R)		

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: vf466987.d

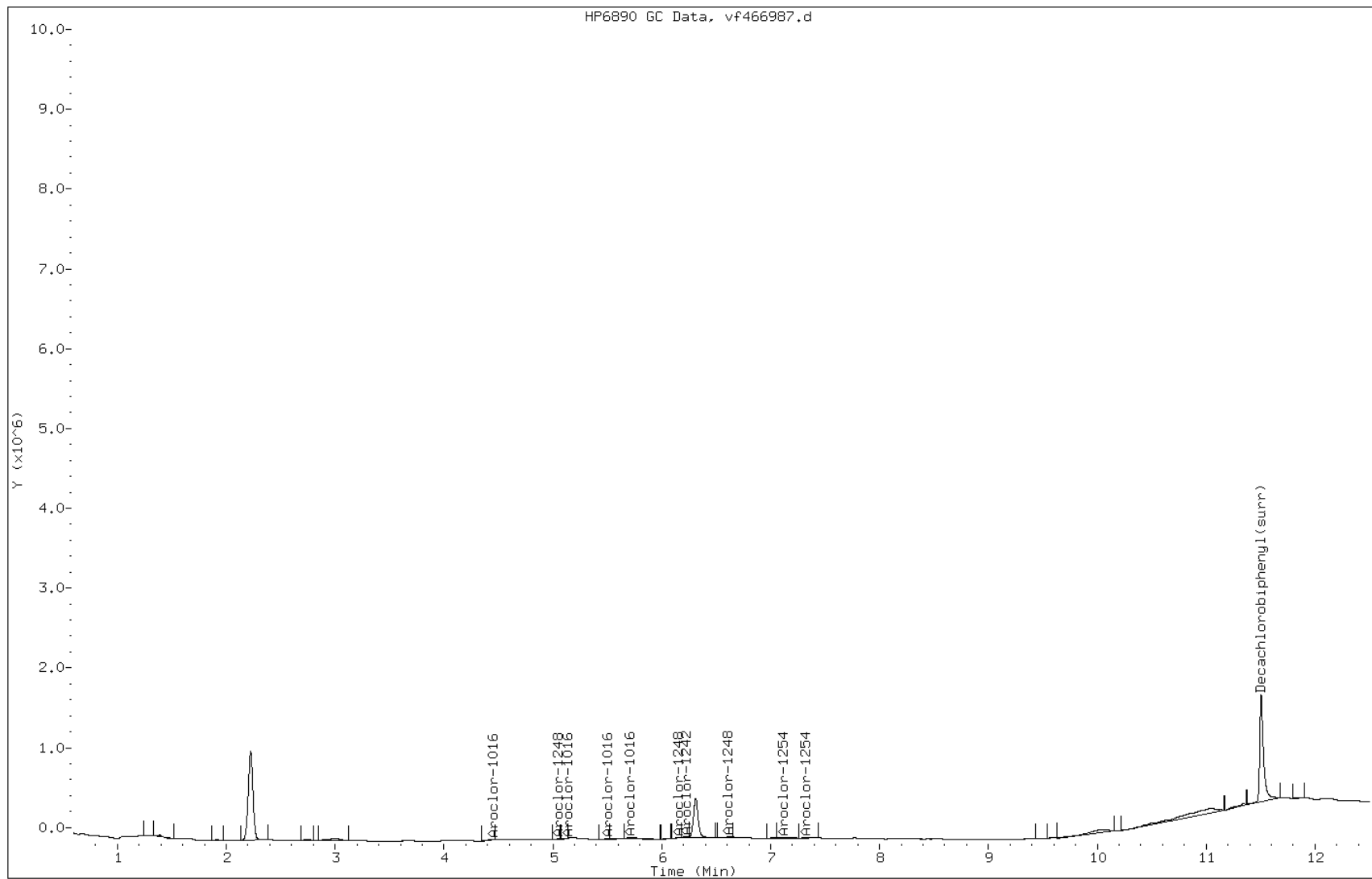
Date: 10-NOV-2011 18:21

Client ID:

Instrument: PESTGC9.i

Sample Info: SGPIBLK_00008

Operator: 280



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: PIBLK 460-92863/10
 Matrix: Water Lab File ID: vr466987.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: _____ Date Analyzed: 11/10/2011 18:21
 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.: 92863 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: vr466987.d
Report Date: 14-Nov-2011 09:47

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/vr466987.d
Lab Smp Id: SGPIBLK_00008
Inj Date : 10-NOV-2011 18:21
Operator : 280
Smp Info : SGPIBLK_00008
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b/08Vr8082.m
Meth Date : 14-Nov-2011 09:46 shanthi
Cal Date : 04-NOV-2011 04:57
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: vr466670.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						
10.587	10.586	0.001	5680717	28.9283	19 80.00- 120.00	100.00

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-91916/2-A
 Matrix: Water Lab File ID: of179774.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/08/2011 19:01
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	1.86		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	1.74		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	31	X	37-150

Data File: of179774.d
Report Date: 09-Nov-2011 03:45

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179774.d
Lab Smp Id: LCS 460-91916/2-A
Inj Date : 08-NOV-2011 19:01
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-91916/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 38
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			
2.965	2.963	0.002	45205	384.827	260	80.00- 120.00	100.00(M)	
3.425	3.423	0.002	99949	362.383	240	171.19- 256.79	221.10	
3.705	3.703	0.002	47810	392.331	260	81.80- 122.70	105.76	
3.960	3.958	0.002	177948	357.063	240	320.72- 481.08	393.64	
4.127	4.125	0.002	80736	377.966	250	139.95- 209.93	178.60	
4.425	4.423	0.002	53074	387.229	260	91.91- 137.86	117.41	
5.235	5.240	-0.005	41270	302.129	200	103.28- 154.92	91.30	
5.488	5.487	0.001	56572	414.682	280	91.65- 137.47	125.14	
Average of Peak Concentrations =					250			

27 Aroclor-1260					CAS #: 11096-82-5			
6.367	6.367	0.000	129519	381.830	250	80.00- 120.00	100.00(M)	

Data File: of179774.d
 Report Date: 09-Nov-2011 03:45

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.698	6.698	0.000	141378	369.523	250	89.98-	134.96	109.16
7.330	7.333	-0.003	199008	366.415	240	131.70-	197.55	153.65
7.520	7.522	-0.002	91957	355.413	240	60.57-	90.86	71.00
7.632	7.635	-0.003	53653	354.972	240	35.59-	53.39	41.43
8.168	8.172	-0.004	104935	347.626	230	73.26-	109.89	81.02
9.372	9.373	-0.001	118963	299.572	200	92.52-	138.78	91.85
10.055	10.057	-0.002	38658	306.182	200	30.32-	45.48	29.85
Average of Peak Concentrations =					230			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.573	10.575	-0.002	108844	31.4054	21	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: of179774.d

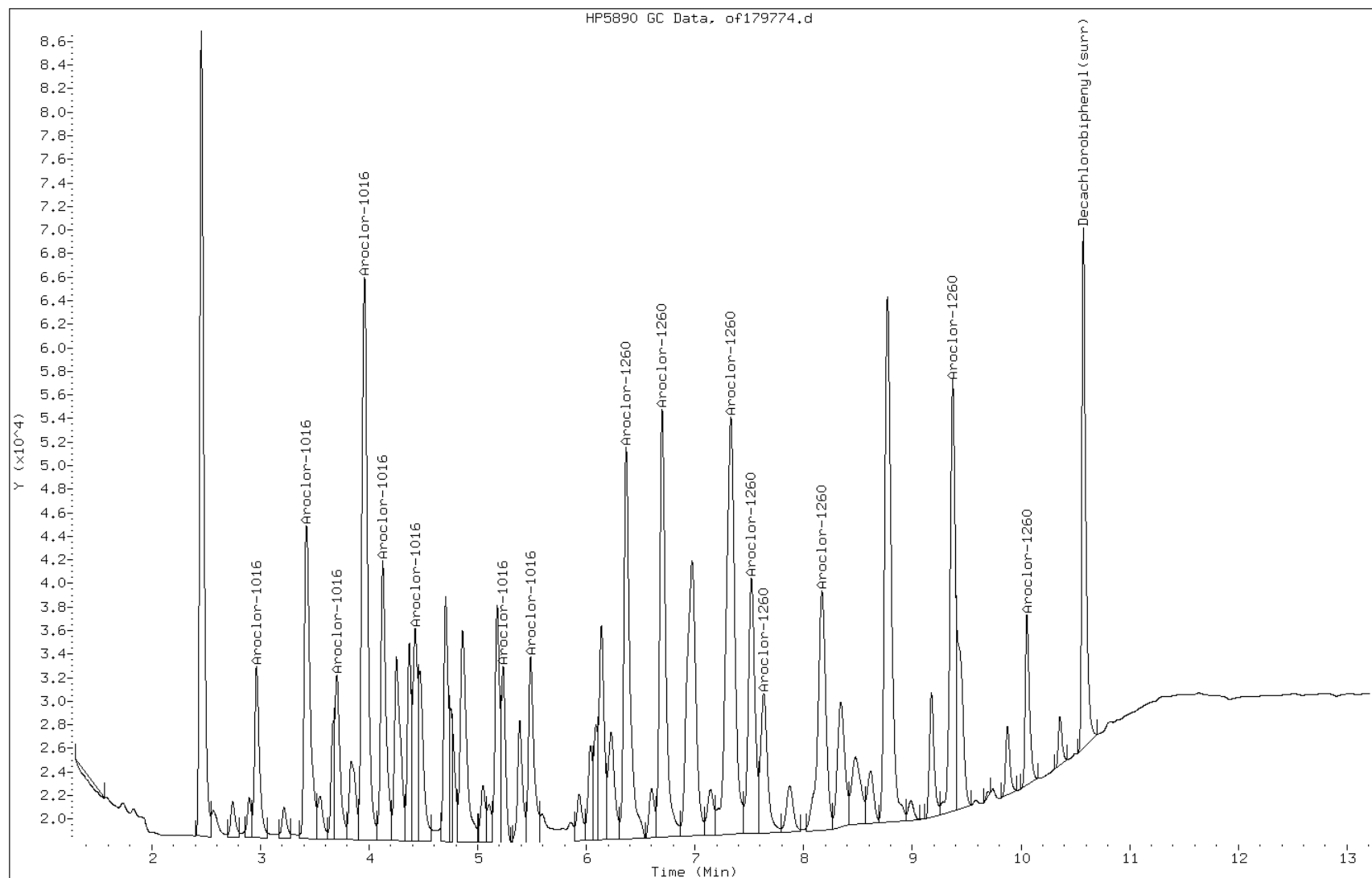
Date: 08-NOV-2011 19:01

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-91916/2-A

Operator:

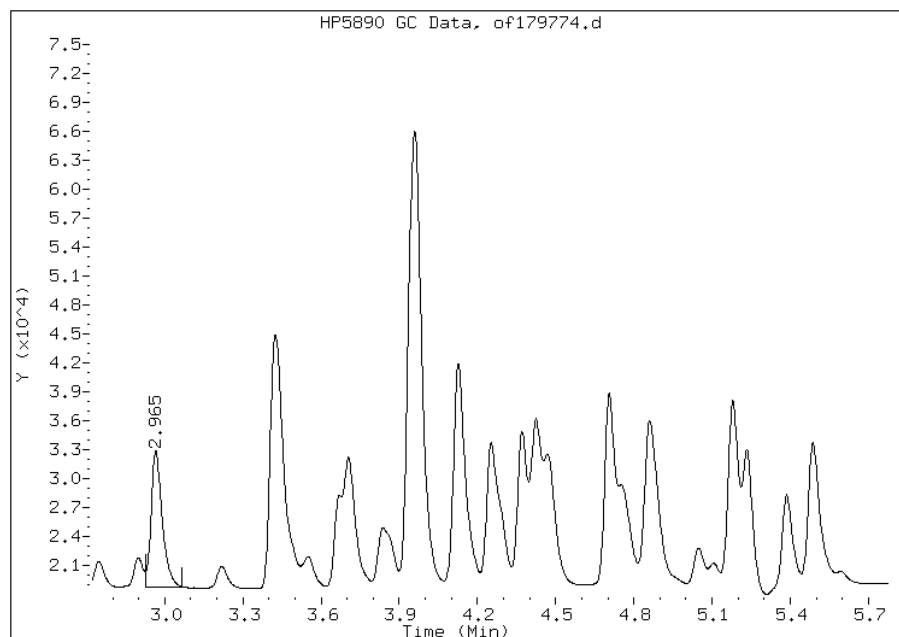


Manual Integration Report

Data File: of179774.d
Inj. Date and Time: 08-NOV-2011 19:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 11/09/2011

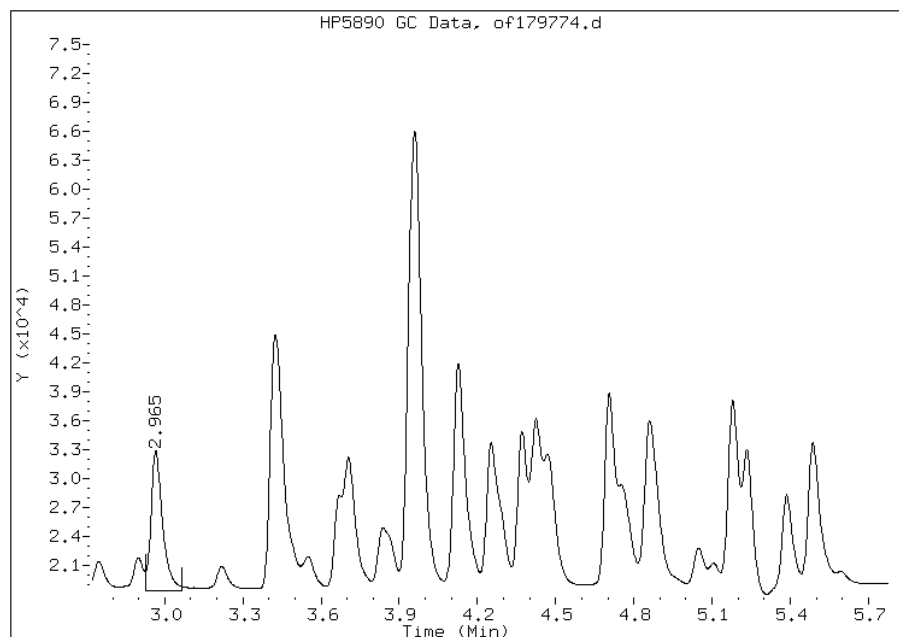
Processing Integration Results

RT: 2.96
Response: 42009
Amount: 348.32
Conc: 230.00



Manual Integration Results

RT: 2.96
Response: 45205
Amount: 372.33
Conc: 250.00



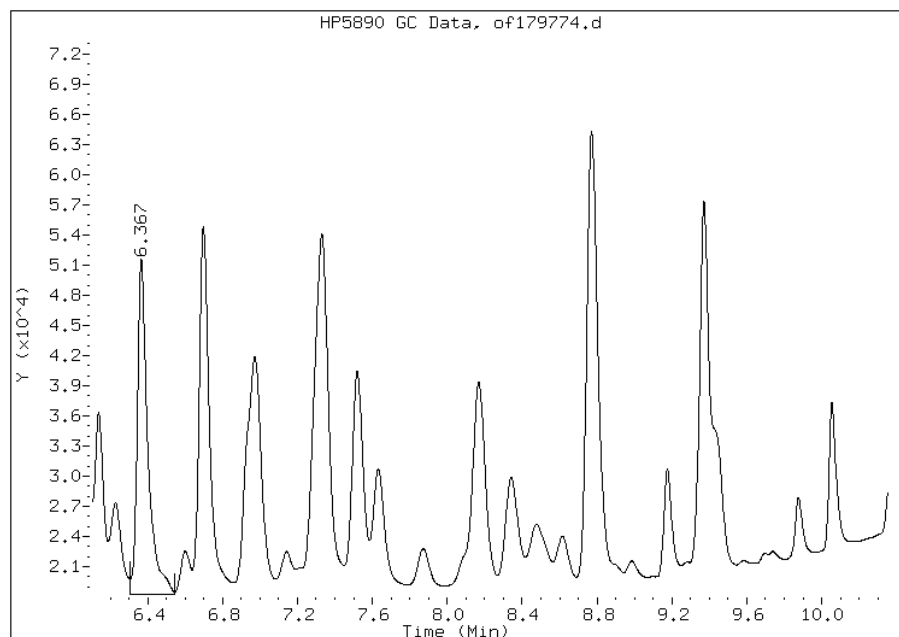
Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: of179774.d
Inj. Date and Time: 08-NOV-2011 19:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/09/2011

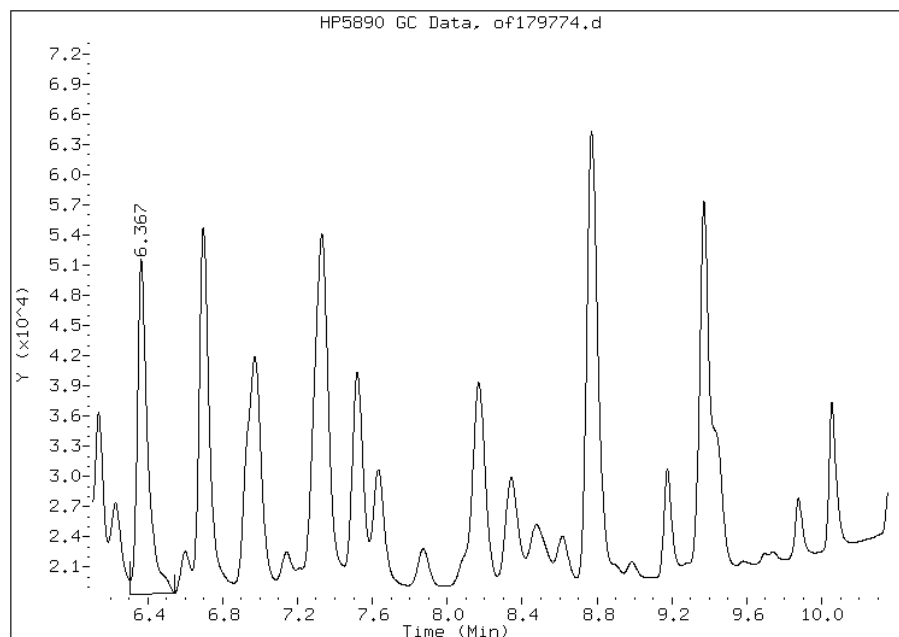
Processing Integration Results

RT: 6.37
Response: 130813
Amount: 336.55
Conc: 220.00



Manual Integration Results

RT: 6.37
Response: 129519
Amount: 347.69
Conc: 230.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-91916/2-A
 Matrix: Water Lab File ID: or179774.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/08/2011 19:01
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	2.40		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	1.91		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	34	X	37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179774.d
Lab Smp Id: LCS 460-91916/2-A
Inj Date : 08-NOV-2011 19:01
Operator : Inst ID: PESTGC7.i
Smp Info : LCS 460-91916/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/08Or8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 38
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			
2.350	2.353	-0.003	39198	404.034	270	80.00-	120.00	100.00(M)
2.677	2.678	-0.001	66830	431.809	290	134.62-	201.93	170.49
2.868	2.870	-0.002	46690	438.253	290	96.18-	144.27	119.11
3.130	3.132	-0.002	130799	400.819	270	282.46-	423.68	333.69
3.273	3.275	-0.002	53996	430.625	290	108.94-	163.41	137.75
3.335	3.338	-0.003	34716	389.010	260	79.17-	118.75	88.57
3.467	3.488	-0.021	146845	915.016	610	130.94-	196.41	374.62
3.712	3.713	-0.001	56117	432.155	290	115.89-	173.84	143.16
Average of Peak Concentrations =					320			

27 Aroclor-1260					CAS #: 11096-82-5			
5.128	5.132	-0.004	80778	423.624	280	80.00-	120.00	100.00(M)

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/kg)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.472	5.475	-0.003	140257	412.850	280	143.40-	215.10	173.63	
5.818	5.820	-0.002	113578	351.594	230	138.37-	207.55	140.61	
5.965	5.965	0.000	56209	372.963	250	63.49-	95.24	69.58	
6.292	6.293	-0.001	66246	371.958	250	76.43-	114.65	82.01	
7.253	7.257	-0.004	81885	402.998	270	86.54-	129.80	101.37	
7.413	7.418	-0.005	40857	374.113	250	46.51-	69.76	50.58	
8.627	8.633	-0.006	35548	342.784	230	37.72-	56.57	44.01	
Average of Peak Concentrations =					250				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.400	9.402	-0.002	106927	33.9861	23	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: or179774.d

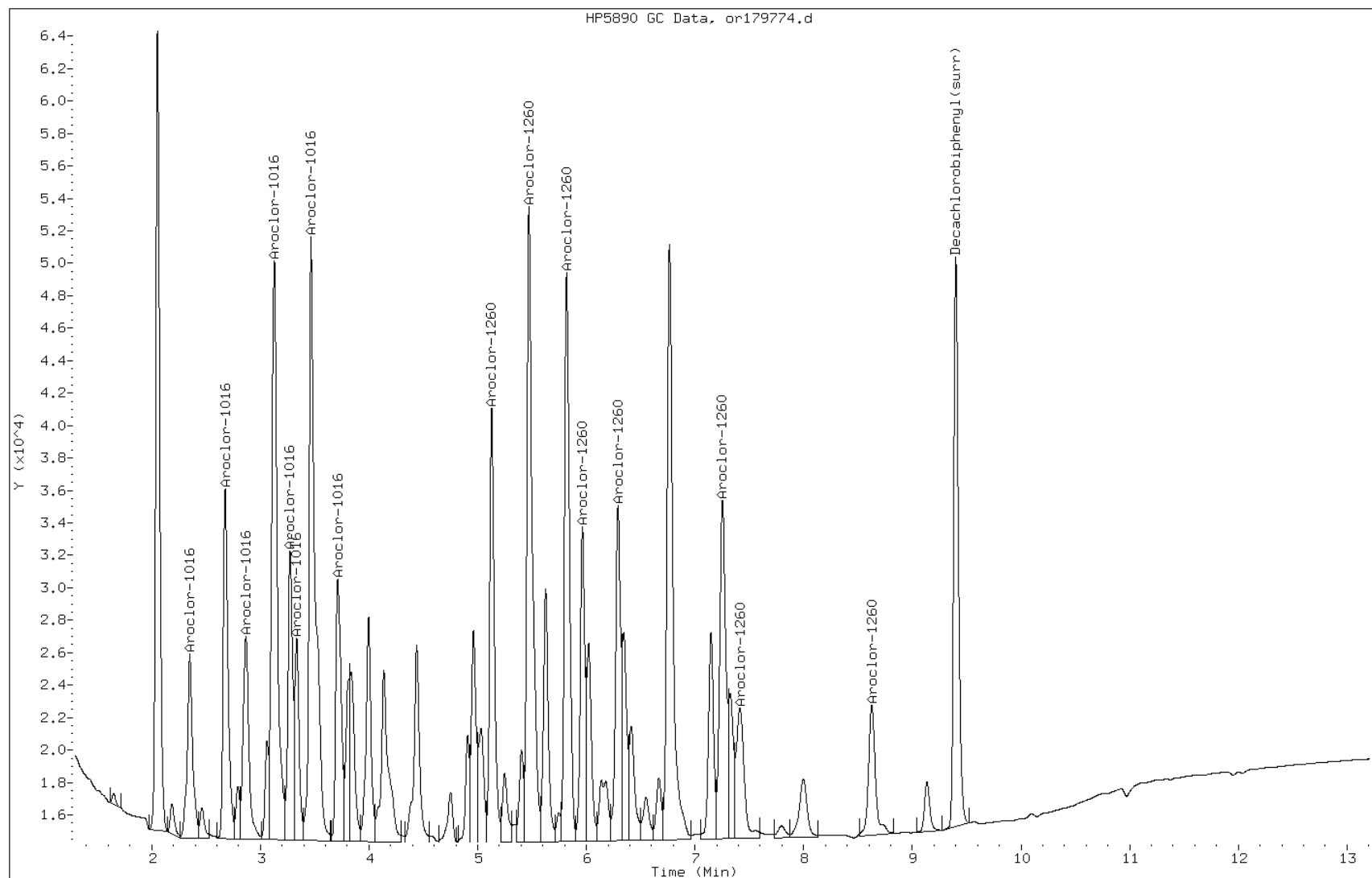
Date: 08-NOV-2011 19:01

Client ID:

Instrument: PESTGC7.i

Sample Info: LCS 460-91916/2-A

Operator:

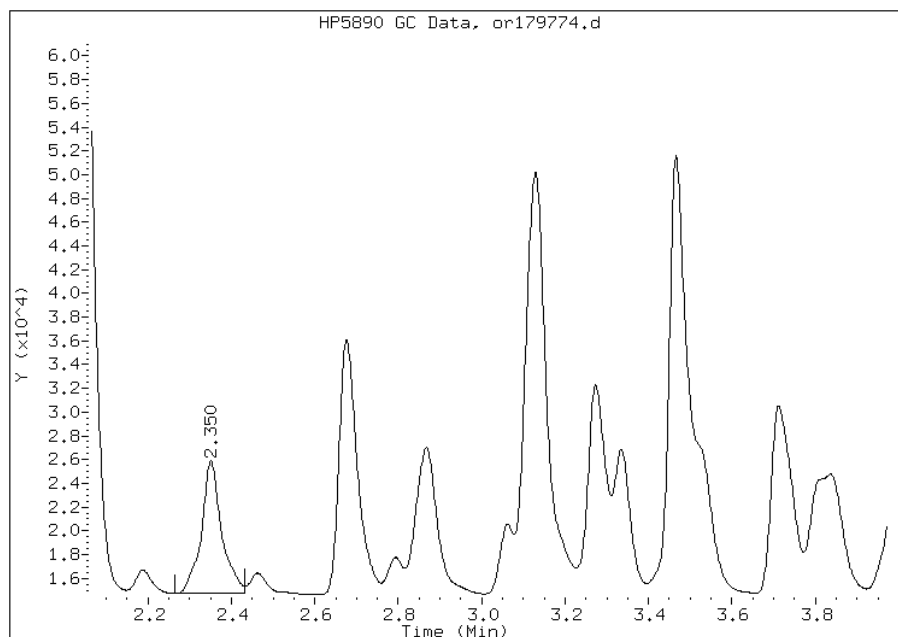


Manual Integration Report

Data File: or179774.d
Inj. Date and Time: 08-NOV-2011 19:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 11/09/2011

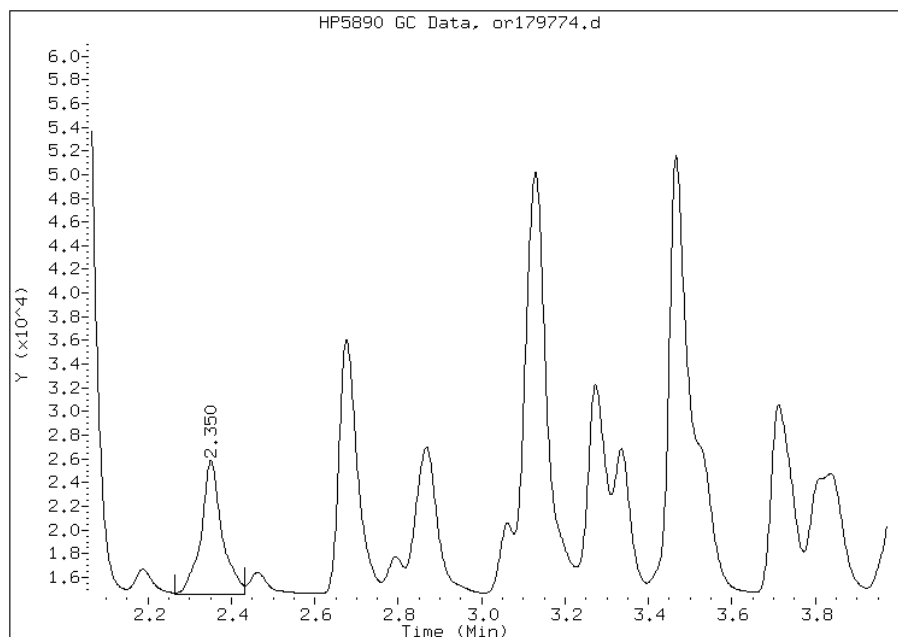
Processing Integration Results

RT: 2.35
Response: 37565
Amount: 463.20
Conc: 310.00



Manual Integration Results

RT: 2.35
Response: 39198
Amount: 480.22
Conc: 320.00



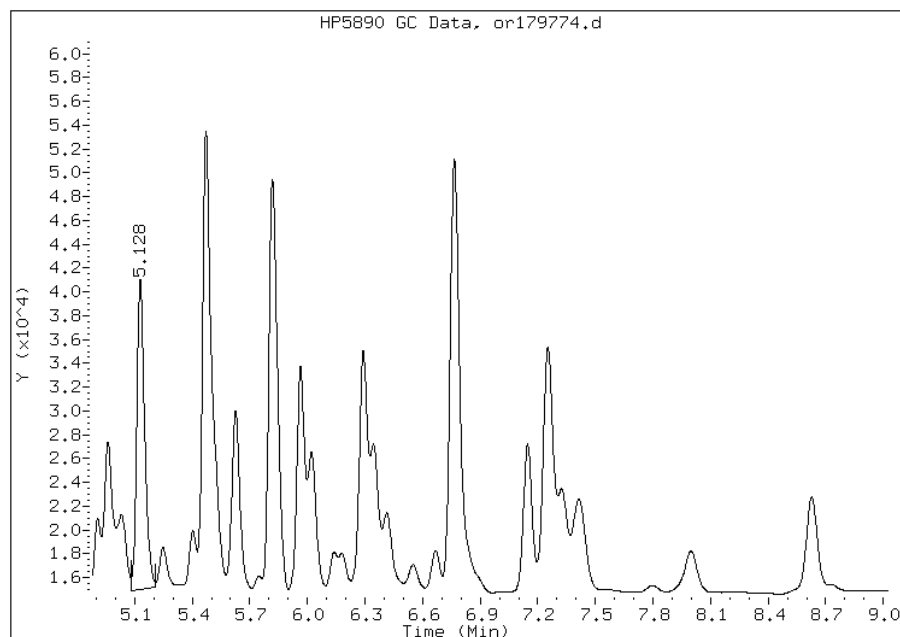
Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: or179774.d
Inj. Date and Time: 08-NOV-2011 19:01
Instrument ID: PESTGC7.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/09/2011

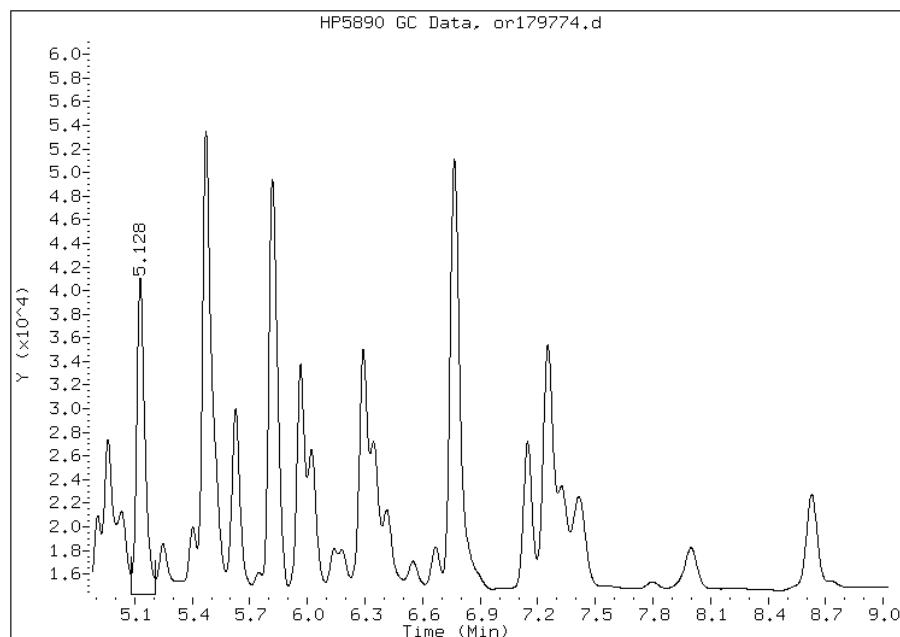
Processing Integration Results

RT: 5.13
Response: 74887
Amount: 356.07
Conc: 240.00



Manual Integration Results

RT: 5.13
Response: 80778
Amount: 381.61
Conc: 250.00



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-92466/2-A
 Matrix: Water Lab File ID: vf466973.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/10/2011 14:46
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92579 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.57		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	5.59		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	113		37-150

Data File: vf466973.d
Report Date: 10-Nov-2011 16:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/vf466973.d
Lab Smp Id: LCS 460-92466/2-A
Inj Date : 10-NOV-2011 14:46
Operator : 280
Smp Info : LCS 460-92466/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/08Vf8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466670.d
QC Sample: BS
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

		CONCENTRATIONS							
		ON-COL	FINAL			TARGET	RANGE		
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)				RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016			CAS #: 12674-11-2						
2.922	2.928	-0.006	4319363	1146.17	5.7	80.00-	120.00	100.00(M)	
3.590	3.596	-0.006	9172017	1091.03	5.4	167.79-	251.69	212.35	
4.031	4.035	-0.004	3727676	1047.46	5.2	71.22-	106.83	86.30	
4.431	4.434	-0.003	16400665	1111.24	5.6	293.18-	439.77	379.70	
4.676	4.677	-0.001	7599105	1108.46	5.5	136.68-	205.03	175.93	
5.111	5.111	0.000	4642801	1124.82	5.6	84.46-	126.69	107.49	
5.497	5.496	0.001	5671420	1136.94	5.7	101.10-	151.66	131.30	
5.706	5.704	0.002	5694825	1152.37	5.8	101.93-	152.89	131.84	
Average of Peak Concentrations =			5.6						
27 Aroclor-1260			CAS #: 11096-82-5						
7.392	7.387	0.005	5037317	1090.11	5.4	80.00-	120.00	100.00(M)	
7.698	7.693	0.005	11136035	1066.12	5.3	175.51-	263.26	221.07	

Data File: vf466973.d
 Report Date: 10-Nov-2011 16:23

			CONCENTRATIONS				
			ON-COL	FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)							
8.152	8.147	0.005	12359691	1063.67	5.3	194.42- 291.63	245.36
9.261	9.254	0.007	8400864	1130.13	5.6	131.17- 196.75	166.77
9.392	9.387	0.005	4824880	1212.41	6.1	72.34- 108.50	95.78
9.866	9.862	0.004	9125118	1147.44	5.7	141.87- 212.81	181.15
10.601	10.598	0.003	10777028	1145.57	5.7	164.18- 246.27	213.94
11.073	11.069	0.004	3945179	1093.45	5.5	66.30- 99.45	78.32
Average of Peak Concentrations =					5.6		

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3		
11.508	11.503	0.005	13082054	112.635	0.56	80.00- 120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466973.d

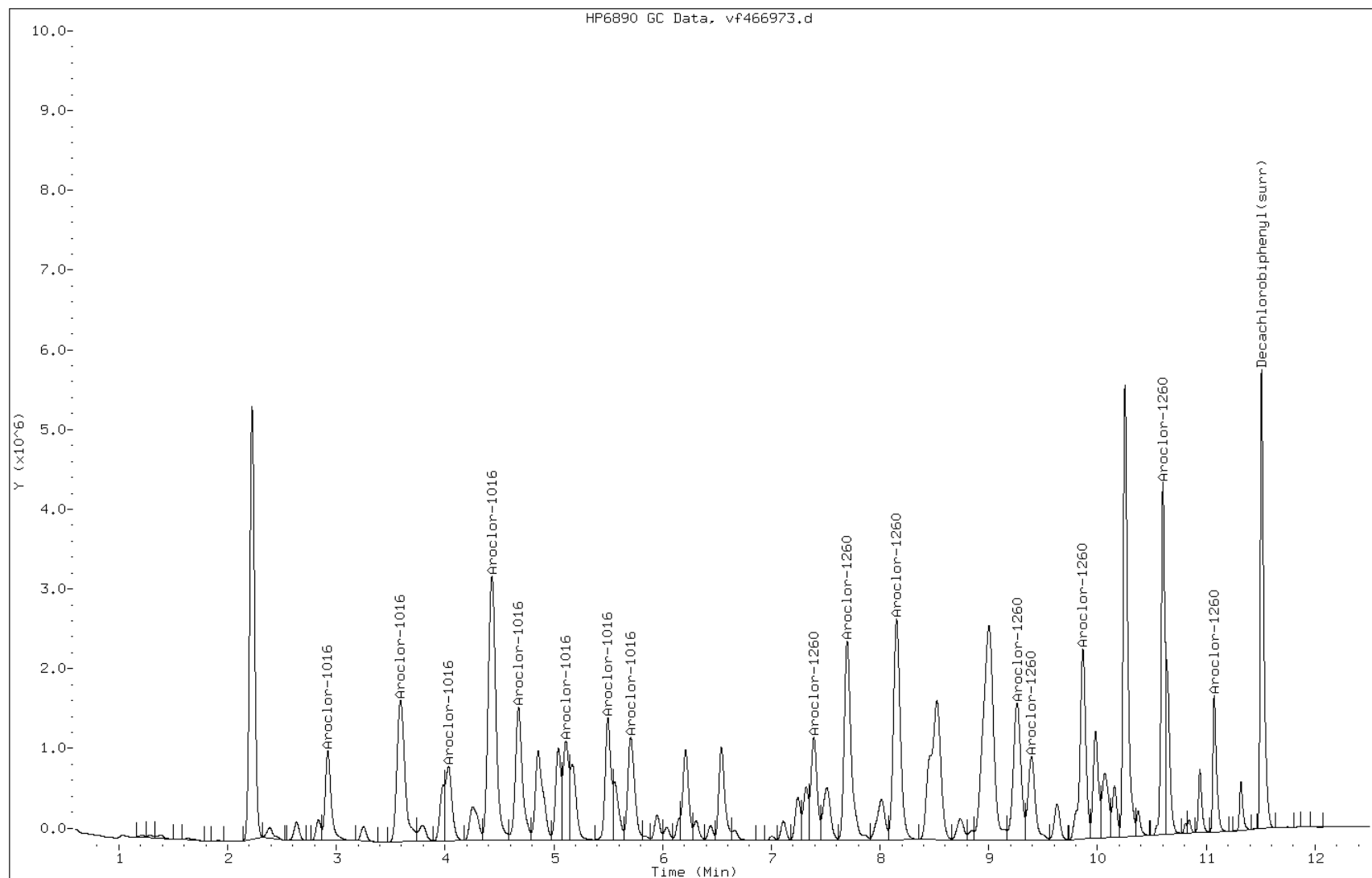
Date: 10-NOV-2011 14:46

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-92466/2-A

Operator: 280



Manual Integration Report

Data File: vf466973.d
Inj. Date and Time: 10-NOV-2011 14:46
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 11/10/2011

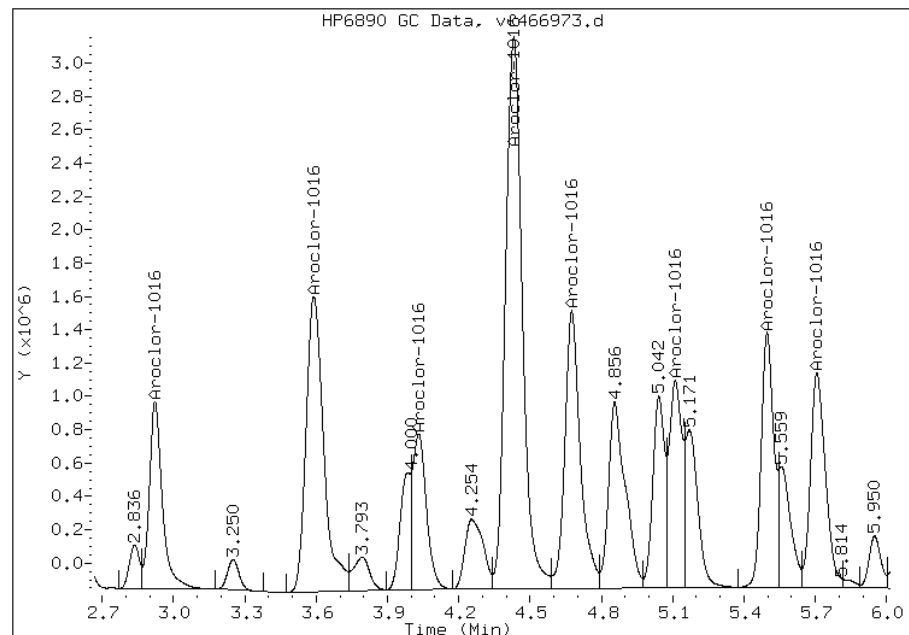
Processing Integration Results

Not Detected

Expected RT: 2.92

Manual Integration Results

RT: 2.92
Response: 4319363
Amount: 1114.81
Conc: 5.60



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf466973.d
Inj. Date and Time: 10-NOV-2011 14:46
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/10/2011

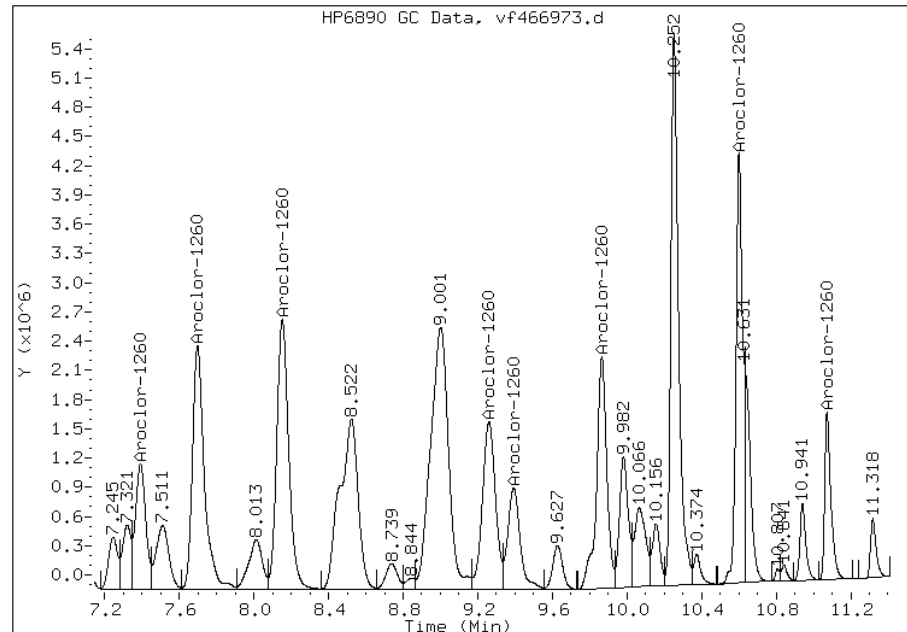
Processing Integration Results

Not Detected

Expected RT: 7.39

Manual Integration Results

RT: 7.39
Response: 5037317
Amount: 1118.61
Conc: 5.60



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 460-92466/2-A
 Matrix: Water Lab File ID: vr466973.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/10/2011 14:46
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92579 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.17		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	5.50		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/vr466973.d
Lab Smp Id: LCS 460-92466/2-A
Inj Date : 10-NOV-2011 14:46
Operator : 280
Smp Info : LCS 460-92466/2-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/08Vr8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.d
QC Sample: BS
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE		RATIO
==	=====	=====	=====	=====	=====	=====	=====		=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.046	2.049	-0.003	7180820	989.598	4.9	80.00-	120.00	100.00(M)	
2.481	2.483	-0.002	12972685	1024.90	5.1	143.03-	214.55	180.66	
2.728	2.730	-0.002	8822304	1071.02	5.4	102.94-	154.41	122.86	
3.079	3.082	-0.003	28299729	1022.67	5.1	305.66-	458.49	394.10	
3.271	3.274	-0.003	11659271	1070.00	5.3	125.53-	188.29	162.37	
3.614	3.617	-0.003	12191156	1024.10	5.1	133.99-	200.98	169.77	
3.971	3.975	-0.004	11137736	1070.03	5.4	119.43-	179.14	155.10	
4.119	4.122	-0.003	5134507	1007.31	5.0	57.16-	85.74	71.50	
Average of Peak Concentrations =					5.2				

27 Aroclor-1260					CAS #: 11096-82-5				
6.000	6.002	-0.002	16639782	1020.37	5.1	80.00-	120.00	100.00(M)	
6.451	6.453	-0.002	30760155	1047.42	5.2	150.63-	225.94	184.86	

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
6.889	6.892	-0.003	28936809	1099.67	5.5	141.73-	212.60	173.90
7.086	7.089	-0.003	15186003	1105.77	5.5	75.03-	112.54	91.26
7.511	7.515	-0.004	14367221	1114.64	5.6	70.58-	105.86	86.34
8.769	8.772	-0.003	18279886	1162.99	5.8	87.66-	131.48	109.86
8.986	8.990	-0.004	11477643	1137.40	5.7	58.83-	88.25	68.98
10.091	10.093	-0.002	8592658	1118.10	5.6	47.27-	70.91	51.64
Average of Peak Concentrations =					5.5			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.586	10.587	-0.001	24207672	123.274	0.62	80.00-	120.00	100.00

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466973.d

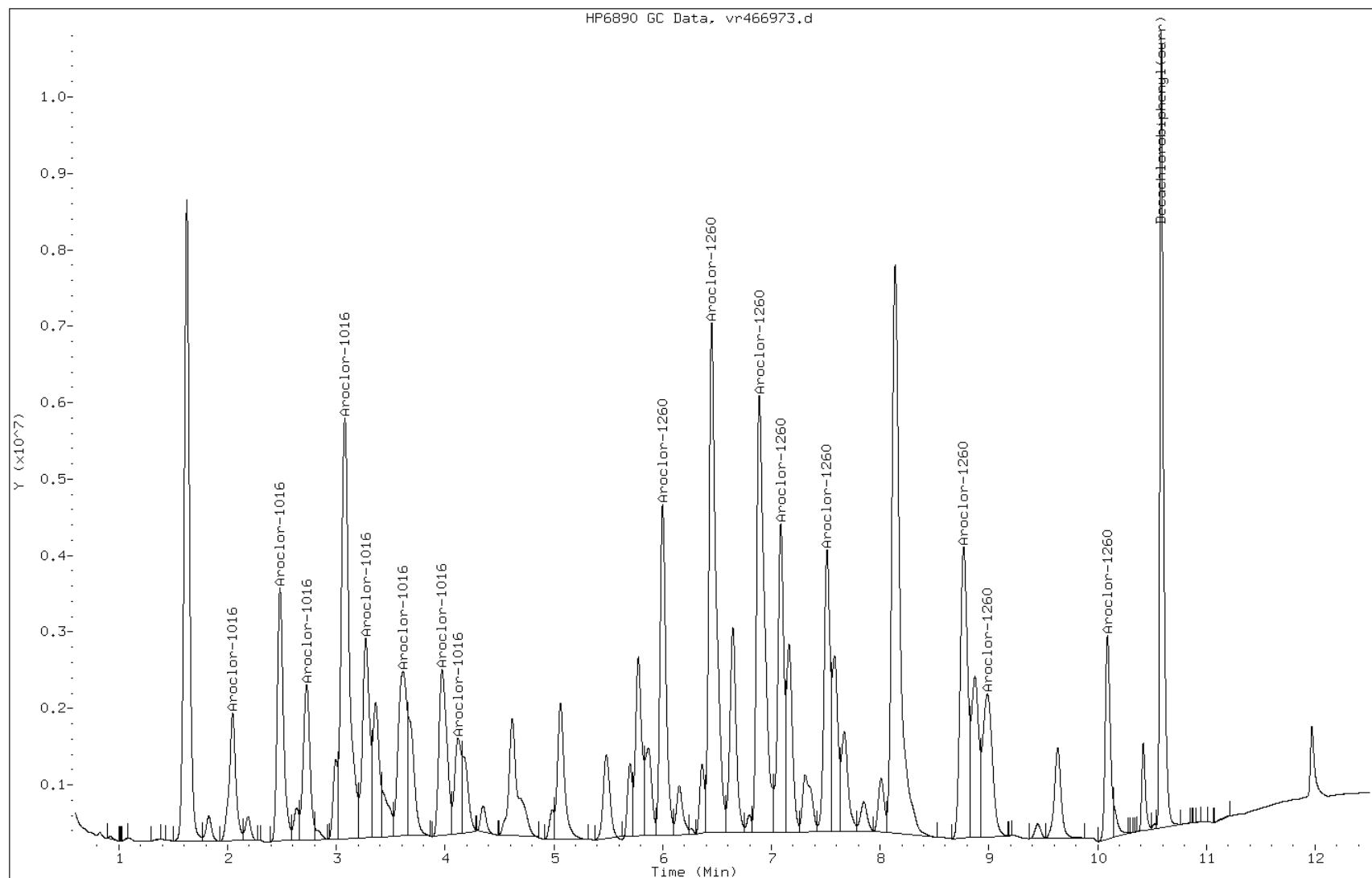
Date: 10-NOV-2011 14:46

Client ID:

Instrument: PESTGC9.i

Sample Info: LCS 460-92466/2-A

Operator: 280



Manual Integration Report

Data File: vr466973.d
Inj. Date and Time: 10-NOV-2011 14:46
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 11/10/2011

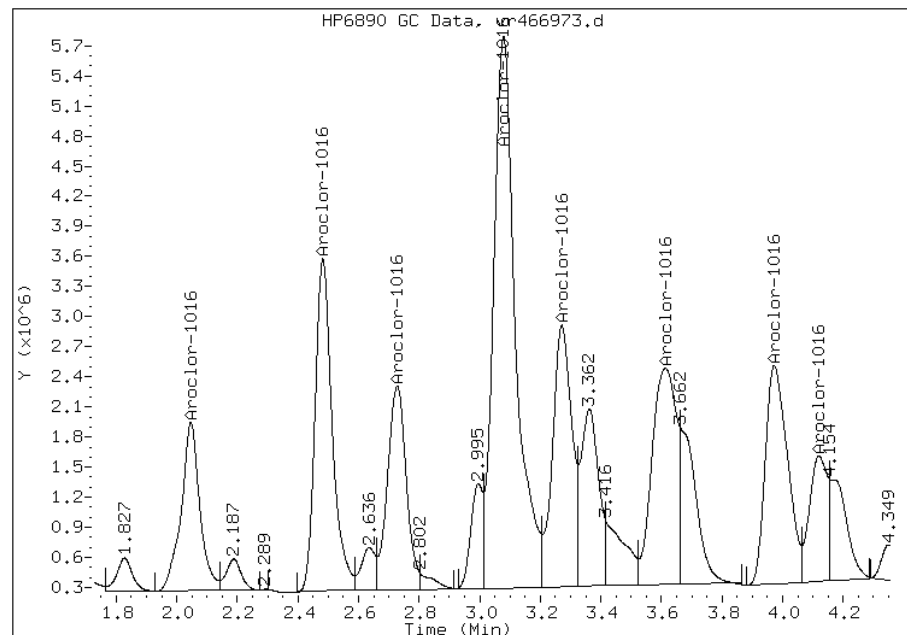
Processing Integration Results

Not Detected

Expected RT: 2.05

Manual Integration Results

RT: 2.05
Response: 7180820
Amount: 1034.95
Conc: 5.20



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vr466973.d
Inj. Date and Time: 10-NOV-2011 14:46
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/10/2011

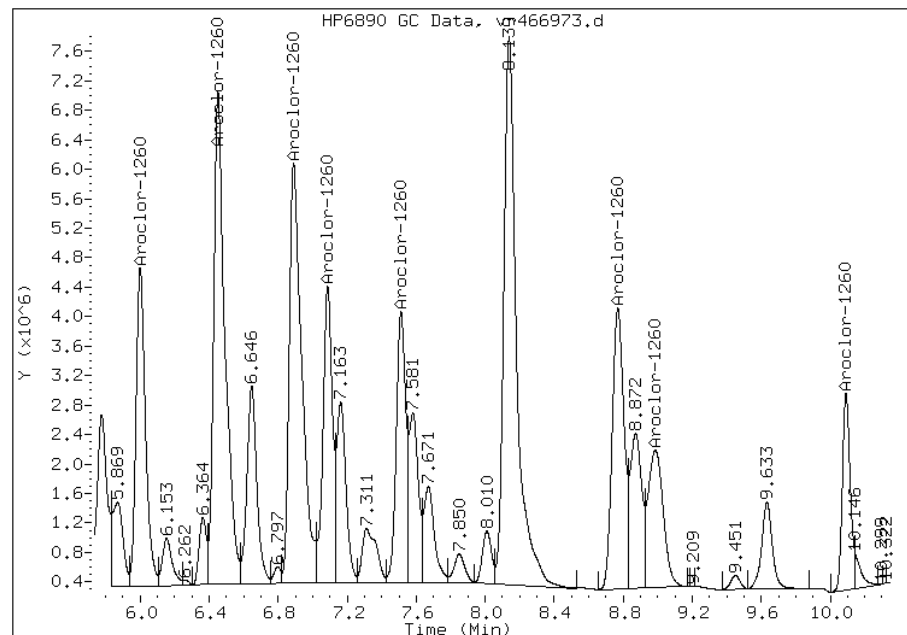
Processing Integration Results

Not Detected

Expected RT: 6.00

Manual Integration Results

RT: 6.00
Response: 16639782
Amount: 1100.79
Conc: 5.50



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-92466/3-A
 Matrix: Water Lab File ID: vf466974.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 1000(mL) Date Analyzed: 11/10/2011 15:01
 Con. Extract Vol.: 5(mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53(mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92579 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	5.39		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	5.26		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	107		37-150

Data File: vf466974.d
Report Date: 10-Nov-2011 16:23

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/vf466974.d
Lab Smp Id: LCSD 460-92466/3-A
Inj Date : 10-NOV-2011 15:01
Operator : 280
Smp Info : LCSD 460-92466/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/front/Nov11/11-10-11/10nov11b.b/08Vf8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3
Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vf466670.d
QC Sample: BSD
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.921	2.928	-0.007	4172638	1107.23	5.5	80.00-	120.00	100.00(M)
3.589	3.596	-0.007	8833773	1050.80	5.2	167.79-	251.69	211.71
4.031	4.035	-0.004	3862301	1085.29	5.4	71.22-	106.83	92.56
4.431	4.434	-0.003	15714469	1064.74	5.3	293.18-	439.77	376.61
4.674	4.677	-0.003	7308183	1066.02	5.3	136.68-	205.03	175.15
5.110	5.111	-0.001	4420104	1070.87	5.4	84.46-	126.69	105.93
5.497	5.496	0.001	5380862	1078.69	5.4	101.10-	151.66	128.96
5.707	5.704	0.003	5462072	1105.27	5.5	101.93-	152.89	130.90
Average of Peak Concentrations =					5.4			

27 Aroclor-1260					CAS #: 11096-82-5			
7.393	7.387	0.006	4884735	1057.09	5.3	80.00-	120.00	100.00(M)
7.699	7.693	0.006	10520922	1007.23	5.0	175.51-	263.26	215.38

Data File: vf466974.d
 Report Date: 10-Nov-2011 16:23

			CONCENTRATIONS					
			ON-COL	FINAL				
RT	EXP RT	DLT RT	RESPONSE (ug/L)	(ug/L)	TARGET RANGE	RATIO		
==	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)								
8.154	8.147	0.007	11918751	1025.72	5.1 194.42-	291.63	244.00	
9.263	9.254	0.009	8073149	1086.05	5.4 131.17-	196.75	165.27	
9.394	9.387	0.007	4603831	1156.87	5.8 72.34-	108.50	94.25	
9.867	9.862	0.005	8738851	1098.87	5.5 141.87-	212.81	178.90	
10.602	10.598	0.004	8896690	945.694	4.7 164.18-	246.27	182.13	
11.074	11.069	0.005	3773945	1045.99	5.2 66.30-	99.45	77.26	
Average of Peak Concentrations =				5.3				

\$ 30 Decachlorobiphenyl(surr)				CAS #: 2051-24-3				
11.507	11.503	0.004	12372489	106.526	0.53 80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vf466974.d

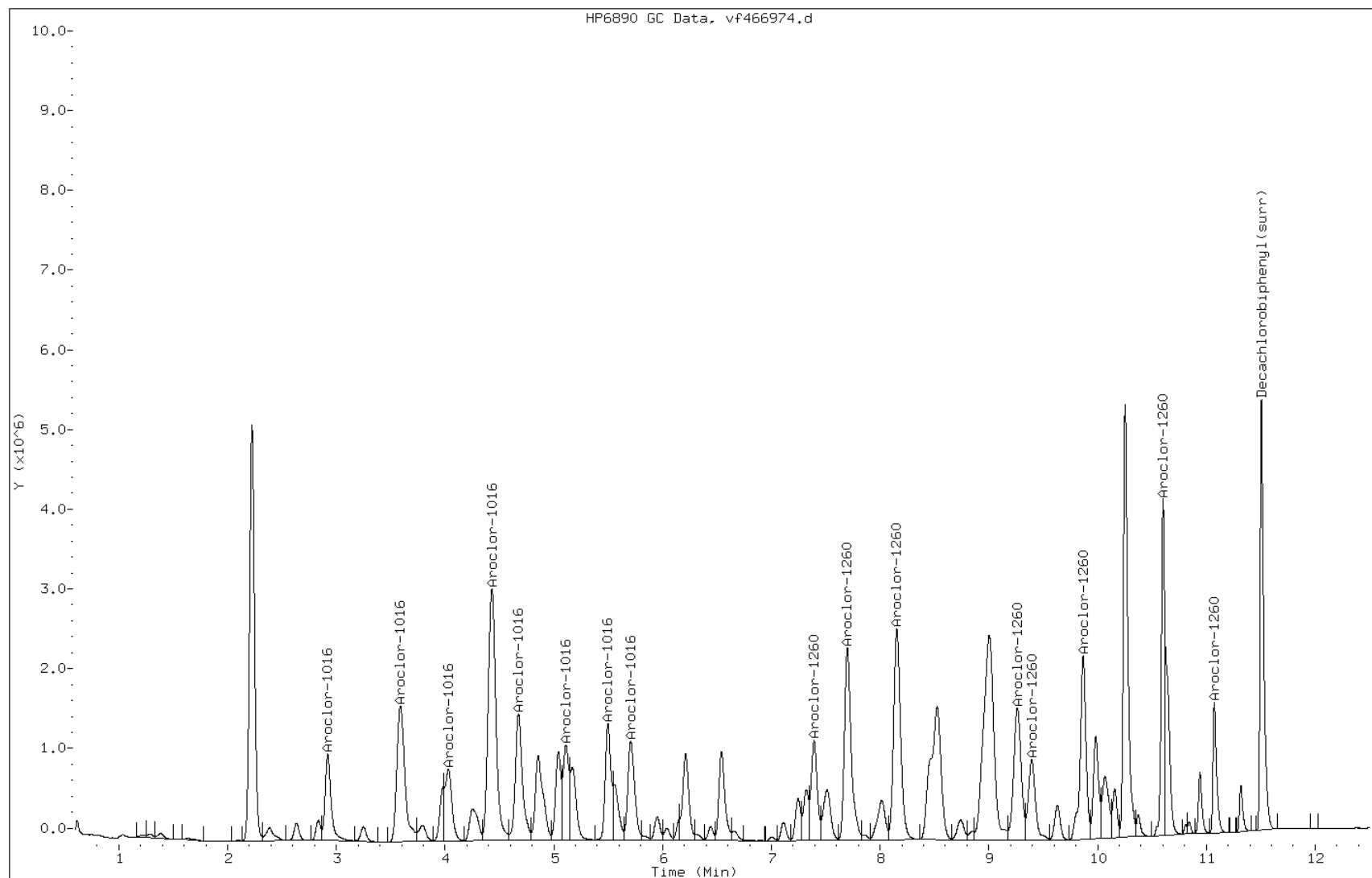
Date: 10-NOV-2011 15:01

Client ID:

Instrument: PESTGC9.i

Sample Info: LCSD 460-92466/3-A

Operator: 280



Manual Integration Report

Data File: vf466974.d
Inj. Date and Time: 10-NOV-2011 15:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 11/10/2011

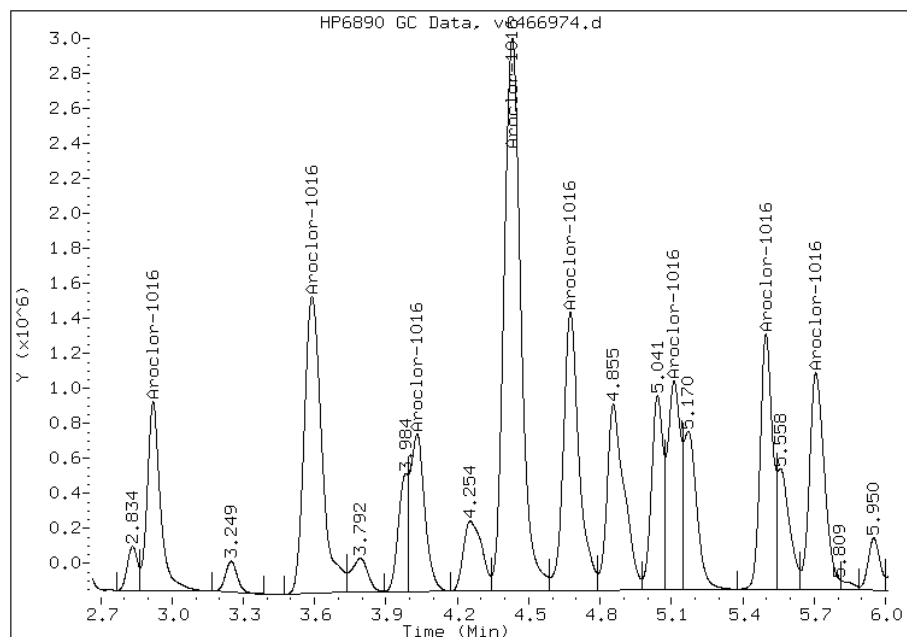
Processing Integration Results

Not Detected

Expected RT: 2.92

Manual Integration Results

RT: 2.92
Response: 4172638
Amount: 1078.61
Conc: 5.40



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Manual Integration Report

Data File: vf466974.d
Inj. Date and Time: 10-NOV-2011 15:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/10/2011

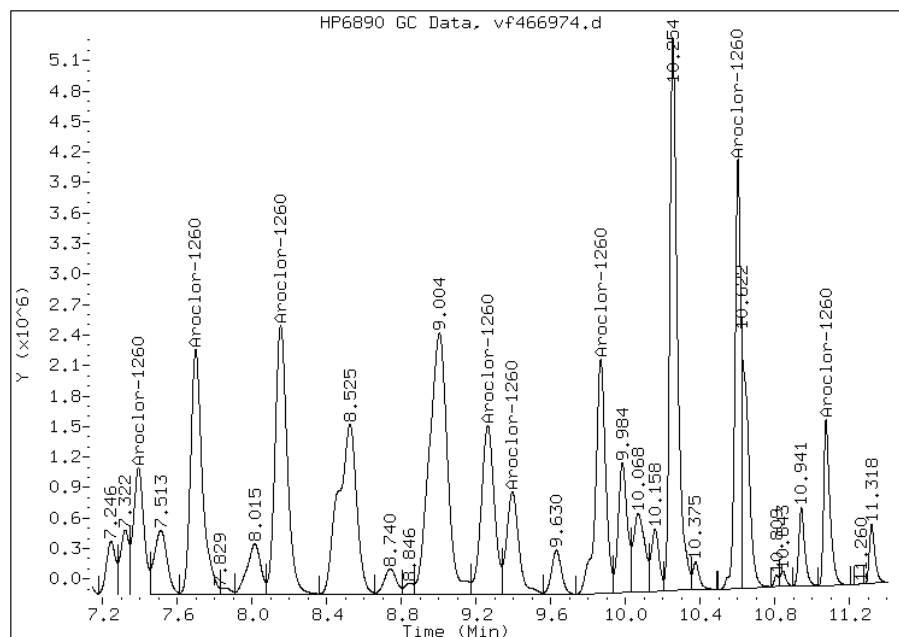
Processing Integration Results

Not Detected

Expected RT: 7.39

Manual Integration Results

RT: 7.39
Response: 4884735
Amount: 1052.94
Conc: 5.30



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCSD 460-92466/3-A
 Matrix: Water Lab File ID: vr466974.d
 Analysis Method: 8082 Date Collected: _____
 Extraction Method: 3510C Date Extracted: 11/10/2011 07:33
 Sample wt/vol: 1000 (mL) Date Analyzed: 11/10/2011 15:01
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92579 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	4.98		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	5.29		0.50	0.15

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	115		37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/vr466974.d
Lab Smp Id: LCSD 460-92466/3-A
Inj Date : 10-NOV-2011 15:01
Operator : 280
Smp Info : LCSD 460-92466/3-A
Misc Info :
Comment :
Method : /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b/08Vr8082.m
Meth Date : 10-Nov-2011 16:22 shanthi
Cal Date : 04-NOV-2011 04:57
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon
Target Version: 3.50
Processing Host: hpd3

Inst ID: PESTGC9.i
Quant Type: ESTD
Cal File: vr466670.d
QC Sample: BSD
Compound Sublist: AllPCB.sub
Sample Matrix: WATER

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

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

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.046	2.049	-0.003	6981504	962.130	4.8	80.00-	120.00	100.00(M)
2.482	2.483	-0.001	12930806	1021.59	5.1	143.03-	214.55	185.22
2.728	2.730	-0.002	9358193	1136.07	5.7	102.94-	154.41	134.04
3.079	3.082	-0.003	27237474	984.286	4.9	305.66-	458.49	390.14
3.270	3.274	-0.004	11221955	1029.86	5.1	125.53-	188.29	160.74
3.613	3.617	-0.004	11657954	979.309	4.9	133.99-	200.98	166.98
3.973	3.975	-0.002	10730216	1030.88	5.2	119.43-	179.14	153.69
4.153	4.122	0.031	4230015	829.864	4.1	57.16-	85.74	60.59
Average of Peak Concentrations =					5.0			

27 Aroclor-1260					CAS #: 11096-82-5			
6.002	6.002	0.000	16100132	987.275	4.9	80.00-	120.00	100.00(M)
6.453	6.453	0.000	29541182	1005.91	5.0	150.63-	225.94	183.48

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
6.891	6.892	-0.001	27699733	1052.65	5.3	141.73-	212.60	172.05	
7.088	7.089	-0.001	14948363	1088.46	5.4	75.03-	112.54	92.85	
7.514	7.515	-0.001	13754333	1067.09	5.3	70.58-	105.86	85.43	
8.771	8.772	-0.001	17324890	1102.23	5.5	87.66-	131.48	107.61	
8.989	8.990	-0.001	11220701	1111.93	5.6	58.83-	88.25	69.69	
10.094	10.093	0.001	8098988	1053.87	5.3	47.27-	70.91	50.30	
Average of Peak Concentrations =					5.3				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.586	10.587	-0.001	22502041	114.589	0.57	80.00-	120.00	100.00	

QC Flag Legend

M - Compound response manually integrated.

Data File: vr466974.d

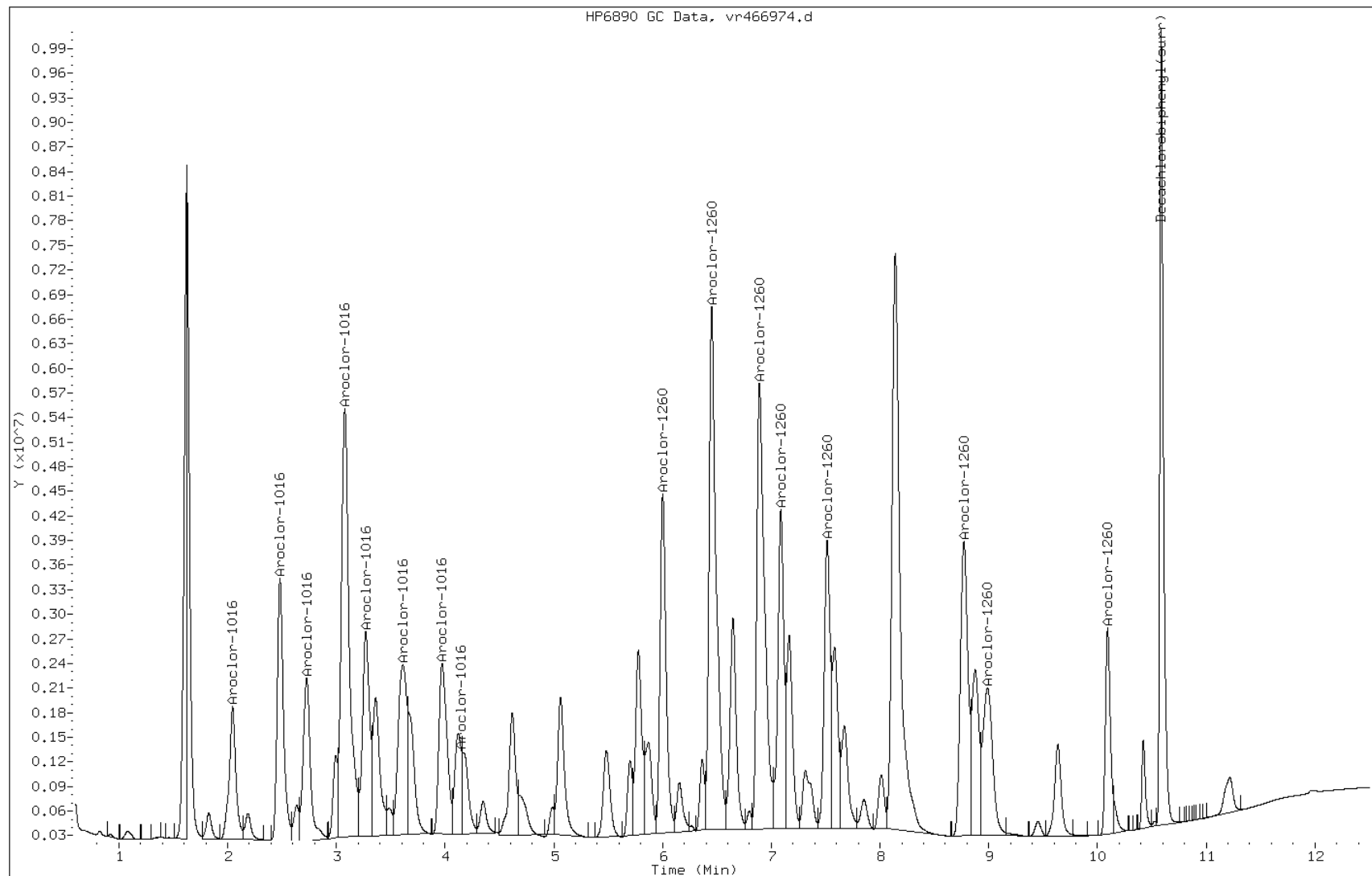
Date: 10-NOV-2011 15:01

Client ID:

Instrument: PESTGC9.i

Sample Info: LCSD 460-92466/3-A

Operator: 280



Manual Integration Report

Data File: vr466974.d
Inj. Date and Time: 10-NOV-2011 15:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 11/10/2011

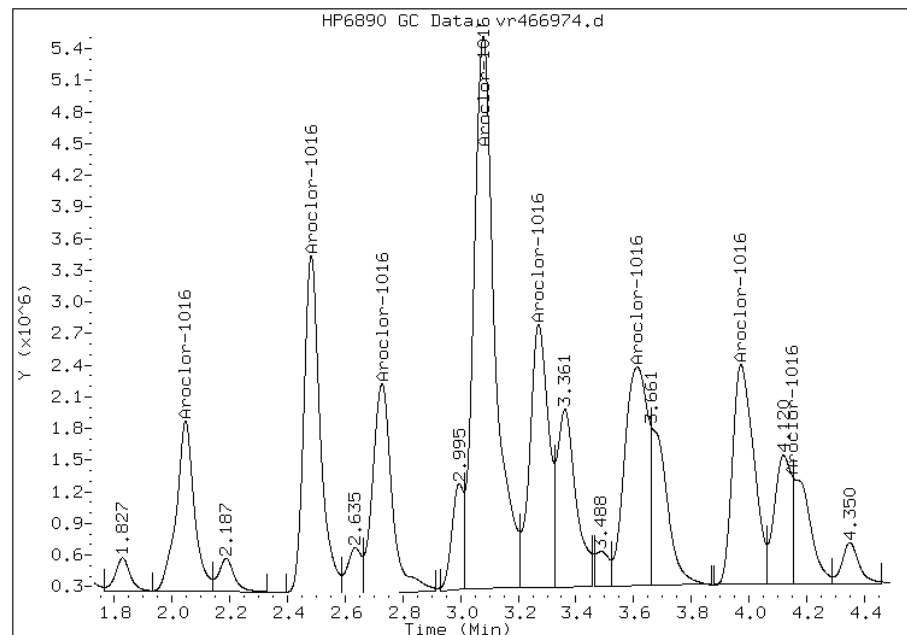
Processing Integration Results

Not Detected

Expected RT: 2.05

Manual Integration Results

RT: 2.05
Response: 6981504
Amount: 996.75
Conc: 5.00

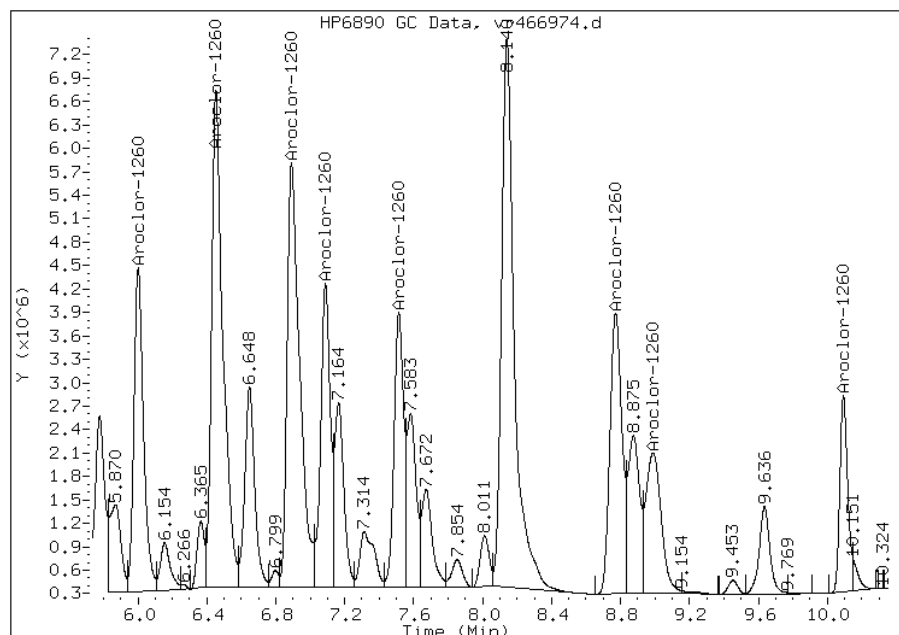


Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

Data File: vr466974.d
Inj. Date and Time: 10-NOV-2011 15:01
Instrument ID: PESTGC9.i
Client ID:
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/10/2011

Expected RT: 6.00

RT: 6.00
Response: 16100132
Amount: 1058.68
Conc: 5.30



Manually Integrated By: shanthi
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS
 Matrix: Water Lab File ID: of179776.d
 Analysis Method: 8082 Date Collected: 11/02/2011 10:00
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 800 (mL) Date Analyzed: 11/08/2011 19:34
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	1.85		0.63	0.16
11104-28-2	PCB-1221	0.63	U	0.63	0.35
11141-16-5	PCB-1232	0.63	U	0.63	0.15
53469-21-9	PCB-1242	0.63	U	0.63	0.15
12672-29-6	PCB-1248	0.63	U	0.63	0.30
11097-69-1	PCB-1254	0.63	U	0.63	0.21
11096-82-5	PCB-1260	1.58		0.63	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	25	X	37-150

Data File: of179776.d
Report Date: 09-Nov-2011 03:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179776.d
Lab Smp Id: 460-33168-G-1-A MS Client Smp ID: GW-17338-110211-MW2
Inj Date : 08-NOV-2011 19:34
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-G-1-A MS
Misc Info : 460-33168-G-1-A MS
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 40 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	800.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.963	2.963	0.000	34889	297.005	1.8	80.00-	120.00	100.00(R)
3.423	3.423	0.000	84428	306.111	1.9	171.19-	256.79	241.99
3.703	3.703	0.000	36335	298.169	1.9	81.80-	122.70	104.15
3.958	3.958	0.000	148966	298.909	1.9	320.72-	481.08	426.97
4.125	4.125	0.000	63246	296.085	1.8	139.95-	209.93	181.28
4.423	4.423	0.000	41019	299.273	1.9	91.91-	137.86	117.57
5.238	5.240	-0.002	39656	290.317	1.8	103.28-	154.92	113.67
5.487	5.487	0.000	38496	282.184	1.8	91.65-	137.47	110.34
Average of Peak Concentrations =					1.8			

27 Aroclor-1260					CAS #: 11096-82-5			
6.365	6.367	-0.002	93990	277.087	1.7	80.00-	120.00	100.00(RM)
6.697	6.698	-0.001	105112	274.733	1.7	89.98-	134.96	111.83

Data File: of179776.d
 Report Date: 09-Nov-2011 03:46

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
27 Aroclor-1260 (continued)								
7.330	7.333	-0.003	143236	263.728	1.6	131.70-	197.55	152.40
7.518	7.522	-0.004	56831	219.651	1.4	60.57-	90.86	60.47
7.632	7.635	-0.003	31938	211.302	1.3	35.59-	53.39	33.98
8.167	8.172	-0.005	81491	269.961	1.7	73.26-	109.89	86.70
9.370	9.373	-0.003	104845	264.020	1.6	92.52-	138.78	111.55
10.053	10.057	-0.004	30945	245.091	1.5	30.32-	45.48	32.92
Average of Peak Concentrations =					1.6			

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3			
10.573	10.575	-0.002	86357	24.9171	0.16	80.00-	120.00	100.00(R)

QC Flag Legend

- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.

Data File: of179776.d

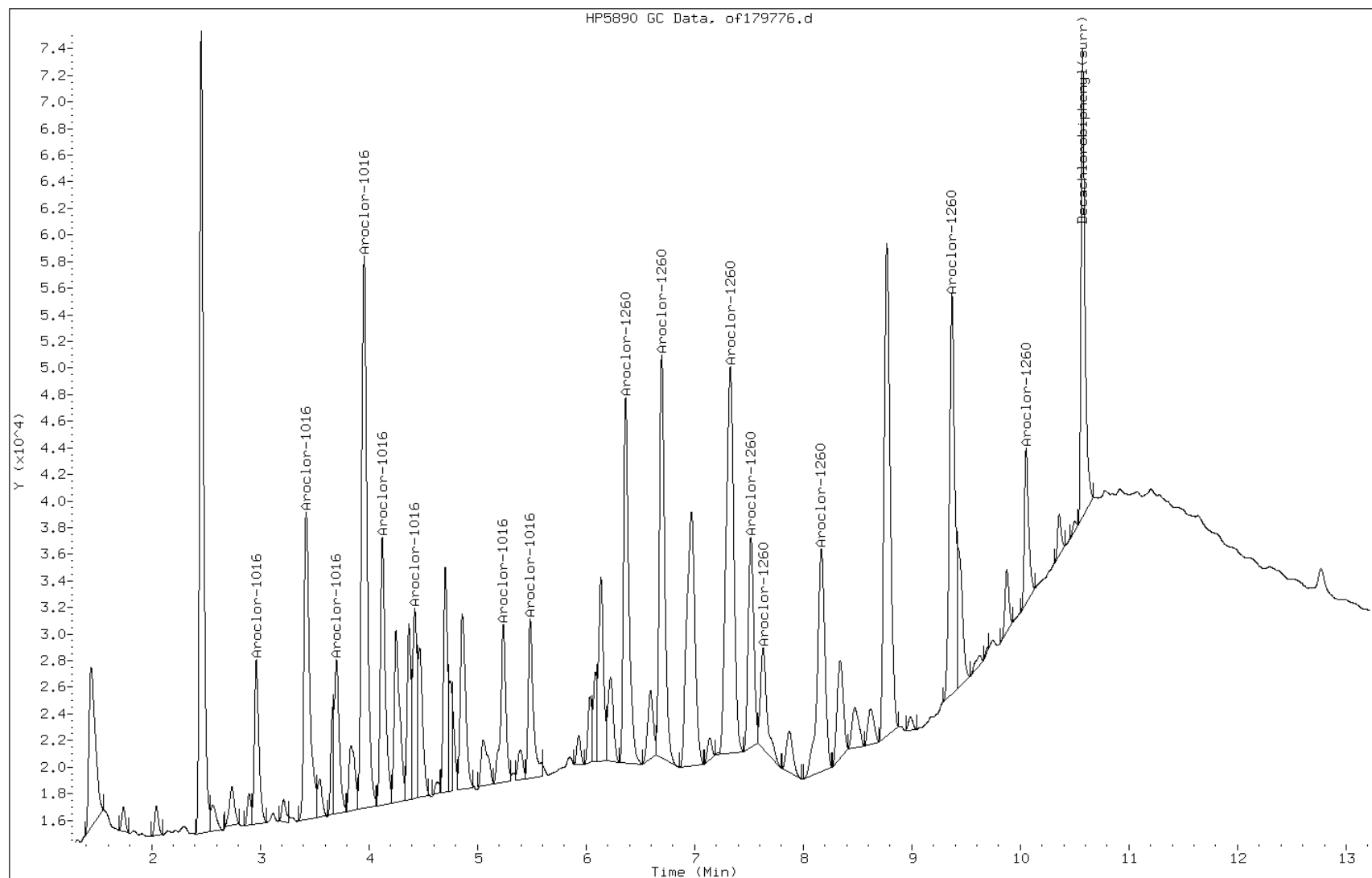
Date: 08-NOV-2011 19:34

Client ID: GW-17338-110211-MW2

Instrument: PESTGC7.i

Sample Info: 460-33168-G-1-A MS

Operator:



Manual Integration Report

Data File: of179776.d
Inj. Date and Time: 08-NOV-2011 19:34
Instrument ID: PESTGC7.i
Client ID: GW-17338-110211-MW2
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/09/2011

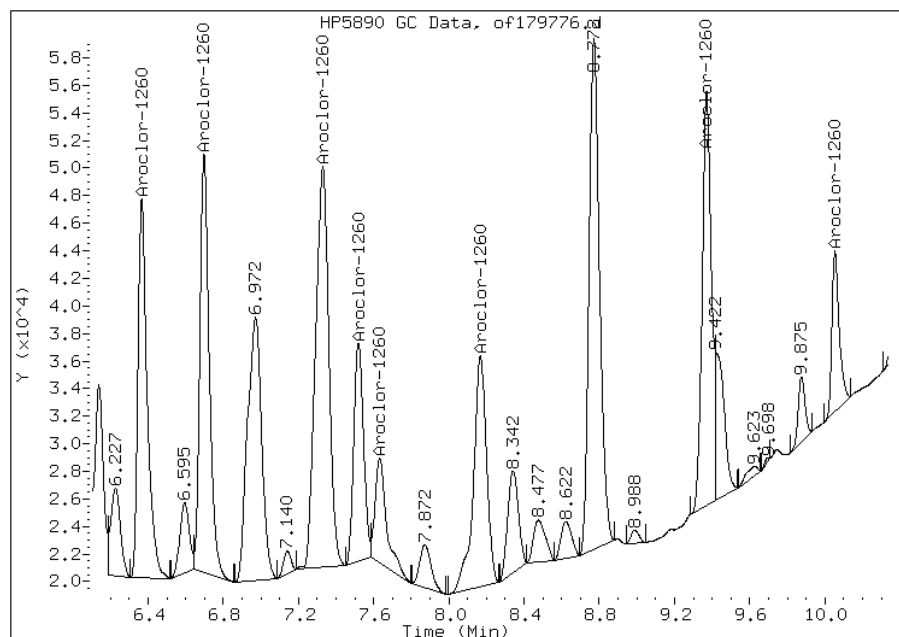
Processing Integration Results

Not Detected

Expected RT: 6.37

Manual Integration Results

RT: 6.37
Response: 93990
Amount: 253.20
Conc: 1.60



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MS
 Matrix: Water Lab File ID: or179776.d
 Analysis Method: 8082 Date Collected: 11/02/2011 10:00
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 800 (mL) Date Analyzed: 11/08/2011 19:34
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	2.20		0.63	0.16
11104-28-2	PCB-1221	0.63	U	0.63	0.35
11141-16-5	PCB-1232	0.63	U	0.63	0.15
53469-21-9	PCB-1242	0.63	U	0.63	0.15
12672-29-6	PCB-1248	0.63	U	0.63	0.30
11097-69-1	PCB-1254	0.63	U	0.63	0.21
11096-82-5	PCB-1260	1.98		0.63	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	25	X	37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179776.d
Lab Smp Id: 460-33168-G-1-A MS Client Smp ID: GW-17338-110211-MW2
Inj Date : 08-NOV-2011 19:34
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-G-1-A MS
Misc Info : 460-33168-G-1-A MS
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/08Or8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 40 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	800.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

CONCENTRATIONS									
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
21 Aroclor-1016					CAS #: 12674-11-2				
2.350	2.353	-0.003	30717	316.616	2.0	80.00-	120.00	100.00(RM)	
2.675	2.678	-0.003	59179	382.374	2.4	134.62-	201.93	192.66	
2.867	2.870	-0.003	38487	361.256	2.2	96.18-	144.27	125.30	
3.128	3.132	-0.004	113649	348.265	2.2	282.46-	423.68	369.99	
3.272	3.275	-0.003	45015	359.000	2.2	108.94-	163.41	146.55	
3.333	3.338	-0.005	29869	334.697	2.1	79.17-	118.75	97.24	
3.472	3.488	-0.016	56127	349.737	2.2	130.94-	196.41	182.72	
3.710	3.713	-0.003	47043	362.276	2.3	115.89-	173.84	153.15	
Average of Peak Concentrations =					2.2				

27 Aroclor-1260					CAS #: 11096-82-5				
5.128	5.132	-0.004	65804	345.096	2.2	80.00-	120.00	100.00(RM)	
5.472	5.475	-0.003	116649	343.359	2.1	143.40-	215.10	177.27	

CONCENTRATIONS									
RT	EXP RT	DLT RT	ON-COL		FINAL	TARGET RANGE	RATIO		
			RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====	=====	=====		
27 Aroclor-1260 (continued)									
5.817	5.820	-0.003	112037	346.824	2.2	138.37-	207.55	170.26	
5.963	5.965	-0.002	52091	345.639	2.2	63.49-	95.24	79.16	
6.290	6.293	-0.003	65726	369.039	2.3	76.43-	114.65	99.88	
7.252	7.257	-0.005	61601	303.170	1.9	86.54-	129.80	93.61	
7.413	7.418	-0.005	26558	243.182	1.5	46.51-	69.76	40.36	
8.625	8.633	-0.008	24124	232.624	1.4	37.72-	56.57	36.66	
Average of Peak Concentrations =					2.0				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.398	9.402	-0.004	79068	25.1313	0.16	80.00-	120.00	100.00(R)	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.

Data File: or179776.d

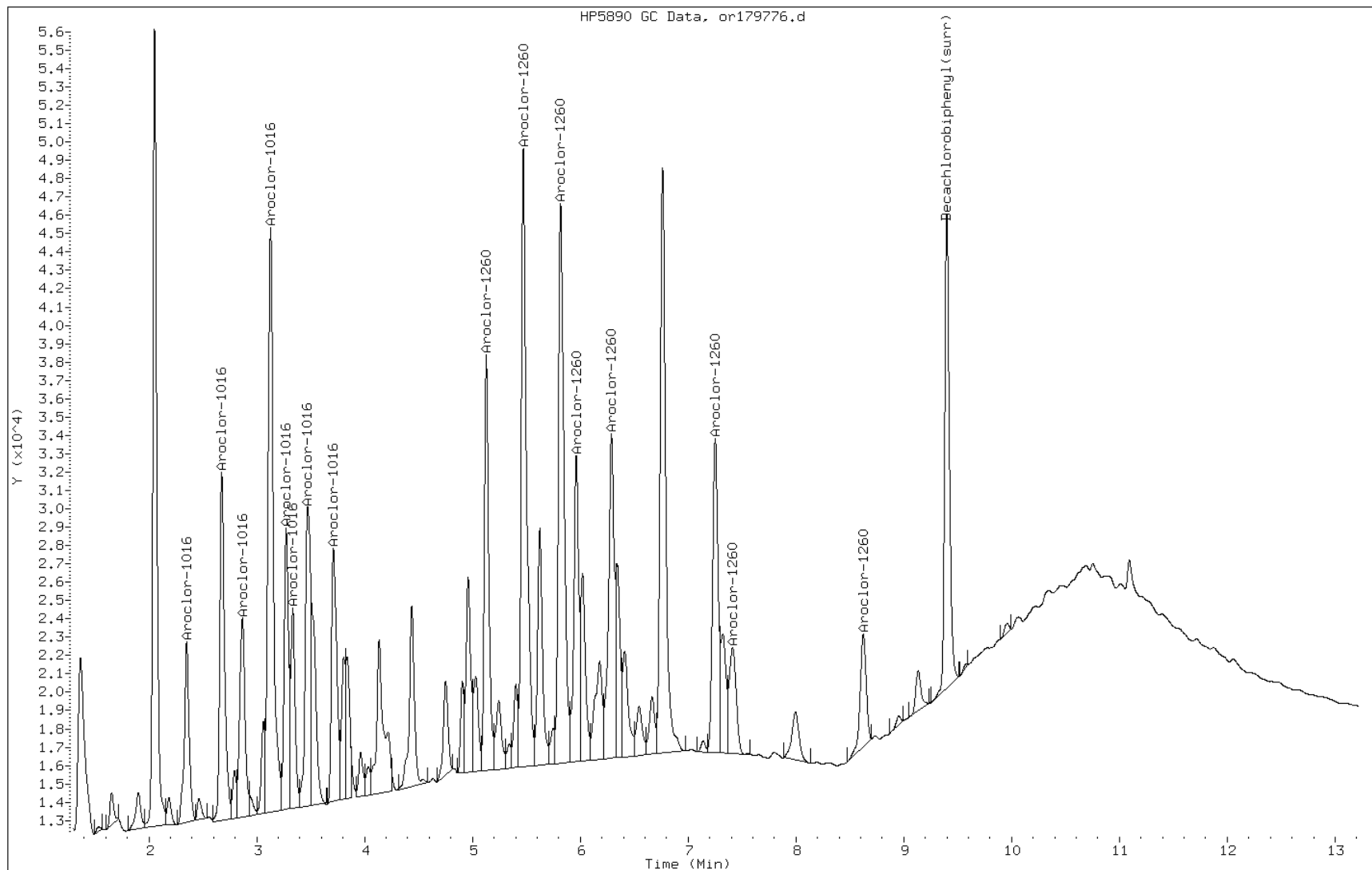
Date: 08-NOV-2011 19:34

Client ID: GW-17338-110211-MW2

Instrument: PESTGC7.i

Sample Info: 460-33168-G-1-A MS

Operator:



Manual Integration Report

Data File: or179776.d
Inj. Date and Time: 08-NOV-2011 19:34
Instrument ID: PESTGC7.i
Client ID: GW-17338-110211-MW2
Compound: 21 Aroclor-1016
CAS #: 12674-11-2
Report Date: 11/09/2011

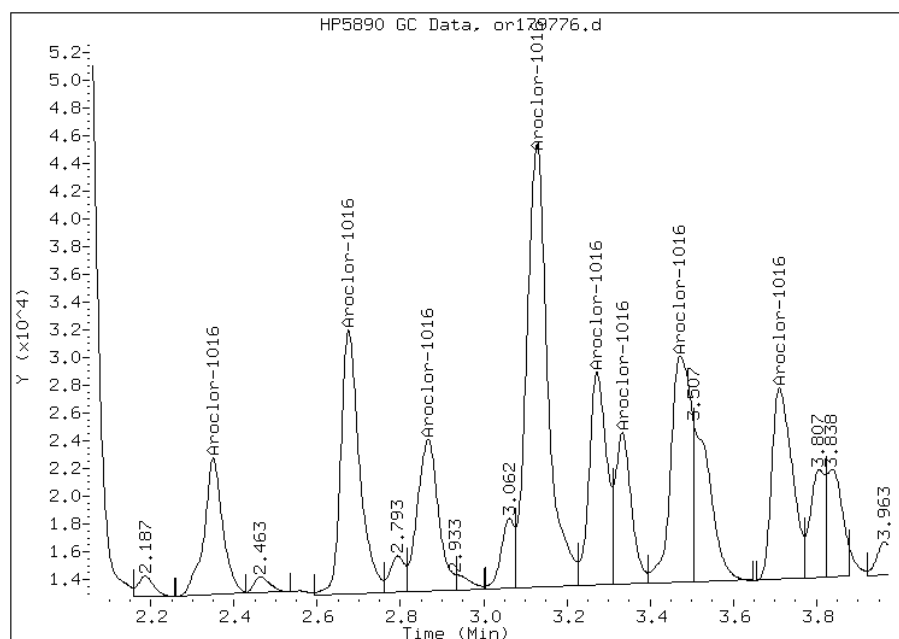
Processing Integration Results

Not Detected

Expected RT: 2.35

Manual Integration Results

RT: 2.35
Response: 30717
Amount: 351.78
Conc: 2.20

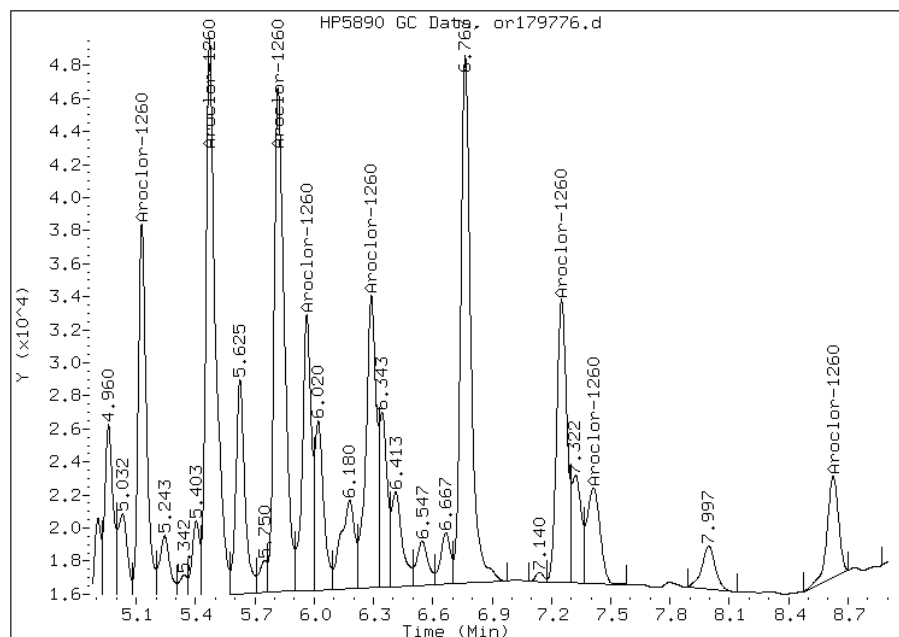


Manually Integrated By: diazc
Manual Integration Reason:

Data File: or179776.d
Inj. Date and Time: 08-NOV-2011 19:34
Instrument ID: PESTGC7.i
Client ID: GW-17338-110211-MW2
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/09/2011

Expected RT: 5.13

RT:	5.13
Response:	65804
Amount:	316.12
Conc:	2.00



Manually Integrated By: diazc
Manual Integration Reason:

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD
 Matrix: Water Lab File ID: of179777.d
 Analysis Method: 8082 Date Collected: 11/02/2011 10:00
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 760 (mL) Date Analyzed: 11/08/2011 19:51
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-2 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	1.56		0.66	0.17
11104-28-2	PCB-1221	0.66	U	0.66	0.37
11141-16-5	PCB-1232	0.66	U	0.66	0.16
53469-21-9	PCB-1242	0.66	U	0.66	0.16
12672-29-6	PCB-1248	0.66	U	0.66	0.32
11097-69-1	PCB-1254	0.66	U	0.66	0.22
11096-82-5	PCB-1260	1.36		0.66	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	16	X	37-150

Data File: of179777.d
Report Date: 09-Nov-2011 03:46

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/of179777.d
Lab Smp Id: 460-33168-G-1-B MSD Client Smp ID: GW-17338-110211-MW2
Inj Date : 08-NOV-2011 19:51
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-G-1-B MSD
Misc Info : 460-33168-G-1-B MSD
Comment :
Method : /chem1/PESTGC7.i/8082/front/Nov11/11-08-11/08nov11b.b/080f8082.m
Meth Date : 04-Nov-2011 13:09 shanthi Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: of178210.d
Als bottle: 41 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	760.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS						
			ON-COL		FINAL			TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)				
==	=====	=====	=====	=====	=====			=====	=====
21 Aroclor-1016					CAS #: 12674-11-2				
2.965	2.963	0.002	27550	234.531	1.5	80.00-	120.00	100.00(R)	
3.425	3.423	0.002	66018	239.361	1.6	171.19-	256.79	239.63	
3.705	3.703	0.002	28636	234.993	1.5	81.80-	122.70	103.94	
3.958	3.958	0.000	117979	236.732	1.6	320.72-	481.08	428.23	
4.127	4.125	0.002	51923	243.080	1.6	139.95-	209.93	188.47	
4.425	4.423	0.002	33482	244.284	1.6	91.91-	137.86	121.53	
5.238	5.240	-0.002	28527	208.839	1.4	103.28-	154.92	103.55	
5.487	5.487	0.000	35049	256.915	1.7	91.65-	137.47	127.22	
Average of Peak Concentrations =					1.6				

27 Aroclor-1260					CAS #: 11096-82-5				
6.367	6.367	0.000	83636	246.565	1.6	80.00-	120.00	100.00(RM)	
6.698	6.698	0.000	89263	233.310	1.5	89.98-	134.96	106.73	

Data File: of179777.d
 Report Date: 09-Nov-2011 03:46

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
7.330	7.333	-0.003	120870	222.547	1.5	131.70-	197.55	144.52	
7.518	7.522	-0.004	50591	195.534	1.3	60.57-	90.86	60.49	
7.632	7.635	-0.003	28968	191.652	1.3	35.59-	53.39	34.64	
8.168	8.172	-0.004	61053	202.253	1.3	73.26-	109.89	73.00	
9.372	9.373	-0.001	78672	198.113	1.3	92.52-	138.78	94.06	
10.055	10.057	-0.002	20113	159.303	1.0	30.32-	45.48	24.05	
Average of Peak Concentrations =					1.4				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
10.573	10.575	-0.002	56863	16.4072	0.11	80.00-	120.00	100.00(aR)	

QC Flag Legend

- a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.

Data File: of179777.d

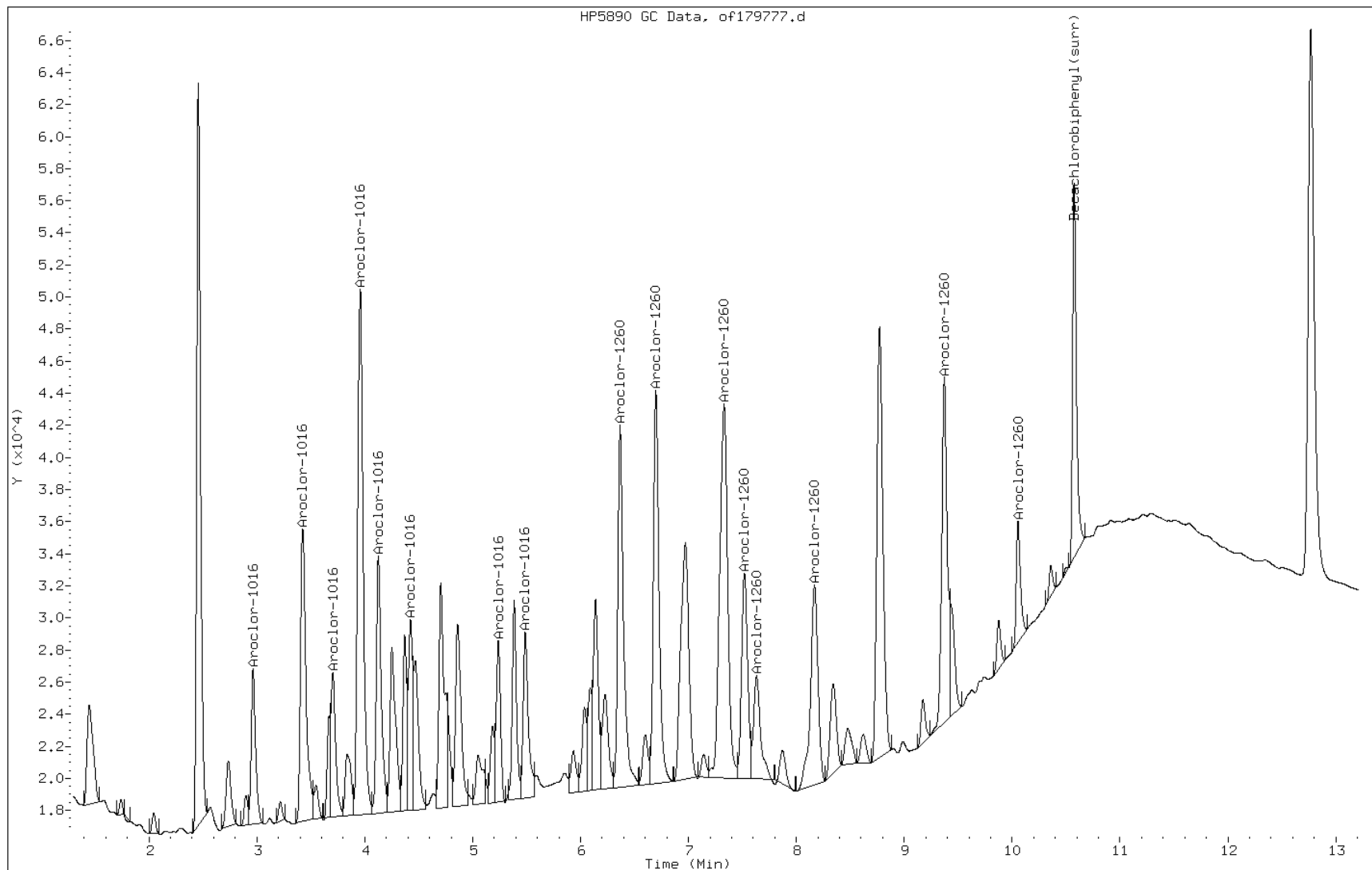
Date: 08-NOV-2011 19:51

Client ID: GW-17338-110211-MW2

Instrument: PESTGC7.i

Sample Info: 460-33168-G-1-B MSD

Operator:



Manual Integration Report

Data File: of179777.d
Inj. Date and Time: 08-NOV-2011 19:51
Instrument ID: PESTGC7.i
Client ID: GW-17338-110211-MW2
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/09/2011

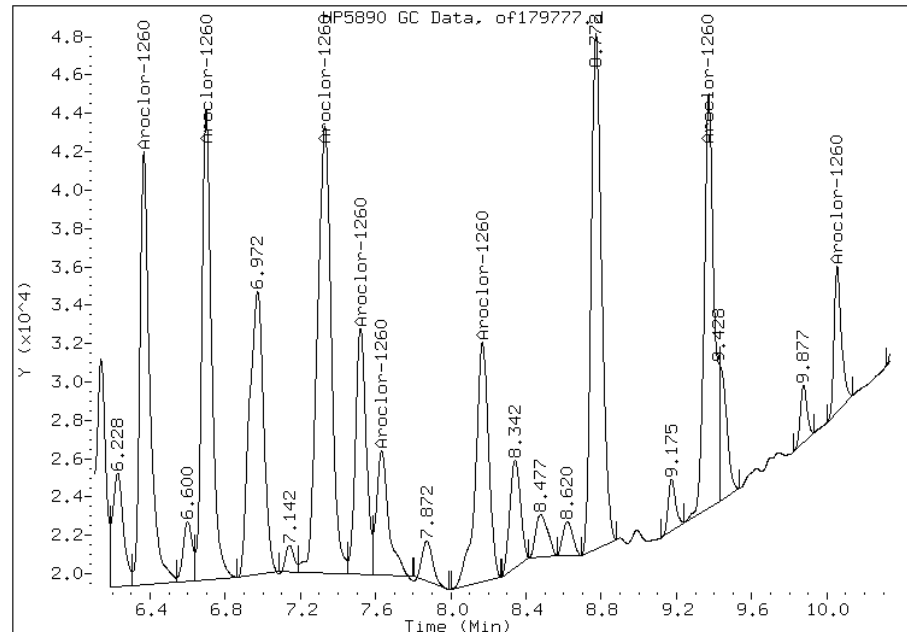
Processing Integration Results

Not Detected

Expected RT: 6.37

Manual Integration Results

RT: 6.37
Response: 83636
Amount: 206.16
Conc: 1.40



Manually Integrated By: diazc
Manual Integration Reason: Baseline Event

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Client Sample ID: GW-17338-110211-MW28-12 Lab Sample ID: 460-33168-1 MSD
 Matrix: Water Lab File ID: or179777.d
 Analysis Method: 8082 Date Collected: 11/02/2011 10:00
 Extraction Method: 3510C Date Extracted: 11/04/2011 13:54
 Sample wt/vol: 760 (mL) Date Analyzed: 11/08/2011 19:51
 Con. Extract Vol.: 5 (mL) Dilution Factor: 1
 Injection Volume: _____ GC Column: CLP-1 ID: 0.53 (mm)
 % Moisture: _____ GPC Cleanup: (Y/N) N
 Analysis Batch No.: 92311 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	PCB-1016	2.26		0.66	0.17
11104-28-2	PCB-1221	0.66	U	0.66	0.37
11141-16-5	PCB-1232	0.66	U	0.66	0.16
53469-21-9	PCB-1242	0.66	U	0.66	0.16
12672-29-6	PCB-1248	0.66	U	0.66	0.32
11097-69-1	PCB-1254	0.66	U	0.66	0.22
11096-82-5	PCB-1260	1.51		0.66	0.20

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	17	X	37-150

TestAmerica

GC ORGANICS QUANTITATION REPORT

Data file : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/or179777.d
Lab Smp Id: 460-33168-G-1-B MSD Client Smp ID: GW-17338-110211-MW2
Inj Date : 08-NOV-2011 19:51
Operator : Inst ID: PESTGC7.i
Smp Info : 460-33168-G-1-B MSD
Misc Info : 460-33168-G-1-B MSD
Comment :
Method : /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b/080r8082.m
Meth Date : 06-Nov-2011 15:21 diazc Quant Type: ESTD
Cal Date : 04-OCT-2011 12:52 Cal File: or178210.d
Als bottle: 41 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AllPCB.sub
Target Version: 3.50 Sample Matrix: WATER
Processing Host: hpd3

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vt	5.00000	Volume of final extract (mL)
Vo	760.00000	Volume of sample extracted (mL)

Cpnd Variable Local Compound Variable

			CONCENTRATIONS					
			ON-COL		FINAL			
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO
==	=====	=====	=====	=====	=====	=====	=====	=====
21 Aroclor-1016					CAS #: 12674-11-2			
2.350	2.353	-0.003	25910	267.068	1.8	80.00-	120.00	100.00(R)
2.675	2.678	-0.003	46726	301.911	2.0	134.62-	201.93	180.34
2.868	2.870	-0.002	31231	293.148	1.9	96.18-	144.27	120.54
3.128	3.132	-0.004	88064	269.863	1.8	282.46-	423.68	339.88
3.272	3.275	-0.003	35108	279.991	1.8	108.94-	163.41	135.50
3.335	3.338	-0.003	22559	252.785	1.7	79.17-	118.75	87.07
3.465	3.488	-0.023	129251	805.384	5.3	130.94-	196.41	498.85
3.712	3.713	-0.001	36674	282.425	1.8	115.89-	173.84	141.54
Average of Peak Concentrations =					2.3			

27 Aroclor-1260					CAS #: 11096-82-5			
5.128	5.132	-0.004	52925	277.555	1.8	80.00-	120.00	100.00(RM)
5.472	5.475	-0.003	91930	270.598	1.8	143.40-	215.10	173.70

			CONCENTRATIONS						
			ON-COL		FINAL				
RT	EXP RT	DLT RT	RESPONSE	(ug/L)	(ug/L)	TARGET	RANGE	RATIO	
==	=====	=====	=====	=====	=====	=====	=====	=====	
27 Aroclor-1260 (continued)									
5.817	5.820	-0.003	81093	251.033	1.6	138.37-	207.55	153.22	
5.963	5.965	-0.002	37553	249.175	1.6	63.49-	95.24	70.96	
6.290	6.293	-0.003	45337	254.558	1.7	76.43-	114.65	85.66	
7.252	7.257	-0.005	44156	217.314	1.4	86.54-	129.80	83.43	
7.413	7.418	-0.005	17290	158.318	1.0	46.51-	69.76	32.67	
8.627	8.633	-0.006	16066	154.922	1.0	37.72-	56.57	30.36	
Average of Peak Concentrations =					1.5				

\$ 30 Decachlorobiphenyl(surr)					CAS #: 2051-24-3				
9.400	9.402	-0.002	53595	17.0348	0.11	80.00-	120.00	100.00(aR)	

QC Flag Legend

- a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
- R - Spike/Surrogate failed recovery limits.
- M - Compound response manually integrated.

Data File: or179777.d

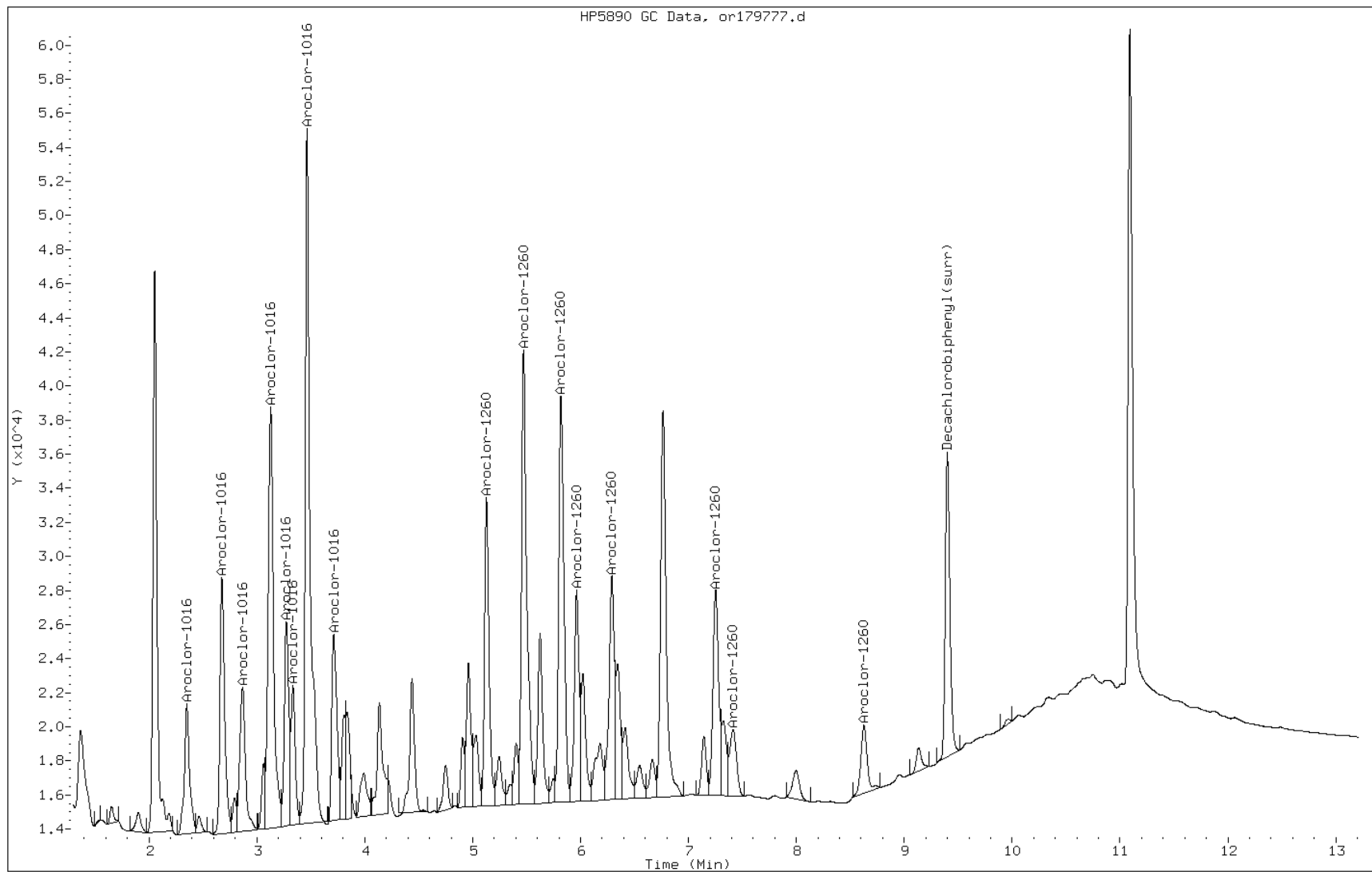
Date: 08-NOV-2011 19:51

Client ID: GW-17338-110211-MW2

Instrument: PESTGC7.i

Sample Info: 460-33168-G-1-B MSD

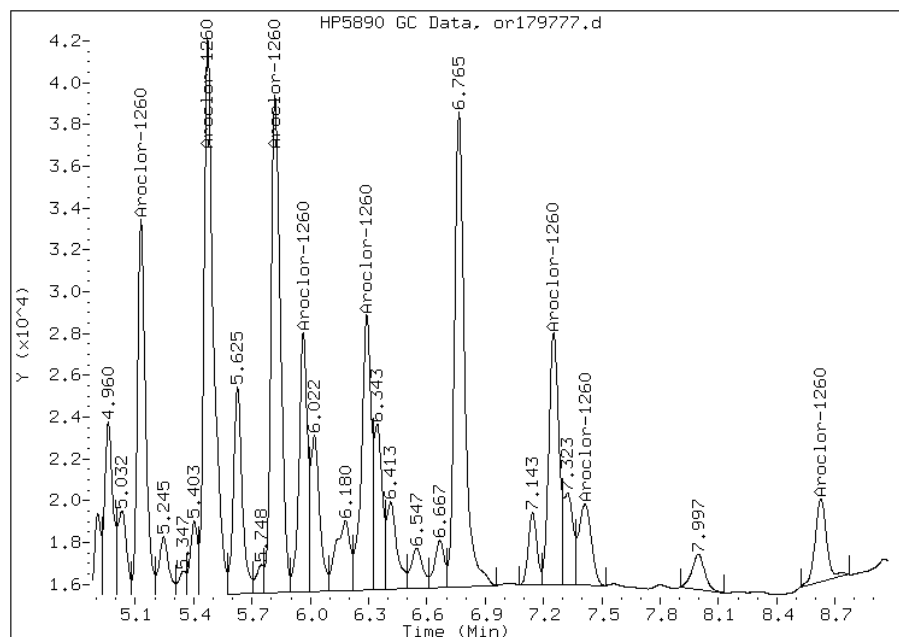
Operator:



Data File: or179777.d
Inj. Date and Time: 08-NOV-2011 19:51
Instrument ID: PESTGC7.i
Client ID: GW-17338-110211-MW2
Compound: 27 Aroclor-1260
CAS #: 11096-82-5
Report Date: 11/09/2011

Expected RT: 5.13

RT:	5.13
Response:	52925
Amount:	229.18
Conc:	1.50



Manually Integrated By: diazc
Manual Integration Reason:

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 10/04/2011 08:27Analysis Batch Number: 88199 End Date: 10/04/2011 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/04/2011 08:27	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 08:27	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 08:44	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 08:44	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 09:00	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 09:00	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 09:17	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 09:17	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 09:33	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 09:33	1		CLP-1 0.53 (mm)
IC 460-88199/6		10/04/2011 09:50	1	of178199.d	CLP-2 0.53 (mm)
IC 460-88199/6		10/04/2011 09:50	1	or178199.d	CLP-1 0.53 (mm)
IC 460-88199/7		10/04/2011 10:06	1	of178200.d	CLP-2 0.53 (mm)
IC 460-88199/7		10/04/2011 10:06	1	or178200.d	CLP-1 0.53 (mm)
IC 460-88199/8		10/04/2011 10:23	1	of178201.d	CLP-2 0.53 (mm)
IC 460-88199/8		10/04/2011 10:23	1	or178201.d	CLP-1 0.53 (mm)
IC 460-88199/9		10/04/2011 10:39	1	of178202.d	CLP-2 0.53 (mm)
IC 460-88199/9		10/04/2011 10:39	1	or178202.d	CLP-1 0.53 (mm)
IC 460-88199/10		10/04/2011 10:56	1	of178203.d	CLP-2 0.53 (mm)
IC 460-88199/10		10/04/2011 10:56	1	or178203.d	CLP-1 0.53 (mm)
IC 460-88199/11		10/04/2011 11:13	1	of178204.d	CLP-2 0.53 (mm)
IC 460-88199/11		10/04/2011 11:13	1	or178204.d	CLP-1 0.53 (mm)
IC 460-88199/12		10/04/2011 11:29	1	of178205.d	CLP-2 0.53 (mm)
IC 460-88199/12		10/04/2011 11:29	1	or178205.d	CLP-1 0.53 (mm)
IC 460-88199/13		10/04/2011 11:46	1	of178206.d	CLP-2 0.53 (mm)
IC 460-88199/13		10/04/2011 11:46	1	or178206.d	CLP-1 0.53 (mm)
IC 460-88199/14		10/04/2011 12:02	1	of178207.d	CLP-2 0.53 (mm)
IC 460-88199/14		10/04/2011 12:02	1	or178207.d	CLP-1 0.53 (mm)
IC 460-88199/15		10/04/2011 12:19	1	of178208.d	CLP-2 0.53 (mm)
IC 460-88199/15		10/04/2011 12:19	1	or178208.d	CLP-1 0.53 (mm)
IC 460-88199/16		10/04/2011 12:36	1		CLP-2 0.53 (mm)
IC 460-88199/16		10/04/2011 12:36	1		CLP-1 0.53 (mm)
IC 460-88199/17		10/04/2011 12:52	1		CLP-2 0.53 (mm)
IC 460-88199/17		10/04/2011 12:52	1		CLP-1 0.53 (mm)
ZZZZZ		10/04/2011 13:09	1		CLP-2 0.53 (mm)
ZZZZZ		10/04/2011 13:09	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: PESTGC7 Start Date: 11/08/2011 18:12Analysis Batch Number: 92311 End Date: 11/08/2011 22:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-92311/1		11/08/2011 18:12	1	of179771.d	CLP-2 0.53 (mm)
PIBLK 460-92311/1		11/08/2011 18:12	1	or179771.d	CLP-1 0.53 (mm)
CCVRT 460-92311/2		11/08/2011 18:28	1	of179772.d	CLP-2 0.53 (mm)
CCVRT 460-92311/2		11/08/2011 18:28	1	or179772.d	CLP-1 0.53 (mm)
MB 460-91916/1-A		11/08/2011 18:45	1	of179773.d	CLP-2 0.53 (mm)
MB 460-91916/1-A		11/08/2011 18:45	1	or179773.d	CLP-1 0.53 (mm)
LCS 460-91916/2-A		11/08/2011 19:01	1	of179774.d	CLP-2 0.53 (mm)
LCS 460-91916/2-A		11/08/2011 19:01	1	or179774.d	CLP-1 0.53 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/08/2011 19:18	1	of179775.d	CLP-2 0.53 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/08/2011 19:18	1	or179775.d	CLP-1 0.53 (mm)
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/08/2011 19:34	1	of179776.d	CLP-2 0.53 (mm)
460-33168-1 MS	GW-17338-110211-MW28-12 MS	11/08/2011 19:34	1	or179776.d	CLP-1 0.53 (mm)
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	11/08/2011 19:51	1	of179777.d	CLP-2 0.53 (mm)
460-33168-1 MSD	GW-17338-110211-MW28-12 MSD	11/08/2011 19:51	1	or179777.d	CLP-1 0.53 (mm)
460-33168-2	FB-17338-110211-13	11/08/2011 20:08	1	of179778.d	CLP-2 0.53 (mm)
460-33168-2	FB-17338-110211-13	11/08/2011 20:08	1	or179778.d	CLP-1 0.53 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/08/2011 20:23	1	of179779.d	CLP-2 0.53 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/08/2011 20:23	1	or179779.d	CLP-1 0.53 (mm)
ZZZZZ		11/08/2011 20:40	1		CLP-2 0.53 (mm)
ZZZZZ		11/08/2011 20:40	1		CLP-1 0.53 (mm)
ZZZZZ		11/08/2011 20:57	1		CLP-2 0.53 (mm)
ZZZZZ		11/08/2011 20:57	1		CLP-1 0.53 (mm)
ZZZZZ		11/08/2011 21:13	1		CLP-2 0.53 (mm)
ZZZZZ		11/08/2011 21:13	1		CLP-1 0.53 (mm)
ZZZZZ		11/08/2011 21:30	1		CLP-2 0.53 (mm)
ZZZZZ		11/08/2011 21:30	1		CLP-1 0.53 (mm)
ZZZZZ		11/08/2011 21:46	1		CLP-2 0.53 (mm)
ZZZZZ		11/08/2011 21:46	1		CLP-1 0.53 (mm)
ZZZZZ		11/08/2011 22:03	1		CLP-2 0.53 (mm)
ZZZZZ		11/08/2011 22:03	1		CLP-1 0.53 (mm)
ZZZZZ		11/08/2011 22:19	1		CLP-2 0.53 (mm)
ZZZZZ		11/08/2011 22:19	1		CLP-1 0.53 (mm)
PIBLK 460-92311/17		11/08/2011 22:36	1	of179787.d	CLP-2 0.53 (mm)
PIBLK 460-92311/17		11/08/2011 22:36	1	or179787.d	CLP-1 0.53 (mm)
CCV 460-92311/18		11/08/2011 22:52	1	of179788.d	CLP-2 0.53 (mm)
CCV 460-92311/18		11/08/2011 22:52	1	or179788.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica EdisonJob No.: 460-33168-1

SDG No.: _____

Instrument ID: PESTGC9Start Date: 11/03/2011 23:58Analysis Batch Number: 91856End Date: 11/04/2011 05:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/03/2011 23:58	1		CLP-2 0.53 (mm)
ZZZZZ		11/03/2011 23:58	1		CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 00:13	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 00:13	1		CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 00:29	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 00:29	1		CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 00:45	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 00:45	1		CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 01:01	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 01:01	1		CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 01:16	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 01:16	1		CLP-1 0.53 (mm)
IC 460-91856/7		11/04/2011 01:32	1	vf466657.d	CLP-2 0.53 (mm)
IC 460-91856/7		11/04/2011 01:32	1	vr466657.d	CLP-1 0.53 (mm)
IC 460-91856/8		11/04/2011 01:48	1	vf466658.d	CLP-2 0.53 (mm)
IC 460-91856/8		11/04/2011 01:48	1	vr466658.d	CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 02:04	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 02:04	1		CLP-1 0.53 (mm)
IC 460-91856/10		11/04/2011 02:19	1	vf466660.d	CLP-2 0.53 (mm)
IC 460-91856/10		11/04/2011 02:19	1	vr466660.d	CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 02:35	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 02:35	1		CLP-1 0.53 (mm)
IC 460-91856/12		11/04/2011 02:51	1	vf466662.d	CLP-2 0.53 (mm)
IC 460-91856/12		11/04/2011 02:51	1	vr466662.d	CLP-1 0.53 (mm)
IC 460-91856/13		11/04/2011 03:07	1	vf466663.d	CLP-2 0.53 (mm)
IC 460-91856/13		11/04/2011 03:07	1	vr466663.d	CLP-1 0.53 (mm)
IC 460-91856/14		11/04/2011 03:22	1	vf466664.d	CLP-2 0.53 (mm)
IC 460-91856/14		11/04/2011 03:22	1	vr466664.d	CLP-1 0.53 (mm)
IC 460-91856/15		11/04/2011 03:38	1	vf466665.d	CLP-2 0.53 (mm)
IC 460-91856/15		11/04/2011 03:38	1	vr466665.d	CLP-1 0.53 (mm)
IC 460-91856/16		11/04/2011 03:54	1	vf466666.d	CLP-2 0.53 (mm)
IC 460-91856/16		11/04/2011 03:54	1	vr466666.d	CLP-1 0.53 (mm)
IC 460-91856/17		11/04/2011 04:10	1	vf466667.d	CLP-2 0.53 (mm)
IC 460-91856/17		11/04/2011 04:10	1	vr466667.d	CLP-1 0.53 (mm)
IC 460-91856/18		11/04/2011 04:26	1	vf466668.d	CLP-2 0.53 (mm)
IC 460-91856/18		11/04/2011 04:26	1	vr466668.d	CLP-1 0.53 (mm)
IC 460-91856/19		11/04/2011 04:41	1		CLP-2 0.53 (mm)
IC 460-91856/19		11/04/2011 04:41	1		CLP-1 0.53 (mm)
IC 460-91856/20		11/04/2011 04:57	1		CLP-2 0.53 (mm)
IC 460-91856/20		11/04/2011 04:57	1		CLP-1 0.53 (mm)
ZZZZZ		11/04/2011 05:13	1		CLP-2 0.53 (mm)
ZZZZZ		11/04/2011 05:13	1		CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: PESTGC9 Start Date: 11/10/2011 14:01Analysis Batch Number: 92579 End Date: 11/10/2011 15:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/10/2011 14:01	1		CLP-2 0.53 (mm)
ZZZZZ		11/10/2011 14:01	1		CLP-1 0.53 (mm)
CCVRT 460-92579/2		11/10/2011 14:15	1	vf466971.d	CLP-2 0.53 (mm)
CCVRT 460-92579/2		11/10/2011 14:15	1	vr466971.d	CLP-1 0.53 (mm)
MB 460-92466/1-A		11/10/2011 14:30	1	vf466972.d	CLP-2 0.53 (mm)
MB 460-92466/1-A		11/10/2011 14:30	1	vr466972.d	CLP-1 0.53 (mm)
LCS 460-92466/2-A		11/10/2011 14:46	1	vf466973.d	CLP-2 0.53 (mm)
LCS 460-92466/2-A		11/10/2011 14:46	1	vr466973.d	CLP-1 0.53 (mm)
LCSD 460-92466/3-A		11/10/2011 15:01	1	vf466974.d	CLP-2 0.53 (mm)
LCSD 460-92466/3-A		11/10/2011 15:01	1	vr466974.d	CLP-1 0.53 (mm)
ZZZZZ		11/10/2011 15:16	1		CLP-2 0.53 (mm)
ZZZZZ		11/10/2011 15:16	1		CLP-1 0.53 (mm)
ZZZZZ		11/10/2011 15:32	1		CLP-2 0.53 (mm)
ZZZZZ		11/10/2011 15:32	1		CLP-1 0.53 (mm)
CCV 460-92579/8		11/10/2011 15:47	1	vf466977.d	CLP-2 0.53 (mm)
CCV 460-92579/8		11/10/2011 15:47	1	vr466977.d	CLP-1 0.53 (mm)

GC SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: PESTGC9 Start Date: 11/10/2011 16:03Analysis Batch Number: 92863 End Date: 11/10/2011 18:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-92863/1		11/10/2011 16:03	1	vf466978.d	CLP-2 0.53 (mm)
PIBLK 460-92863/1		11/10/2011 16:03	1	vr466978.d	CLP-1 0.53 (mm)
CCVRT 460-92863/2		11/10/2011 16:18	1	vf466979.d	CLP-2 0.53 (mm)
CCVRT 460-92863/2		11/10/2011 16:18	1	vr466979.d	CLP-1 0.53 (mm)
ZZZZZ		11/10/2011 16:33	1		CLP-2 0.53 (mm)
ZZZZZ		11/10/2011 16:33	1		CLP-1 0.53 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/10/2011 16:49	1	vf466981.d	CLP-2 0.53 (mm)
460-33168-1	GW-17338-110211-MW28-12	11/10/2011 16:49	1	vr466981.d	CLP-1 0.53 (mm)
460-33168-2	FB-17338-110211-13	11/10/2011 17:04	1	vf466982.d	CLP-2 0.53 (mm)
460-33168-2	FB-17338-110211-13	11/10/2011 17:04	1	vr466982.d	CLP-1 0.53 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/10/2011 17:20	1	vf466983.d	CLP-2 0.53 (mm)
460-33168-3	GW-17338-110211-MW105-14	11/10/2011 17:20	1	vr466983.d	CLP-1 0.53 (mm)
ZZZZZ		11/10/2011 17:35	1		CLP-2 0.53 (mm)
ZZZZZ		11/10/2011 17:35	1		CLP-1 0.53 (mm)
ZZZZZ		11/10/2011 17:50	1		CLP-2 0.53 (mm)
ZZZZZ		11/10/2011 17:50	1		CLP-1 0.53 (mm)
ZZZZZ		11/10/2011 18:05	1		CLP-2 0.53 (mm)
ZZZZZ		11/10/2011 18:05	1		CLP-1 0.53 (mm)
PIBLK 460-92863/10		11/10/2011 18:21	1	vf466987.d	CLP-2 0.53 (mm)
PIBLK 460-92863/10		11/10/2011 18:21	1	vr466987.d	CLP-1 0.53 (mm)
CCV 460-92863/11		11/10/2011 18:36	1	vf466988.d	CLP-2 0.53 (mm)
CCV 460-92863/11		11/10/2011 18:36	1	vr466988.d	CLP-1 0.53 (mm)

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i
Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b

Date Generated: 10/05/2011
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Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
10/04/11 0827	or178194		HEXANE	04oct11a		15	10	1	SAMPLE		
10/04/11 0844	or178195		HEXANE	04oct11a		15	10	1	SAMPLE		
10/04/11 0900	or178196		SGPIBLK_00008	04oct11a		15	10	1	INSTBLANK		
10/04/11 0917	or178197		SG1660L3_00013	04oct11a		15	10	1	SAMPLE		
10/04/11 0933	or178198		SG1660L1_00010	04oct11a		15	10	1	SAMPLE		
10/04/11 0950	or178199		IC-SG1660L1_00010			0	0	1	CALIB_1		
10/04/11 1006	or178200		IC-SG1660L2_00010			0	0	1	CALIB_2		
10/04/11 1023	or178201		IC-SG1660L3_00013			0	0	1	CALIB_3		
10/04/11 1039	or178202		ICSG1660L4_00010			0	0	1	CALIB_4		
10/04/11 1056	or178203		IC-SG1660L5_00010			0	0	1	CALIB_5		
10/04/11 1113	or178204		IC-SG1221L3_00012			0	0	1	CALIB_3		
10/04/11 1129	or178205		IC-SG1232L3_00011			0	0	1	CALIB_3		
10/04/11 1146	or178206		IC-SG1242L3_00011			0	0	1	CALIB_3		
10/04/11 1202	or178207		IC-SG1248L3_00011			0	0	1	CALIB_3		

Tals Baker: 88199

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Oct11/10-04-11aical/04oct11a.b

Date Generated: 10/05/2011

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Tals Baktu: 88199

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
10/04/11 1219	or178208		IC-SG1254L3_00011			0	0	1	CALIB_3	-	updated
10/04/11 1236	or178209		IC-SG1262L3_00010			0	0	1	CALIB_3		
10/04/11 1252	or178210		IC-SG1268L3_00011			0	0	1	CALIB_3		
10/04/11 1309	or178211		SGPCBICV_00004			1000	5	1	BS	-	q

Signed: Post H

Read and Understood by:

Saktu

Date: 10-5-11

Date: 10/5/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.1

Analytical Batch: /chem1/PESTGC9.1/8082/rear/Nov11/11-04-11aical/04nov11a.b

Date Generated: 11/04/2011

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Tabs Batch: 91858

Date	Data File	ALS	Sample ID	LFB	Ext. Date	IV	FV	DIL	SampleType	LOT	COMMENTS
11/03/11 2358	vr466651		1 HEXANE	04nov11a		15	10	1	SAMPLE	-	-
11/04/11 0013	vr466652		2 HEXANE	04nov11a		15	10	1	SAMPLE	-	-
11/04/11 0029	vr466653		3 SGPIBLK_00008	04nov11a		15	10	1	INSTBLANK	-	4 ng
11/04/11 0045	vr466654		1 HEXANE	04nov11a		15	10	1	SAMPLE	-	-
11/04/11 0101	vr466655		2 HEXANE	04nov11a		15	10	1	SAMPLE	-	-
11/04/11 0116	vr466656		3 SGPIBLK_00008	04nov11a		15	10	1	INSTBLANK	-	4 ng
11/04/11 0132	vr466657		4 IC-SG1660L3_00013			0	0	1	CALIB_3	-	up dated
11/04/11 0148	vr466658		5 IC-SG1660L1_00010			0	0	1	CALIB_1	-	
11/04/11 0204	vr466659		6 SG1660L1_00010	04nov11a		15	10	1	SAMPLE	-	
11/04/11 0219	vr466660		7 IC-SG1660L2_00010			0	0	1	CALIB_2	-	
11/04/11 0235	vr466661		8 SG1660L3_00013	04nov11a		15	10	1	SAMPLE	-	
11/04/11 0251	vr466662		9 IC-SG1660L4_00010			0	0	1	CALIB_4	-	
11/04/11 0307	vr466663		10 IC-SG1660L5_00010			0	0	1	CALIB_5	-	
11/04/11 0322	vr466664		11 IC-SG1221L3_00012			0	0	1	CALIB_3	-	up dated

11-04-11

11-04-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Nov11/11-04-11aical/04nov11a.b

Date Generated: 11/04/2011
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Tags Batch: 91858

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
11/04/11 0338	VR466665	12	IC-SG1232L3_00011	-	-	0	0	1	CALIB_3	-	updated
11/04/11 0354	VR466666	13	IC-SG1242L3_00011	-	-	0	0	1	CALIB_3	-	
11/04/11 0410	VR466667	14	IC-SG1248L3_00011	-	-	0	0	1	CALIB_3	-	
11/04/11 0426	VR466668	15	IC-SG1254L3_00011	-	-	0	0	1	CALIB_3	-	
11/04/11 0441	VR466669	16	IC-SG1262L3_00010	-	-	0	0	1	CALIB_3	-	
11/04/11 0457	VR466670	17	IC-SG1268L3_00011	-	-	0	0	1	CALIB_3	-	
11/04/11 0513	VR466671	18	SGPCBICV_00008	-	-	1000	5	1	BS	-	u

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Signed: John H Read and Understood by: [Signature]
Date: 11-4-11 Date: 11-4-11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Date Generated: 11/10/2011
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Tals B. chel.: 9231)

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	SampleType	LOT	COMMENTS
11/08/11 1812	0r179771		SGPIBLK_00008	08NOV11b		15	10	1	SAMPLE	1	420
11/08/11 1828	0r179772		CCVRTSG160L3_00013	08NOV11b		15	10	1	SAMPLE	1	420
11/08/11 1845	0r179773		MB 460-91916/1-A	08NOV11b		1000	5	1	SAMPLE	1	420
11/08/11 1901	0r179774		LCS 460-91916/2-A			1000	5	1	BS	1	420
11/08/11 1918	0r179775		460-33168-F-1-D	460-91916	11/04/11	990	5	1	SAMPLE	1	420
11/08/11 1934	0r179776		460-33168-G-1-A MS	460-91916	11/04/11	800	5	1	MS	1	420
11/08/11 1951	0r179777		460-33168-G-1-B MSD	460-91916	11/04/11	760	5	1	MSD	1	420
11/08/11 2008	0r179778		460-33168-F-2-B	460-91916	11/04/11	990	5	1	SAMPLE	1	420
11/08/11 2023	0r179779		460-33168-G-3-B	460-91916	11/04/11	990	5	1	SAMPLE	1	420
11/08/11 2040	0r179780		460-33168-G-1-B	460-91916	11/04/11	990	5	1	SAMPLE	1	420
11/08/11 2057	0r179781		460-33143-F-17-A	460-91916	11/04/11	990	5	1	SAMPLE	1	420
11/08/11 2113	0r179782		460-33143-E-18-A	460-91916	11/04/11	990	5	1	SAMPLE	1	420
11/08/11 2130	0r179783		460-32588-L-3-A	460-91916	11/04/11	990	5	1	SAMPLE	1	420
11/08/11 2146	0r179784		460-33195-E-1-A	08NOV11b		15	10	1	SAMPLE	1	420

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TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC7.i

Analytical Batch: /chem1/PESTGC7.i/8082/rear/Nov11/11-08-11/08nov11b.b

Date Generated: 11/10/2011

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Tech 15/11/11: 92311

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL	FAC	SampleType	LOT	COMMENTS
11/08/11 2203	ori179785		460-33197-G-2-A	460-91916	11/04/11 990	5		1		SAMPLE	-	data reported. no volume to extract
11/08/11 2219	ori179786		460-33213-A-2-A	460-91916	11/04/11 990	5		1		SAMPLE	-	Re cal
11/08/11 2236	ori179787		SGPIBLK_00008	08nov11b		15	10	1		INSTBLANK	-	6.20
11/08/11 2252	ori179788		CCV SG1660L3_00013			0	0	1		CCALIB_3	-	6.12511

Signed: he. feth

Read and Understood by: pyg

Date: 11-10-11

Date: 11/10/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i

Analytical Batch: /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11b.b

Date Generated: 11/10/2011

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Table 13 data: 92579

Date	Data File	ALS	Sample ID	LPB	Ext. Date	IV/ IW	FV	DIL. FAC	SampleType	LOT	COMMENTS
11/10/11	1401 vr466970	23	SGPIBLK_00008	10nov11b		15	10	1	INSTBLANK	-	4200
11/10/11	1415 vr466971	24	CCVRTSG1660L3_00013			0	0	1	CCALIB_3	-	4245E
11/10/11	1430 vr466972	25	MB 460-92466/1-A	10nov11b		1000	5	1	BLANK	-	4200
11/10/11	1446 vr466973	26	LCS 460-92466/2-A			1000	5	1	BS	-	4200
11/10/11	1501 vr466974	27	LCSD 460-92466/3-A			1000	5	1	BSD	-	4200
11/10/11	1516 vr466975	28	460-33213-B-2-A	460-92466	11/10/11	990	5	1	SAMPLE	-	4200
11/10/11	1532 vr466976	29	SGPIBLK_00008	10nov11b		15	10	1	INSTBLANK	-	4200
11/10/11	1547 vr466977	30	CCV-SG1660L3_00013			0	0	1	CCALIB_3	-	4245E

Signed: Lo. Se. H Read and Understood by: Q20

Date: 11-10-11

Date: 11/10/11

TESTAMERICA
ANALYTICAL INJECTION LOG SUMMARY

Instrument ID: PESTGC9.i
Analytical Batch: /chem1/PESTGC9.i/8082/rear/Nov11/11-10-11/10nov11c.b

Date Generated: 11/14/2011
Page 1

Tals Bata: 92863

Date	Data File	ALS	Sample ID	LFB	Ext. Date	IV/ IW	FV	DIL FAC	SampleType	LOT	COMMENTS
11/10/11	1603 vr466978	31	SGPIBLK_00008	10nov11c	15	10		1	INSTBLANK		QND
11/10/11	1618 vr466979	32	CCVRTSGI66013_00013		0	0		1	CCALIB_3		QREBLE
11/10/11	1633 vr466980	33	460-33423-A-10-A	460-92313	11/09/11	15.1	10		1	SAMPLE	QREBLE
11/10/11	1649 vr466981	34	460-33168-G-1-C	460-92466	11/10/11	1980	5		1	SAMPLE	QREBLE
11/10/11	1704 vr466982	35	460-33168-H-2-A	460-92466	11/10/11	1960	5		1	SAMPLE	QND
11/10/11	1720 vr466983	36	460-33168-I-3-A	460-92466	11/10/11	1970	5		1	SAMPLE	QND
11/10/11	1735 vr466984	37	460-33188-F-1-A	460-92466	11/10/11	1990	5		1	SAMPLE	QND
11/10/11	1750 vr466985	38	460-33143-E-17-A	460-92466	11/10/11	1990	5		1	SAMPLE	QND
11/10/11	1805 vr466986	39	460-33143-J-18-A	460-92466	11/10/11	1990	5		1	SAMPLE	QND
11/10/11	1821 vr466987	40	SGPIBLK_00008	10nov11c	15	10		1	INSTBLANK		QND
11/10/11	1836 vr466988	41	CCV-SGI66013_00013		0	0		1	CCALIB_3		QREBLE

Signed: *hsh* Read and Understood by: *hsh*

Date: 11-14-11 Date: 11/15/11

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 91916 Batch Start Date: 11/04/11 13:54 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: 11/04/11 22:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00018	OPPSTPCBSU 00018	
MB 460-91916/1		3510C, 8082		7	1000 mL	5 mL		50 uL	
LCS 460-91916/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
460-33168-G-1 MS	GW-17338-110211- MW28-12	3510C, 8082	T	7	800 mL	5 mL	50 uL	50 uL	
460-33168-G-1 MSD	GW-17338-110211- MW28-12	3510C, 8082	T	7	760 mL	5 mL	50 uL	50 uL	
460-33168-F-1	GW-17338-110211- MW28-12	3510C, 8082	T	7	990 mL	5 mL		50 uL	
460-33168-F-2	FB-17338-110211- 13	3510C, 8082	T	7	990 mL	5 mL		50 uL	
460-33168-G-3	GW-17338-110211- MW105-14	3510C, 8082	T	7	990 mL	5 mL		50 uL	

Batch Notes	
Concentration End Time	2200
Concentration Start Time	2100
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	K37E12
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	K12590
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K39E12
Prep Solvent Name	MECL2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	HCP

Basis	Basis Description
T	Total/NA

GC SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92466 Batch Start Date: 11/10/11 07:33 Batch Analyst: Wu, HuachiBatch Method: 3510C Batch End Date: 11/10/11 11:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	ReceivedpH	InitialAmount	FinalAmount	OP_PCBSP 00018	OPPSTPCBSU 00018	
MB 460-92466/1		3510C, 8082		7	1000 mL	5 mL		50 uL	
LCS 460-92466/2		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
LCSD 460-92466/3		3510C, 8082		7	1000 mL	5 mL	50 uL	50 uL	
460-33168-G-1	GW-17338-110211-MW28-12	3510C, 8082	T	7	980 mL	5 mL		50 uL	
460-33168-H-2	FB-17338-110211-13	3510C, 8082	T	7	960 mL	5 mL		50 uL	
460-33168-I-3	GW-17338-110211-MW105-14	3510C, 8082	T	7	970 mL	5 mL		50 uL	

Batch Notes	
Concentration End Time	1130
Concentration Start Time	1000
Person's name who did the concentration	Wuh
Exchange Solvent Lot #	K37E14
Exchange Solvent Name	Hexane
Final Concentrator Volume	5 mL
N-evap temperature	35 Degrees C
Na2SO4 Lot Number	K12590
Oven, Bath or Block Temperature 1	90
Prep Solvent Lot #	K39E12
Prep Solvent Name	MeCl2
Prep Solvent Volume Used	180ml mL
Person's name who did the prep	Wuh
Person's name who witnessed reagent drop	ME

Basis	Basis Description
T	Total/NA

METALS

COVER PAGE
METALS

Lab Name: TestAmerica Edison Job Number: 460-33168-1
SDG No.: _____
Project: Former GM

Client Sample ID	Lab Sample ID
<u>GW-17338-110211-MW28-12</u>	<u>460-33168-1</u>
<u>FB-17338-110211-13</u>	<u>460-33168-2</u>
<u>GW-17338-110211-MW105-14</u>	<u>460-33168-3</u>
<u>GW-17338-110211-MW32-15</u>	<u>460-33168-4</u>

Comments:

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 10:00

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	7.9	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	557	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	36100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L			1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	42000	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	60800	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	6390	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	6.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	6050	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	175000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	101	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GW-17338-110211-MW28-12

Lab Sample ID: 460-33168-1

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 10:00

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	491	200	3.2	ug/L			1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	38100	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.4	50.0	2.8	ug/L			1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	19500	150	40.2	ug/L			1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	62200	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	6510	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	7.5	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	5850	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	170000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	88.5	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 11:30

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	200	200	3.2	ug/L	U		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	5000	5000	72.2	ug/L	U		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	4.9	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	5000	5000	56.9	ug/L	U		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	5000	5000	341	ug/L	U		1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: FB-17338-110211-13

Lab Sample ID: 460-33168-2

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 11:30

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	200	200	3.2	ug/L	U		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	5000	5000	72.2	ug/L	U		1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	5000	5000	56.9	ug/L	U		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	40.0	40.0	3.5	ug/L	U		1	6010B
7440-09-7	Potassium	5000	5000	209	ug/L	U		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	5000	5000	341	ug/L	U		1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 12:15

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	584	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.8	5.0	3.8	ug/L			1	6010B
7440-39-3	Barium	123	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	104000	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	83.0	150	40.2	ug/L	J		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	102	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	19.3	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	7560	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	228000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	18.9	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GW-17338-110211-MW105-14

Lab Sample ID: 460-33168-3

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 12:15

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	130	200	87.0	ug/L	J		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	4.8	5.0	3.8	ug/L	J		1	6010B
7440-39-3	Barium	102	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	90900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	50.0	50.0	2.8	ug/L	U		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	156	5000	56.9	ug/L	J		1	6010B
7439-96-5	Manganese	15.0	15.0	2.5	ug/L	U		1	6010B
7440-02-0	Nickel	20.3	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	7950	5000	209	ug/L			1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	236000	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	13.3	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	30.0	30.0	5.8	ug/L	U		1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS

Client Sample ID: GW-17338-110211-MW32-15

Lab Sample ID: 460-33168-4

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 14:30

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	13100	200	87.0	ug/L			1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	4.0	5.0	3.8	ug/L	J		1	6010B
7440-39-3	Barium	139	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	1.9	2.0	0.94	ug/L	J		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	12900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	36.9	10.0	3.2	ug/L			1	6010B
7440-48-4	Cobalt	25.7	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	19.0	25.0	3.6	ug/L	J		1	6010B
7439-89-6	Iron	10100	150	40.2	ug/L			1	6010B
7439-92-1	Lead	8.4	5.0	2.8	ug/L			1	6010B
7439-95-4	Magnesium	8990	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	327	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	27.2	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	2260	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	23400	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	32.1	50.0	2.0	ug/L	J		1	6010B
7440-66-6	Zinc	69.2	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

1A-IN
INORGANIC ANALYSIS DATA SHEET
METALS - DISSOLVED

Client Sample ID: GW-17338-110211-MW32-15

Lab Sample ID: 460-33168-4

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG ID.:

Matrix: Water

Date Sampled: 11/02/2011 14:30

Reporting Basis: WET

Date Received: 11/02/2011 18:50

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
7429-90-5	Aluminum	200	200	87.0	ug/L	U		1	6010B
7440-36-0	Antimony	10.0	10.0	4.6	ug/L	U		1	6010B
7440-38-2	Arsenic	5.0	5.0	3.8	ug/L	U		1	6010B
7440-39-3	Barium	82.3	200	3.2	ug/L	J		1	6010B
7440-41-7	Beryllium	2.0	2.0	0.94	ug/L	U		1	6010B
7440-43-9	Cadmium	5.0	5.0	0.92	ug/L	U		1	6010B
7440-70-2	Calcium	13900	5000	72.2	ug/L			1	6010B
7440-47-3	Chromium	10.0	10.0	3.2	ug/L	U		1	6010B
7440-48-4	Cobalt	20.0	50.0	2.8	ug/L	J		1	6010B
7440-50-8	Copper	25.0	25.0	3.6	ug/L	U		1	6010B
7439-89-6	Iron	150	150	40.2	ug/L	U		1	6010B
7439-92-1	Lead	5.0	5.0	2.8	ug/L	U		1	6010B
7439-95-4	Magnesium	7760	5000	56.9	ug/L			1	6010B
7439-96-5	Manganese	236	15.0	2.5	ug/L			1	6010B
7440-02-0	Nickel	17.6	40.0	3.5	ug/L	J		1	6010B
7440-09-7	Potassium	845	5000	209	ug/L	J		1	6010B
7782-49-2	Selenium	10.0	10.0	4.8	ug/L	U		1	6010B
7440-22-4	Silver	10.0	10.0	0.97	ug/L	U		1	6010B
7440-23-5	Sodium	24900	5000	341	ug/L			1	6010B
7440-28-0	Thallium	10.0	10.0	4.6	ug/L	U		1	6010B
7440-62-2	Vanadium	50.0	50.0	2.0	ug/L	U		1	6010B
7440-66-6	Zinc	43.5	30.0	5.8	ug/L			1	6010B
7439-97-6	Mercury	0.20	0.20	0.19	ug/L	U		1	7470A

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

ICV Source: ME_CCV_T2_00038 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00038

Analyte	ICV 460-92470/5 11/09/2011 19:22				CCV 460-92470/77 11/10/2011 03:13				CCV 460-92470/89 11/10/2011 04:27			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126100		125000	101	124300		125000	99	125200		125000	100
Antimony	998.2		1000	100	1005		1000	101	1007		1000	101
Arsenic	4963		5000	99	4963		5000	99	4986		5000	100
Barium	10040		10000	100	9986		10000	100	10080		10000	101
Beryllium	982.6		1000	98	986.7		1000	99	989.1		1000	99
Cadmium	2457		2500	98	2437		2500	97	2439		2500	98
Calcium	123700		125000	99	121900		125000	98	121800		125000	97
Chromium	4949		5000	99	4902		5000	98	4905		5000	98
Cobalt	2473		2500	99	2444		2500	98	2449		2500	98
Copper	12530		12500	100	12370		12500	99	12510		12500	100
Iron	99010		100000	99	98090		100000	98	98180		100000	98
Lead	9851		10000	99	9761		10000	98	9788		10000	98
Magnesium	125500		125000	100	123900		125000	99	124800		125000	100
Manganese	4945		5000	99	4904		5000	98	4909		5000	98
Nickel	2469		2500	99	2446		2500	98	2452		2500	98
Potassium	50640		50000	101	49350		50000	99	49880		50000	100
Selenium	4967		5000	99	4953		5000	99	4999		5000	100
Silver	1246		1250	100	1238		1250	99	1241		1250	99
Sodium	126400		125000	101	124400		125000	100	125500		125000	100
Thallium	4956		5000	99	4929		5000	99	4939		5000	99
Vanadium	2484		2500	99	2432		2500	97	2438		2500	98
Zinc	2437		2500	97	2391		2500	96	2384		2500	95

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.: 460-33168-1

SDG No.: _____

ICV Source: ME_CCV_T2_00038 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00038

Analyte	ICV 460-92577/5 11/10/2011 10:40				CCV 460-92577/41 11/10/2011 14:25				CCV 460-92577/53 11/10/2011 15:39			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	128200		125000	103	125300		125000	100	123500		125000	99
Antimony	1025		1000	102	988.8		1000	99	987.5		1000	99
Arsenic	5123		5000	102	4959		5000	99	4873		5000	97
Barium	10210		10000	102	9766		10000	98	9817		10000	98
Beryllium	1025		1000	102	987.3		1000	99	975.5		1000	98
Cadmium	2556		2500	102	2549		2500	102	2459		2500	98
Calcium	128600		125000	103	124400		125000	100	121900		125000	97
Chromium	5137		5000	103	5009		5000	100	4905		5000	98
Cobalt	2556		2500	102	2486		2500	99	2441		2500	98
Copper	12720		12500	102	12590		12500	101	12410		12500	99
Iron	102400		100000	102	98560		100000	99	97020		100000	97
Lead	10220		10000	102	10170		10000	102	9859		10000	99
Magnesium	127800		125000	102	126000		125000	101	124000		125000	99
Manganese	5123		5000	102	5042		5000	101	4939		5000	99
Nickel	2564		2500	103	2537		2500	101	2463		2500	99
Potassium	49010		50000	98	47430		50000	95	47050		50000	94
Selenium	5112		5000	102	4986		5000	100	4911		5000	98
Silver	1271		1250	102	1240		1250	99	1226		1250	98
Sodium	123500		125000	99	120600		125000	96	119700		125000	96
Thallium	5112		5000	102	5054		5000	101	4922		5000	98
Vanadium	2552		2500	102	2517		2500	101	2464		2500	99
Zinc	2559		2500	102	2512		2500	100	2432		2500	97

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

ICV Source: ME_CCV_T2_00038 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00038

Analyte	CCV 460-92577/65 11/10/2011 18:21				CCV 460-92577/77 11/10/2011 19:34							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	124400		125000	100	123900		125000	99				
Antimony	991.1		1000	99	984.4		1000	98				
Arsenic	4889		5000	98	4863		5000	97				
Barium	9671		10000	97	9592		10000	96				
Beryllium	963.1		1000	96	955.0		1000	96				
Cadmium	2510		2500	100	2510		2500	100				
Calcium	121000		125000	97	119700		125000	96				
Chromium	4899		5000	98	4867		5000	97				
Cobalt	2427		2500	97	2410		2500	96				
Copper	12550		12500	100	12550		12500	100				
Iron	95530		100000	96	94690		100000	95				
Lead	10100		10000	101	10090		10000	101				
Magnesium	125400		125000	100	125200		125000	100				
Manganese	4988		5000	100	4961		5000	99				
Nickel	2502		2500	100	2494		2500	100				
Potassium	47060		50000	94	46830		50000	94				
Selenium	4981		5000	100	4963		5000	99				
Silver	1225		1250	98	1217		1250	97				
Sodium	118600		125000	95	118300		125000	95				
Thallium	4995		5000	100	4999		5000	100				
Vanadium	2456		2500	98	2445		2500	98				
Zinc	2445		2500	98	2432		2500	97				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

ICV Source: ME_CCV_T2_00038 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00038

Analyte	ICV 460-92781/6 11/11/2011 19:22				CCV 460-92781/90 11/12/2011 04:41				CCV 460-92781/102 11/12/2011 05:55			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	121500		125000	97	123800		125000	99	124500		125000	100
Antimony	972.6		1000	97	1025		1000	102	1033		1000	103
Arsenic	4869		5000	97	5107		5000	102	5141		5000	103
Barium	9686		10000	97	10030		10000	100	10090		10000	101
Beryllium	972.9		1000	97	1028		1000	103	1034		1000	103
Cadmium	2442		2500	98	2542		2500	102	2550		2500	102
Calcium	123200		125000	99	128200		125000	103	128800		125000	103
Chromium	4899		5000	98	5096		5000	102	5116		5000	102
Cobalt	2447		2500	98	2548		2500	102	2561		2500	102
Copper	12080		12500	97	12300		12500	98	12350		12500	99
Iron	97780		100000	98	101900		100000	102	102400		100000	102
Lead	9780		10000	98	10070		10000	101	10090		10000	101
Magnesium	121300		125000	97	123600		125000	99	124000		125000	99
Manganese	4883		5000	98	5060		5000	101	5073		5000	101
Nickel	2441		2500	98	2533		2500	101	2542		2500	102
Potassium	48840		50000	98	48130		50000	96	48280		50000	97
Selenium	4872		5000	97	5044		5000	101	5068		5000	101
Silver	1216		1250	97	1250		1250	100	1256		1250	100
Sodium	121800		125000	97	121700		125000	97	122300		125000	98
Thallium	4869		5000	97	5029		5000	101	5046		5000	101
Vanadium	2442		2500	98	2496		2500	100	2502		2500	100
Zinc	2447		2500	98	2529		2500	101	2535		2500	101

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.: 460-33168-1

SDG No.: _____

ICV Source: ME_CCV_T2_00038 Concentration Units: ug/L

CCV Source: ME_CCV_T2_00038

Analyte	CCV 460-92781/113 11/12/2011 07:03											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Aluminum	126300		125000	101								
Antimony	1048		1000	105								
Arsenic	5233		5000	105								
Barium	10260		10000	103								
Beryllium	1056		1000	106								
Cadmium	2596		2500	104								
Calcium	131500		125000	105								
Chromium	5219		5000	104								
Cobalt	2608		2500	104								
Copper	12530		12500	100								
Iron	104500		100000	104								
Lead	10290		10000	103								
Magnesium	125900		125000	101								
Manganese	5174		5000	103								
Nickel	2589		2500	104								
Potassium	49000		50000	98								
Selenium	5150		5000	103								
Silver	1276		1250	102								
Sodium	123500		125000	99								
Thallium	5138		5000	103								
Vanadium	2547		2500	102								
Zinc	2591		2500	104								

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.: 460-33168-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00664 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00664

Analyte	ICV 460-91875/31-A 11/04/2011 13:05				CCV 460-91875/33-A 11/04/2011 13:27				CCV 460-91875/33-A 11/04/2011 13:48			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	4.97		5.00	99	5.14		5.00	103	5.28		5.00	106

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.: 460-33168-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00664 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00664

Analyte	CCV 460-91875/33-A 11/04/2011 14:06											
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.21		5.00	104								

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.: 460-33168-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00667 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00667

Analyte	ICV 460-92342/31-A 11/09/2011 11:28				CCV 460-92342/33-A 11/09/2011 12:30				CCV 460-92342/33-A 11/09/2011 12:47			
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.09		5.00	102	5.05		5.00	101	4.94		5.00	99

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

2A-IN
CALIBRATION VERIFICATIONS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

ICV Source: ME_DCAL-IN_00667 Concentration Units: ug/L

CCV Source: ME_DCAL-IN_00667

Analyte	CCV 460-92342/33-A 11/09/2011 13:04				CCV 460-92342/33-A 11/09/2011 13:23							
	Found	C	True	%R	Found	C	True	%R	Found	C	True	%R
Mercury	5.02		5.00	100	5.01		5.00	100				

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.
Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-92470/6 11/09/2011 19:28		CCB 460-92470/78 11/10/2011 03:19		CCB 460-92470/90 11/10/2011 04:33			
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U		
Antimony	10.0	10.0	U	10.0	U	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	6.39	J	7.77	J		
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.: 460-33168-1
SDG No.: _____
Concentration Units: ug/L

Analyte	RL	ICB 460-92577/6 11/10/2011 10:46		CCB 460-92577/42 11/10/2011 14:32		CCB 460-92577/54 11/10/2011 15:45		CCB 460-92577/66 11/10/2011 18:27	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	200	U	200	U	200	U	200	U
Beryllium	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Calcium	5000	5000	U	5000	U	5000	U	5000	U
Chromium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cobalt	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Copper	25.0	25.0	U	25.0	U	25.0	U	4.45	J
Iron	150	150	U	150	U	150	U	150	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000	5000	U	5000	U	5000	U	5000	U
Manganese	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Nickel	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Potassium	5000	5000	U	5000	U	5000	U	5000	U
Selenium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Silver	10.0	1.07	J	10.0	U	10.0	U	10.0	U
Sodium	5000	5000	U	5000	U	5000	U	5000	U
Thallium	10.0	10.0	U	10.0	U	10.0	U	5.21	J
Vanadium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zinc	30.0	30.0	U	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.: 460-33168-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-92577/78 11/10/2011 19:40							
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U						
Antimony	10.0	10.0	U						
Arsenic	5.0	5.0	U						
Barium	200	200	U						
Beryllium	2.0	2.0	U						
Cadmium	5.0	5.0	U						
Calcium	5000	5000	U						
Chromium	10.0	10.0	U						
Cobalt	50.0	50.0	U						
Copper	25.0	4.76	J						
Iron	150	150	U						
Lead	5.0	5.0	U						
Magnesium	5000	5000	U						
Manganese	15.0	15.0	U						
Nickel	40.0	40.0	U						
Potassium	5000	5000	U						
Selenium	10.0	10.0	U						
Silver	10.0	10.0	U						
Sodium	5000	5000	U						
Thallium	10.0	10.0	U						
Vanadium	50.0	50.0	U						
Zinc	30.0	30.0	U						

Italicized analytes were not requested for this sequence.

3-IN
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Concentration Units: ug/L

Analyte	RL	ICB 460-92781/7 11/11/2011 19:28		CCB 460-92781/91 11/12/2011 04:47		CCB 460-92781/103 11/12/2011 06:01		CCB 460-92781/114 11/12/2011 07:09	
		Found	C	Found	C	Found	C	Found	C
Aluminum	200	200	U	200	U	200	U	200	U
Antimony	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Arsenic	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Barium	200	200	U	200	U	200	U	200	U
Beryllium	2.0	2.0	U	2.0	U	2.0	U	2.0	U
Cadmium	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Calcium	5000	5000	U	5000	U	5000	U	5000	U
Chromium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Cobalt	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Copper	25.0	25.0	U	25.0	U	25.0	U	25.0	U
Iron	150	150	U	150	U	150	U	150	U
Lead	5.0	5.0	U	5.0	U	5.0	U	5.0	U
Magnesium	5000	5000	U	5000	U	5000	U	5000	U
Manganese	15.0	15.0	U	15.0	U	15.0	U	15.0	U
Nickel	40.0	40.0	U	40.0	U	40.0	U	40.0	U
Potassium	5000	5000	U	5000	U	5000	U	5000	U
Selenium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Silver	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Sodium	5000	5000	U	5000	U	5000	U	5000	U
Thallium	10.0	10.0	U	10.0	U	10.0	U	10.0	U
Vanadium	50.0	50.0	U	50.0	U	50.0	U	50.0	U
Zinc	30.0	30.0	U	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.: 460-33168-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-91931/8 11/04/2011 13:07		CCB 460-91931/20 11/04/2011 13:29		CCB 460-91931/31 11/04/2011 13:49		CCB 460-91931/41 11/04/2011 14:09	
		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
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	ICB 460-92393/8 11/09/2011 11:30		CCB 460-92393/41 11/09/2011 12:32		CCB 460-92393/50 11/09/2011 12:49		CCB 460-92393/59 11/09/2011 13:05	
		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
INSTRUMENT BLANKS
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Concentration Units: ug/L

Analyte	RL	CCB 460-92393/69 11/09/2011 13:25							
		Found	C	Found	C	Found	C	Found	C
Mercury	0.20	0.20	U						

Italicized analytes were not requested for this sequence.

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-92202/1-A
 Instrument Code: ICP2 Batch No.: 92470

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-92469/1-A
 Instrument Code: ICP2 Batch No.: 92577

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	3.99	J		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Concentration Units: ug/L Lab Sample ID: MB 460-92389/1-A
 Instrument Code: ICP2 Batch No.: 92781

CAS No.	Analyte	Concentration	C	Q	Method
7429-90-5	Aluminum	200	U		6010B
7440-36-0	Antimony	10.0	U		6010B
7440-38-2	Arsenic	5.0	U		6010B
7440-39-3	Barium	200	U		6010B
7440-41-7	Beryllium	2.0	U		6010B
7440-43-9	Cadmium	5.0	U		6010B
7440-70-2	Calcium	5000	U		6010B
7440-47-3	Chromium	10.0	U		6010B
7440-48-4	Cobalt	50.0	U		6010B
7440-50-8	Copper	25.0	U		6010B
7439-89-6	Iron	150	U		6010B
7439-92-1	Lead	5.0	U		6010B
7439-95-4	Magnesium	5000	U		6010B
7439-96-5	Manganese	15.0	U		6010B
7440-02-0	Nickel	40.0	U		6010B
7440-09-7	Potassium	5000	U		6010B
7782-49-2	Selenium	10.0	U		6010B
7440-22-4	Silver	10.0	U		6010B
7440-23-5	Sodium	5000	U		6010B
7440-28-0	Thallium	10.0	U		6010B
7440-62-2	Vanadium	50.0	U		6010B
7440-66-6	Zinc	30.0	U		6010B

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-91875/1-A
Instrument Code: LEEMAN3 Batch No.: 91931

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

3-IN
METHOD BLANK
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-92358/1-A
Instrument Code: LEEMAN3 Batch No.: 92393

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

3-IN
METHOD BLANK
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job No.: 460-33168-1
SDG No.: _____
Concentration Units: ug/L Lab Sample ID: MB 460-92345/1-B
Instrument Code: LEEMAN3 Batch No.: 92393

CAS No.	Analyte	Concentration	C	Q	Method
7439-97-6	Mercury	0.20	U		7470A

4A-IN
INTERFERENCE CHECK STANDARD
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-92470/7 Instrument ID: ICP2
 Lab File ID: 92064V1 ICS Source: ME_T2_ICSA_00031
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	477630	96
Antimony		1.02	
Arsenic		-1.51	
Barium		2.84	
Beryllium		-0.120	
Cadmium		1.74	
Calcium	500000	445814	89
Chromium		-2.89	
Cobalt		1.36	
Copper		-0.108	
Iron	200000	193453	97
Lead		-5.48	
Magnesium	500000	520855	104
Manganese		-6.89	
Nickel		0.926	
Potassium		-6.41	
Selenium		3.31	
Silver		0.834	
Sodium		-894	
Thallium		-0.476	
Vanadium		2.48	
Zinc		9.84	
<i>Boron</i>		<i>-3.06</i>	
<i>Molybdenum</i>		<i>0.151</i>	
<i>Tin</i>		<i>-0.200</i>	
<i>Titanium</i>		<i>-1.30</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.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-92470/8 Instrument ID: ICP2
 Lab File ID: 92064V1 ICS Source: ME_T2_ICSAB_00001
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	485766	97
Antimony	100	105	105
Arsenic	100	108	108
Barium	100	108	108
Beryllium	100	100	100
Cadmium	100	102	102
Calcium	500000	459637	92
Chromium	100	97.5	98
Cobalt	100	101	101
Copper	100	108	108
Iron	200000	199035	99
Lead	100	97.9	98
Magnesium	500000	529419	106
Manganese	100	96.1	96
Nickel	100	99.8	100
Potassium	10000	10752	108
Selenium	100	106	106
Silver	100	106	106
Sodium	10000	9795	98
Thallium	100	96.6	97
Vanadium	100	103	103
Zinc	100	105	105
<i>Boron</i>	<i>100</i>	<i>99.6</i>	<i>100</i>
<i>Molybdenum</i>	<i>100</i>	<i>97.5</i>	<i>98</i>
<i>Tin</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Titanium</i>	<i>100</i>	<i>102</i>	<i>102</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.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-92577/7 Instrument ID: ICP2
 Lab File ID: 92064V1 ICS Source: ME_T2_ICSA_00031
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	482761	97
Antimony		-2.68	
Arsenic		0.867	
Barium		4.89	
Beryllium		0.109	
Cadmium		-2.01	
Calcium	500000	460053	92
Chromium		-2.20	
Cobalt		2.09	
Copper		5.12	
Iron	200000	199090	100
Lead		1.42	
Magnesium	500000	526400	105
Manganese		-5.76	
Nickel		0.578	
Potassium		-5.59	
Selenium		-2.27	
Silver		1.43	
Sodium		-863	
Thallium		-2.38	
Vanadium		-0.921	
Zinc		10.5	
Boron		-1.46	
Molybdenum		2.47	
Tin		4.82	
Titanium		0.928	

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.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-92577/8 Instrument ID: ICP2
 Lab File ID: 92064V1 ICS Source: ME_T2_ICSAB_00001
 Concentration Units: ug/L

Analyte	True	Found	Percent Recovery
	Solution AB	Solution AB	
Aluminum	500000	478893	96
Antimony	100	99.0	99
Arsenic	100	103	103
Barium	100	108	108
Beryllium	100	100	100
Cadmium	100	98.0	98
Calcium	500000	459239	92
Chromium	100	97.6	98
Cobalt	100	101	101
Copper	100	108	108
Iron	200000	198535	99
Lead	100	102	102
Magnesium	500000	521922	104
Manganese	100	96.5	97
Nickel	100	99.6	100
Potassium	10000	10229	102
Selenium	100	93.8	94
Silver	100	106	106
Sodium	10000	9397	94
Thallium	100	98.1	98
Vanadium	100	98.8	99
Zinc	100	106	106
<i>Boron</i>	<i>100</i>	<i>98.9</i>	<i>99</i>
<i>Molybdenum</i>	<i>100</i>	<i>97.4</i>	<i>97</i>
<i>Tin</i>	<i>100</i>	<i>96.5</i>	<i>96</i>
<i>Titanium</i>	<i>100</i>	<i>102</i>	<i>102</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.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: ICSA 460-92781/8 Instrument ID: ICP2
 Lab File ID: 92341V1 ICS Source: ME_T2_ICSA_00031
 Concentration Units: ug/L

Analyte	True Solution A	Found Solution A	Percent Recovery
Aluminum	500000	477271	95
Antimony		-2.83	
Arsenic		-0.913	
Barium		3.44	
Beryllium		-0.0597	
Cadmium		-1.94	
Calcium	500000	452539	91
Chromium		-2.86	
Cobalt		1.05	
Copper		2.65	
Iron	200000	195803	98
Lead		0.988	
Magnesium	500000	520324	104
Manganese		-6.77	
Nickel		1.72	
Potassium		-3.25	
Selenium		-4.99	
Silver		1.34	
Sodium		-935	
Thallium		-2.20	
Vanadium		-1.15	
Zinc		9.31	
<i>Boron</i>		<i>-3.37</i>	
<i>Molybdenum</i>		<i>-2.43</i>	
<i>Tin</i>		<i>-0.217</i>	
<i>Titanium</i>		<i>-1.13</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.: 460-33168-1
 SDG No.: _____
 Lab Sample ID: ICSAB 460-92781/9 Instrument ID: ICP2
 Lab File ID: 92341V1 ICS Source: ME_T2_ICSAB_00001
 Concentration Units: ug/L

Analyte	True	Found	
	Solution AB	Solution AB	Percent Recovery
Aluminum	500000	490235	98
Antimony	100	106	106
Arsenic	100	106	106
Barium	100	110	110
Beryllium	100	103	103
Cadmium	100	101	101
Calcium	500000	470512	94
Chromium	100	99.2	99
Cobalt	100	103	103
Copper	100	111	111
Iron	200000	203751	102
Lead	100	102	102
Magnesium	500000	535452	107
Manganese	100	98.0	98
Nickel	100	103	103
Potassium	10000	10840	108
Selenium	100	102	102
Silver	100	108	108
Sodium	10000	9769	98
Thallium	100	98.0	98
Vanadium	100	101	101
Zinc	100	110	110
<i>Boron</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Molybdenum</i>	<i>100</i>	<i>100</i>	<i>100</i>
<i>Tin</i>	<i>100</i>	<i>101</i>	<i>101</i>
<i>Titanium</i>	<i>100</i>	<i>104</i>	<i>104</i>

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-17338-110211-MW28-12 MS

Lab ID: 460-33168-1 MS

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2113	200 U	2000	106	75-125		6010B
Antimony	507.0	10.0 U	500	101	75-125		6010B
Arsenic	2032	7.9	2000	101	75-125		6010B
Barium	2642	557	2000	104	75-125		6010B
Beryllium	49.03	2.0 U	50.0	98	75-125		6010B
Cadmium	49.88	5.0 U	50.0	100	75-125		6010B
Calcium	55890	36100	20000	99	75-125		6010B
Chromium	200.8	10.0 U	200	100	75-125		6010B
Cobalt	544.1	50.0	500	99	75-125		6010B
Copper	255.0	25.0 U	250	102	75-125		6010B
Iron	42780	42000	1000	80	75-125	4	6010B
Lead	493.9	5.0 U	500	99	75-125		6010B
Magnesium	81200	60800	20000	102	75-125		6010B
Manganese	6863	6390	500	94	75-125	4	6010B
Nickel	503.0	6.5 J	500	99	75-125		6010B
Potassium	28000	6050	20000	110	75-125		6010B
Selenium	1958	10.0 U	2000	98	75-125		6010B
Silver	52.13	10.0 U	50.0	104	75-125		6010B
Sodium	195400	175000	20000	103	75-125	4	6010B
Thallium	1985	10.0 U	2000	99	75-125		6010B
Vanadium	497.1	50.0 U	500	99	75-125		6010B
Zinc	583.0	101	500	96	75-125		6010B
Mercury	1.01	0.20 U	1.00	101	75-125		7470A

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: GW-17338-110211-MW28-12 MS

Lab ID: 460-33168-1 MS

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

% Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	1923	200 U	2000	96	75-125		6010B
Antimony	534.5	10.0 U	500	107	75-125		6010B
Arsenic	2138	5.0 U	2000	107	75-125		6010B
Barium	2635	491	2000	107	75-125		6010B
Beryllium	52.58	2.0 U	50.0	105	75-125		6010B
Cadmium	52.85	5.0 U	50.0	106	75-125		6010B
Calcium	60440	38100	20000	112	75-125		6010B
Chromium	214.7	10.0 U	200	107	75-125		6010B
Cobalt	579.1	50.4	500	106	75-125		6010B
Copper	258.7	25.0 U	250	103	75-125		6010B
Iron	20930	19500	1000	142	75-125	4	6010B
Lead	527.8	5.0 U	500	106	75-125		6010B
Magnesium	84390	62200	20000	111	75-125		6010B
Manganese	7163	6510	500	130	75-125	4	6010B
Nickel	537.3	7.5 J	500	106	75-125		6010B
Potassium	27790	5850	20000	110	75-125		6010B
Selenium	2043	10.0 U	2000	102	75-125		6010B
Silver	53.89	10.0 U	50.0	108	75-125		6010B
Sodium	193900	170000	20000	118	75-125	4	6010B
Thallium	2078	10.0 U	2000	104	75-125		6010B
Vanadium	523.1	50.0 U	500	105	75-125		6010B
Zinc	617.2	88.5	500	106	75-125		6010B
Mercury	1.03	0.20 U	1.00	103	75-125		7470A

SSR = Spiked Sample Result

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

5A-IN
MATRIX SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-33202-E-3-B MS
 Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Concentration Units: ug/L
 % Solids: _____

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2111	187 J	2000	96	75-125		6010B
Antimony	482.2	10.0 U	500	96	75-125		6010B
Arsenic	1928	4.1 J	2000	96	75-125		6010B
Barium	1973	10.0 J	2000	98	75-125		6010B
Beryllium	47.54	2.0 U	50.0	95	75-125		6010B
Cadmium	49.87	5.0 U	50.0	100	75-125		6010B
Calcium	89640	68900	20000	104	75-125		6010B
Chromium	196.3	10.0 U	200	98	75-125		6010B
Cobalt	477.9	50.0 U	500	96	75-125		6010B
Copper	245.3	25.0 U	250	98	75-125		6010B
Iron	1620	632	1000	99	75-125		6010B
Lead	492.6	5.0 U	500	99	75-125		6010B
Magnesium	27870	8670	20000	96	75-125		6010B
Manganese	835.5	322	500	103	75-125		6010B
Nickel	489.5	40.0 U	500	98	75-125		6010B
Potassium	24200	4930 J	20000	96	75-125		6010B
Selenium	1882	10.0 U	2000	94	75-125		6010B
Silver	49.42	10.0 U	50.0	99	75-125		6010B
Sodium	25810	7300	20000	93	75-125		6010B
Thallium	1922	10.0 U	2000	96	75-125		6010B
Vanadium	487.2	50.0 U	500	97	75-125		6010B
Zinc	492.2	6.5 J	500	97	75-125		6010B

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: GW-17338-110211-MW28-12 PDS

Lab ID: 460-33168-1 PDS

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2072	200 U	2000	104	75-125		6010B
Antimony	498.0	10.0 U	500	100	75-125		6010B
Arsenic	1992	7.9	2000	99	75-125		6010B
Barium	2598	557	2000	102	75-125		6010B
Beryllium	47.96	2.0 U	50.0	96	75-125		6010B
Cadmium	49.16	5.0 U	50.0	98	75-125		6010B
Calcium	55090	36100	20000	95	75-125		6010B
Chromium	196.4	10.0 U	200	98	75-125		6010B
Cobalt	532.0	50.0	500	96	75-125		6010B
Copper	251.1	25.0 U	250	100	75-125		6010B
Iron	42330	42000	1000	NC	75-125		6010B
Lead	485.1	5.0 U	500	97	75-125		6010B
Magnesium	80510	60800	20000	99	75-125		6010B
Manganese	6793	6390	500	NC	75-125		6010B
Nickel	493.2	6.5 J	500	97	75-125		6010B
Potassium	27730	6050	20000	108	75-125		6010B
Selenium	1925	10.0 U	2000	96	75-125		6010B
Silver	42.05	10.0 U	50.0	84	75-125		6010B
Sodium	194200	175000	20000	97	75-125		6010B
Thallium	1944	10.0 U	2000	97	75-125		6010B
Vanadium	488.0	50.0 U	500	98	75-125		6010B
Zinc	573.0	101	500	94	75-125		6010B

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS - DISSOLVED

Client ID: GW-17338-110211-MW28-12 PDS

Lab ID: 460-33168-1 PDS

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG No.: _____

Matrix: Water

Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	1845	200 U	2000	92	75-125		6010B
Antimony	509.3	10.0 U	500	102	75-125		6010B
Arsenic	2034	5.0 U	2000	102	75-125		6010B
Barium	2527	491	2000	102	75-125		6010B
Beryllium	49.67	2.0 U	50.0	99	75-125		6010B
Cadmium	50.61	5.0 U	50.0	101	75-125		6010B
Calcium	56640	38100	20000	93	75-125		6010B
Chromium	202.0	10.0 U	200	101	75-125		6010B
Cobalt	548.9	50.4	500	100	75-125		6010B
Copper	249.8	25.0 U	250	100	75-125		6010B
Iron	19640	19500	1000	NC	75-125		6010B
Lead	500.9	5.0 U	500	100	75-125		6010B
Magnesium	80340	62200	20000	91	75-125		6010B
Manganese	6729	6510	500	NC	75-125		6010B
Nickel	508.7	7.5 J	500	100	75-125		6010B
Potassium	26810	5850	20000	105	75-125		6010B
Selenium	1960	10.0 U	2000	98	75-125		6010B
Silver	58.36	10.0 U	50.0	117	75-125		6010B
Sodium	186100	170000	20000	79	75-125		6010B
Thallium	1986	10.0 U	2000	99	75-125		6010B
Vanadium	496.5	50.0 U	500	99	75-125		6010B
Zinc	579.0	88.5	500	98	75-125		6010B

SSR = Spiked Sample Result

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

5B-IN
POST DIGESTION SPIKE SAMPLE RECOVERY
METALS

Client ID: _____ Lab ID: 460-33202-F-3-A PDS
 Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 Matrix: Water Concentration Units: ug/L

Analyte	SSR C	Sample Result (SR) C	Spike Added (SA)	%R	Control Limit %R	Q	Method
Aluminum	2187	187 J	2000	100	75-125		6010B
Antimony	480.6	10.0 U	500	96	75-125		6010B
Arsenic	1946	4.1 J	2000	97	75-125		6010B
Barium	2011	10.0 J	2000	100	75-125		6010B
Beryllium	48.39	2.0 U	50.0	97	75-125		6010B
Cadmium	50.58	5.0 U	50.0	101	75-125		6010B
Calcium	89560	68900	20000	103	75-125		6010B
Chromium	199.9	10.0 U	200	100	75-125		6010B
Cobalt	486.3	50.0 U	500	97	75-125		6010B
Copper	251.0	25.0 U	250	100	75-125		6010B
Iron	1634	632	1000	100	75-125		6010B
Lead	500.2	5.0 U	500	100	75-125		6010B
Magnesium	28170	8670	20000	97	75-125		6010B
Manganese	842.4	322	500	104	75-125		6010B
Nickel	498.6	40.0 U	500	100	75-125		6010B
Potassium	24580	4930 J	20000	98	75-125		6010B
Selenium	1917	10.0 U	2000	96	75-125		6010B
Silver	49.98	10.0 U	50.0	100	75-125		6010B
Sodium	26080	7300	20000	94	75-125		6010B
Thallium	1958	10.0 U	2000	98	75-125		6010B
Vanadium	496.2	50.0 U	500	99	75-125		6010B
Zinc	501.3	6.5 J	500	99	75-125		6010B

SSR = Spiked Sample Result

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

6-IN
DUPLICATES
METALS

Client ID: GW-17338-110211-MW28-12 DU

Lab ID: 460-33168-1 DU

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Water

Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	200	200 U	200 U	NC		6010B
Antimony	10.0	10.0 U	10.0 U	NC		6010B
Arsenic	5.0	7.9	7.82	1		6010B
Barium	200	557	570.5	2		6010B
Beryllium	2.0	2.0 U	2.0 U	NC		6010B
Cadmium	5.0	5.0 U	5.0 U	NC		6010B
Calcium	5000	36100	36940	2		6010B
Chromium	10.0	10.0 U	10.0 U	NC		6010B
Cobalt	50.0	50.0	51.28	2		6010B
Copper	25.0	25.0 U	25.0 U	NC		6010B
Iron	150	42000	42950	2		6010B
Lead	5.0	5.0 U	5.0 U	NC		6010B
Magnesium	5000	60800	62270	2		6010B
Manganese	15.0	6390	6544	2		6010B
Nickel	40.0	6.5 J	6.99 J	7		6010B
Potassium	5000	6050	6212	3		6010B
Selenium	10.0	10.0 U	10.0 U	NC		6010B
Silver	10.0	10.0 U	1.09 J	NC		6010B
Sodium	5000	175000	178300	2		6010B
Thallium	10.0	10.0 U	10.0 U	NC		6010B
Vanadium	50.0	50.0 U	50.0 U	NC		6010B
Zinc	30.0	101	102.2	1		6010B
Mercury	0.20	0.20 U	0.20 U	NC		7470A

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

6-IN
 DUPLICATES
 METALS - DISSOLVED

Client ID: GW-17338-110211-MW28-12 DU

Lab ID: 460-33168-1 DU

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

SDG No.: _____

% Solids for Sample: _____

% Solids for Duplicate: _____

Matrix: Water

Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	200	200 U	200 U	NC		6010B
Antimony	10.0	10.0 U	10.0 U	NC		6010B
Arsenic	5.0	5.0 U	5.0 U	NC		6010B
Barium	200	491	490.3	0.1		6010B
Beryllium	2.0	2.0 U	2.0 U	NC		6010B
Cadmium	5.0	5.0 U	5.0 U	NC		6010B
Calcium	5000	38100	37680	1		6010B
Chromium	10.0	10.0 U	10.0 U	NC		6010B
Cobalt	50.0	50.4	50.05	0.7		6010B
Copper	25.0	25.0 U	25.0 U	NC		6010B
Iron	150	19500	19290	1		6010B
Lead	5.0	5.0 U	5.0 U	NC		6010B
Magnesium	5000	62200	62050	0.3		6010B
Manganese	15.0	6510	6467	0.7		6010B
Nickel	40.0	7.5 J	7.15 J	5		6010B
Potassium	5000	5850	5827	0.3		6010B
Selenium	10.0	10.0 U	10.0 U	NC		6010B
Silver	10.0	10.0 U	10.0 U	NC		6010B
Sodium	5000	170000	169400	0.5		6010B
Thallium	10.0	10.0 U	10.0 U	NC		6010B
Vanadium	50.0	50.0 U	50.0 U	NC		6010B
Zinc	30.0	88.5	87.80	0.8		6010B
Mercury	0.20	0.20 U	0.20 U	NC		7470A

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

6-IN
DUPLICATES
METALS

Client ID: _____ Lab ID: 460-33202-A-3-A DU
 Lab Name: TestAmerica Edison Job No.: 460-33168-1
 SDG No.: _____
 % Solids for Sample: _____ % Solids for Duplicate: _____
 Matrix: Water Concentration Units: ug/L

Analyte	Control Limit	Sample (S) C	Duplicate (D) C	RPD	Q	Method
Aluminum	200	187 J	195.0 J	4		6010B
Antimony	10.0	10.0 U	10.0 U	NC		6010B
Arsenic	5.0	4.1 J	5.0 U	NC		6010B
Barium	200	10.0 J	10.39 J	4		6010B
Beryllium	2.0	2.0 U	2.0 U	NC		6010B
Cadmium	5.0	5.0 U	5.0 U	NC		6010B
Calcium	5000	68900	71510	4		6010B
Chromium	10.0	10.0 U	10.0 U	NC		6010B
Cobalt	50.0	50.0 U	50.0 U	NC		6010B
Copper	25.0	25.0 U	25.0 U	NC		6010B
Iron	150	632	660.6	4		6010B
Lead	5.0	5.0 U	5.0 U	NC		6010B
Magnesium	5000	8670	9011	4		6010B
Manganese	15.0	322	334.7	4		6010B
Nickel	40.0	40.0 U	40.0 U	NC		6010B
Potassium	5000	4930 J	5124	4		6010B
Selenium	10.0	10.0 U	10.0 U	NC		6010B
Silver	10.0	10.0 U	10.0 U	NC		6010B
Sodium	5000	7300	7556	3		6010B
Thallium	10.0	10.0 U	10.0 U	NC		6010B
Vanadium	50.0	50.0 U	50.0 U	NC		6010B
Zinc	30.0	6.5 J	6.59 J	2		6010B

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

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-92202/2-A

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00027

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	2024		101	80	120		6010B
Antimony	500	500.6		100	80	120		6010B
Arsenic	2000	1999		100	80	120		6010B
Barium	2000	2057		103	80	120		6010B
Beryllium	50.0	49.44		99	80	120		6010B
Cadmium	50.0	50.76		102	80	120		6010B
Calcium	20000	20310		102	80	120		6010B
Chromium	200	203.4		102	80	120		6010B
Cobalt	500	494.4		99	80	120		6010B
Copper	250	246.8		99	80	120		6010B
Iron	1000	1019		102	80	120		6010B
Lead	500	496.3		99	80	120		6010B
Magnesium	20000	19190		96	80	120		6010B
Manganese	500	515.9		103	80	120		6010B
Nickel	500	498.8		100	80	120		6010B
Potassium	20000	20080		100	80	120		6010B
Selenium	2000	1951		98	80	120		6010B
Silver	50.0	50.50		101	80	120		6010B
Sodium	20000	19370		97	80	120		6010B
Thallium	2000	1975		99	80	120		6010B
Vanadium	500	496.6		99	80	120		6010B
Zinc	500	499.4		100	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-92469/2-A

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00027

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	1993		100	80	120		6010B
Antimony	500	492.8		99	80	120		6010B
Arsenic	2000	1972		99	80	120		6010B
Barium	2000	2005		100	80	120		6010B
Beryllium	50.0	49.06		98	80	120		6010B
Cadmium	50.0	51.74		103	80	120		6010B
Calcium	20000	20240		101	80	120		6010B
Chromium	200	203.6		102	80	120		6010B
Cobalt	500	492.7		99	80	120		6010B
Copper	250	252.1		101	80	120		6010B
Iron	1000	998.7		100	80	120		6010B
Lead	500	512.5		102	80	120		6010B
Magnesium	20000	19260		96	80	120		6010B
Manganese	500	522.7		105	80	120		6010B
Nickel	500	505.2		101	80	120		6010B
Potassium	20000	19180		96	80	120		6010B
Selenium	2000	1952		98	80	120		6010B
Silver	50.0	50.25		101	80	120		6010B
Sodium	20000	18540		93	80	120		6010B
Thallium	2000	1998		100	80	120		6010B
Vanadium	500	503.2		101	80	120		6010B
Zinc	500	509.4		102	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-92389/2-A

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

Sample Matrix: Water

LCS Source: ME_LCS-int_00027

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Aluminum	2000	1735		87	80	120		6010B
Antimony	500	486.2		97	80	120		6010B
Arsenic	2000	1971		99	80	120		6010B
Barium	2000	1985		99	80	120		6010B
Beryllium	50.0	49.56		99	80	120		6010B
Cadmium	50.0	50.61		101	80	120		6010B
Calcium	20000	20410		102	80	120		6010B
Chromium	200	201.1		101	80	120		6010B
Cobalt	500	492.2		98	80	120		6010B
Copper	250	237.5		95	80	120		6010B
Iron	1000	1003		100	80	120		6010B
Lead	500	495.8		99	80	120		6010B
Magnesium	20000	18440		92	80	120		6010B
Manganese	500	509.4		102	80	120		6010B
Nickel	500	495.8		99	80	120		6010B
Potassium	20000	18950		95	80	120		6010B
Selenium	2000	1914		96	80	120		6010B
Silver	50.0	49.10		98	80	120		6010B
Sodium	20000	18360		92	80	120		6010B
Thallium	2000	1957		98	80	120		6010B
Vanadium	500	489.0		98	80	120		6010B
Zinc	500	501.2		100	80	120		6010B

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-91875/2-A

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00664

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.971		97	80	120		7470A

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

FORM VIIA - IN

7A-IN
LAB CONTROL SAMPLE
METALS

Lab ID: LCS 460-92358/2-A

Lab Name: TestAmerica Edison

Job No.: 460-33168-1

Sample Matrix: Water

LCS Source: ME_DCAL-IN_00667

Analyte	Water (ug/L)							
	True	Found	C	%R	Limits		Q	Method
Mercury	1.00	0.972		97	80	120		7470A

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: 460-33168-1

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-33168-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	200	U	1000	U	NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	7.9		25.0	U	NC		6010B
Barium	557		551.2	J	1.0		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	36100		36560		1.2		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	50.0		51.85	J	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	42000		42230		0.61		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	60800		59710		1.7		6010B
Manganese	6390		6558		2.6		6010B
Nickel	6.5	J	200	U	NC		6010B
Potassium	6050		4885	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	175000		175200		0.16		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	101		105.1	J	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 - DISSOLVED

Lab ID: 460-33168-1

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-33168-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	200	U	1000	U	NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	5.0	U	25.0	U	NC		6010B
Barium	491		482.7	J	1.6		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	38100		38050		0.07		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	50.4		47.01	J	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	19500		19460		0.26		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	62200		60370		3.0		6010B
Manganese	6510		6610		1.5		6010B
Nickel	7.5	J	200	U	NC		6010B
Potassium	5850		4799	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	170000		168000		1.4		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	88.5		86.22	J	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: 460-33202-F-3-A SD ^5

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-33168-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample Result (I) C		Serial Dilution Result (S) C		% Difference	Q	Method
Aluminum	187	J	1000	U	NC		6010B
Antimony	10.0	U	50.0	U	NC		6010B
Arsenic	4.1	J	25.0	U	NC		6010B
Barium	10.0	J	1000	U	NC		6010B
Beryllium	2.0	U	10.0	U	NC		6010B
Cadmium	5.0	U	25.0	U	NC		6010B
Calcium	68900		70080		1.7		6010B
Chromium	10.0	U	50.0	U	NC		6010B
Cobalt	50.0	U	250	U	NC		6010B
Copper	25.0	U	125	U	NC		6010B
Iron	632		635.8	J	NC		6010B
Lead	5.0	U	25.0	U	NC		6010B
Magnesium	8670		8570	J	1.2		6010B
Manganese	322		322.1		0.04		6010B
Nickel	40.0	U	200	U	NC		6010B
Potassium	4930	J	3992	J	NC		6010B
Selenium	10.0	U	50.0	U	NC		6010B
Silver	10.0	U	50.0	U	NC		6010B
Sodium	7300		7196	J	NC		6010B
Thallium	10.0	U	50.0	U	NC		6010B
Vanadium	50.0	U	250	U	NC		6010B
Zinc	6.5	J	150	U	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: 460-33168-1

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-33168-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Dilution	Result (S)			
Mercury	0.20	U	1.0	U	NC		7470A

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 - DISSOLVED

Lab ID: 460-33168-1

SDG No:

Lab Name: TestAmerica Edison

Job No: 460-33168-1

Matrix: Water

Concentration Units: ug/L

Analyte	Initial Sample		Serial		% Difference	Q	Method
	Result (I)	C	Dilution	Result (S)			
Mercury	0.20	U	1.0	U	NC		7470A

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: 460-33168-1
 SDG Number: _____
 Matrix: Water Instrument ID: ICP2
 Method: 6010B MDL Date: 12/30/2008 09:37
 Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-33168-1
SDG Number: _____
Matrix: Water Instrument ID: ICP2
Method: 6010B XMDL Date: 12/30/2008 09:40

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	56.863
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 - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-33168-1
 SDG Number: _____
 Matrix: Water Instrument ID: ICP2
 Method: 6010B MDL Date: 12/30/2008 09:37
 Prep Method: 3010A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Aluminum	308.0	200	86.956
Antimony	206.8	10	4.6
Arsenic	189.0	5	3.831
Barium	483.4	200	3.212
Beryllium	313.0	2	0.942
Cadmium	226.5	5	0.918
Calcium	317.9	5000	72.229
Chromium	267.7	10	3.201
Cobalt	228.6	50	2.767
Copper	324.7	25	3.648
Iron	271.4	150	40.158
Lead	220.6	5	2.787
Magnesium	279.0	5000	56.863
Manganese	257.0	15	2.515
Nickel	231.6	40	3.509
Potassium	766.4	5000	208.667
Selenium	196.0	10	4.752
Silver	328.0	10	0.969
Sodium	330.2	5000	341.097
Thallium	190.8	10	4.643
Vanadium	292.4	50	1.978
Zinc	206.2	30	5.798

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-33168-1
SDG Number: _____
Matrix: Water Instrument ID: ICP2
Method: 6010B XMDL Date: 12/30/2008 09:40

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	56.863
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: 460-33168-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A MDL Date: 12/30/2008 14:28
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS

Lab Name: TestAmerica Edison Job Number: 460-33168-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A XMDL Date: 12/30/2008 14:29

Analyte	Wavelength/ Mass	XRL (ug/L)	XMDL (ug/L)
Mercury		0.2	0.185

9-IN
DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-33168-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A MDL Date: 12/30/2008 14:28
Prep Method: 7470A

Analyte	Wavelength/ Mass	RL (ug/L)	MDL (ug/L)
Mercury		0.2	0.185

9-IN
CALIBRATION BLANK DETECTION LIMITS
METALS - DISSOLVED

Lab Name: TestAmerica Edison Job Number: 460-33168-1
SDG Number: _____
Matrix: Water Instrument ID: LEEMAN3
Method: 7470A XMDL Date: 12/30/2008 14:29

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: 460-33168-1

SDG No.: _____

Instrument ID: ICP2

Date: 01/06/2009 11:12

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		500000	6010B
Chromium		10000	6010B
Cobalt		5000	6010B
Copper		25000	6010B
Iron		200000	6010B
Lead		20000	6010B
Magnesium		500000	6010B
Manganese		10000	6010B
Nickel		5000	6010B
Potassium		100000	6010B
Selenium		10000	6010B
Silver		2500	6010B
Sodium		500000	6010B
Thallium		10000	6010B
Vanadium		5000	6010B
Zinc		5000	6010B

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-92202/1-A	11/08/2011 09:53	92202		100	100
LCS 460-92202/2-A	11/08/2011 09:53	92202		100	100
460-33168-1	11/08/2011 09:53	92202		100	100
460-33168-1 DU	11/08/2011 09:53	92202		100	100
460-33168-1 MS	11/08/2011 09:53	92202		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-92389/1-A	11/09/2011 12:42	92389		100	100
LCS 460-92389/2-A	11/09/2011 12:42	92389		100	100
460-33168-1	11/09/2011 12:42	92389		100	100
460-33168-1 DU	11/09/2011 12:42	92389		100	100
460-33168-1 MS	11/09/2011 12:42	92389		100	100
460-33168-2	11/09/2011 12:42	92389		100	100
460-33168-3	11/09/2011 12:42	92389		100	100
460-33168-4	11/09/2011 12:42	92389		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Prep Method: 3010A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-92469/1-A	11/10/2011 08:21	92469		100	100
LCS 460-92469/2-A	11/10/2011 08:21	92469		100	100
460-33202-A-3-A DU	11/10/2011 08:21	92469		100	100
460-33202-E-3-B MS	11/10/2011 08:21	92469		100	100
460-33168-2	11/10/2011 08:21	92469		100	100
460-33168-3	11/10/2011 08:21	92469		100	100
460-33168-4	11/10/2011 08:21	92469		100	100

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-91875/1-A	11/04/2011 11:13	91875		30	30
LCS 460-91875/2-A	11/04/2011 11:13	91875		30	30
460-33168-1	11/04/2011 11:13	91875		30	30
460-33168-1 DU	11/04/2011 11:13	91875		30	30
460-33168-1 MS	11/04/2011 11:13	91875		30	30
460-33168-2	11/04/2011 11:13	91875		30	30
460-33168-3	11/04/2011 11:13	91875		30	30
460-33168-4	11/04/2011 11:13	91875		30	30

12-IN
PREPARATION LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Prep Method: 7470A

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight	Initial Volume (mL)	Final Volume (mL)
MB 460-92358/1-A	11/09/2011 10:15	92358		30	30
LCS 460-92358/2-A	11/09/2011 10:15	92358		30	30
MB 460-92345/1-B	11/09/2011 10:15	92358		30	30
460-33168-1	11/09/2011 10:15	92358		30	30
460-33168-1 DU	11/09/2011 10:15	92358		30	30
460-33168-1 MS	11/09/2011 10:15	92358		30	30
460-33168-2	11/09/2011 10:15	92358		30	30
460-33168-3	11/09/2011 10:15	92358		30	30
460-33168-4	11/09/2011 10:15	92358		30	30

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/09/2011 18:57 End Date: 11/10/2011 06:30

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			18:57																				
ZZZZZZ			19:03																				
ZZZZZZ			19:09																				
ZZZZZZ			19:16																				
ICV 460-92470/5	1		19:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-92470/6	1		19:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-92470/7	1		19:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-92470/8	1		19:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			19:46																				
ZZZZZZ			19:52																				
ZZZZZZ			19:58																				
ZZZZZZ			20:05																				
ZZZZZZ			20:11																				
ZZZZZZ			20:17																				
ZZZZZZ			20:23																				
CCV 460-92470/16			20:29																				
CCB 460-92470/17			20:35																				
ZZZZZZ			20:41																				
ZZZZZZ			20:47																				
ZZZZZZ			20:54																				
ZZZZZZ			21:00																				
ZZZZZZ			21:06																				
ZZZZZZ			21:12																				
ZZZZZZ			21:18																				
ZZZZZZ			21:24																				
ZZZZZZ			21:30																				
ZZZZZZ			21:37																				
CCV 460-92470/28			21:43																				
CCB 460-92470/29			21:49																				
ZZZZZZ			21:55																				
ZZZZZZ			22:01																				
ZZZZZZ			22:07																				
ZZZZZZ			22:13																				
ZZZZZZ			22:19																				
CCV 460-92470/35			22:26																				
CCB 460-92470/36			22:32																				
ZZZZZZ			22:38																				
ZZZZZZ			22:44																				
ZZZZZZ			22:50																				
ZZZZZZ			22:56																				
ZZZZZZ			23:02																				
ZZZZZZ			23:08																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/09/2011 18:57 End Date: 11/10/2011 06:30

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			23:15																			
ZZZZZZ			23:21																			
ZZZZZZ			23:27																			
ZZZZZZ			23:33																			
CCV 460-92470/47			23:39																			
CCB 460-92470/48			23:45																			
ZZZZZZ			00:17																			
ZZZZZZ			00:23																			
ZZZZZZ			00:29																			
ZZZZZZ			00:35																			
ZZZZZZ			00:41																			
ZZZZZZ			00:47																			
ZZZZZZ			00:53																			
ZZZZZZ			00:59																			
ZZZZZZ			01:06																			
ZZZZZZ			01:12																			
CCV 460-92470/59			01:18																			
CCB 460-92470/60			01:24																			
ZZZZZZ			01:35																			
ZZZZZZ			01:41																			
ZZZZZZ			01:47																			
ZZZZZZ			01:53																			
ZZZZZZ			01:59																			
ZZZZZZ			02:05																			
ZZZZZZ			02:11																			
ZZZZZZ			02:18																			
ZZZZZZ			02:24																			
ZZZZZZ			02:30																			
CCV 460-92470/71			02:36																			
CCB 460-92470/72			02:42																			
ZZZZZZ			02:48																			
ZZZZZZ			02:54																			
ZZZZZZ			03:01																			
ZZZZZZ			03:07																			
CCV 460-92470/77	1		03:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-92470/78	1		03:19	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
MB 460-92202/1-A	1	T	03:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-92202/2-A	1	T	03:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33168-1 DU	1	T	03:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33168-1	1	T	03:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33168-1 SD	5	T	03:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33168-1 MS	1	T	03:56	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/09/2011 18:57 End Date: 11/10/2011 06:30

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
460-33168-1 PDS	1	T	04:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			04:08																				
ZZZZZZ			04:14																				
ZZZZZZ			04:20																				
CCV 460-92470/89	1		04:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-92470/90	1		04:33	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			04:39																				
ZZZZZZ			04:45																				
ZZZZZZ			04:51																				
ZZZZZZ			04:57																				
ZZZZZZ			05:03																				
ZZZZZZ			05:10																				
ZZZZZZ			05:16																				
ZZZZZZ			05:22																				
ZZZZZZ			05:28																				
ZZZZZZ			05:34																				
CCV 460-92470/101			05:40																				
CCB 460-92470/102			05:47																				
ZZZZZZ			05:53																				
ZZZZZZ			05:59																				
ZZZZZZ			06:05																				
ZZZZZZ			06:11																				
ZZZZZZ			06:17																				
CCV 460-92470/108			06:23																				
CCB 460-92470/109			06:30																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/09/2011 18:57 End Date: 11/10/2011 06:30

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			18:57																		
ZZZZZZ			19:03																		
ZZZZZZ			19:09																		
ZZZZZZ			19:16																		
ICV 460-92470/5	1		19:22	X	X																
ICB 460-92470/6	1		19:28	X	X																
ICSA 460-92470/7	1		19:34	X	X																
ICSAB 460-92470/8	1		19:40	X	X																
ZZZZZZ			19:46																		
ZZZZZZ			19:52																		
ZZZZZZ			19:58																		
ZZZZZZ			20:05																		
ZZZZZZ			20:11																		
ZZZZZZ			20:17																		
ZZZZZZ			20:23																		
CCV 460-92470/16			20:29																		
CCB 460-92470/17			20:35																		
ZZZZZZ			20:41																		
ZZZZZZ			20:47																		
ZZZZZZ			20:54																		
ZZZZZZ			21:00																		
ZZZZZZ			21:06																		
ZZZZZZ			21:12																		
ZZZZZZ			21:18																		
ZZZZZZ			21:24																		
ZZZZZZ			21:30																		
ZZZZZZ			21:37																		
CCV 460-92470/28			21:43																		
CCB 460-92470/29			21:49																		
ZZZZZZ			21:55																		
ZZZZZZ			22:01																		
ZZZZZZ			22:07																		
ZZZZZZ			22:13																		
ZZZZZZ			22:19																		
CCV 460-92470/35			22:26																		
CCB 460-92470/36			22:32																		
ZZZZZZ			22:38																		
ZZZZZZ			22:44																		
ZZZZZZ			22:50																		
ZZZZZZ			22:56																		
ZZZZZZ			23:02																		
ZZZZZZ			23:08																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/09/2011 18:57 End Date: 11/10/2011 06:30

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			23:15																		
ZZZZZZ			23:21																		
ZZZZZZ			23:27																		
ZZZZZZ			23:33																		
CCV 460-92470/47			23:39																		
CCB 460-92470/48			23:45																		
ZZZZZZ			00:17																		
ZZZZZZ			00:23																		
ZZZZZZ			00:29																		
ZZZZZZ			00:35																		
ZZZZZZ			00:41																		
ZZZZZZ			00:47																		
ZZZZZZ			00:53																		
ZZZZZZ			00:59																		
ZZZZZZ			01:06																		
ZZZZZZ			01:12																		
CCV 460-92470/59			01:18																		
CCB 460-92470/60			01:24																		
ZZZZZZ			01:35																		
ZZZZZZ			01:41																		
ZZZZZZ			01:47																		
ZZZZZZ			01:53																		
ZZZZZZ			01:59																		
ZZZZZZ			02:05																		
ZZZZZZ			02:11																		
ZZZZZZ			02:18																		
ZZZZZZ			02:24																		
ZZZZZZ			02:30																		
CCV 460-92470/71			02:36																		
CCB 460-92470/72			02:42																		
ZZZZZZ			02:48																		
ZZZZZZ			02:54																		
ZZZZZZ			03:01																		
ZZZZZZ			03:07																		
CCV 460-92470/77	1		03:13	X	X																
CCB 460-92470/78	1		03:19	X	X																
MB 460-92202/1-A	1	T	03:25	X	X																
LCS 460-92202/2-A	1	T	03:31	X	X																
460-33168-1 DU	1	T	03:37	X	X																
460-33168-1	1	T	03:44	X	X																
460-33168-1 SD	5	T	03:50	X	X																
460-33168-1 MS	1	T	03:56	X	X																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/09/2011 18:57 End Date: 11/10/2011 06:30

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
460-33168-1 PDS	1	T	04:02	X	X																
ZZZZZZ			04:08																		
ZZZZZZ			04:14																		
ZZZZZZ			04:20																		
CCV 460-92470/89	1		04:27	X	X																
CCB 460-92470/90	1		04:33	X	X																
ZZZZZZ			04:39																		
ZZZZZZ			04:45																		
ZZZZZZ			04:51																		
ZZZZZZ			04:57																		
ZZZZZZ			05:03																		
ZZZZZZ			05:10																		
ZZZZZZ			05:16																		
ZZZZZZ			05:22																		
ZZZZZZ			05:28																		
ZZZZZZ			05:34																		
CCV 460-92470/101			05:40																		
CCB 460-92470/102			05:47																		
ZZZZZZ			05:53																		
ZZZZZZ			05:59																		
ZZZZZZ			06:05																		
ZZZZZZ			06:11																		
ZZZZZZ			06:17																		
CCV 460-92470/108			06:23																		
CCB 460-92470/109			06:30																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/10/2011 10:15 End Date: 11/10/2011 20:36

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			10:15																				
ZZZZZZ			10:22																				
ZZZZZZ			10:28																				
ZZZZZZ			10:34																				
ICV 460-92577/5	1		10:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICB 460-92577/6	1		10:46	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSA 460-92577/7	1		10:52	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICSAB 460-92577/8	1		10:58	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			11:06																				
ZZZZZZ			11:12																				
ZZZZZZ			11:18																				
ZZZZZZ			11:24																				
ZZZZZZ			11:30																				
ZZZZZZ			11:36																				
ZZZZZZ			11:42																				
ZZZZZZ			11:49																				
CCV 460-92577/17			11:55																				
CCB 460-92577/18			12:01																				
ZZZZZZ			12:07																				
ZZZZZZ			12:13																				
ZZZZZZ			12:19																				
ZZZZZZ			12:25																				
ZZZZZZ			12:31																				
ZZZZZZ			12:38																				
ZZZZZZ			12:44																				
ZZZZZZ			12:50																				
ZZZZZZ			12:56																				
ZZZZZZ			13:02																				
CCV 460-92577/29			13:08																				
CCB 460-92577/30			13:14																				
ZZZZZZ			13:24																				
ZZZZZZ			13:30																				
ZZZZZZ			13:36																				
ZZZZZZ			13:43																				
ZZZZZZ			13:49																				
ZZZZZZ			13:55																				
ZZZZZZ			14:01																				
ZZZZZZ			14:07																				
ZZZZZZ			14:13																				
ZZZZZZ			14:19																				
CCV 460-92577/41	1		14:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-92577/42	1		14:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/10/2011 10:15 End Date: 11/10/2011 20:36

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
MB 460-92469/1-A	1	T	14:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
LCS 460-92469/2-A	1	T	14:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33202-A-3-A DU	1	T	14:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			14:56																			
460-33202-F-3-A SD ^5	5	T	15:02	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33202-E-3-B MS	1	T	15:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33202-F-3-A PDS	1	T	15:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			15:21																			
ZZZZZZ			15:27																			
ZZZZZZ			15:33																			
CCV 460-92577/53	1		15:39	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-92577/54	1		15:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			17:10																			
ZZZZZZ			17:16																			
ZZZZZZ			17:31																			
ZZZZZZ			17:37																			
ZZZZZZ			17:43																			
ZZZZZZ			17:50																			
ZZZZZZ			17:56																			
ZZZZZZ			18:02																			
ZZZZZZ			18:08																			
ZZZZZZ			18:14																			
CCV 460-92577/65	1		18:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-92577/66	1		18:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			18:33																			
ZZZZZZ			18:39																			
460-33168-2	1	T	18:45	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33168-3	1	T	18:51	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
460-33168-4	1	T	18:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:04																			
ZZZZZZ			19:10																			
ZZZZZZ			19:16																			
ZZZZZZ			19:22																			
ZZZZZZ			19:28																			
CCV 460-92577/77	1		19:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
CCB 460-92577/78	1		19:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ZZZZZZ			19:47																			
ZZZZZZ			19:53																			
ZZZZZZ			19:59																			
ZZZZZZ			20:05																			
ZZZZZZ			20:11																			
ZZZZZZ			20:17																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/10/2011 10:15 End Date: 11/10/2011 20:36

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			20:24																			
CCV 460-92577/86			20:30																			
CCB 460-92577/87			20:36																			

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/10/2011 10:15 End Date: 11/10/2011 20:36

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			10:15																		
ZZZZZZ			10:22																		
ZZZZZZ			10:28																		
ZZZZZZ			10:34																		
ICV 460-92577/5	1		10:40	X	X																
ICB 460-92577/6	1		10:46	X	X																
ICSA 460-92577/7	1		10:52	X	X																
ICSAB 460-92577/8	1		10:58	X	X																
ZZZZZZ			11:06																		
ZZZZZZ			11:12																		
ZZZZZZ			11:18																		
ZZZZZZ			11:24																		
ZZZZZZ			11:30																		
ZZZZZZ			11:36																		
ZZZZZZ			11:42																		
ZZZZZZ			11:49																		
CCV 460-92577/17			11:55																		
CCB 460-92577/18			12:01																		
ZZZZZZ			12:07																		
ZZZZZZ			12:13																		
ZZZZZZ			12:19																		
ZZZZZZ			12:25																		
ZZZZZZ			12:31																		
ZZZZZZ			12:38																		
ZZZZZZ			12:44																		
ZZZZZZ			12:50																		
ZZZZZZ			12:56																		
ZZZZZZ			13:02																		
CCV 460-92577/29			13:08																		
CCB 460-92577/30			13:14																		
ZZZZZZ			13:24																		
ZZZZZZ			13:30																		
ZZZZZZ			13:36																		
ZZZZZZ			13:43																		
ZZZZZZ			13:49																		
ZZZZZZ			13:55																		
ZZZZZZ			14:01																		
ZZZZZZ			14:07																		
ZZZZZZ			14:13																		
ZZZZZZ			14:19																		
CCV 460-92577/41	1		14:25	X	X																
CCB 460-92577/42	1		14:32	X	X																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/10/2011 10:15 End Date: 11/10/2011 20:36

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
MB 460-92469/1-A	1	T	14:38	X	X																
LCS 460-92469/2-A	1	T	14:44	X	X																
460-33202-A-3-A DU	1	T	14:50	X	X																
ZZZZZZ			14:56																		
460-33202-F-3-A SD ^5	5	T	15:02	X	X																
460-33202-E-3-B MS	1	T	15:08	X	X																
460-33202-F-3-A PDS	1	T	15:14	X	X																
ZZZZZZ			15:21																		
ZZZZZZ			15:27																		
ZZZZZZ			15:33																		
CCV 460-92577/53	1		15:39	X	X																
CCB 460-92577/54	1		15:45	X	X																
ZZZZZZ			17:10																		
ZZZZZZ			17:16																		
ZZZZZZ			17:31																		
ZZZZZZ			17:37																		
ZZZZZZ			17:43																		
ZZZZZZ			17:50																		
ZZZZZZ			17:56																		
ZZZZZZ			18:02																		
ZZZZZZ			18:08																		
ZZZZZZ			18:14																		
CCV 460-92577/65	1		18:21	X	X																
CCB 460-92577/66	1		18:27	X	X																
ZZZZZZ			18:33																		
ZZZZZZ			18:39																		
460-33168-2	1	T	18:45	X	X																
460-33168-3	1	T	18:51	X	X																
460-33168-4	1	T	18:57	X	X																
ZZZZZZ			19:04																		
ZZZZZZ			19:10																		
ZZZZZZ			19:16																		
ZZZZZZ			19:22																		
ZZZZZZ			19:28																		
CCV 460-92577/77	1		19:34	X	X																
CCB 460-92577/78	1		19:40	X	X																
ZZZZZZ			19:47																		
ZZZZZZ			19:53																		
ZZZZZZ			19:59																		
ZZZZZZ			20:05																		
ZZZZZZ			20:11																		
ZZZZZZ			20:17																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/10/2011 10:15 End Date: 11/10/2011 20:36

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			20:24																		
CCV 460-92577/86			20:30																		
CCB 460-92577/87			20:36																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/11/2011 18:37 End Date: 11/12/2011 07:09

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			18:37																				
ZZZZZZ			18:57																				
ZZZZZZ			19:03																				
ZZZZZZ			19:10																				
ZZZZZZ			19:16																				
ICV 460-92781/6	1		19:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICB 460-92781/7	1		19:28	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSA 460-92781/8	1		19:34	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ICSAB 460-92781/9	1		19:40	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			19:46																				
ZZZZZZ			19:53																				
ZZZZZZ			19:59																				
ZZZZZZ			20:05																				
ZZZZZZ			20:11																				
ZZZZZZ			20:17																				
ZZZZZZ			20:23																				
ZZZZZZ			20:29																				
CCV 460-92781/18			20:36																				
CCB 460-92781/19			20:42																				
ZZZZZZ			20:48																				
ZZZZZZ			20:54																				
ZZZZZZ			21:00																				
ZZZZZZ			21:06																				
ZZZZZZ			21:12																				
ZZZZZZ			21:18																				
ZZZZZZ			21:25																				
ZZZZZZ			21:31																				
ZZZZZZ			21:37																				
ZZZZZZ			21:43																				
CCV 460-92781/30			21:49																				
CCB 460-92781/31			21:55																				
ZZZZZZ			22:01																				
ZZZZZZ			22:07																				
ZZZZZZ			22:14																				
ZZZZZZ			22:20																				
ZZZZZZ			22:26																				
ZZZZZZ			22:32																				
ZZZZZZ			22:39																				
ZZZZZZ			22:45																				
ZZZZZZ			22:51																				
ZZZZZZ			22:58																				
CCV 460-92781/42			23:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/11/2011 18:37 End Date: 11/12/2011 07:09

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
CCB 460-92781/43			23:10																				
ZZZZZZ			23:51																				
ZZZZZZ			23:57																				
ZZZZZZ			00:03																				
ZZZZZZ			00:09																				
ZZZZZZ			00:15																				
ZZZZZZ			00:21																				
ZZZZZZ			00:27																				
ZZZZZZ			00:34																				
ZZZZZZ			00:40																				
ZZZZZZ			00:46																				
CCV 460-92781/54			00:52																				
CCB 460-92781/55			00:58																				
ZZZZZZ			01:04																				
ZZZZZZ			01:10																				
CCV 460-92781/58			01:16																				
CCB 460-92781/59			01:23																				
ZZZZZZ			01:34																				
ZZZZZZ			01:40																				
ZZZZZZ			01:46																				
ZZZZZZ			01:55																				
ZZZZZZ			02:01																				
ZZZZZZ			02:08																				
ZZZZZZ			02:14																				
ZZZZZZ			02:20																				
ZZZZZZ			02:26																				
ZZZZZZ			02:32																				
CCV 460-92781/70			02:38																				
CCB 460-92781/71			02:44																				
ZZZZZZ			02:50																				
ZZZZZZ			02:57																				
ZZZZZZ			03:03																				
ZZZZZZ			03:09																				
ZZZZZZ			03:15																				
ZZZZZZ			03:21																				
ZZZZZZ			03:27																				
ZZZZZZ			03:33																				
ZZZZZZ			03:40																				
ZZZZZZ			03:46																				
CCV 460-92781/82			03:52																				
CCB 460-92781/83			03:58																				
ZZZZZZ			04:04																				

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/11/2011 18:37 End Date: 11/12/2011 07:09

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			04:10																				
ZZZZZZ			04:17																				
ZZZZZZ			04:23																				
ZZZZZZ			04:29																				
ZZZZZZ			04:35																				
CCV 460-92781/90	1		04:41	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-92781/91	1		04:47	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
MB 460-92389/1-A	1	T	04:53	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
LCS 460-92389/2-A	1	T	05:00	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-33168-1 DU	1	D	05:06	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-33168-1	1	D	05:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-33168-1 SD	5	D	05:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-33168-1 MS	1	D	05:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-33168-1 PDS	1	D	05:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			05:36																				
ZZZZZZ			05:43																				
ZZZZZZ			05:49																				
CCV 460-92781/102	1		05:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-92781/103	1		06:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
ZZZZZZ			06:07																				
ZZZZZZ			06:13																				
ZZZZZZ			06:20																				
ZZZZZZ			06:26																				
ZZZZZZ			06:32																				
ZZZZZZ			06:38																				
460-33168-2	1	D	06:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-33168-3	1	D	06:50	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
460-33168-4	1	D	06:57	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCV 460-92781/113	1		07:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
CCB 460-92781/114	1		07:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/11/2011 18:37 End Date: 11/12/2011 07:09

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			18:37																		
ZZZZZZ			18:57																		
ZZZZZZ			19:03																		
ZZZZZZ			19:10																		
ZZZZZZ			19:16																		
ICV 460-92781/6	1		19:22	X	X																
ICB 460-92781/7	1		19:28	X	X																
ICSA 460-92781/8	1		19:34	X	X																
ICSAB 460-92781/9	1		19:40	X	X																
ZZZZZZ			19:46																		
ZZZZZZ			19:53																		
ZZZZZZ			19:59																		
ZZZZZZ			20:05																		
ZZZZZZ			20:11																		
ZZZZZZ			20:17																		
ZZZZZZ			20:23																		
ZZZZZZ			20:29																		
CCV 460-92781/18			20:36																		
CCB 460-92781/19			20:42																		
ZZZZZZ			20:48																		
ZZZZZZ			20:54																		
ZZZZZZ			21:00																		
ZZZZZZ			21:06																		
ZZZZZZ			21:12																		
ZZZZZZ			21:18																		
ZZZZZZ			21:25																		
ZZZZZZ			21:31																		
ZZZZZZ			21:37																		
ZZZZZZ			21:43																		
CCV 460-92781/30			21:49																		
CCB 460-92781/31			21:55																		
ZZZZZZ			22:01																		
ZZZZZZ			22:07																		
ZZZZZZ			22:14																		
ZZZZZZ			22:20																		
ZZZZZZ			22:26																		
ZZZZZZ			22:32																		
ZZZZZZ			22:39																		
ZZZZZZ			22:45																		
ZZZZZZ			22:51																		
ZZZZZZ			22:58																		
CCV 460-92781/42			23:04																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/11/2011 18:37 End Date: 11/12/2011 07:09

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z																
CCB 460-92781/43			23:10																		
ZZZZZZ			23:51																		
ZZZZZZ			23:57																		
ZZZZZZ			00:03																		
ZZZZZZ			00:09																		
ZZZZZZ			00:15																		
ZZZZZZ			00:21																		
ZZZZZZ			00:27																		
ZZZZZZ			00:34																		
ZZZZZZ			00:40																		
ZZZZZZ			00:46																		
CCV 460-92781/54			00:52																		
CCB 460-92781/55			00:58																		
ZZZZZZ			01:04																		
ZZZZZZ			01:10																		
CCV 460-92781/58			01:16																		
CCB 460-92781/59			01:23																		
ZZZZZZ			01:34																		
ZZZZZZ			01:40																		
ZZZZZZ			01:46																		
ZZZZZZ			01:55																		
ZZZZZZ			02:01																		
ZZZZZZ			02:08																		
ZZZZZZ			02:14																		
ZZZZZZ			02:20																		
ZZZZZZ			02:26																		
ZZZZZZ			02:32																		
CCV 460-92781/70			02:38																		
CCB 460-92781/71			02:44																		
ZZZZZZ			02:50																		
ZZZZZZ			02:57																		
ZZZZZZ			03:03																		
ZZZZZZ			03:09																		
ZZZZZZ			03:15																		
ZZZZZZ			03:21																		
ZZZZZZ			03:27																		
ZZZZZZ			03:33																		
ZZZZZZ			03:40																		
ZZZZZZ			03:46																		
CCV 460-92781/82			03:52																		
CCB 460-92781/83			03:58																		
ZZZZZZ			04:04																		

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: ICP2 Method: 6010B

Start Date: 11/11/2011 18:37 End Date: 11/12/2011 07:09

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				V	Z n																
ZZZZZZ			04:10																		
ZZZZZZ			04:17																		
ZZZZZZ			04:23																		
ZZZZZZ			04:29																		
ZZZZZZ			04:35																		
CCV 460-92781/90	1		04:41	X	X																
CCB 460-92781/91	1		04:47	X	X																
MB 460-92389/1-A	1	T	04:53	X	X																
LCS 460-92389/2-A	1	T	05:00	X	X																
460-33168-1 DU	1	D	05:06	X	X																
460-33168-1	1	D	05:12	X	X																
460-33168-1 SD	5	D	05:18	X	X																
460-33168-1 MS	1	D	05:24	X	X																
460-33168-1 PDS	1	D	05:30	X	X																
ZZZZZZ			05:36																		
ZZZZZZ			05:43																		
ZZZZZZ			05:49																		
CCV 460-92781/102	1		05:55	X	X																
CCB 460-92781/103	1		06:01	X	X																
ZZZZZZ			06:07																		
ZZZZZZ			06:13																		
ZZZZZZ			06:20																		
ZZZZZZ			06:26																		
ZZZZZZ			06:32																		
ZZZZZZ			06:38																		
460-33168-2	1	D	06:44	X	X																
460-33168-3	1	D	06:50	X	X																
460-33168-4	1	D	06:57	X	X																
CCV 460-92781/113	1		07:03	X	X																
CCB 460-92781/114	1		07:09	X	X																

Prep Types

D = Dissolved

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 11/04/2011 12:53 End Date: 11/04/2011 15:20

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-91875/25-A			12:53	X															
IC 460-91875/26-A			12:55	X															
IC 460-91875/27-A			12:57	X															
IC 460-91875/28-A			12:59	X															
IC 460-91875/29-A			13:01	X															
IC 460-91875/30-A			13:03	X															
ICV 460-91875/31-A	1		13:05	X															
ICB 460-91931/8	1		13:07	X															
ZZZZZZ			13:09																
ZZZZZZ			13:10																
MB 460-91875/1-A	1	T	13:12	X															
LCS 460-91875/2-A	1	T	13:15	X															
460-33168-1	1	T	13:17	X															
460-33168-1 DU	1	T	13:18	X															
460-33168-1 MS	1	T	13:20	X															
ZZZZZZ			13:22																
ZZZZZZ			13:24																
ZZZZZZ			13:25																
CCV 460-91875/33-A	1		13:27	X															
CCB 460-91931/20	1		13:29	X															
ZZZZZZ			13:31																
ZZZZZZ			13:33																
ZZZZZZ			13:34																
ZZZZZZ			13:36																
ZZZZZZ			13:38																
ZZZZZZ			13:40																
ZZZZZZ			13:42																
ZZZZZZ			13:44																
ZZZZZZ			13:46																
CCV 460-91875/33-A	1		13:48	X															
CCB 460-91931/31	1		13:49	X															
460-33168-2	1	T	13:51	X															
460-33168-3	1	T	13:53	X															
460-33168-4	1	T	13:55	X															
ZZZZZZ			13:57																
ZZZZZZ			13:59																
ZZZZZZ			14:01																
ZZZZZZ			14:02																
460-33168-1 SD	5	T	14:05	X															
CCV 460-91875/33-A	1		14:06	X															
CCB 460-91931/41	1		14:09	X															
ZZZZZZ			14:11																

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 11/04/2011 12:53 End Date: 11/04/2011 15:20

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
ZZZZZZ			14:13																		
ZZZZZZ			14:14																		
ZZZZZZ			14:16																		
ZZZZZZ			14:18																		
ZZZZZZ			14:20																		
ZZZZZZ			14:22																		
CCV 460-91875/33-A			14:24																		
CCB 460-91931/50			14:26																		
ZZZZZZ			14:28																		
ZZZZZZ			14:30																		
ZZZZZZ			14:32																		
ZZZZZZ			14:34																		
ZZZZZZ			14:36																		
ZZZZZZ			14:38																		
ZZZZZZ			14:39																		
CCV 460-91875/33-A			14:41																		
CCB 460-91931/59			14:43																		
ZZZZZZ			14:45																		
ZZZZZZ			14:47																		
ZZZZZZ			14:49																		
ZZZZZZ			14:51																		
ZZZZZZ			14:52																		
ZZZZZZ			14:54																		
ZZZZZZ			14:56																		
ZZZZZZ			14:58																		
ZZZZZZ			15:00																		
CCV 460-91875/33-A			15:02																		
CCB 460-91931/70			15:03																		
ZZZZZZ			15:05																		
ZZZZZZ			15:07																		
ZZZZZZ			15:09																		
ZZZZZZ			15:11																		
ZZZZZZ			15:13																		
ZZZZZZ			15:14																		
ZZZZZZ			15:16																		
CCV 460-91875/33-A			15:18																		
CCB 460-91931/79			15:20																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 11/09/2011 11:16 End Date: 11/09/2011 13:25

Lab Sample ID	D / F	T y p e	Time	Analytes															
				H g															
IC 460-92342/25-A			11:16	X															
IC 460-92342/26-A			11:18	X															
IC 460-92342/27-A			11:20	X															
IC 460-92342/28-A			11:22	X															
IC 460-92342/29-A			11:24	X															
IC 460-92342/30-A			11:26	X															
ICV 460-92342/31-A	1		11:28	X															
ICB 460-92393/8	1		11:30	X															
ZZZZZZ			11:32																
ZZZZZZ			11:34																
ZZZZZZ			11:36																
ZZZZZZ			11:38																
ZZZZZZ			11:40																
ZZZZZZ			11:41																
ZZZZZZ			11:43																
ZZZZZZ			11:45																
ZZZZZZ			11:47																
ZZZZZZ			11:49																
CCV 460-92342/33-A			11:51																
CCB 460-92393/20			11:52																
ZZZZZZ			11:54																
ZZZZZZ			11:56																
ZZZZZZ			11:58																
ZZZZZZ			12:00																
ZZZZZZ			12:02																
ZZZZZZ			12:04																
ZZZZZZ			12:05																
ZZZZZZ			12:07																
ZZZZZZ			12:09																
CCV 460-92342/33-A			12:11																
CCB 460-92393/31			12:13																
ZZZZZZ			12:15																
ZZZZZZ			12:17																
ZZZZZZ			12:18																
ZZZZZZ			12:20																
ZZZZZZ			12:23																
ZZZZZZ			12:24																
ZZZZZZ			12:26																
ZZZZZZ			12:28																
CCV 460-92342/33-A	1		12:30	X															
CCB 460-92393/41	1		12:32	X															
MB 460-92358/1-A	1	T	12:34	X															

13-IN
ANALYSIS RUN LOG
METALS

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Instrument ID: LEEMAN3 Method: 7470A

Start Date: 11/09/2011 11:16 End Date: 11/09/2011 13:25

Lab Sample ID	D / F	T y p e	Time	Analytes																	
				H g																	
LCS 460-92358/2-A	1	T	12:36	X																	
MB 460-92345/1-B	1	D	12:38	X																	
460-33168-1	1	D	12:39	X																	
460-33168-1 DU	1	D	12:41	X																	
460-33168-1 MS	1	D	12:43	X																	
ZZZZZZ			12:45																		
CCV 460-92342/33-A	1		12:47	X																	
CCB 460-92393/50	1		12:49	X																	
ZZZZZZ			12:51																		
ZZZZZZ			12:53																		
ZZZZZZ			12:54																		
ZZZZZZ			12:56																		
ZZZZZZ			12:58																		
ZZZZZZ			13:00																		
ZZZZZZ			13:02																		
CCV 460-92342/33-A	1		13:04	X																	
CCB 460-92393/59	1		13:05	X																	
460-33168-2	1	D	13:07	X																	
460-33168-3	1	D	13:09	X																	
460-33168-4	1	D	13:11	X																	
ZZZZZZ			13:13																		
ZZZZZZ			13:15																		
ZZZZZZ			13:17																		
ZZZZZZ			13:19																		
460-33168-1 SD	5	D	13:21	X																	
CCV 460-92342/33-A	1		13:23	X																	
CCB 460-92393/69	1		13:25	X																	

Prep Types

D = Dissolved

T = Total/NA

1	ICV 1200071	92064V1	SW846	11/09/11	19:22	S	CONC
2	ICB	92064V1	SW846	11/09/11	19:28	S	CONC
3	ICSA 1200073	92064V1	SW846	11/09/11	19:34	S	CONC
4	ICSAB 1200106	92064V1	SW846	11/09/11	19:40	S	CONC
5	INT-20	92064V1	SW846	11/09/11	19:46	S	CONC
6	REPLIM	92064V1	SW846	11/09/11	19:52	S	CONC
7	480-12011-A-1-K@5	92064V1	SW846	11/09/11	19:58	S	CONC
8	480-12011-A-2-I@5	92064V1	SW846	11/09/11	20:05	S	CONC
9	460-32948-A-1-H@5	92064V1	SW846	11/09/11	20:11	S	CONC
10	460-32838-A-1-F@5	92064V1	SW846	11/09/11	20:17	S	CONC
11	460-32838-A-3-F@5	92064V1	SW846	11/09/11	20:23	S	CONC
12	CCV 1200071	92064V1	SW846	11/09/11	20:29	S	CONC
13	CCB	92064V1	SW846	11/09/11	20:35	S	CONC
14	460-32839-A-8-B DU@1	92064V1	SW846	11/09/11	20:41	S	CONC
15	460-32839-A-8-A@10	92064V1	SW846	11/09/11	20:47	S	CONC
16	SD 460-32839-A-8-A@5	92064V1	SW846	11/09/11	20:54	S	CONC
17	460-32839-A-8-C MS@1	92064V1	SW846	11/09/11	21:00	S	CONC
18	PDS 460-32839-A-8-A	92064V1	SW846	11/09/11	21:06	S	CONC
19	460-33291-A-1-F@4	92064V1	SW846	11/09/11	21:12	S	CONC
20	460-33293-A-1-F@4	92064V1	SW846	11/09/11	21:18	S	CONC
21	460-33292-A-1-F@4	92064V1	SW846	11/09/11	21:24	S	CONC
22	460-33304-E-1-A@4	92064V1	SW846	11/09/11	21:30	S	CONC
23	460-33305-E-1-B@4	92064V1	SW846	11/09/11	21:37	S	CONC
24	CCV 1200071	92064V1	SW846	11/09/11	21:43	S	CONC
25	CCB	92064V1	SW846	11/09/11	21:49	S	CONC
26	460-33158-A-10-E@4	92064V1	SW846	11/09/11	21:55	S	CONC
27	460-33158-A-11-E@4	92064V1	SW846	11/09/11	22:01	S	CONC
28	460-33295-A-1-E@4	92064V1	SW846	11/09/11	22:07	S	CONC
29	460-33296-A-1-G@4	92064V1	SW846	11/09/11	22:13	S	CONC
30	460-33294-A-1-I@4	92064V1	SW846	11/09/11	22:19	S	CONC
31	CCV 1200071	92064V1	SW846	11/09/11	22:26	S	CONC
32	CCB	92064V1	SW846	11/09/11	22:32	S	CONC
33	MB 460-92064/1-A	92064V1	SW846	11/09/11	22:38	S	CONC
34	LCS 460-92064/2-A	92064V1	SW846	11/09/11	22:44	S	CONC
35	460-32800-A-1-G DU	92064V1	SW846	11/09/11	22:50	S	CONC
36	460-32800-A-1-I	92064V1	SW846	11/09/11	22:56	S	CONC
37	SD 460-32800-A-1-I@5	92064V1	SW846	11/09/11	23:02	S	CONC
38	460-32800-A-1-H MS	92064V1	SW846	11/09/11	23:08	S	CONC
39	PDS 460-32800-A-1-I	92064V1	SW846	11/09/11	23:15	S	CONC
40	460-32800-A-4-B	92064V1	SW846	11/09/11	23:21	S	CONC
41	460-32800-A-5-C	92064V1	SW846	11/09/11	23:27	S	CONC
42	460-32916-D-1-C	92064V1	SW846	11/09/11	23:33	S	CONC
43	CCV 1200071	92064V1	SW846	11/09/11	23:39	S	CONC
44	CCB	92064V1	SW846	11/09/11	23:45	S	CONC
45	MB 460-92161/1-A@2	92064V1	SW846	11/10/11	00:17	S	CONC
46	LCSSRM 460-92161/2-A	92064V1	SW846	11/10/11	00:23	S	CONC
47	460-33268-E-1-E DU@4	92064V1	SW846	11/10/11	00:29	S	CONC
48	460-33268-E-1-D@4	92064V1	SW846	11/10/11	00:35	S	CONC
49	Sd 460-33268-E-1-D@2	92064V1	SW846	11/10/11	00:41	S	CONC
50	460-33268-E-1-F MS@4	92064V1	SW846	11/10/11	00:47	S	CONC
51	PDS 460-33268-E-1-D	92064V1	SW846	11/10/11	00:53	S	CONC
52	460-33273-A-11-B@4	92064V1	SW846	11/10/11	00:59	S	CONC
53	460-33273-A-12-B@4	92064V1	SW846	11/10/11	01:06	S	CONC

Analysis Report Summary 11/10/11 07:45:17 AM page 2

#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	460-33273-A-13-B@4	92064V1	SW846	11/10/11	01:12	S	CONC	
55	CCV 1200071	92064V1	SW846	11/10/11	01:18	S	CONC	
56	CCB	92064V1	SW846	11/10/11	01:24	S	CONC	
57	460-33273-A-14-B@4	92064V1	SW846	11/10/11	01:35	S	CONC	
58	460-33273-A-15-B@4	92064V1	SW846	11/10/11	01:41	S	CONC	
59	460-33318-A-3-B@4	92064V1	SW846	11/10/11	01:47	S	CONC	
60	460-33318-A-5-B@4	92064V1	SW846	11/10/11	01:53	S	CONC	
61	460-33318-A-17-B@4	92064V1	SW846	11/10/11	01:59	S	CONC	
62	460-33318-A-19-B@4	92064V1	SW846	11/10/11	02:05	S	CONC	
63	460-33318-A-19-B@10	92064V1	SW846	11/10/11	02:11	S	CONC	
64	460-33318-A-21-B@4	92064V1	SW846	11/10/11	02:18	S	CONC	

65	460-33318-A-23-B@4	92064V1	SW846	11/10/11	02:24	S	CONC
66	460-33318-A-26-B@4	92064V1	SW846	11/10/11	02:30	S	CONC
67	CCV 1200071	92064V1	SW846	11/10/11	02:36	S	CONC
68	CCB	92064V1	SW846	11/10/11	02:42	S	CONC
69	460-33318-A-28-B@4	92064V1	SW846	11/10/11	02:48	S	CONC
70	460-33318-A-32-B@4	92064V1	SW846	11/10/11	02:54	S	CONC
71	460-33318-A-32-B@10	92064V1	SW846	11/10/11	03:01	S	CONC
72	460-33318-A-32-B@20	92064V1	SW846	11/10/11	03:07	S	CONC
73	CCV 1200071	92064V1	SW846	11/10/11	03:13	S	CONC
74	CCB	92064V1	SW846	11/10/11	03:19	S	CONC
75	MB 460-92202/1-A	92064V1	SW846	11/10/11	03:25	S	CONC
76	LCS 460-92202/2-A	92064V1	SW846	11/10/11	03:31	S	CONC
77	460-33168-B-1-B DU	92064V1	SW846	11/10/11	03:37	S	CONC
78	460-33168-E-1-C	92064V1	SW846	11/10/11	03:44	S	CONC
79	SD 460-33168-E-1-C@5	92064V1	SW846	11/10/11	03:50	S	CONC
80	460-33168-E-1-D MS	92064V1	SW846	11/10/11	03:56	S	CONC
81	PDS 460-33168-E-1-C	92064V1	SW846	11/10/11	04:02	S	CONC
82	460-33311-D-1-A	92064V1	SW846	11/10/11	04:08	S	CONC
83	460-33311-D-2-A	92064V1	SW846	11/10/11	04:14	S	CONC
84	460-33311-D-3-A	92064V1	SW846	11/10/11	04:20	S	CONC
85	CCV 1200071	92064V1	SW846	11/10/11	04:27	S	CONC
86	CCB	92064V1	SW846	11/10/11	04:33	S	CONC
87	460-33311-D-4-A	92064V1	SW846	11/10/11	04:39	S	CONC
88	460-33104-E-1-B	92064V1	SW846	11/10/11	04:45	S	CONC
89	460-33104-E-2-B	92064V1	SW846	11/10/11	04:51	S	CONC
90	460-33104-E-3-B	92064V1	SW846	11/10/11	04:57	S	CONC
91	460-33104-E-4-B	92064V1	SW846	11/10/11	05:03	S	CONC
92	460-33104-E-5-B	92064V1	SW846	11/10/11	05:10	S	CONC
93	460-33104-E-6-B	92064V1	SW846	11/10/11	05:16	S	CONC
94	460-33104-E-7-B	92064V1	SW846	11/10/11	05:22	S	CONC
95	460-33104-E-8-B	92064V1	SW846	11/10/11	05:28	S	CONC
96	460-33378-F-1-A	92064V1	SW846	11/10/11	05:34	S	CONC
97	CCV 1200071	92064V1	SW846	11/10/11	05:40	S	CONC
98	CCB	92064V1	SW846	11/10/11	05:47	S	CONC
99	460-33378-A-3-A	92064V1	SW846	11/10/11	05:53	S	CONC
100	460-33378-D-4-A	92064V1	SW846	11/10/11	05:59	S	CONC
101	460-32999-E-13-B	92064V1	SW846	11/10/11	06:05	S	CONC
102	460-32999-E-14-B	92064V1	SW846	11/10/11	06:11	S	CONC
103	460-32999-D-15-B	92064V1	SW846	11/10/11	06:17	S	CONC
104	CCV 1200071	92064V1	SW846	11/10/11	06:23	S	CONC
105	CCB	92064V1	SW846	11/10/11	06:30	S	CONC

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 1200071	126100.	998.2	4963.	10040.	982.6	2457.
2	ICB	69.59	- .1414	1.484	2.016	.1605	.6334
3	ICSA 1200073	477600.	1.017	-1.512	2.839	- .1197	1.736
4	ICSAB 1200106	485800.	104.9	108.0	108.4	100.4	102.2
5	INT-20	83.41	-32.56	-1.061	10300.	- .5150	-1.628
6	REPLIM	301.4	9.044	3.545	207.5	1.908	4.117
7	480-12011-A-1-K@5	33.11	.0359	3.784	236.7	- .1276	.1415
8	480-12011-A-2-I@5	38.92	1.029	2.822	310.5	- .2379	.0470
9	460-32948-A-1-H@5	90.68	35.11	3.575	279.5	- .0110	1.567
10	460-32838-A-1-F@5	43.85	.4984	1.870	29.26	- .1392	2.029
11	460-32838-A-3-F@5	54.06	2.845	-1.896	49.56	- .2416	1.632
12	CCV 1200071	126600.	1024.	5061.	10110.	1010.	2516.
13	CCB	22.52	.4829	.4412	- .6865	- .1526	- .1606
14	460-32839-A-8-B DU@1	21770.	1.327	9.022	190.2	1.603	1.561
15	460-32839-A-8-A@10	22140.	1.053	7.168	185.0	1.620	1.708
16	SD 460-32839-A-8-A@5	4684.	- .7596	.4346	38.31	.1950	.2806
17	460-32839-A-8-C MS@1	25480.	50.10	378.7	570.8	10.75	11.32
18	PDS 460-32839-A-8-A	24310.	507.3	2068.	2300.	53.62	54.84
19	460-33291-A-1-F@4	34680.	.8563	61.32	226.4	2.110	4.694
20	460-33293-A-1-F@4	47810.	.1964	14.15	242.9	1.838	.2979
21	460-33292-A-1-F@4	36250.	.2552	32.68	263.1	1.973	7.229
22	460-33304-E-1-A@4	38440.	-2.558	27.99	531.5	3.978	4.469
23	460-33305-E-1-B@4	35980.	- .2585	17.99	459.5	3.822	3.225
24	CCV 1200071	126400.	1022.	5070.	10070.	1015.	2533.
25	CCB	6.410	-1.481	-1.652	- .5795	- .1422	.0302
26	460-33158-A-10-E@4	42940.	-2.071	13.51	462.2	2.093	.4743
27	460-33158-A-11-E@4	46750.	- .5953	7.425	446.5	2.966	.0330
28	460-33295-A-1-E@4	43540.	3.073	90.04	346.1	2.491	6.928

29	460-33296-A-1-G@4	39920.	-.6436	36.61	307.3	2.258	9.408
30	460-33294-A-1-I@4	42100.	-1.440	12.60	805.7	3.487	.3084
31	CCV 1200071	125800.	1004.	4966.	10020.	990.1	2461.
32	CCB	36.82	-.3501	-.8823	-.0062	-.1856	.0662
33	MB 460-92064/1-A	15.92	-.3355	-.1178	-.5299	-.2172	.1602
34	LCS 460-92064/2-A	2011.	497.2	1999.	2029.	49.11	51.16
35	460-32800-A-1-G DU	72.51	-.4126	9.119	217.8	.2105	-.0259
36	460-32800-A-1-I	80.95	-.3305	6.119	213.4	.2007	.0187
37	SD 460-32800-A-1-I@5	13.12	-.7778	-.7681	39.83	-.0114	-.0572
38	460-32800-A-1-H MS	2070.	490.5	1977.	2223.	48.79	50.43
39	PDS 460-32800-A-1-I	2055.	470.7	1896.	2213.	48.81	49.05
40	460-32800-A-4-B	14.73	-.0016	15.27	45.50	-.0737	-.1161
41	460-32800-A-5-C	23.55	-.0855	2.621	14.68	-.0727	-.0714
42	460-32916-D-1-C	98.23	.5889	-.3003	150.1	-.0867	-.1084
43	CCV 1200071	123500.	989.9	4916.	9791.	976.5	2449.
44	CCB	22.65	-1.557	-.7654	.0767	.0011	.2697
45	MB 460-92161/1-A@2	41.77	-1.143	.3089	-.6865	-.1262	-.1971
46	LCSSRM 460-92161/2-A	40270.	566.0	501.4	952.2	373.0	292.7
47	460-33268-E-1-E DU@4	14430.	.3649	16.09	25.05	.5126	-.0610
48	460-33268-E-1-D@4	14770.	-.2806	13.20	25.44	.4759	-.3268
49	Sd 460-33268-E-1-D@2	2914.	-.2729	5.596	4.229	-.0150	.0935
50	460-33268-E-1-F MS@4	21230.	218.4	961.0	1020.	25.09	24.57
51	PDS 460-33268-E-1-D	16840.	451.0	1955.	2046.	50.50	50.54
52	460-33273-A-11-B@4	19950.	8.067	20.13	36.53	2.106	.0652
53	460-33273-A-12-B@4	21480.	1.582	19.86	38.16	2.187	.0415

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
54	460-33273-A-13-B@4	19940.	1.450	19.14	55.21	1.292	.2303
55	CCV 1200071	125900.	1010.	4984.	9972.	987.1	2479.
56	CCB	8.044	.4662	.2601	-.5844	.0823	.1201
57	460-33273-A-14-B@4	15700.	1.422	15.70	48.66	1.066	.3939
58	460-33273-A-15-B@4	17740.	-.3378	27.37	53.52	1.404	.1422
59	460-33318-A-3-B@4	14160.	28.81	46.54	480.6	1.539	1.727
60	460-33318-A-5-B@4	31590.	157.0	87.47	1786.	1.560	20.97
61	460-33318-A-17-B@4	29660.	-1.811	8.242	207.0	3.364	.4103
62	460-33318-A-19-B@4	34670.	13.54	29.40	3615.	.8932	13.19
63	460-33318-A-19-B@10	13340.	4.205	11.21	1386.	.3273	5.120
64	460-33318-A-21-B@4	53580.	92.15	55.16	315.0	7.512	3.755
65	460-33318-A-23-B@4	32580.	-.6463	31.86	330.9	3.457	1.271
66	460-33318-A-26-B@4	38820.	2.701	28.61	393.5	5.036	2.557
67	CCV 1200071	123300.	993.8	4907.	9851.	976.1	2432.
68	CCB	31.57	-.9556	-.3410	-.4830	-.0543	.1831
69	460-33318-A-28-B@4	27950.	.9406	29.87	310.5	3.121	1.437
70	460-33318-A-32-B@4	18400.	117.7	144.0	1604.	1.502	5.716
71	460-33318-A-32-B@10	7865.	49.08	60.71	681.5	.5136	2.209
72	460-33318-A-32-B@20	3860.	24.45	29.39	333.2	.1465	1.198
73	CCV 1200071	124300.	1005.	4963.	9986.	986.7	2437.
74	CCB	34.40	-.3268	-.6085	-.4319	-.1042	.2213
75	MB 460-92202/1-A	27.85	-.7932	1.020	-.5310	-.1542	.0986
76	LCS 460-92202/2-A	2024.	500.6	1999.	2057.	49.44	50.76
77	460-33168-B-1-B DU	58.19	.1152	7.823	570.5	-.2781	-.0892
78	460-33168-E-1-C	76.48	-1.579	7.921	557.0	-.2984	-.0615
79	SD 460-33168-E-1-C@5	21.35	.1814	1.716	110.2	-.2215	-.1457
80	460-33168-E-1-D MS	2113.	507.0	2032.	2642.	49.03	49.88
81	PDS 460-33168-E-1-C	2072.	498.0	1992.	2598.	47.96	49.16
82	460-33311-D-1-A	45.75	-.8180	-.3032	94.36	-.3122	-.1129
83	460-33311-D-2-A	35.82	-.7110	1.146	62.54	-.2864	.0892
84	460-33311-D-3-A	27.09	.7827	.0884	80.65	-.3011	-.2602
85	CCV 1200071	125200.	1007.	4986.	10080.	989.1	2439.
86	CCB	40.88	-.8004	-.1274	.3117	-.1634	.1991
87	460-33311-D-4-A	48.91	-1.428	6.766	97.68	-.2875	.0442
88	460-33104-E-1-B	4626.	-.7067	.9586	171.4	-.1330	.3974
89	460-33104-E-2-B	448.1	-.6412	-.4243	91.61	-.2802	-.0844
90	460-33104-E-3-B	102.6	1.443	2.819	140.9	-.2336	-.2835
91	460-33104-E-4-B	1917.	1.388	1.266	265.5	-.2136	-.1692
92	460-33104-E-5-B	2907.	-.1308	2.878	427.7	-.1186	-.1001
93	460-33104-E-6-B	1447.	-1.307	3.942	1393.	-.1451	.2902
94	460-33104-E-7-B	1544.	-.8455	2.824	1253.	-.1355	.4028
95	460-33104-E-8-B	750.5	-1.279	.9804	135.3	-.0178	.1469
96	460-33378-F-1-A	26.62	-.9280	-1.554	65.87	-.2280	-.2532
97	CCV 1200071	125100.	1010.	4978.	10030.	984.9	2438.
98	CCB	24.24	-.5483	.2185	.1197	-.0716	.1513

99	460-33378-A-3-A	179.9	.3553	2.749	67.10	-.1971	-.0681
100	460-33378-D-4-A	1881.	-.3002	4.046	86.85	-.1220	-.0395
101	460-32999-E-13-B	113.9	-.3914	.4259	33.06	-.2547	-.2629
102	460-32999-E-14-B	91.61	-.5444	-1.268	33.32	-.2878	-.2275
103	460-32999-D-15-B	17.26	-2.245	-1.024	-1.001	-.2824	-.1498
104	CCV 1200071	123500.	995.0	4942.	9888.	982.4	2430.
105	CCB	23.47	-1.261	-1.091	-.3827	-.0724	.0591

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 1200071	123700.	4949.	2473.	12530.	99010.	125500.
2	ICB	31.35	1.223	.2969	2.499	20.80	36.91
3	ICSA 1200073	445800.	-2.891	1.363	-.1085	193500.	520900.
4	ICSAB 1200106	459600.	97.55	100.5	107.7	199000.	529400.
5	INT-20	35.18	20030.	19590.	-2.412	34.00	32.30
6	REPLIM	5232.	13.69	53.94	22.86	170.7	4925.
7	480-12011-A-1-K@5	167300.	-.9022	1.946	-.7495	10.34	1599.
8	480-12011-A-2-I@5	161100.	-1.805	2.629	-1.581	15.68	1466.
9	460-32948-A-1-H@5	102600.	7.557	10.48	1.681	161.2	4449.
10	460-32838-A-1-F@5	3270.	1.025	8.456	6.739	8.778	913.0
11	460-32838-A-3-F@5	230400.	-1.580	89.17	148.0	124.0	22340.
12	CCV 1200071	125700.	5063.	2509.	12600.	100400.	126000.
13	CCB	-4.542	.6364	-.0589	-1.911	8.691	5.034
14	460-32839-A-8-B DU@1	4713.	42.81	22.80	50.28	53760.	9138.
15	460-32839-A-8-A@10	4481.	44.62	25.76	62.59	60510.	9120.
16	SD 460-32839-A-8-A@5	939.4	9.331	5.142	11.11	12790.	1926.
17	460-32839-A-8-C MS@1	8385.	80.72	115.3	96.23	46730.	11910.
18	PDS 460-32839-A-8-A	26040.	258.8	548.5	322.6	61640.	29250.
19	460-33291-A-1-F@4	104400.	202.8	23.94	512.0	79570.	16770.
20	460-33293-A-1-F@4	10750.	88.02	42.31	109.6	90630.	13410.
21	460-33292-A-1-F@4	146700.	350.5	25.38	564.2	69760.	22770.
22	460-33304-E-1-A@4	27590.	1635.	28.48	592.4	61930.	11090.
23	460-33305-E-1-B@4	59740.	789.6	31.08	339.9	66970.	11430.
24	CCV 1200071	126800.	5089.	2522.	12550.	101000.	125900.
25	CCB	.3540	.4779	.1166	.7525	5.192	11.89
26	460-33158-A-10-E@4	89420.	86.68	25.30	94.04	70450.	22350.
27	460-33158-A-11-E@4	22050.	82.10	25.78	68.55	63590.	8681.
28	460-33295-A-1-E@4	139000.	296.1	29.03	762.2	98430.	20900.
29	460-33296-A-1-G@4	124100.	437.6	27.76	658.1	78210.	22950.
30	460-33294-A-1-I@4	9329.	86.30	45.91	45.32	94920.	25690.
31	CCV 1200071	123100.	4966.	2463.	12540.	98490.	125200.
32	CCB	6.376	.7449	.1237	-1.067	10.37	17.56
33	MB 460-92064/1-A	3.262	.3269	-.3424	-1.685	.6312	10.57
34	LCS 460-92064/2-A	20360.	203.8	494.0	247.8	1017.	19180.
35	460-32800-A-1-G DU	21230.	-.1343	2.757	-1.433	13560.	12790.
36	460-32800-A-1-I	20550.	-.2036	2.323	-1.655	13130.	12490.
37	SD 460-32800-A-1-I@5	3932.	.1400	.1913	-2.346	2517.	2357.
38	460-32800-A-1-H MS	40430.	201.1	491.5	249.1	14020.	31740.
39	PDS 460-32800-A-1-I	39940.	201.7	491.7	246.4	13680.	31290.
40	460-32800-A-4-B	23820.	.4506	-.0504	-1.553	14490.	8608.
41	460-32800-A-5-C	32120.	.3170	1.301	.0892	336.3	7454.
42	460-32916-D-1-C	9305.	.4474	5.651	2.198	61.45	7143.
43	CCV 1200071	121900.	4907.	2434.	12320.	97120.	123200.
44	CCB	5.714	.1908	-.2171	.7719	5.658	16.28
45	MB 460-92161/1-A@2	16.02	.5804	-.4224	-.5692	.5875	-3.958
46	LCSSRM 460-92161/2-A	48210.	1129.	443.6	850.0	85720.	17450.
47	460-33268-E-1-E DU@4	123.3	93.57	2.843	3.810	29960.	1038.
48	460-33268-E-1-D@4	125.7	92.58	3.055	3.716	30130.	1036.
49	Sd 460-33268-E-1-D@2	15.70	17.79	-.0094	-1.158	5918.	198.6
50	460-33268-E-1-F MS@4	10010.	215.0	243.4	125.9	36900.	10790.
51	PDS 460-33268-E-1-D	20440.	295.8	494.9	253.0	31240.	19930.
52	460-33273-A-11-B@4	1369.	318.5	2.450	10.02	59910.	2695.
53	460-33273-A-12-B@4	1641.	270.6	3.455	9.547	59670.	2507.

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
54	460-33273-A-13-B@4	25080.	152.9	6.559	36.87	55020.	4821.
55	CCV 1200071	122600.	4952.	2459.	12610.	97990.	125900.
56	CCB	3.952	.5906	.4853	1.026	13.59	16.37

57	460-33273-A-14-B@4	4266.	116.6	4.154	21.66	39610.	2443.
58	460-33273-A-15-B@4	22670.	135.1	9.398	58.97	54670.	5867.
59	460-33318-A-3-B@4	19200.	22.48	16.11	358.1	69550.	6636.
60	460-33318-A-5-B@4	22230.	108.0	43.02	583.7	169300.	13470.
61	460-33318-A-17-B@4	6011.	94.65	26.36	40.49	82010.	8489.
62	460-33318-A-19-B@4	94240.	150.2	29.08	1290.	118300.	13910.
63	460-33318-A-19-B@10	36160.	57.14	10.65	486.3	45220.	5310.
64	460-33318-A-21-B@4	79440.	77.01	56.58	219.3	139800.	50420.
65	460-33318-A-23-B@4	46170.	61.86	27.31	92.38	76910.	29260.
66	460-33318-A-26-B@4	58000.	71.66	38.23	75.66	86890.	36280.
67	CCV 1200071	120900.	4862.	2423.	12290.	97020.	122900.
68	CCB	3.524	.3985	.0788	-1.647	2.777	12.07
69	460-33318-A-28-B@4	9829.	57.88	26.72	76.83	81080.	7948.
70	460-33318-A-32-B@4	39370.	208.8	21.18	8449.	147500.	12760.
71	460-33318-A-32-B@10	16860.	88.80	8.892	3595.	63250.	5442.
72	460-33318-A-32-B@20	8269.	44.07	4.178	1754.	31060.	2664.
73	CCV 1200071	121900.	4902.	2444.	12370.	98090.	123900.
74	CCB	2.473	.7507	.1941	.2945	10.67	20.17
75	MB 460-92202/1-A	-2.874	-.0828	-.1068	-.8845	23.94	14.79
76	LCS 460-92202/2-A	20310.	203.4	494.4	246.8	1019.	19190.
77	460-33168-B-1-B DU	36940.	-.6129	51.28	-1.871	42950.	62270.
78	460-33168-E-1-C	36140.	-.4643	50.02	-1.983	41980.	60770.
79	SD 460-33168-E-1-C@5	7312.	-.2931	10.37	-2.522	8446.	11940.
80	460-33168-E-1-D MS	55890.	200.8	544.1	255.0	42780.	81200.
81	PDS 460-33168-E-1-C	55090.	196.4	532.0	251.1	42330.	80510.
82	460-33311-D-1-A	54980.	-.1104	3.619	-1.346	664.5	17740.
83	460-33311-D-2-A	62070.	-.5262	1.075	-.7106	1.283	10560.
84	460-33311-D-3-A	49990.	-.6897	10.96	-.7821	16.71	15440.
85	CCV 1200071	121800.	4905.	2449.	12510.	98180.	124800.
86	CCB	4.147	.5546	.3026	.0427	5.191	18.26
87	460-33311-D-4-A	62620.	-.1523	-.6204	-1.511	6260.	18260.
88	460-33104-E-1-B	85770.	2.810	16.50	.3445	2381.	27250.
89	460-33104-E-2-B	79260.	1.077	2.576	-1.387	451.7	19290.
90	460-33104-E-3-B	207000.	-2.522	-.2853	-2.393	26.57	1516.
91	460-33104-E-4-B	12120.	1.263	3.107	-1.002	3159.	4539.
92	460-33104-E-5-B	46990.	4.623	137.3	.4523	12260.	19930.
93	460-33104-E-6-B	101300.	1.660	1.642	.4503	78000.	135700.
94	460-33104-E-7-B	102200.	1.263	1.055	.5375	78380.	138500.
95	460-33104-E-8-B	56590.	.2661	29.20	-.3464	1356.	34070.
96	460-33378-F-1-A	49720.	.2418	-.5903	.6700	298.4	13370.
97	CCV 1200071	121000.	4882.	2435.	12530.	97500.	124800.
98	CCB	2.793	.5284	.1973	.0354	11.89	18.48
99	460-33378-A-3-A	51960.	-.1712	-.1745	-1.508	4996.	13790.
100	460-33378-D-4-A	52640.	-.3332	-.6068	-1.406	20770.	14120.
101	460-32999-E-13-B	49220.	.5305	-.4236	-1.047	163.3	21020.
102	460-32999-E-14-B	49330.	.0300	-.3803	-1.428	101.7	20660.
103	460-32999-D-15-B	3.191	-.1218	-.7061	-1.888	-.3026	4.405
104	CCV 1200071	121100.	4870.	2428.	12330.	97220.	123200.
105	CCB	-1.062	.2081	-.0340	-.1906	2.817	15.17

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 1200071	4945.	2469.	50640.	1246.	9851.	4967.
2	ICB	1.058	.2606	33.97	.3226	.5419	4.072
3	ICSA 1200073	-6.887	.9259	-6.405	.8340	-5.480	3.308
4	ICSAB 1200106	96.11	99.80	10750.	106.4	97.93	105.9
5	INT-20	18940.	10490.	65.40	1.641	-4.938	-2.966
6	REPLIM	18.62	42.64	4695.	10.11	.6564	6.406
7	480-12011-A-1-K@5	135.5	11.28	419.6	.3057	2.187	3.536
8	480-12011-A-2-I@5	269.3	18.83	413.4	.4443	15.53	3.474
9	460-32948-A-1-H@5	1208.	32.08	4677.	.2468	222.4	3.908
10	460-32838-A-1-F@5	71.25	1.467	1420.	.5466	280.7	2.539
11	460-32838-A-3-F@5	139.4	27.62	5223.	.2903	261.7	3.566
12	CCV 1200071	5057.	2516.	49160.	1261.	10060.	5073.
13	CCB	-.3952	-.1339	33.05	.1737	-4.840	.3276
14	460-32839-A-8-B DU@1	1450.	48.83	3283.	-.2156	119.2	2.706
15	460-32839-A-8-A@10	1540.	52.18	3007.	.5840	110.0	4.931
16	SD 460-32839-A-8-A@5	325.8	10.82	633.1	.0560	19.52	1.478
17	460-32839-A-8-C MS@1	1496.	141.4	7106.	9.812	190.3	363.8
18	PDS 460-32839-A-8-A	2080.	572.8	23580.	43.24	627.1	1977.
19	460-33291-A-1-F@4	1198.	86.64	7357.	7.525	363.8	9.854
20	460-33293-A-1-F@4	1578.	63.80	4215.	.4602	88.59	3.991

21	460-33292-A-1-F@4	1299.	96.57	8933.	17.07	433.7	7.015
22	460-33304-E-1-A@4	1784.	118.4	4134.	4.091	615.7	3.945
23	460-33305-E-1-B@4	1906.	93.36	6278.	4.267	380.9	7.067
24	CCV 1200071	5080.	2527.	48990.	1263.	10110.	5047.
25	CCB	-.0546	-.3615	24.11	.1258	-4.437	1.696
26	460-33158-A-10-E@4	1245.	56.77	3772.	.5451	437.6	5.257
27	460-33158-A-11-E@4	282.7	53.75	1262.	.3893	104.8	2.594
28	460-33295-A-1-E@4	1493.	108.6	10920.	11.42	463.1	13.99
29	460-33296-A-1-G@4	1442.	109.4	10170.	21.95	546.5	7.391
30	460-33294-A-1-I@4	3487.	96.66	7672.	.6348	50.17	2.550
31	CCV 1200071	4978.	2463.	49380.	1248.	9915.	4972.
32	CCB	.2000	.0510	22.24	.1302	-3.568	2.055
33	MB 460-92064/1-A	-.0763	.3025	-10.34	.6273	-4.473	1.115
34	LCS 460-92064/2-A	518.4	502.0	19910.	50.89	500.2	1945.
35	460-32800-A-1-G DU	250.7	8.188	2462.	.2254	-4.646	1.080
36	460-32800-A-1-I	243.6	7.690	2388.	-.0701	-3.716	2.430
37	SD 460-32800-A-1-I@5	45.83	.8598	368.6	.4911	-3.964	2.168
38	460-32800-A-1-H MS	757.7	503.3	22740.	50.43	497.9	1921.
39	PDS 460-32800-A-1-I	749.9	492.1	21810.	40.80	480.0	1841.
40	460-32800-A-4-B	269.9	1.620	6563.	.0625	-3.920	3.420
41	460-32800-A-5-C	128.5	1.255	1045.	-.0596	-4.098	1.631
42	460-32916-D-1-C	323.3	17.87	2318.	.2875	-4.205	.6452
43	CCV 1200071	4927.	2445.	48320.	1229.	9845.	4924.
44	CCB	.1529	-.0410	-8.680	.8078	-3.475	1.258
45	MB 460-92161/1-A@2	-.3054	-1.038	-12.40	-.0205	-3.691	1.494
46	LCSSRM 460-92161/2-A	2676.	646.6	18400.	144.6	453.6	1334.
47	460-33268-E-1-E DU@4	63.83	4.883	2116.	-.0120	4.282	4.011
48	460-33268-E-1-D@4	70.46	5.748	2111.	.1709	4.915	2.928
49	Sd 460-33268-E-1-D@2	13.40	.7555	369.2	.1275	-3.730	.2706
50	460-33268-E-1-F MS@4	322.9	250.3	12590.	23.59	248.6	907.7
51	PDS 460-33268-E-1-D	588.3	504.1	20760.	40.27	502.7	1864.
52	460-33273-A-11-B@4	56.12	10.49	6362.	.6635	80.85	6.532
53	460-33273-A-12-B@4	67.02	12.73	4781.	.1885	51.09	5.003

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
54	460-33273-A-13-B@4	197.0	18.85	3911.	.5517	58.56	4.009
55	CCV 1200071	4986.	2477.	49280.	1245.	9945.	4999.
56	CCB	-.0011	.0602	-14.80	.8793	-4.892	1.361
57	460-33273-A-14-B@4	107.4	11.83	2536.	-.0115	89.94	3.089
58	460-33273-A-15-B@4	260.2	26.08	2922.	.1609	68.89	4.942
59	460-33318-A-3-B@4	682.0	27.92	1867.	.4656	6021.	6.562
60	460-33318-A-5-B@4	2594.	86.14	1884.	6.054	3081.	12.12
61	460-33318-A-17-B@4	1912.	29.97	1010.	.3968	30.98	2.715
62	460-33318-A-19-B@4	2326.	66.37	3335.	11.13	17290.	8.139
63	460-33318-A-19-B@10	889.9	25.33	1137.	4.693	6827.	2.602
64	460-33318-A-21-B@4	5226.	91.88	4706.	2.036	214.9	2.516
65	460-33318-A-23-B@4	1508.	44.26	1852.	.8612	386.0	1.945
66	460-33318-A-26-B@4	4209.	56.08	2628.	.8144	137.3	3.533
67	CCV 1200071	4872.	2431.	48550.	1225.	9732.	4901.
68	CCB	.1998	.0656	-22.09	-.0145	-3.841	.9587
69	460-33318-A-28-B@4	2017.	34.74	1442.	1.074	327.6	5.391
70	460-33318-A-32-B@4	2680.	55.11	1011.	3.419	4800.	7.301
71	460-33318-A-32-B@10	1151.	23.83	407.9	1.437	2073.	3.533
72	460-33318-A-32-B@20	564.0	11.42	170.9	.7017	1023.	3.420
73	CCV 1200071	4904.	2446.	49350.	1238.	9761.	4953.
74	CCB	.1709	.2971	-32.54	.6732	-3.744	1.177
75	MB 460-92202/1-A	.0704	.4079	-24.19	.8947	-4.490	1.580
76	LCS 460-92202/2-A	515.9	498.8	20080.	50.50	496.3	1951.
77	460-33168-B-1-B DU	6544.	6.989	6212.	1.095	-2.860	3.421
78	460-33168-E-1-C	6393.	6.537	6054.	.9176	-3.012	.4648
79	SD 460-33168-E-1-C@5	1312.	.6783	977.0	.3486	-3.623	1.340
80	460-33168-E-1-D MS	6863.	503.0	28000.	52.13	493.9	1958.
81	PDS 460-33168-E-1-C	6793.	493.2	27730.	42.05	485.1	1925.
82	460-33311-D-1-A	9361.	2.193	11270.	.9890	-4.656	1.425
83	460-33311-D-2-A	3829.	2.356	8002.	.5972	L-5.022	6.062
84	460-33311-D-3-A	2072.	5.774	10700.	.6887	-4.446	1.934
85	CCV 1200071	4909.	2452.	49880.	1241.	9788.	4999.
86	CCB	.2624	.2032	-14.09	.1079	-4.568	1.427
87	460-33311-D-4-A	6578.	.1697	11340.	.8730	-4.009	2.600
88	460-33104-E-1-B	1214.	17.39	11330.	.3819	-3.425	-.1778
89	460-33104-E-2-B	392.1	6.562	6501.	.3534	-3.861	1.795
90	460-33104-E-3-B	5.800	3.368	9142.	.4086	-4.530	.2498

91	460-33104-E-4-B	1412.	2.880	2354.	.4258	-3.268	2.308
92	460-33104-E-5-B	H26050.	8.348	3657.	2.531	-3.133	1.476
93	460-33104-E-6-B	2996.	4.037	2662.	.9426	-1.274	4.473
94	460-33104-E-7-B	2957.	3.921	2604.	.6412	-2.548	4.049
95	460-33104-E-8-B	1293.	27.53	5178.	.1049	-3.809	1.292
96	460-33378-F-1-A	266.1	4.179	10680.	.4198	L-5.196	.8733
97	CCV 1200071	4896.	2445.	49510.	1238.	9774.	4980.
98	CCB	.1619	.0625	-45.07	.5557	-4.790	.1807
99	460-33378-A-3-A	132.3	3.007	10710.	.5227	-3.156	2.639
100	460-33378-D-4-A	135.7	3.131	11140.	.4958	-3.794	3.407
101	460-32999-E-13-B	8.698	.0317	2397.	.1859	-3.905	.7697
102	460-32999-E-14-B	6.722	-1.110	2476.	-.1005	-3.461	.1113
103	460-32999-D-15-B	-.3991	-1.189	-28.42	.1259	-3.980	-.5315
104	CCV 1200071	4874.	2434.	48550.	1227.	9720.	4939.
105	CCB	-.0363	.4025	-45.54	.6959	-3.950	.3696

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 1200071	126400.	4956.	2484.	2437.	994.7	2477.
2	ICB	-6.709	4.160	.7283	3.116	1.489	1.452
3	ICSA 1200073	-894.5	-.4764	2.477	9.843	-3.061	.1508
4	ICSAB 1200106	9795.	96.58	103.1	105.4	99.58	97.54
5	INT-20	-353.0	3.740	19600.	.0089	12.35	10260.
6	REPLIM	4911.	14.34	54.24	34.94	48.69	25.29
7	480-12011-A-1-K@5	H276000.	2.157	1.019	57.78	28.21	1.653
8	480-12011-A-2-I@5	H275200.	5.236	.1517	52.46	30.37	2.117
9	460-32948-A-1-H@5	H273200.	.8449	1.445	883.5	34.54	-.0757
10	460-32838-A-1-F@5	H264400.	-.4591	.4735	2955.	29.29	-.4879
11	460-32838-A-3-F@5	H292500.	1.183	.3155	1564.	201.2	4.538
12	CCV 1200071	124800.	5033.	2513.	2487.	1014.	2522.
13	CCB	-63.01	5.964	.2723	1.769	.5080	-.1736
14	460-32839-A-8-B DU@1	-430.4	.0091	51.08	3166.	13.59	.8924
15	460-32839-A-8-A@10	-240.3	2.077	56.68	2919.	26.25	1.335
16	SD 460-32839-A-8-A@5	-112.5	2.961	12.17	623.7	5.499	.4184
17	460-32839-A-8-C MS@1	3544.	377.9	149.5	2436.	108.8	89.60
18	PDS 460-32839-A-8-A	19860.	2054.	577.9	3436.	536.5	514.9
19	460-33291-A-1-F@4	20270.	4.531	103.3	709.5	70.52	2.182
20	460-33293-A-1-F@4	379.0	2.165	180.0	194.6	11.18	.4239
21	460-33292-A-1-F@4	22500.	.3377	104.0	827.5	73.31	4.922
22	460-33304-E-1-A@4	517.6	1.998	124.0	2166.	15.26	3.485
23	460-33305-E-1-B@4	685.9	8.618	115.0	1250.	15.99	2.942
24	CCV 1200071	124900.	5070.	2515.	2513.	1012.	2530.
25	CCB	-65.87	4.406	.3347	1.124	-.3553	.8374
26	460-33158-A-10-E@4	755.0	3.234	133.7	279.2	14.12	9.021
27	460-33158-A-11-E@4	452.4	3.348	125.5	156.4	4.455	-.0368
28	460-33295-A-1-E@4	23000.	-.5259	129.2	929.4	87.27	5.041
29	460-33296-A-1-G@4	26450.	3.889	118.7	958.9	78.24	5.490
30	460-33294-A-1-I@4	205.7	-.8044	97.71	216.5	22.86	.7396
31	CCV 1200071	125000.	4962.	2471.	2417.	998.3	2480.
32	CCB	-102.5	5.204	.0237	.5527	-.1824	.3646
33	MB 460-92064/1-A	-90.97	3.150	.0241	2.292	-.1705	.6971
34	LCS 460-92064/2-A	19380.	1993.	499.7	507.3	487.3	506.5
35	460-32800-A-1-G DU	54320.	5.507	.9536	58.41	8.811	.4698
36	460-32800-A-1-I	53130.	.1308	.8474	29.46	7.622	-.6688
37	SD 460-32800-A-1-I@5	10100.	4.078	.2007	5.732	1.427	-.3003
38	460-32800-A-1-H MS	72820.	1958.	496.7	552.4	495.3	498.4
39	PDS 460-32800-A-1-I	71110.	1899.	495.1	512.5	475.1	484.8
40	460-32800-A-4-B	49660.	3.848	1.465	29.52	110.6	7.148
41	460-32800-A-5-C	7294.	.8079	.8326	2.531	12.77	.7996
42	460-32916-D-1-C	96990.	1.385	1.370	13.21	98.60	1.303
43	CCV 1200071	122800.	4915.	2437.	2425.	985.5	2456.
44	CCB	-9.931	7.086	.3629	1.374	.8928	1.252
45	MB 460-92161/1-A@2	84.70	-.0823	.2242	3.186	.3048	.0779
46	LCSSRM 460-92161/2-A	4111.	603.3	557.0	2801.	655.0	250.8
47	460-33268-E-1-E DU@4	-29.47	2.490	87.09	22.71	15.72	2.297
48	460-33268-E-1-D@4	-96.09	-.4242	92.95	24.11	14.29	2.006
49	Sd 460-33268-E-1-D@2	-75.73	4.523	18.15	4.711	2.914	.1053
50	460-33268-E-1-F MS@4	9085.	947.3	343.5	275.5	261.9	244.2
51	PDS 460-33268-E-1-D	18890.	1958.	586.4	526.6	500.9	499.6
52	460-33273-A-11-B@4	-42.65	1.392	232.0	82.80	57.73	.3927
53	460-33273-A-12-B@4	487.4	1.490	253.5	88.31	38.92	.2447

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
54	460-33273-A-13-B@4	959.4	2.781	172.8	97.34	42.65	.5843
55	CCV 1200071	124900.	5000.	2465.	2433.	1006.	2501.
56	CCB	58.71	8.208	.6414	1.730	1.367	.9058
57	460-33273-A-14-B@4	417.5	.2403	105.0	83.45	23.03	1.474
58	460-33273-A-15-B@4	615.5	-1.605	162.0	96.54	34.70	.6781
59	460-33318-A-3-B@4	749.7	2.297	72.28	663.4	18.26	11.52
60	460-33318-A-5-B@4	263.7	1.736	135.0	H6046.	37.88	12.53
61	460-33318-A-17-B@4	-62.57	2.491	147.8	107.7	1.301	2.290
62	460-33318-A-19-B@4	1545.	.7114	46.51	H5147.	69.91	2.956
63	460-33318-A-19-B@10	565.1	1.377	17.83	2019.	27.73	.3235
64	460-33318-A-21-B@4	-305.5	2.443	220.2	810.3	7.769	5.880
65	460-33318-A-23-B@4	74.25	2.602	131.5	416.1	5.941	2.172
66	460-33318-A-26-B@4	-82.00	1.937	139.7	2102.	14.69	8.258
67	CCV 1200071	123300.	4901.	2411.	2385.	985.9	2449.
68	CCB	-165.0	5.933	-.0315	.8902	-.5179	.5288
69	460-33318-A-28-B@4	102.9	2.213	120.2	328.7	7.621	1.959
70	460-33318-A-32-B@4	-414.0	1.433	82.33	3603.	9.734	1.974
71	460-33318-A-32-B@10	-161.7	2.890	34.85	1561.	4.046	.3597
72	460-33318-A-32-B@20	-182.2	.0508	17.17	774.1	1.630	-.2818
73	CCV 1200071	124400.	4929.	2432.	2391.	990.9	2464.
74	CCB	-113.1	6.388	.5458	1.098	.3843	1.239
75	MB 460-92202/1-A	-26.08	3.243	.4088	1.029	.6654	.2375
76	LCS 460-92202/2-A	19370.	1975.	496.6	499.4	487.4	501.0
77	460-33168-B-1-B DU	178300.	2.941	.9252	102.2	502.2	5.021
78	460-33168-E-1-C	174900.	1.603	.9600	100.8	492.1	4.806
79	SD 460-33168-E-1-C@5	35030.	1.816	.4785	21.01	99.25	-.1236
80	460-33168-E-1-D MS	195400.	1985.	497.1	583.0	989.2	504.9
81	PDS 460-33168-E-1-C	194200.	1944.	488.0	573.0	976.5	494.3
82	460-33311-D-1-A	37100.	1.514	.1739	8.431	257.5	1.882
83	460-33311-D-2-A	23090.	1.987	.1777	6.481	129.5	1.194
84	460-33311-D-3-A	38700.	2.234	.5586	14.90	134.7	-.9955
85	CCV 1200071	125500.	4939.	2438.	2384.	996.8	2470.
86	CCB	-106.2	7.772	.3740	.9878	.5066	1.060
87	460-33311-D-4-A	36480.	1.200	.4033	8.032	259.8	.4254
88	460-33104-E-1-B	159200.	2.525	3.287	44.29	75.97	3.048
89	460-33104-E-2-B	105800.	2.700	5.239	3.386	91.11	2.708
90	460-33104-E-3-B	220200.	1.715	11.79	1.179	19.72	13.21
91	460-33104-E-4-B	116200.	3.401	2.221	6.130	3.346	1.024
92	460-33104-E-5-B	81940.	-4.143	4.384	10.54	139.0	3.848
93	460-33104-E-6-B	H250900.	-.0777	8.112	29.11	6.270	.3210
94	460-33104-E-7-B	H253100.	1.406	8.091	31.22	5.587	-.4425
95	460-33104-E-8-B	70400.	5.867	3.721	42.14	62.07	-.6236
96	460-33378-F-1-A	15420.	-1.649	1.133	31.01	147.9	-.6376
97	CCV 1200071	124900.	4936.	2427.	2365.	995.8	2460.
98	CCB	-57.25	7.989	.5299	.3913	.3830	-.1175
99	460-33378-A-3-A	15340.	2.225	4.296	7.902	80.09	-.5446
100	460-33378-D-4-A	15610.	2.343	4.736	13.07	81.92	-1.074
101	460-32999-E-13-B	23540.	3.267	.2642	3.168	15.03	-.1380
102	460-32999-E-14-B	22420.	4.222	.4255	3.163	15.96	-.7589
103	460-32999-D-15-B	-1.788	1.980	-.0843	1.445	.4270	-1.309
104	CCV 1200071	123300.	4883.	2408.	2374.	984.7	2444.
105	CCB	-69.60	5.951	.2053	.4587	.1895	.6178

#	Sample Name	Sn1899	Ti3349	*Y
1	ICV 1200071	987.6	9987.	1083.94
2	ICB	-.5873	2.277	1111.27
3	ICSA 1200073	-.1998	-1.298	1068.91
4	ICSA 1200106	101.4	101.6	1044.96
5	INT-20	1.496	19280.	1104.05
6	REPLIM	49.00	22.99	1120.94
7	480-12011-A-1-K@5	4.413	-.4752	1078.2
8	480-12011-A-2-I@5	2.956	-.9997	1075.2
9	460-32948-A-1-H@5	3.253	.4652	1090.87
10	460-32838-A-1-F@5	3.307	1.425	1103.16
11	460-32838-A-3-F@5	3.944	.6837	1079.45
12	CCV 1200071	1002.	10050.	1077.53

13	CCB	- .2675	- .5327	1112.66
14	460-32839-A-8-B DU@1	4.224	567.0	1123.49
15	460-32839-A-8-A@10	4.891	697.5	1121.06
16	SD 460-32839-A-8-A@5	2.246	146.0	1096.34
17	460-32839-A-8-C MS@1	93.96	796.3	1154.02
18	PDS 460-32839-A-8-A	528.8	1232.	1113.31
19	460-33291-A-1-F@4	59.82	1065.	1146.74
20	460-33293-A-1-F@4	7.010	2418.	1156.9
21	460-33292-A-1-F@4	47.43	1291.	1140.43
22	460-33304-E-1-A@4	15.56	675.2	1138.63
23	460-33305-E-1-B@4	9.316	836.9	1137.53
24	CCV 1200071	1009.	10030.	1083.29
25	CCB	1.461	.1614	1101
26	460-33158-A-10-E@4	9.358	1223.	1150.87
27	460-33158-A-11-E@4	4.287	832.8	1160.45
28	460-33295-A-1-E@4	76.10	1448.	1139.21
29	460-33296-A-1-G@4	61.43	1183.	1136.47
30	460-33294-A-1-I@4	4.252	1450.	1151.09
31	CCV 1200071	983.0	9882.	1087.9
32	CCB	2.230	.3997	1122.89
33	MB 460-92064/1-A	2.213	- .2436	1135.22
34	LCS 460-92064/2-A	496.4	509.8	1129.46
35	460-32800-A-1-G DU	3.029	- .6656	1109.45
36	460-32800-A-1-I	.5821	- .5872	1115.47
37	SD 460-32800-A-1-I@5	.6042	- .6350	1156.82
38	460-32800-A-1-H MS	489.9	505.8	1112.81
39	PDS 460-32800-A-1-I	492.3	504.4	1114.34
40	460-32800-A-4-B	2.272	- .6443	1142.35
41	460-32800-A-5-C	2.466	- .6215	1149.48
42	460-32916-D-1-C	2.191	.5157	1113.74
43	CCV 1200071	971.5	9733.	1105.54
44	CCB	.4341	.4804	1141.39
45	MB 460-92161/1-A@2	2.204	- .8649	1117.49
46	LCSSRM 460-92161/2-A	513.7	2162.	1170
47	460-33268-E-1-E DU@4	1.114	348.9	1157.83
48	460-33268-E-1-D@4	.8544	363.3	1133.69
49	Sd 460-33268-E-1-D@2	1.153	70.04	1150.15
50	460-33268-E-1-F MS@4	237.1	624.6	1132.82
51	PDS 460-33268-E-1-D	491.3	870.3	1114.9
52	460-33273-A-11-B@4	1.629	370.4	1160.64
53	460-33273-A-12-B@4	3.885	357.3	1123.3

□

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#	Sample Name	Sn1899	Ti3349	*Y
54	460-33273-A-13-B@4	2.960	646.3	1125.24
55	CCV 1200071	978.3	9860.	1092.58
56	CCB	.7097	.2293	1153.82
57	460-33273-A-14-B@4	4.754	398.0	1121.74
58	460-33273-A-15-B@4	4.002	730.3	1141.75
59	460-33318-A-3-B@4	1398.	452.5	1156.68
60	460-33318-A-5-B@4	289.6	1136.	1179.98
61	460-33318-A-17-B@4	2.031	942.2	1212.24
62	460-33318-A-19-B@4	1334.	511.3	1162.22
63	460-33318-A-19-B@10	510.3	194.0	1233.55
64	460-33318-A-21-B@4	6.941	777.4	1309.61
65	460-33318-A-23-B@4	55.89	938.9	1201.99
66	460-33318-A-26-B@4	5.895	1220.	1315.85
67	CCV 1200071	968.9	9671.	1123.25
68	CCB	.3603	.3370	1157.69
69	460-33318-A-28-B@4	9.480	938.5	1187.66
70	460-33318-A-32-B@4	1151.	571.9	1177.87
71	460-33318-A-32-B@10	492.7	243.2	1142.83
72	460-33318-A-32-B@20	243.0	118.5	1148.09
73	CCV 1200071	981.3	9771.	1104.14
74	CCB	.4538	.5529	1157.06
75	MB 460-92202/1-A	1.006	.0301	1135.97
76	LCS 460-92202/2-A	497.9	509.5	1124.09
77	460-33168-B-1-B DU	2.333	- .1439	1091.04
78	460-33168-E-1-C	.6083	- .2339	1109.3
79	SD 460-33168-E-1-C@5	1.050	- .4444	1140.24
80	460-33168-E-1-D MS	498.6	512.3	1100.52
81	PDS 460-33168-E-1-C	490.7	502.6	1107.84
82	460-33311-D-1-A	- .5873	- .9091	1110.24

83	460-33311-D-2-A	2.289	-.9155	1124.09
84	460-33311-D-3-A	.8277	-.7691	1121.4
85	CCV 1200071	984.0	9822.	1098.24
86	CCB	1.546	.6052	1120.37
87	460-33311-D-4-A	1.139	-.7424	1107.43
88	460-33104-E-1-B	1.161	51.56	1128.14
89	460-33104-E-2-B	3.065	13.37	1102.51
90	460-33104-E-3-B	1.280	-.5884	1136.81
91	460-33104-E-4-B	3.268	25.24	1140.24
92	460-33104-E-5-B	-2.046	39.35	1126.06
93	460-33104-E-6-B	2.677	26.54	1103.9
94	460-33104-E-7-B	2.657	28.88	1093.49
95	460-33104-E-8-B	1.962	12.00	1123.87
96	460-33378-F-1-A	1.772	-.9080	1132.46
97	CCV 1200071	973.9	9790.	1102.99
98	CCB	1.243	.5306	1168.06
99	460-33378-A-3-A	.5664	-.3184	1135.32
100	460-33378-D-4-A	2.370	-.7336	1119.36
101	460-32999-E-13-B	1.079	1.498	1120.18
102	460-32999-E-14-B	1.892	.4475	1094.52
103	460-32999-D-15-B	-.2506	-.7665	1125.19
104	CCV 1200071	971.0	9700.	1108.73
105	CCB	1.291	.2823	1163.26

Method: SW846 Standard: T2CAL-BLK
Run Time: 11/09/11 18:57:38

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.4887	.0390	-.0890	-.0013	-.0657	-.0460	.1802
SDev	.0032	.0013	.0305	.0006	.0001	.0043	.0009
%RSD	.6596	3.361	34.34	47.27	.1472	9.372	.4947

#1	.4910	.0399	-.0674	-.0018	-.0657	-.0430	.1808
#2	.4864	.0380	-.1106	-.0009	-.0656	-.0491	.1795

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Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0053	-.0053	.0416	-.0150	-.1859	.0049	-.0465
SDev	.0000	.0000	.0013	.0062	.0022	.0006	.0031
%RSD	.1472	.1472	3.156	41.46	1.200	13.00	6.587

#1	.0053	-.0053	.0425	-.0106	-.1843	.0053	-.0443
#2	.0053	-.0053	.0407	-.0195	-.1875	.0044	-.0486

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	10.69	-.1656	.1727	-.1222	.0013	.0279	-.0040
SDev	.06	.0023	.0178	.0061	.0019	.0032	.0056
%RSD	.5145	1.365	10.30	4.977	141.4	11.37	141.4

#1	10.65	-.1640	.1852	-.1179	.0027	.0301	.0000
#2	10.73	-.1672	.1601	-.1265	.0000	.0256	-.0080

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0961	-.0651	-.0186	.3815	.0999	-.1996	.0814
SDev	.0108	.0195	.0013	.1034	.1676	.0078	.0024
%RSD	11.23	29.96	6.881	27.09	167.8	3.929	2.927

#1	.1037	-.0789	-.0195	.3084	-.0186	-.1941	.0798
#2	.0884	-.0513	-.0177	.4546	.2185	-.2052	.0831

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1130	--	--	--	--	--	--
SDev	1.663065	--	--	--	--	--	--
%RSD	.1472374	--	--	--	--	--	--
#1	1128	--	--	--	--	--	--
#2	1131	--	--	--	--	--	--

Method: SW846		Standard: T2CAL1					
Run Time: 11/09/11		19:03:46					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	56.04	4.478	28.28	17.77	11.11	58.69	73.39
SDev	.08	.043	.04	.04	.01	.01	.08
%RSD	.1491	.9693	.1379	.2399	.0537	.0154	.1071
#1	56.10	4.447	28.31	17.74	11.11	58.70	73.45
#2	55.98	4.509	28.25	17.80	11.12	58.69	73.33
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	19.21	3.891	12.42	21.65	33.80	15.64	13.57
SDev	.03	.002	.03	.00	.06	.03	.03
%RSD	.1731	.0493	.2149	.0219	.1786	.1931	.2056
#1	19.23	3.892	12.43	21.65	33.84	15.66	13.59
#2	19.18	3.889	12.40	21.65	33.76	15.62	13.55
Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	4.036	12.53	4.643	4.523	2.230	29.19	4.679
SDev	.014	.13	.009	.007	.008	.03	.048
%RSD	.3359	1.027	.2016	.1488	.3662	.0871	1.024
#1	4.046	12.44	4.649	4.527	2.236	29.18	4.713
#2	4.026	12.62	4.636	4.518	2.224	29.21	4.645
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	49.85	73.73	66.08	11.82	10.40		
SDev	.03	.17	.00	.02	.07		
%RSD	.0519	.2367	.0046	.1355	.6917		
#1	49.87	73.86	66.08	11.80	10.35	□□Standardization Rpt.	
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#2	49.84	73.61	66.07	11.83	10.45		
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1101	--	--	--	--	--	--
SDev	.5430186	--	--	--	--	--	--
%RSD	.0493388	--	--	--	--	--	--
#1	1100	--	--	--	--	--	--
#2	1101	--	--	--	--	--	--

Method: SW846		Standard: T2CAL2					
Run Time: 11/09/11		19:09:55					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	278.3	22.02	137.1	85.57	52.77	276.7	344.9
SDev	.4	.01	.2	.16	.17	1.0	1.2
%RSD	.1340	.0229	.1775	.1832	.3170	.3696	.3601
#1	278.0	22.02	137.2	85.46	52.88	277.4	345.8
#2	278.5	22.01	136.9	85.68	52.65	276.0	344.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	91.89	18.72	61.61	103.7	173.1	74.14	64.88
SDev	.25	.06	.04	.3	.1	.23	.25
%RSD	.2731	.3138	.0691	.2423	.0567	.3157	.3816
#1	92.06	18.77	61.58	103.9	173.0	74.31	65.06
#2	91.71	18.68	61.64	103.5	173.1	73.98	64.71
Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899

Avge	20.88	61.21	22.52	20.74	11.05	140.5	23.05
SDev	.00	.09	.05	.08	.03	.0	.16
%RSD	.0159	.1530	.2050	.3907	.2467	.0298	.6729
#1	20.88	61.27	22.55	20.80	11.07	140.6	23.16
#2	20.89	61.14	22.49	20.68	11.03	140.5	22.94
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	240.0	350.4	315.4	58.34	50.13		
SDev	.1	1.9	.7	.32	.10		
%RSD	.0547	.5347	.2154	.5514	.2028		
#1	240.1	351.7	315.9	58.57	50.20		
#2	239.9	349.1	314.9	58.11	50.05		
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1084	--	--	--	--	--	--
SDev	1.357676	--	--	--	--	--	--
%RSD	.1252875	--	--	--	--	--	--
#1	1085	--	--	--	--	--	--
#2	1083	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 11/09/11 19:16:03

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	542.3	43.29	267.2	160.7	101.9	531.1	652.4
SDev	.1	.09	.7	.3	.2	.1	1.0
%RSD	.0105	.2003	.2494	.1949	.2115	.0271	.1555
#1	542.3	43.35	267.6	160.9	102.1	531.2	653.1
#2	542.4	43.23	266.7	160.5	101.7	531.0	651.7
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	177.4	36.19	121.1	199.5	345.4	141.4	125.3
SDev	.2	.08	.1	.4	.2	.1	.2
%RSD	.0882	.2076	.0841	.1883	.0639	.0633	.1420
#1	177.5	36.24	121.1	199.8	345.3	141.5	125.5
#2	177.3	36.14	121.2	199.2	345.6	141.3	125.2

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Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	592.6	41.93	155.2	119.5	43.93	39.47	21.95
SDev	2.7	.03	.1	.3	.01	.03	.03
%RSD	.4611	.0683	.0710	.2626	.0134	.0881	.1347
#1	594.5	41.90	155.3	119.7	43.93	39.45	21.97
#2	590.7	41.95	155.1	119.3	43.93	39.50	21.93
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	272.5	44.82	461.9	680.4	611.4	113.9	97.23
SDev	.2	.13	.1	.5	.5	.0	.30
%RSD	.0837	.2943	.0227	.0793	.0785	.0019	.3041
#1	272.7	44.91	462.0	680.8	611.1	113.9	97.44
#2	272.3	44.72	461.8	680.0	611.8	113.9	97.02
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1075	--	--	--	--	--	--
SDev	1.255822	--	--	--	--	--	--
%RSD	.1167755	--	--	--	--	--	--
#1	1075	--	--	--	--	--	--
#2	1076	--	--	--	--	--	--

Method: SW846

Slope = Conc(SIR)/IR

Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	454.155	-224.011	11/09/11 07:16:03
Sb2068	206.838	Multiple	Standards	46.7637	-1.84414	11/09/11 07:16:03
As1890	189.042	Multiple	Standards	36.3681	2.95772	11/09/11 07:16:03
Ba4934	493.409	Multiple	Standards	117.772	-.686453	11/09/11 07:16:03
Be3130	313.042	Multiple	Standards	18.7789	1.14550	11/09/11 07:16:03
Cd2265	226.502	Multiple	Standards	8.99580	.175463	11/09/11 07:16:03
Ca3179	317.933	Multiple	Standards	361.741	-78.3429	11/09/11 07:16:03
Cr2677	267.716	Multiple	Standards	54.2554	-.655920	11/09/11 07:16:03
Co2286	228.616	Multiple	Standards	134.383	.543769	11/09/11 07:16:03
Cu3247	324.754	Multiple	Standards	203.839	-8.68987	11/09/11 07:16:03
Fe2714	271.441	Multiple	Standards	964.823	6.95265	11/09/11 07:16:03
Mg3832	383.231	Multiple	Standards	726.750	137.625	11/09/11 07:16:03
Mn2576	257.610	Multiple	Standards	67.3004	-.788316	11/09/11 07:16:03
Ni2316	231.604	Multiple	Standards	38.3408	1.58903	11/09/11 07:16:03
K_7664	766.491	T2CAL3	T2CAL-BLK	1.09294	1.52947	11/09/11 07:16:03
Ag3280	328.068	Multiple	Standards	59.3803	9.83339	11/09/11 07:16:03
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	1.09854	-.001109	11/09/11 07:16:03
Tl1908	190.864	Multiple	Standards	81.5390	9.70094	11/09/11 07:16:03
V_2924	292.402	Multiple	Standards	110.522	-.273148	11/09/11 07:16:03
Zn2062	206.200	Multiple	Standards	119.089	-3.63629	11/09/11 07:16:03
B_2496	249.678	Multiple	Standards	90.8240	.344945	11/09/11 07:16:03
Mo2020	202.030	Multiple	Standards	17.7794	-1.85933	11/09/11 07:16:03
Sn1899	189.989	Multiple	Standards	43.6544	2.79211	11/09/11 07:16:03
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Element	Wavelen	High std	Low std	Slope	Y-intercept	Date Standardized
Ti3349	334.941	Multiple	Standards	41.6571	.085193	11/09/11 07:16:03
2203/1	220.351	Multiple	Standards	28.5602	-11.6246	11/09/11 07:16:03
2203/2	220.352	Multiple	Standards	31.4311	-3.85782	11/09/11 07:16:03
1960/1	196.021	Multiple	Standards	85.2907	16.7951	11/09/11 07:16:03
1960/2	196.022	Multiple	Standards	99.2128	-8.35275	11/09/11 07:16:03

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-2.06141	2.06141
		T2CAL1	25000.0	25227.4	-227.418
		T2CAL2	125000.	126145.	-1145.05
		T2CAL3	250000.	246079.	3921.17

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	-.022420	.022420
		T2CAL1	200.000	207.565	-7.56537
		T2CAL2	1000.00	1027.81	-27.8093
		T2CAL3	2000.00	2022.42	-22.4177

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.277363	.277363
		T2CAL1	1000.00	1031.44	-31.4387
		T2CAL2	5000.00	4988.07	11.9316
		T2CAL3	10000.0	9719.07	280.926

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.842909	.842909
		T2CAL1	2000.00	2091.95	-91.9512
		T2CAL2	10000.0	10076.7	-76.7422
		T2CAL3	20000.0	18927.0	1073.00

CorCoef: 0.99944

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.087729	.087729
		T2CAL1	200.000	209.811	-9.81133
		T2CAL2	1000.00	992.042	7.95752
		T2CAL3	2000.00	1914.75	85.2539

CorCoef: 0.99982

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration

Cd2265	226.502	T2CAL-BLK	.000000	-.238653	.238653
		T2CAL1	500.000	528.178	-28.1779
		T2CAL2	2500.00	2489.41	10.5896
		T2CAL3	5000.00	4777.89	222.109

CorCoef: 0.99975

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-13.1691	13.1691
		T2CAL1	25000.0	26470.0	-1470.01
		T2CAL2	125000.	124695.	304.922
		T2CAL3	250000.	235910.	14090.3

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CorCoef: 0.99956

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.367713	.367713
		T2CAL1	1000.00	1041.45	-41.4489
		T2CAL2	5000.00	4984.62	15.3833
		T2CAL3	10000.0	9623.03	376.972

CorCoef: 0.99982

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.170077	.170077
		T2CAL1	500.000	523.378	-23.3776
		T2CAL2	2500.00	2516.69	-16.6921
		T2CAL3	5000.00	4863.82	136.179

CorCoef: 0.99983

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	-.207760	.207760
		T2CAL1	2500.00	2522.00	-21.9985
		T2CAL2	12500.0	12548.9	-48.8740
		T2CAL3	25000.0	24682.3	317.730

CorCoef: 0.99996

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-7.56423	7.56423
		T2CAL1	20000.0	20896.4	-896.404
		T2CAL2	100000.	100040.	-39.9766
		T2CAL3	200000.	192490.	7509.75

CorCoef: 0.99979

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	2.50819	-2.50819
		T2CAL1	25000.0	24701.1	298.887
		T2CAL2	125000.	125909.	-908.914
		T2CAL3	250000.	251171.	-1171.02

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.460575	.460575
		T2CAL1	1000.00	1051.87	-51.8660
		T2CAL2	5000.00	4988.90	11.0962
		T2CAL3	10000.0	9515.53	484.468

CorCoef: 0.99968

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.192975	.192975
		T2CAL1	500.000	521.821	-21.8209
		T2CAL2	2500.00	2489.31	10.6899
		T2CAL3	5000.00	4807.00	193.004

CorCoef: 0.99982

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	13.2139	10.6909	2.52309
		T2CAL3	649.204	592.598	56.6063

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.002592	-.002592

		T2CAL1	250.000	249.493	.506989
		T2CAL2	1250.00	1249.85	.145508
		T2CAL3	2500.00	2499.36	.638916
CorCoef: 1.00000					
Element	Wavelength	Standard	Known	Measured	Residual
Pb2203	220.353	NONE	Concentration	Concentration	Concentration
		NONE	.000000	.000000	.000000
			.000000	.000000	.000000
Element	Wavelength	Standard	Known	Measured	Residual
Se1960	196.026	NONE	Concentration	Concentration	Concentration
		NONE	.000000	.000000	.000000
			.000000	.000000	.000000
Element	Wavelength	Standard	Known	Measured	Residual
Na3302	330.232	T2CAL-BLK	Signal	Signal	Signal
		T2CAL3	.188557	.172654	.015903
			170.478	155.187	15.2904
Element	Wavelength	Standard	Known	Measured	Residual
Tl1908	190.864	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.260858	.260858
		T2CAL1	1000.00	1031.57	-31.5730
		T2CAL2	5000.00	5000.43	-.426758
		T2CAL3	10000.0	9753.57	246.430
CorCoef: 0.99991					
Element	Wavelength	Standard	Known	Measured	Residual
V_2924	292.402	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.126220	.126220
		T2CAL1	500.000	512.827	-12.8269
		T2CAL2	2500.00	2488.91	11.0857
		T2CAL3	5000.00	4854.92	145.084
CorCoef: 0.99991					
Element	Wavelength	Standard	Known	Measured	Residual
Zn2062	206.200	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.314832	.314832
		T2CAL1	500.000	534.954	-34.9539
		T2CAL2	2500.00	2466.29	33.7117
		T2CAL3	5000.00	4696.91	303.085
CorCoef: 0.99964					
Element	Wavelength	Standard	Known	Measured	Residual
B_2496	249.678	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.016524	.016524
		T2CAL1	200.000	202.897	-2.89748
		T2CAL2	1000.00	1004.13	-4.13202
		T2CAL3	2000.00	1993.90	6.09912
CorCoef: 0.99999					
Element	Wavelength	Standard	Known	Measured	Residual
Mo2020	202.030	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.151318	.151318
		T2CAL1	500.000	517.196	-17.1964
		T2CAL2	2500.00	2496.71	3.29443
		T2CAL3	5000.00	4843.00	157.004
CorCoef: 0.99987					
Standardization Readback Report 11/09/11 07:22:09 PM page 11					
Element	Wavelength	Standard	Known	Measured	Residual
Sn1899	189.989	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.049206	.049206
		T2CAL1	200.000	207.045	-7.04465
		T2CAL2	1000.00	1009.22	-9.21881
		T2CAL3	2000.00	1959.24	40.7642
CorCoef: 0.99988					
Element	Wavelength	Standard	Known	Measured	Residual
Ti3349	334.941	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.689339	.689339
		T2CAL1	2000.00	2076.90	-76.8989
		T2CAL2	10000.0	9998.30	1.70020
		T2CAL3	20000.0	19241.6	758.355
CorCoef: 0.99979					
Element	Wavelength	Standard	Known	Measured	Residual
2203/1	220.351	T2CAL-BLK	Concentration	Concentration	Concentration
			.000000	-.728708	.728708
		T2CAL1	2000.00	2094.22	-94.2219
		T2CAL2	10000.0	9996.05	3.95313

CorCoef: 0.99988		T2CAL3	20000.0	19421.2	578.816
Element	Wavelength	Standard	Known	Measured	Residual
2203/2	220.352	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	- .717233	.717233
		T2CAL2	2000.00	2072.99	-72.9919
		T2CAL3	10000.0	9910.45	89.5469
CorCoef: 0.99986		T2CAL3	20000.0	19214.5	785.469
Element	Wavelength	Standard	Known	Measured	Residual
1960/1	196.021	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	- .232189	.232189
		T2CAL2	1000.00	1024.54	-24.5438
		T2CAL3	5000.00	4992.75	7.24512
CorCoef: 0.99991		T2CAL3	10000.0	9730.82	269.176
Element	Wavelength	Standard	Known	Measured	Residual
1960/2	196.022	T2CAL-BLK	Concentration	Concentration	Concentration
		T2CAL1	.000000	- .271940	.271940
		T2CAL2	1000.00	1023.80	-23.8046
		T2CAL3	5000.00	4964.69	35.3066
CorCoef: 0.99988		T2CAL3	10000.0	9638.29	361.713

Method: SW846 Sample Name: ICV 1200071 Operator:
Run Time: 11/09/11 19:22:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126100.	998.2	4963.	10040.	982.6	2457.	123700.
SDev	77.	.7	4.	14.	1.2	.	82.
%RSD	.0614	.0726	.0724	.1389	.1187	.0014	.0662
#1	126000.	997.7	4965.	10050.	983.4	2457.	123800.
#2	126100.	998.7	4960.	10030.	981.7	2457.	123700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	131800.	1054.	5272.	10540.	1054.	2636.	131800.
Low	118200.	946.0	4728.	9455.	946.0	2364.	118200.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4949.	2473.	12530.	99010.	125500.	4945.	2469.
SDev	5.	1.	10.	88.	70.	6.	1.
%RSD	.0965	.0272	.0835	.0884	.0557	.1266	.0261
#1	4953.	2473.	12540.	99070.	125500.	4949.	2468.
#2	4946.	2472.	12520.	98950.	125400.	4940.	2469.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5272.	2636.	13180.	105400.	131800.	5272.	2636.
Low	4728.	2364.	11820.	94560.	118200.	4728.	2364.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50640.	1246.	9851.	4967.	126400.	4956.	2484.
SDev	463.	1.	6.	4.	125.	15.	4.
%RSD	.9140	.0494	.0584	.0816	.0990	.3120	.1602
#1	50970.	1246.	9846.	4964.	126400.	4945.	2487.
#2	50310.	1246.	9855.	4970.	126500.	4967.	2481.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	52720.	1318.	10540.	5272.	131800.	5272.	2636.
Low	47280.	1182.	9455.	4728.	118200.	4728.	2364.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2437.	994.7	2477.	987.6	9987.	9842.	9855.
SDev	8.	7.0	4.	5.2	11.	4.	11.
%RSD	.3237	.7007	.1512	.5304	.1134	.0397	.1073
#1	2432.	999.7	2480.	991.3	9995.	9845.	9847.
Report	11/09/11 07:28:17 PM						Analysis

#2	2443.	989.8	2475.	983.9	9979.	9839.	9862.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2636.	1054.	2636.	1054.	10540.		
Low	2364.	946.0	2364.	946.0	9455.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4962.	4970.					
SDev	15.	14.					
%RSD	.3070	.2753					
#1	4973.	4960.					
#2	4951.	4980.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1084	--	--	--	--	--	--
SDev	3.122595	--	--	--	--	--	--
%RSD	.2880792	--	--	--	--	--	--
#1	1082	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 11/09/11 19:28:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report				11/09/11 07:34:24 PM		page 16		Analysis
Avge	69.59	-.1414	1.484	2.016	.1605	.6334	31.35	
SDev	52.20	1.4109	1.250	3.821	.3996	.8358	47.85	
%RSD	75.01	997.6	84.18	189.6	249.0	132.0	152.6	
#1	32.68	.8562	2.368	-.6865	-.1221	.0424	-2.485	
#2	106.5	-1.139	.6008	4.718	.4431	1.224	65.19	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.	
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1.223	.2969	2.499	20.80	36.91	1.058	.2606	
SDev	1.760	1.189	2.851	41.62	49.96	2.011	.5611	
%RSD	143.9	400.4	114.1	200.1	135.4	190.1	215.3	
#1	-.0211	-.5437	.4829	-8.629	1.577	-.3643	-.1362	
#2	2.468	1.137	4.515	50.24	72.24	2.480	.6573	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00	
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	33.97	.3226	.5419	4.072	-6.709	4.160	.7283	
SDev	11.93	.3800	6.553	.978	31.919	4.093	1.264	
%RSD	35.12	117.8	1209.	24.02	475.8	98.40	173.6	
#1	25.53	.0539	-4.092	3.380	-29.28	1.265	-.1657	
#2	42.41	.5913	H5.175	4.763	15.86	7.054	1.622	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	

High	1000.	10.00	5.000	5.000	1000.	10.00	50.00			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	3.116	1.489	1.452	-.5873	2.277	-.3209	.9699			
SDev	1.061	.003	.361	1.6643	3.896	7.3876	6.134			
%RSD	34.04	.2188	24.84	283.4	171.1	2302.	632.4			
#1	2.366	1.492	1.197	-1.764	-.4772	-5.545	-3.368			
#2	3.866	1.487	1.707	.5896	5.032	4.903	5.307			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	30.00	50.00	20.00	50.00	20.00					
Low	-30.00	-50.00	-20.00	-50.00	-20.00					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avge	4.785	3.706								
SDev	1.902	.517								
%RSD	39.75	13.95								
#1	3.440	3.341	Analysis Report				11/09/11 07:34:24			
PM	page 17									
#2	6.130	4.072								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1111	--	--	--	--	--	--			
SDev	.2376300	--	--	--	--	--	--			
%RSD	.0213836	--	--	--	--	--	--			
#1	1111	--	--	--	--	--	--			
#2	1111	--	--	--	--	--	--			

Method:	SW846	Sample Name:	ICSA 1200073	Operator:						
Run Time:	11/09/11 19:34:27									
Comment:										
Mode:	CONC	Corr. Factor:	1							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	477600.	1.017	-1.512	2.839	-.1197	1.736	445800.			
SDev	263.	2.563	6.177	.004	.0381	.210	518.			
%RSD	.0550	252.0	408.5	.1577	31.87	12.12	.1161			
#1	477800.	2.829	-5.880	2.836	-.0927	1.587	445400.			
#2	477400.	-.7951	2.856	2.842	-.1467	1.885	446200.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	600000.	20.00	10.00	100.0	5.000	8.000	600000.			
Low	400000.	-20.00	-10.00	-100.0	-5.000	-8.000	400000.			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	-2.891	1.363	-.1085	193500.	520900.	-6.887	.9259			
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SDev	.002	.266	.0109	198.	338.	.053	1.242			
%RSD	.0775	19.49	10.05	.1023	.0648	.7661	134.1			
#1	-2.889	1.551	-.1162	193300.	521100.	-6.924	.0477			
#2	-2.892	1.175	-.1008	193600.	520600.	-6.850	1.804			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	20.00	20.00	50.00	240000.	600000.	20.00	20.00			
Low	-20.00	-20.00	-50.00	160000.	400000.	-20.00	-20.00			

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.405	.8340	-5.480	3.308	-894.5	-.4764	2.477
SDev	1.752	.1685	1.168	1.970	51.8	4.4602	.005
%RSD	27.36	20.21	21.32	59.57	5.796	936.2	.1901
#1	-7.644	.9531	-6.306	1.914	-931.2	-3.630	2.474
#2	-5.166	.7148	-4.654	4.701	-857.8	2.677	2.480
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	10.00	10.00	10.00	2000.	20.00	20.00
Low	-2000.	-10.00	-10.00	-10.00	-2000.	-20.00	-20.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.843	-3.061	.1508	-.1998	-1.298	-31.39	7.452
SDev	.175	.124	.0383	1.3615	.029	2.69	.408
%RSD	1.775	4.037	25.41	681.4	2.259	8.559	5.476
#1	9.719	-2.974	.1237	-1.163	-1.277	-33.29	7.164
#2	9.966	-3.148	.1778	.7629	-1.318	-29.49	7.741
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	30.00	30.00	50.00	30.00		
Low	-30.00	-30.00	-30.00	-50.00	-30.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	11.47	-.7760					
SDev	16.98	5.5214					
%RSD	148.0	711.5					
#1	-.5363	3.128					
#2	23.47	-4.680					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1069	--	--	--	--	--	--
SDev	1.357676	--	--	--	--	--	--
%RSD	.1270148	--	--	--	--	--	--

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□□Analysis

#1	1070	--	--	--	--	--	--
#2	1068	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 1200106 Operator:
Run Time: 11/09/11 19:40:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	485800.	104.9	108.0	108.4	100.4	102.2	459600.
SDev	628.	1.8	4.5	.1	.1	.3	424.
%RSD	.1293	1.688	4.136	.0899	.1238	.2544	.0922
#1	486200.	106.1	111.2	108.3	100.4	102.4	459300.
#2	485300.	103.6	104.9	108.4	100.5	102.0	459900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.55	100.5	107.7	199000.	529400.	96.11	99.80

SDev	.23	.4	.0	108.	606.	.05	.62
%RSD	.2327	.4129	.0123	.0544	.1145	.0572	.6259
#1	97.39	100.2	107.7	199000.	529800.	96.07	99.36
#2	97.71	100.8	107.7	199100.	529000.	96.15	100.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10750.	106.4	97.93	105.9	9795.	96.58	103.1
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SDev	3.	.2	.81	1.5	72.	2.07	.2
%RSD	.0325	.1837	.8317	1.407	.7359	2.141	.1460
#1	10750.	106.3	97.35	106.9	9846.	98.05	103.0
#2	10750.	106.6	98.50	104.8	9744.	95.12	103.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	105.4	99.58	97.54	101.4	101.6	74.98	109.4
SDev	.5	.18	1.20	.7	.2	.53	1.5
%RSD	.4776	.1767	1.234	.6887	.2032	.7100	1.357
#1	105.0	99.46	98.39	100.9	101.4	75.36	108.3
#2	105.7	99.71	96.69	101.9	101.7	74.60	110.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	114.3	101.6					
SDev	3.1	.7					
%RSD	2.708	.6771					
#1	116.5	102.1					
#2	112.1	101.2					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1045	--	--	--	--	--	--
SDev	1.357676	--	--	--	--	--	--
%RSD	.1299261	--	--	--	--	--	--
#1	1044	--	--	--	--	--	--
#2	1046	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 11/09/11 19:46:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	83.41	-32.56	-1.061	10300.	-.5150	-1.628	35.18
SDev	15.53	2.74	.985	1.	.0338	.116	2.66
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%RSD	18.62	8.419	92.82	.0065	6.572	7.138	7.569
#1	72.43	-34.50	-1.757	10300.	-.4911	-1.710	37.07
#2	94.40	-30.62	-.3646	10300.	-.5389	-1.546	33.30
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20030.	19590.	-2.412	34.00	32.30	18940.	10490.
SDev	.39.	.22.	.280	3.61	.32	.26.	.40.
%RSD	.1955	.1136	11.63	10.61	1.002	.1374	.3821
#1	20000.	19570.	-2.610	31.45	32.53	18920.	10460.
#2	20060.	19600.	-2.214	36.56	32.07	18960.	10520.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	65.40	1.641	-4.938	-2.966	-353.0	3.740	19600.
SDev	.11	.208	.811	3.495	.1	2.603	.50.
%RSD	.1619	12.68	16.43	117.8	.0334	69.59	.2529
#1	65.32	1.788	-5.512	-.4947	-352.9	5.580	19560.
#2	65.47	1.494	-4.364	-5.438	-353.1	1.900	19630.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0089	12.35	10260.	1.496	19280.	-10.54	-2.144
SDev	.1481	.83	.50.	.828	.21.	.14	1.144
%RSD	1656.	6.713	.4844	55.37	.1100	1.367	53.37
#1	-.0958	12.94	10220.	2.082	19260.	-10.64	-2.953
#2	.1137	11.77	10290.	.9103	19290.	-10.44	-1.335
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-15.88	3.474					
SDev	4.70	2.895					
%RSD	29.57	83.34					
#1	-12.56	5.521					
#2	-19.21	1.427					
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1104	--	--	--	--	--	--
SDev	3.394147	--	--	--	--	--	--
%RSD	.3074275	--	--	--	--	--	--
#1	1106	--	--	--	--	--	--
#2	1102	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM

Run Time: 11/09/11 19:52:49

Operator:

Comment:

□□Analysis Report

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Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	301.4	9.044	3.545	207.5	1.908	4.117	5232.
SDev	17.8	.840	1.123	1.1	.008	.110	2.
%RSD	5.920	9.293	31.69	.5457	.4144	2.679	.0446
#1	288.7	8.450	2.751	208.3	1.903	4.039	5233.
#2	314.0	9.638	4.340	206.7	1.914	4.195	5230.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.69	53.94	22.86	170.7	4925.	18.62	42.64
SDev	.40	.76	.18	.4	4.	.58	1.12
%RSD	2.910	1.405	.7714	.2498	.0762	3.123	2.634
#1	13.97	54.47	22.99	170.4	4922.	19.03	41.84

#2	13.41	53.40	22.74	171.0	4928.	18.20	43.43
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4695.	10.11	.6564	6.406	4911.	14.34	54.24
SDev	9.	.15	.6836	.086	113.	2.77	.57
%RSD	.1833	1.477	104.1	1.346	2.292	19.34	1.054
#1	4701.	10.00	1.140	6.345	4832.	12.38	54.65
#2	4689.	10.21	.1730	6.467	4991.	16.31	53.84
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.94	48.69	25.29	49.00	22.99	1.012	.4747
SDev	.21	.10	.29	2.82	.48	.693	1.371
%RSD	.5979	.2065	1.138	5.760	2.093	68.46	288.8
#1	35.09	48.61	25.50	51.00	23.33	.5224	1.444
#2	34.79	48.76	25.09	47.01	22.65	1.503	-.4947
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.668	6.765					
SDev	.196	.227					
%RSD	3.463	3.359					
#1	5.807	6.604					
#2	5.529	6.926					
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1121	--	--	--	--	--	--
SDev	1.697074	--	--	--	--	--	--
%RSD	.1513968	--	--	--	--	--	--
#1	1120	--	--	--	--	--	--
#2	1122	--	--	--	--	--	--

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Method: SW846 Sample Name: 480-12011-A-1-K@5 Operator:

Run Time: 11/09/11 19:58:56

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.11	.0359	3.784	236.7	-.1276	.1415	167300.
SDev	12.89	2.466	1.169	.3	.0126	.0422	29.
%RSD	38.93	6861.	30.89	.1200	9.861	29.83	.0172
#1	24.00	-1.708	2.957	236.5	-.1187	.1117	167300.
#2	42.23	1.780	4.610	236.9	-.1365	.1714	167300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9022	1.946	-.7495	10.34	1599.	135.5	11.28
SDev	1.0669	1.144	.2691	15.07	12.	.7	.37
%RSD	118.3	58.75	35.90	145.7	.7549	.5313	3.323
#1	-.1478	2.755	-.9398	21.00	1607.	136.0	11.54
#2	-1.657	1.138	-.5593	-.3148	1590.	135.0	11.01
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	419.6	.3057	2.187	3.536	H276000.	2.157	1.019
SDev	1.6	.0797	.541	1.275	1143.	1.010	1.081
%RSD	.3842	26.07	24.73	36.07	.4143	46.81	106.1

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#1	420.7	.3620	2.570	4.438	H275200.	2.871	1.783
#2	418.5	.2493	1.805	2.635	H276800.	1.443	.2541

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.78	28.21	1.653	4.413	-.4752	.8185	2.867
SDev	.61	.61	.794	1.605	.9018	1.592	.016
%RSD	1.059	2.148	48.02	36.37	189.8	194.5	.5600

#1	58.21	27.78	1.092	3.278	.1625	1.944	2.878
#2	57.34	28.63	2.214	5.548	-1.113	-.3072	2.855

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.009	2.293
SDev	3.302	.264
%RSD	54.96	11.50

#1	8.344	2.479
#2	3.674	2.106

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1078	--	--	--	--	--	--
SDev	.2376300	--	--	--	--	--	--
%RSD	.0220395	--	--	--	--	--	--
#1	1078	--	--	--	--	--	--
#2	1078	--	--	--	--	--	--

Method: SW846 Sample Name: 480-12011-A-2-I@5 Operator:
Run Time: 11/09/11 20:05:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38.92	1.029	2.822	310.5	-.2379	.0470	161100.
SDev	12.35	.704	.239	1.5	.0129	.0207	306.
%RSD	31.73	68.47	8.466	.4870	5.417	43.99	.1897

#1	30.19	.5306	2.991	309.4	-.2288	.0324	160900.
#2	47.65	1.527	2.653	311.6	-.2471	.0616	161300.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.805	2.629	-1.581	15.68	1466.	269.3	18.83
SDev	.039	.178	.131	.01	8.	.6	.64
%RSD	2.168	6.763	8.311	.0716	.5199	.2249	3.382

#1	-1.777	2.504	-1.488	15.69	1472.	269.7	18.38
#2	-1.832	2.755	-1.673	15.68	1461.	268.9	19.28
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	413.4	.4443	15.53	3.474	H275200.	5.236	.1517
SDev	1.3	.2304	.75	1.148	748.	2.845	.0049
%RSD	.3028	51.86	4.833	33.06	.2717	54.33	3.217
#1	412.5	.2814	16.06	4.286	H274700.	7.248	.1551
#2	414.3	.6072	15.00	2.662	H275800.	3.225	.1482
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.46	30.37	2.117	2.956	-.9997	14.94	15.82
SDev	.21	.01	.829	.803	.2196	1.41	.42
%RSD	.4074	.0328	39.14	27.17	21.96	9.436	2.664
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#1	52.62	30.37	2.703	3.524	-.8445	15.93	16.11
#2	52.31	30.38	1.531	2.388	-1.155	13.94	15.52
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.417	3.492					
SDev	.724	2.083					
%RSD	21.19	59.65					
#1	2.905	4.965					
#2	3.929	2.019					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1075	--	--	--	--	--	--
SDev	.4073287	--	--	--	--	--	--
%RSD	.0378840	--	--	--	--	--	--
#1	1075	--	--	--	--	--	--
#2	1075	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32948-A-1-H@5 Operator:
Run Time: 11/09/11 20:11:11
Comment:
Mode: CONC Corr. Factor: 1
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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	90.68	35.11	3.575	279.5	-.0110	1.567	102600.
SDev	9.55	.15	1.486	.5	.0361	.137	41.
%RSD	10.53	.4229	41.57	.1739	327.6	8.745	.0401
#1	83.93	35.22	4.625	279.9	-.0365	1.470	102600.
#2	97.44	35.01	2.524	279.2	.0145	1.664	102600.

Errors High Low	LC Pass 250000. -200.0	LC Pass 2000. -10.00	LC Pass 10000. -10.00	LC Pass 20000. -20.00	LC Pass 2000. -5.000	LC Pass 5000. -5.000	LC Pass 250000. -500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	7.557	10.48	1.681	161.2	4449.	1208.	32.08
SDev	.092	.16	.381	12.9	6.	.	.08
%RSD	1.220	1.521	22.69	7.998	.1417	.0235	.2483
#1	7.492	10.37	1.411	152.1	4453.	1208.	32.02
#2	7.622	10.60	1.950	170.3	4444.	1208.	32.13
Errors High Low	LC Pass 10000. -10.00	LC Pass 5000. -10.00	LC Pass 25000. -10.00	LC Pass 200000. -150.0	LC Pass 250000. -500.0	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	4677.	.2468	222.4	3.908	H273200.	.8449	1.445
SDev	6.	.3218	1.1	1.653	268.	2.051	.138
%RSD	.1292	130.4	.4968	42.29	.0980	242.7	9.522
#1	4681.	.0192	221.6	5.077	H273400.	2.295	1.348
#2	4673.	.4743	223.2	2.739	H273000.	-.6051	1.542
Errors High Low	LC Pass 100000. -1000.	LC Pass 2500. -10.00	LC Pass 20000. -5.000	LC Pass 10000. -5.000	LC High 250000. -1000.	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	883.5	34.54	-.0757	3.253	.4652	221.7	222.8
SDev	1.1	.05	.4522	1.612	.1074	1.7	.8
%RSD	.1293	.1451	597.3	49.57	23.09	.7448	.3736
#1	884.3	34.58	.2440	2.113	.3892	220.5	222.2
#2	882.7	34.51	-.3955	4.393	.5411	222.8	223.4
Errors High Low	LC Pass 5000. -30.00	LC Pass 2000. -10.00	LC Pass 5000. -10.00	LC Pass 2000. -10.00	LC Pass 20000. -10.00	NOCHECK	NOCHECK
Elem Units	1960/1 ppb	1960/2 ppb	Analysis Report				11/09/11 08:17:15
Avge	4.579	3.563					
SDev	2.747	1.106					
%RSD	60.00	31.04					
PM	page 35						
#1	6.522	4.345					
#2	2.637	2.781					
Errors High Low	NOCHECK	NOCHECK					
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	1.595220	--	--	--	--	--	--
%RSD	.1462334	--	--	--	--	--	--
#1	1090	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846		Sample Name: 460-32838-A-1-F@5			Operator:		
Run Time: 11/09/11		20:17:18					
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avg	43.85	.4984	1.870	29.26	-.1392	2.029	3270.	
SDev	27.87	.0472	.181	.23	.0236	.065	4.	
%RSD	63.56	9.475	9.660	.7839	16.94	3.203	.1362	
#1	24.14	.4650	1.743	29.10	-.1225	1.983	3267.	
#2	63.55	.5318	1.998	29.42	-.1559	2.075	3274.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	Analysis
Report			11/09/11 08:23:22 PM			page 37		
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avg	1.025	8.456	6.739	8.778	913.0	71.25	1.467	
SDev	.200	.385	.051	9.916	5.8	.37	.859	
%RSD	19.51	4.556	.7625	113.0	.6404	.5195	58.57	
#1	1.166	8.184	6.775	15.79	908.9	70.99	.8597	
#2	.8834	8.728	6.703	1.766	917.2	71.51	2.075	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avg	1420.	.5466	280.7	2.539	H264400.	-.4591	.4735	
SDev	8.	.3900	1.1	.247	2274.	3.0833	.2044	
%RSD	.5801	71.35	.3972	9.716	.8599	671.6	43.17	
#1	1414.	.8224	279.9	2.364	H262800.	-2.639	.6180	
#2	1426.	.2708	281.5	2.713	H266000.	1.721	.3289	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avg	2955.	29.29	-.4879	3.307	1.425	280.3	280.9	
SDev	1.	.67	.6453	.395	.020	.8	1.2	
%RSD	.0495	2.294	132.3	11.95	1.387	.3030	.4448	
#1	2954.	28.82	-.9442	3.028	1.439	279.7	280.0	
#2	2956.	29.77	-.0316	3.586	1.411	280.9	281.8	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avg	4.718	1.441						
SDev	.118	.429						
%RSD	2.500	29.75						
#1	4.802	1.138						
#2	4.635	1.744						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avg	1103	--	--	--	--	--	--	
Report								Analysis
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SDev	5.668162	--	--	--	--	--	--	
%RSD	.5138114	--	--	--	--	--	--	
#1	1107	--	--	--	--	--	--	
#2	1099	--	--	--	--	--	--	

Method: SW846		Sample Name: 460-32838-A-3-F@5			Operator:			
Run Time: 11/09/11		20:23:25						
Comment:								
Mode: CONC		Corr. Factor: 1						
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	54.06	2.845	-1.896	49.56	-.2416	1.632	230400.	
SDev	24.88	1.246	.907	.06	.0057	.180	102.	
%RSD	46.03	43.81	47.87	.1142	2.343	11.02	.0443	
#1	36.46	1.964	-2.537	49.52	-.2456	1.505	230500.	
#2	71.65	3.726	-1.254	49.60	-.2376	1.759	230400.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-1.580	89.17	148.0	124.0	22340.	139.4	27.62	
SDev	.569	.39	1.4	11.4	63.	.2	.04	
%RSD	36.01	.4359	.9452	9.188	.2836	.1354	.1291	
#1	-1.983	89.45	149.0	132.0	22380.	139.5	27.64	
#2	-1.178	88.90	147.1	115.9	22290.	139.2	27.59	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Report	11/09/11 08:29:30 PM						page 40	Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	5223.	.2903	261.7	3.566	H292500.	1.183	.3155	
SDev	50.	.1131	.8	2.338	472.	1.813	.2218	
%RSD	.9553	38.95	.3104	65.58	.1615	153.2	70.30	
#1	5259.	.3703	262.3	1.912	H292800.	2.465	.4723	
#2	5188.	.2104	261.1	5.219	H292200.	-.0989	.1587	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1564.	201.2	4.538	3.944	.6837	258.4	263.4	
SDev	.	.9	.713	3.689	.1906	2.8	2.6	
%RSD	.0310	.4250	15.71	93.52	27.88	1.069	.9852	
#1	1564.	201.8	5.043	1.336	.5489	256.4	265.2	
#2	1563.	200.6	4.034	6.553	.8185	260.3	261.5	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	5.866	2.408						
SDev	3.525	1.746						
%RSD	60.09	72.53						
#1	3.374	1.173						
#2	8.358	3.642						
Errors	NOCHECK	NOCHECK						

High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1079	--	--	--	--	--	--
SDev	.4412512	--	--	--	--	--	--
%RSD	.0408775	--	--	--	--	--	--
#1	1079	--	--	--	--	--	--
#2	1080	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/09/11 20:29:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126600.	1024.	5061.	10110.	1010.	2516.	125700.
SDev	61.	2.	.	25.	1.	6.	28.
%RSD	.0480	.2026	.0043	.2428	.1013	.2554	.0223

#1	126600.	1023.	5061.	10120.	1011.	2512.	125700.
#2	126600.	1026.	5061.	10090.	1009.	2521.	125700.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5063.	2509.	12600.	100400.	126000.	5057.	2516.
SDev	2.	1.	2.	136.	35.	5.	4.
%RSD	.0387	.0278	.0129	.1352	.0276	.0920	.1407

#1	5061.	2508.	12600.	100500.	126000.	5054.	2514.
#2	5064.	2509.	12600.	100300.	126000.	5060.	2519.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49160.	1261.	10060.	5073.	124800.	5033.	2513.
SDev	43.	2.	30.	4.	50.	25.	2.
%RSD	.0872	.1274	.3013	.0825	.0401	.5005	.0726

#1	49130.	1262.	10040.	5070.	124800.	5015.	2512.
#2	49190.	1259.	10080.	5076.	124900.	5051.	2515.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem Report Zn2062 B_2496 Mo2020 11/09/11 08:35:38 PM Sn1899 Ti3349 2203/1 page 43 2203/2 ☐Analysis

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2487.	1014.	2522.	1002.	10050.	10040.	10070.
SDev	7.	3.	7.	2.	3.	13.	39.
%RSD	.2764	.3434	.2973	.2257	.0323	.1269	.3881

#1	2482.	1012.	2516.	1004.	10050.	10040.	10040.
#2	2491.	1017.	2527.	1001.	10050.	10050.	10100.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	5072.	5073.
SDev	17.	2.
%RSD	.3392	.0456

#1	5060.	5075.
#2	5085.	5072.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1078	--	--	--	--	--	--
SDev	.9842699	--	--	--	--	--	--
%RSD	.0913452	--	--	--	--	--	--

#1	1077	--	--	--	--	--	--
#2	1078	--	--	--	--	--	--

□□

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Method: SW846 Sample Name: CCB

Operator:

Run Time: 11/09/11 20:35:41

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.52	.4829	.4412	-.6865	-.1526	-.1607	-4.542
SDev	20.87	1.274	1.386	.0000	.0044	.1091	2.328
%RSD	92.68	263.9	314.1	.0000	2.879	67.89	51.26

#1	7.763	-.4182	-.5387	-.6865	-.1557	-.0835	-6.188
#2	37.28	1.384	1.421	-.6865	-.1495	-.2378	-2.896

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6364	-.0589	-1.911	8.691	5.034	-.3952	-.1339
SDev	.3798	.0005	.262	4.905	4.566	.1284	.1469
%RSD	59.67	.8657	13.69	56.43	90.70	32.49	109.7

#1	.3679	-.0586	-2.097	5.223	1.805	-.4860	-.0301
#2	.9050	-.0593	-1.726	12.16	8.263	-.3044	-.2378

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.05	.1737	-4.840	.3276	-63.01	5.964	.2723
SDev	5.81	.1549	.012	.4792	118.37	1.868	.2090
%RSD	17.58	89.15	.2451	146.3	187.8	31.32	76.73

#1	28.94	.2833	-4.832	.6664	-146.7	7.284	.1246
#2	37.16	.0642	-4.848	-.0113	20.69	4.643	.4201

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.769	.5080	-.1736	-.2675	-.5327	-5.410	-4.560
SDev	.225	.4616	.2818	2.3867	.1320	1.005	.484
%RSD	12.70	90.87	162.3	892.3	24.79	18.57	10.61

#1	1.928	.1816	.0257	1.420	-.6260	-4.699	-4.902
#2	1.610	.8345	-.3729	-1.955	-.4393	-6.120	-4.218

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2	Analysis Report				11/09/11 08:41:47
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Units	ppb	ppb
Avge	-.7954	.8787
SDev	.0595	.6886
%RSD	7.483	78.37

#1	-.7533	1.366
#2	-.8375	.3918

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	.4411649	--	--	--	--	--	--
%RSD	.0396494	--	--	--	--	--	--
#1	1113	--	--	--	--	--	--
#2	1112	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32839-A-8-B DU@1 Operator:
Run Time: 11/09/11 20:41:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21770.	1.327	9.022	190.2	1.603	1.561	4713.
SDev	242.	1.276	.521	2.1	.035	.194	65.
%RSD	1.111	96.15	5.776	1.090	2.174	12.42	1.379
#1	21940.	2.229	9.390	191.7	1.627	1.698	4759.
#2	21600.	.4248	8.653	188.7	1.578	1.424	4667.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.81	22.80	50.28	53760.	9138.	1450.	48.83
SDev	.44	.64	1.49	786.	122.	19.	.66
%RSD	1.036	2.818	2.970	1.462	1.339	1.335	1.357
#1	43.12	23.25	51.33	54310.	9225.	1464.	49.30
#2	42.49	22.35	49.22	53200.	9052.	1437.	48.36

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3283.	-.2156	119.2	2.706	-430.4	.0091	51.08
SDev	67.	1.0548	2.0	3.316	217.3	2.727	1.48
%RSD	2.044	489.3	1.641	122.5	50.49	29910.	2.891
#1	3331.	.5303	120.6	5.051	-276.7	1.937	52.12
#2	3236.	-.9615	117.9	.3613	-584.0	-1.919	50.03

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.

Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3166.	13.59	.8924	4.224	567.0	120.7	118.5
SDev	58.	.91	1.455	.031	7.6	6.3	6.1
%RSD	1.822	6.717	163.1	.7392	1.336	5.261	5.149
#1	3207.	14.24	1.921	4.202	572.4	116.2	122.8
#2	3125.	12.95	-.1367	4.247	561.7	125.2	114.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.364	1.370					
SDev	.836	5.389					
%RSD	15.59	393.4					
#1	4.773	5.181					
#2	5.955	-2.441					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1123	--	--	--	--	--	--
SDev	.8825024	--	--	--	--	--	--
%RSD	.0785502	--	--	--	--	--	--
#1	1124	--	--	--	--	--	--
#2	1123	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32839-A-8-A@10 Operator:
Run Time: 11/09/11 20:47:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22140.	1.053	7.168	185.0	1.620	1.708	4481.
SDev	34.	.848	3.804	.4	.026	.083	17.
%RSD	.1542	80.51	53.08	.2391	1.579	4.856	.3802
#1	22160.	1.652	9.858	185.4	1.638	1.767	4493.
#2	22110.	.4534	4.477	184.7	1.602	1.650	4469.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.62	25.76	62.59	60510.	9120.	1540.	52.18
SDev	.28	.23	.32	225.	18.	5.	.61
%RSD	.6203	.8842	.5040	.3718	.2010	.3317	1.172
#1	44.43	25.92	62.36	60670.	9133.	1544.	52.61
#2	44.82	25.60	62.81	60350.	9107.	1536.	51.75

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3007.	.5840	110.0	4.931	-240.3	2.077	56.68
SDev	11.	.1048	.1	2.704	2.7	2.548	.22
%RSD	.3799	17.95	.1219	54.84	1.126	122.7	.3961
#1	3015.	.5098	110.0	3.019	-242.3	.2755	56.84
#2	2999.	.6581	109.9	6.843	-238.4	3.879	56.53
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2919.	26.25	1.335	4.891	697.5	109.8	110.0
SDev	18.	.50	.039	.822	2.3	.9	.6
%RSD	.6052	1.892	2.925	16.82	.3251	.8022	.5822
#1	2932.	26.60	1.308	5.472	699.1	109.2	110.5
#2	2907.	25.90	1.363	4.309	695.9	110.4	109.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.278	4.249					
SDev	5.776	1.171					
%RSD	91.99	27.56					
#1	2.194	3.421					
#2	10.36	5.077					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1121	--	--	--	--	--	--
SDev	.9164249	--	--	--	--	--	--
%RSD	.0817460	--	--	--	--	--	--
#1	1122	--	--	--	--	--	--
#2	1120	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-32839-A-8-A@5 Operator:

Run Time: 11/09/11 20:54:06

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4684.	-.7596	.4346	38.31	.1950	.2806	939.4
SDev	32.	.0201	.9891	.09	.0378	.0519	2.4
%RSD	.6779	2.646	227.6	.2422	19.39	18.48	.2579
#1	4661.	-.7454	1.134	38.37	.2217	.2439	941.1
#2	4706.	-.7738	-.2648	38.24	.1682	.3172	937.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.331	5.142	11.11	12790.	1926.	325.8	10.82
SDev	.685	.181	.42	17.	3.	.1	.08
%RSD	7.338	3.514	3.820	.1306	.1512	.0322	.7852
#1	9.815	5.015	10.81	12810.	1928.	325.7	10.88
#2	8.846	5.270	11.41	12780.	1924.	325.9	10.76

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	10000.	5000.	25000.	200000.	250000.	10000.	5000.
	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	633.1	.0560	19.52	1.478	-112.5	2.961	12.17
%RSD	5.7	.3301	1.01	1.905	101.6	.539	.17
	.8979	589.0	5.188	128.9	90.26	18.21	1.358
#1	637.1	-.1773	18.81	2.825	-40.71	3.343	12.05
#2	629.1	.2894	20.24	.1305	-184.4	2.580	12.29

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Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	100000.	2500.	20000.	10000.	250000.	10000.	5000.
	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	623.7	5.499	.4184	2.246	146.0	18.23	20.16
%RSD	2.4	1.223	.4739	.535	.0	1.73	.65
	.3770	22.23	113.3	23.81	.0230	9.506	3.239
#1	625.4	6.364	.0832	1.868	146.0	17.01	19.70
#2	622.1	4.635	.7535	2.625	146.1	19.46	20.62
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Low	5000.	2000.	5000.	2000.	20000.		
	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1	1960/2					
Avge	ppb	ppb					
SDev	.4455	1.984					
%RSD	3.935	.892					
	883.2	44.97					
#1	3.228	2.614					
#2	-2.337	1.353					
Errors High	NOCHECK	NOCHECK					
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1096	--	--	--	--	--	--
SDev	1.663151	--	--	--	--	--	--
%RSD	.1516997	--	--	--	--	--	--
#1	1098	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32839-A-8-C MS@1 Operator:
Run Time: 11/09/11 21:00:14
Comment:
Mode: CONC Corr. Factor: 1

Elem Units	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	25480.	50.10	378.7	570.8	10.75	11.32	8385.
%RSD	85.	1.11	2.0	2.0	.01	.14	3.
	.3355	2.210	.5276	.3485	.1388	1.264	.0335
#1	25540.	50.89	380.1	572.2	10.76	11.22	8383.
#2	25420.	49.32	377.3	569.4	10.74	11.42	8387.
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	250000.	2000.	10000.	20000.	2000.	5000.	250000.
	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	80.72	115.3	96.23	46730.	11910.	1496.	141.4	
SDev	.16	.1	.26	27.	58.	2.	.3	
%RSD	.2036	.1026	.2694	.0573	.4835	.1452	.2277	
#1	80.60	115.4	96.41	46750.	11950.	1498.	141.6	
#2	80.83	115.2	96.05	46710.	11870.	1494.	141.2	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	7106.	9.812	190.3	363.8	3544.	377.9	149.5	
SDev	37.	.145	1.1	1.2	33.	2.2	.7	
%RSD	.5187	1.483	.5678	.3385	.9437	.5693	.4750	
#1	7132.	9.915	191.1	364.7	3567.	379.4	150.0	
#2	7080.	9.709	189.6	362.9	3520.	376.4	149.0	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2436.	108.8	89.60	93.96	796.3	187.1	192.0	
SDev	.	1.4	.20	.90	2.2	.9	1.1	
%RSD	.0138	1.269	.2288	.9557	.2727	.5048	.5985	
#1	2436.	109.8	89.74	93.32	797.8	187.7	192.8	Analysis
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#2	2436.	107.8	89.45	94.59	794.8	186.4	191.2	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	362.0	364.7						
SDev	4.3	.3						
%RSD	1.201	.0890						
#1	365.1	364.4						
#2	358.9	364.9						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1154	--	--	--	--	--	--	
SDev	2.851042	--	--	--	--	--	--	
%RSD	.2470539	--	--	--	--	--	--	
#1	1152	--	--	--	--	--	--	
#2	1156	--	--	--	--	--	--	

Method:	SW846	Sample Name:	PDS 460-32839-A-8-A	Operator:				
Run Time:	11/09/11 21:06:23							
Comment:								
Mode:	CONC	Corr. Factor:	1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	24310.	507.3	2068.	2300.	53.62	54.84	26040.
SDev	36.	23.9	71.	41.	1.14	2.25	441.
%RSD	.1462	4.717	3.437	1.785	2.128	4.110	1.692
#1	24340.	490.4	2018.	2271.	52.82	53.25	25730.
#2	24290.	524.2	2118.	2329.	54.43	56.44	26350.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	258.8	548.5	322.6	61640.	29250.	2080.	572.8
SDev	3.9	10.5	5.0	203.	404.	8.	18.0
%RSD	1.491	1.911	1.551	.3289	1.381	.3871	3.139
#1	256.1	541.1	319.1	61780.	28960.	2074.	560.1
#2	261.5	556.0	326.2	61500.	29530.	2085.	585.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23580.	43.24	627.1	1977.	19860.	2054.	577.9
SDev	775.	.77	30.0	114.	623.	97.	11.7
%RSD	3.286	1.778	4.785	5.789	3.137	4.726	2.029
#1	23030.	42.69	605.9	1896.	19420.	1985.	569.6
#2	24130.	43.78	648.3	2058.	20310.	2123.	586.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3436.	536.5	514.9	528.8	1232.	640.1	620.6
SDev	6.	21.3	18.1	9.6	9.	10.6	39.7
%RSD	.1683	3.969	3.512	1.821	.7225	1.649	6.400
#1	3432.	521.4	502.1	522.0	1226.	632.6	592.6
#2	3440.	551.5	527.7	535.6	1238.	647.6	648.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2039.	1946.					
SDev	45.	149.					
%RSD	2.219	7.657					
#1	2007.	1841.	Analysis Report				11/09/11 09:12:28
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#2	2071.	2051.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	1.018192	--	--	--	--	--	--
%RSD	.0914561	--	--	--	--	--	--
#1	1113	--	--	--	--	--	--

#2	1114	--	--	--	--	--	--

Method: SW846		Sample Name: 460-33291-A-1-F@4			Operator:		
Run Time: 11/09/11		21:12:31					
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34680.	.8563	61.32	226.4	2.110	4.694	104400.
SDev	308.	1.330	1.37	1.6	.028	.036	633.
%RSD	.8883	155.3	2.237	.6930	1.334	.7653	.6063
#1	34890.	-.0838	62.29	227.5	2.130	4.669	104800.
#2	34460.	1.797	60.35	225.3	2.090	4.719	103900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	202.8	23.94	512.0	79570.	16770.	1198.	86.64
Report	11/09/11 09:18:35 PM						page 62
SDev	1.2	.14	3.9	492.	152.	9.	2.22
%RSD	.5709	.5768	.7710	.6184	.9036	.7570	2.562
#1	203.7	24.03	514.7	79920.	16880.	1204.	88.21
#2	202.0	23.84	509.2	79230.	16660.	1191.	85.07
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7357.	7.525	363.8	9.854	20270.	4.531	103.3
SDev	23.	.263	3.2	3.834	230.	2.460	.5
%RSD	.3071	3.490	.8790	38.91	1.134	54.30	.4662
#1	7373.	7.339	366.1	7.143	20430.	2.791	103.6
#2	7341.	7.710	361.6	12.56	20100.	6.270	102.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	709.5	70.52	2.182	59.82	1065.	362.4	364.5
SDev	3.6	.53	.107	1.03	7.	1.8	3.9
%RSD	.5044	.7541	4.900	1.717	.6901	.5004	1.067
#1	712.1	70.89	2.258	59.09	1070.	363.6	367.3
#2	707.0	70.14	2.107	60.54	1060.	361.1	361.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	8.672	10.43					
SDev	1.997	4.75					
%RSD	23.03	45.53					
#1	7.260	7.075					
#2	10.08	13.79					
Errors	NOCHECK	NOCHECK					
High							
Low							

Analysis

Analysis

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1147	--	--	--	--	--	--
SDev	3.156517	--	--	--	--	--	--
%RSD	.2752591	--	--	--	--	--	--

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#1	1145	--	--	--	--	--	--
#2	1149	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33293-A-1-F@4 Operator:
Run Time: 11/09/11 21:18:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47810.	.1964	14.15	242.9	1.838	.2979	10750.
SDev	83.	2.005	.38	.6	.006	.0252	8.
%RSD	.1742	1021.	2.704	.2487	.3408	8.444	.0784
#1	47870.	-1.222	14.42	243.3	1.833	.2801	10760.
#2	47750.	1.614	13.88	242.4	1.842	.3157	10750.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	88.02	42.31	109.6	90630.	13410.	1578.	63.80
SDev	.10	.26	.2	129.	33.	1.	.79
%RSD	.1167	.6089	.1580	.1419	.2493	.0437	1.246
#1	88.09	42.49	109.7	90720.	13430.	1578.	63.24
#2	87.95	42.13	109.5	90540.	13390.	1577.	64.36

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4215.	.4602	88.59	3.991	379.0	2.165	180.0

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SDev	27.	.1855	1.01	1.923	40.9	2.787	.0
%RSD	.6300	40.31	1.141	48.19	10.78	128.8	.0003
#1	4234.	.3290	89.30	2.631	407.9	.1938	180.0
#2	4197.	.5914	87.87	5.351	350.1	4.136	180.0

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	194.6	11.18	.4239	7.010	2418.	86.50	89.63
SDev	.8	.22	.5000	1.281	4.	1.51	.76
%RSD	.4070	1.956	118.0	18.27	.1601	1.745	.8501
#1	194.0	11.02	.0703	6.105	2421.	87.56	90.16
#2	195.1	11.33	.7774	7.916	2415.	85.43	89.09

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	.5458	5.702
SDev	3.178	1.297
%RSD	582.2	22.75

#1	-1.701	4.785
#2	2.793	6.619

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1157	--	--	--	--	--	--
SDev	.4751737	--	--	--	--	--	--
%RSD	.0410732	--	--	--	--	--	--
#1	1157	--	--	--	--	--	--
#2	1157	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33292-A-1-F@4 Operator:
Run Time: 11/09/11 21:24:45
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36250.	.2552	32.68	263.1	1.973	7.229	146700.
SDev	200.	.2684	2.12	1.6	.045	.067	1020.
%RSD	.5512	105.2	6.474	.5929	2.277	.9268	.6957
#1	36390.	.4450	34.18	264.2	2.005	7.277	147400.
#2	36110.	.0654	31.19	262.0	1.941	7.182	146000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	350.5	25.38	564.2	69760.	22770.	1299.	96.57
SDev	2.8	.25	4.4	457.	139.	10.	.70
%RSD	.8111	.9766	.7834	.6545	.6092	.7433	.7290
#1	352.5	25.55	567.3	70090.	22870.	1306.	97.07
#2	348.5	25.20	561.0	69440.	22670.	1292.	96.08

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8933.	17.07	433.7	7.015	22500.	.3377	104.0
SDev	69.	.08	2.1	2.512	134.	.9796	1.0
%RSD	.7718	.4618	.4919	35.81	.5957	290.1	.9154
#1	8982.	17.12	435.2	5.239	22590.	1.030	104.7
#2	8885.	17.01	432.2	8.791	22400.	-.3550	103.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report							

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Avge	827.5	73.31	4.922	47.43	1291.	427.5	436.9
SDev	5.2	.28	1.191	.27	10.	.0	3.2
%RSD	.6282	.3776	24.19	.5635	.7537	.0013	.7316

#1	831.1	73.50	5.763	47.62	1298.	427.5	439.1
#2	823.8	73.11	4.080	47.24	1284.	427.4	434.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.886	8.568					
SDev	.662	4.096					
%RSD	17.04	47.81					
#1	4.355	5.671					
#2	3.418	11.46					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1140	--	--	--	--	--	--
SDev	.7466398	--	--	--	--	--	--
%RSD	.0654699	--	--	--	--	--	--
#1	1140	--	--	--	--	--	--
#2	1141	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33304-E-1-A@4 Operator:
Run Time: 11/09/11 21:30:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38440.	-2.558	27.99	531.5	3.978	4.469	27590.
SDev	126.	1.747	.12	1.1	.037	.233	60.
%RSD	.3285	68.30	.4293	.2003	.9255	5.204	.2166
#1	38350.	-3.794	28.08	530.7	3.952	4.305	27550.
#2	38530.	-1.323	27.91	532.2	4.004	4.634	27630.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1635.	28.48	592.4	61930.	11090.	1784.	118.4
SDev	4.	.18	1.3	111.	39.	4.	.9
%RSD	.2460	.6382	.2131	.1796	.3548	.2336	.7655
#1	1632.	28.35	591.5	61860.	11060.	1781.	117.8
#2	1638.	28.60	593.3	62010.	11120.	1787.	119.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4134.	4.091	615.7	3.945	517.6	1.998	124.0
SDev	8.	.513	1.0	.674	19.4	.502	.5
%RSD	.2034	12.53	.1580	17.07	3.738	25.13	.3926
#1	4129.	3.728	615.0	4.421	503.9	1.643	123.7
#2	4140.	4.453	616.4	3.468	531.3	2.353	124.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2166.	15.26	3.485	15.56	675.2	609.6	618.8
SDev	12.	.29	.064	1.21	1.7	.6	1.7
%RSD	.5476	1.911	1.824	7.780	.2464	.0924	.2811
#1	2158.	15.05	3.530	16.42	674.0	610.0	617.6
#2	2174.	15.46	3.440	14.71	676.3	609.2	620.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				11/09/11 09:36:57
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Units	ppb	ppb					
Avge	.5948	5.608					
SDev	1.965	.029					
%RSD	330.3	.5152					
#1	1.984	5.628					
#2	-.7945	5.587					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1139	--	--	--	--	--	--
SDev	.7127174	--	--	--	--	--	--
%RSD	.0625942	--	--	--	--	--	--
#1	1139	--	--	--	--	--	--
#2	1138	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33305-E-1-B@4 Operator:
Run Time: 11/09/11 21:37:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35980.	-.2585	17.99	459.5	3.822	3.225	59740.
SDev	134.	1.2784	2.10	2.9	.048	.218	642.
%RSD	.3734	494.6	11.70	.6382	1.249	6.773	1.074
#1	36080.	.6455	16.50	461.6	3.856	3.379	60190.
#2	35890.	-1.162	19.47	457.4	3.788	3.070	59280.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	789.6	31.08	339.9	66970.	11430.	1906.	93.36
SDev	8.3	.35	1.3	628.	58.	18.	.62
%RSD	1.054	1.133	.3969	.9380	.5119	.9591	.6613
#1	795.4	31.33	340.9	67410.	11470.	1919.	93.80
#2	783.7	30.83	339.0	66530.	11380.	1893.	92.92
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6278.	4.267	380.9	7.067	685.9	8.618	115.0

SDev	21.	.028	3.3	5.322	41.4	3.001	.9
%RSD	.3396	.6576	.8706	75.30	6.039	34.83	.7817
#1	6293.	4.247	383.2	10.83	656.6	6.496	115.6
#2	6263.	4.287	378.5	3.304	715.2	10.74	114.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1250.	15.99	2.942	9.316	836.9	372.5	385.0
SDev	6.	.72	.361	1.562	6.8	9.9	.0
%RSD	.4756	4.482	12.27	16.76	.8132	2.665	.0036
#1	1254.	16.49	3.197	8.212	841.7	379.6	385.0
#2	1246.	15.48	2.686	10.42	832.0	365.5	385.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.650	7.765					
SDev	5.164	5.400					
%RSD	91.40	69.54					
#1	9.302	11.58					
#2	1.998	3.947					
Errors	NOCHECK	NOCHECK					
High							
Low							

□□ Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1138	--	--	--	--	--	--
SDev	1.798927	--	--	--	--	--	--
%RSD	.1581436	--	--	--	--	--	--
#1	1139	--	--	--	--	--	--
#2	1136	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/09/11 21:43:08
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126400.	1022.	5070.	10070.	1015.	2533.	126800.
SDev	64.	.	7.	1.	.	5.	36.
%RSD	.0506	.0151	.1402	.0124	.0479	.2016	.0287
#1	126400.	1022.	5065.	10070.	1016.	2530.	126700.
#2	126500.	1022.	5075.	10070.	1015.	2537.	126800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5089.	2522.	12550.	101000.	125900.	5080.	2527.
SDev	2.	1.	8.	22.	107.	.	6.
%RSD	.0323	.0321	.0618	.0219	.0846	.0092	.2337
#1	5087.	2522.	12550.	101000.	125800.	5080.	2523.
#2	5090.	2521.	12560.	101000.	126000.	5080.	2531.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48990.	1263.	10110.	5047.	124900.	5070.	2515.
SDev	294.	.	28.	1.	53.	30.	1.
%RSD	.6011	.0176	.2761	.0296	.0428	.5886	.0257
#1	48780.	1262.	10090.	5048.	124900.	5049.	2516.
#2	49200.	1263.	10130.	5046.	124900.	5091.	2515.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2513.	1012.	2530.	1009.	10030.	10070.	10120.
SDev	3.	4.	10.	2.	3.	11.	47.
%RSD	.1132	.3485	.3895	.1903	.0333	.1097	.4678
#1	2511.	1009.	2523.	1007.	10020.	10080.	10090.
#2	2515.	1014.	2537.	1010.	10030.	10060.	10160.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5029.	5056.					
SDev	1.	2.					
%RSD	.0180	.0354					
#1	5030.	5057.					
#2	5029.	5055.					

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1083	--	--	--	--	--	--
SDev	1.052115	--	--	--	--	--	--
%RSD	.0971223	--	--	--	--	--	--
#1	1083	--	--	--	--	--	--
#2	1084	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/09/11 21:49:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.410	-1.481	-1.652	-.5795	-.1422	.0302	.3540
SDev	57.31	1.530	1.153	.0002	.0266	.1235	7.819
%RSD	894.0	103.3	69.83	.0358	18.70	408.5	2209.
#1	-34.11	-2.562	-.8361	-.5796	-.1610	-.0571	-5.175
#2	46.93	-.3993	-2.467	-.5793	-.1234	.1175	5.883
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4779	.1166	.7525	5.192	11.89	-.0546	-.3615
SDev	.3507	.2568	.2802	7.405	13.29	.4334	.3978
%RSD	73.38	220.3	37.23	142.6	111.8	794.3	110.0
#1	.2299	-.0650	.5544	-.0436	2.494	-.3611	-.0802
#2	.7258	.2981	.9506	10.43	21.29	.2519	-.6428
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.11	.1258	-4.437	1.696	-65.87	4.406	.3347
SDev	3.44	.0574	1.110	1.317	3.38	.484	.5683
%RSD	14.25	45.63	25.01	77.64	5.133	10.99	169.8
#1	21.68	.0852	L-5.221	.7650	-68.26	4.748	-.0671
#2	26.54	.1664	-3.652	2.628	-63.48	4.063	.7366

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Analysis

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.124	-.3553	.8374	1.461	.1614	-6.270	-3.525
SDev	.621	.9896	.0177	2.777	.6422	.189	1.569
%RSD	55.29	278.5	2.114	190.1	397.9	3.013	44.51
#1	.6845	-1.055	.8499	3.425	-.2927	-6.404	-4.635
#2	1.563	.3444	.8249	-.5029	.6154	-6.137	-2.416
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.4019	2.734					
SDev	1.6092	1.171					
%RSD	400.4	42.83					
#1	-1.540	1.906					
#2	.7360	3.563					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1101	--	--	--	--	--	--
SDev	2.138238	--	--	--	--	--	--
%RSD	.1942088	--	--	--	--	--	--
#1	1103	--	--	--	--	--	--
#2	1099	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33158-A-10-E@4 Operator:
Run Time: 11/09/11 21:55:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42940.	-2.071	13.51	462.2	2.093	.4743	89420.
SDev	259.	1.751	.53	2.6	.036	.0255	64.

%RSD	.6035	84.55	3.942	.5615	1.717	5.375	.0717
#1	43120.	-3.310	13.14	464.0	2.068	.4563	89370.
#2	42760.	-.8330	13.89	460.4	2.119	.4924	89460.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	86.68	25.30	94.04	70450.	22350.	1245.	56.77
SDev	.01	.28	.32	6.	102.	.	.45
%RSD	.0157	1.093	.3427	.0086	.4565	.0250	.7852
#1	86.69	25.49	94.27	70450.	22420.	1245.	57.08
#2	86.67	25.10	93.81	70440.	22280.	1245.	56.45
Errors High	LC Pass 100000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	3772.	.5451	437.6	5.257	755.0	3.234	133.7
SDev	4.	.2753	.9	1.257	19.3	3.538	.0
%RSD	.1038	50.51	.2107	23.92	2.557	109.4	.0290
#1	3769.	.3504	436.9	4.368	741.3	.7320	133.7
#2	3774.	.7398	438.2	6.146	768.6	5.735	133.6
Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	279.2	14.12	9.021	9.358	1223.	433.2	439.7
SDev	.7	.31	.995	.983	3.	.0	1.4
%RSD	.2548	2.206	11.03	10.51	.2361	.0107	.3195
#1	278.7	14.35	9.725	10.05	1225.	433.2	438.8
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#2	279.7	13.90	8.317	8.663	1221.	433.2	440.7
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	4.902	5.425					
SDev	5.158	.690					
%RSD	105.2	12.72					
#1	1.255	5.913					
#2	8.550	4.937					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1151	--	--	--	--	--	--
SDev	2.002462	--	--	--	--	--	--
%RSD	.1739952	--	--	--	--	--	--
#1	1152	--	--	--	--	--	--
#2	1149	--	--	--	--	--	--

Method: SW846

Sample Name: 460-33158-A-11-E@4

Operator:

Run Time: 11/09/11 22:01:30
 Comment:
 Mode: CONC Corr. Factor: 1

Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
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Avge	46750.	-.5953	7.425	446.5	2.966	.0330	22050.	
SDev	1878.	1.9571	.853	17.5	.085	.0918	748.	
%RSD	4.017	328.8	11.49	3.909	2.850	278.4	3.391	
#1	45420.	-1.979	6.822	434.1	2.906	-.0319	21520.	
#2	48080.	.7886	8.029	458.8	3.026	.0979	22580.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	82.10	25.78	68.55	63590.	8681.	282.7	53.75	
SDev	2.95	1.33	3.23	2285.	353.	10.3	1.03	
%RSD	3.597	5.145	4.709	3.594	4.071	3.653	1.912	
#1	80.01	24.84	66.27	61970.	8431.	275.4	53.02	
#2	84.19	26.72	70.84	65200.	8931.	290.0	54.48	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1262.	.3893	104.8	2.594	452.4	3.348	125.5	
SDev	74.	.2215	1.6	1.092	38.1	2.366	4.9	
%RSD	5.832	56.89	1.573	42.09	8.429	70.67	3.909	
#1	1210.	.5459	103.6	3.366	479.4	5.021	122.0	
#2	1314.	.2327	105.9	1.822	425.5	1.675	128.9	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	156.4	4.455	-.0368	4.287	832.8	102.0	106.1	
SDev	4.8	.112	.8241	2.200	31.3	1.4	1.8	
%RSD	3.074	2.512	2242.	51.34	3.753	1.332	1.688	
#1	153.0	4.376	-.6195	2.731	810.7	101.1	104.9	
#2	159.8	4.534	.5460	5.843	854.9	103.0	107.4	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	2.613	2.576						
SDev	2.312	.483						
%RSD	88.46	18.75						
#1	4.248	2.917	Analysis Report				11/09/11 10:07:35	
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#2	.9788	2.234						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1160	--	--	--	--	--	--
SDev	31.70103	--	--	--	--	--	--
%RSD	2.731793	--	--	--	--	--	--
#1	1183	--	--	--	--	--	--
#2	1138	--	--	--	--	--	--

Method: SW846		Sample Name: 460-33295-A-1-E@4			Operator:		
Run Time: 11/09/11		22:07:38					
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43540.	3.073	90.04	346.1	2.491	6.928	139000.
SDev	157.	1.549	.32	.6	.018	.574	121.
%RSD	.3606	50.39	.3580	.1789	.7125	8.292	.0873
#1	43650.	4.168	89.81	346.5	2.478	7.334	139100.
#2	43430.	1.978	90.27	345.7	2.503	6.521	138900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	296.1	29.03	762.2	98430.	20900.	1493.	108.6
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SDev	.0	.22	3.2	157.	105.	3.	.2
%RSD	.0154	.7568	.4177	.1594	.5027	.1801	.1759
#1	296.1	29.18	764.5	98540.	20970.	1495.	108.5
#2	296.2	28.87	760.0	98320.	20820.	1491.	108.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10920.	11.42	463.1	13.99	23000.	-.5259	129.2
SDev	15.	.26	.1	3.16	92.	5.2900	.3
%RSD	.1408	2.284	.0294	22.61	.4009	1006.	.1949
#1	10930.	11.60	463.0	11.76	23060.	-4.266	129.4
#2	10910.	11.23	463.2	16.23	22930.	3.215	129.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	929.4	87.27	5.041	76.10	1448.	460.3	464.5
SDev	2.5	.05	.946	.77	5.	1.2	.8
%RSD	.2719	.0608	18.77	1.011	.3353	.2693	.1772
#1	931.2	87.23	4.372	76.65	1451.	461.1	463.9
#2	927.6	87.31	5.710	75.56	1444.	459.4	465.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	14.28	13.84					
SDev	3.40	3.05					
%RSD	23.80	22.02					

#1	11.87	11.69					
#2	16.68	16.00					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1139	--	--	--	--	--	--
SDev	2.274101	--	--	--	--	--	--
%RSD	.1996212	--	--	--	--	--	--

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#1	1138	--	--	--	--	--	--
#2	1141	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33296-A-1-G@4 Operator:
Run Time: 11/09/11 22:13:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39920.	-.6436	36.61	307.3	2.258	9.408	124100.
SDev	329.	.5745	2.65	2.9	.009	.161	438.
%RSD	.8249	89.27	7.234	.9414	.3898	1.706	.3525
#1	40160.	-1.050	38.48	309.4	2.264	9.521	124400.
#2	39690.	-.2373	34.74	305.3	2.252	9.294	123800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	437.6	27.76	658.1	78210.	22950.	1442.	109.4
SDev	2.3	.17	5.2	373.	188.	6.	.2
%RSD	.5155	.6095	.7877	.4773	.8174	.4352	.1616
#1	439.2	27.64	661.8	78470.	23080.	1446.	109.6
#2	436.0	27.88	654.4	77940.	22820.	1437.	109.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10170.	21.95	546.5	7.391	26450.	3.889	118.7

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SDev	156.	.37	.7	2.455	284.	.854	.6
%RSD	1.533	1.679	.1194	33.22	1.073	21.95	.4884
#1	10280.	22.21	546.9	5.655	26650.	3.285	119.1
#2	10060.	21.69	546.0	9.127	26250.	4.493	118.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	958.9	78.24	5.490	61.43	1183.	540.5	549.5
SDev	2.0	.58	.961	.65	7.	2.2	2.1
%RSD	.2105	.7472	17.51	1.054	.5887	.4102	.3795
#1	957.5	78.65	4.810	60.97	1188.	538.9	550.9

#2	960.4	77.83	6.170	61.88	1178.	542.1	548.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.583	8.284					
SDev	8.989	.807					
%RSD	161.0	9.743					
#1	-.7739	8.855					
#2	11.94	7.714					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1136	--	--	--	--	--	--
SDev	6.890061	--	--	--	--	--	--
%RSD	.6062676	--	--	--	--	--	--
#1	1132	--	--	--	--	--	--
#2	1141	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33294-A-1-I@4 Operator:
Run Time: 11/09/11 22:19:55
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42100.	-1.440	12.60	805.7	3.487	.3084	9329.
SDev	14.	1.090	2.69	1.0	.015	.1059	9.
%RSD	.0336	75.66	21.35	.1237	.4340	34.35	.1003
#1	42110.	-2.211	10.70	806.5	3.477	.3833	9322.
#2	42090.	-.6698	14.50	805.0	3.498	.2335	9335.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	86.30	45.91	45.32	94920.	25690.	3487.	96.66
SDev	.14	.43	.58	46.	21.	2.	.54
%RSD	.1660	.9311	1.274	.0489	.0834	.0470	.5536
#1	86.20	45.61	45.73	94880.	25700.	3486.	97.03
#2	86.40	46.22	44.91	94950.	25670.	3488.	96.28
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7672.	.6348	50.17	2.550	205.7	-.8044	97.71
SDev	2.	.1593	.53	.598	9.1	3.6321	.27
%RSD	.0290	25.09	1.066	23.45	4.409	451.5	.2797
#1	7674.	.5221	49.79	2.127	212.1	1.764	97.90
#2	7671.	.7474	50.55	2.972	199.3	-3.373	97.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

Units Report	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
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Avge	216.5	22.86	.7396	4.252	1450.	47.83	51.33	
SDev	.3	1.09	.9665	1.070	.	3.15	.77	
%RSD	.1438	4.768	130.7	25.16	.0215	6.580	1.499	
#1	216.7	23.63	.0562	3.496	1450.	45.60	51.88	
#2	216.3	22.09	1.423	5.009	1449.	50.06	50.79	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	2.198	2.716						
SDev	1.588	1.689						
%RSD	72.26	62.20						
#1	3.321	1.522						
#2	1.075	3.911						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1151	--	--	--	--	--	--	
SDev	1.629142	--	--	--	--	--	--	
%RSD	.1415307	--	--	--	--	--	--	
#1	1150	--	--	--	--	--	--	
#2	1152	--	--	--	--	--	--	

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Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/09/11 22:26:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125800.	1004.	4966.	10020.	990.1	2461.	123100.
SDev	2140.	11.	63.	158.	15.4	27.	1897.
%RSD	1.701	1.117	1.275	1.579	1.554	1.109	1.542
#1	124300.	996.3	4921.	9908.	979.2	2442.	121700.
#2	127300.	1012.	5011.	10130.	1001.	2480.	124400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4966.	2463.	12540.	98490.	125200.	4978.	2463.
SDev	79.	39.	216.	1498.	2183.	82.	27.
%RSD	1.600	1.570	1.721	1.521	1.744	1.656	1.116
#1	4910.	2436.	12390.	97430.	123700.	4919.	2443.
#2	5022.	2490.	12690.	99550.	126800.	5036.	2482.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49380.	1248.	9915.	4972.	125000.	4962.	2471.
SDev	1047.	20.	110.	59.	1742.	70.	42.
%RSD	2.119	1.594	1.104	1.191	1.394	1.401	1.713

#1	48640.	1234.	9838.	4930.	123800.	4913.	2441.
#2	50120.	1262.	9992.	5014.	126200.	5012.	2501.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2417.	998.3	2480.	983.0	9882.	9925.	9910.
SDev	21.	14.5	30.	16.0	167.	39.	145.
%RSD	.8545	1.455	1.216	1.626	1.686	.3937	1.460
#1	2402.	988.0	2458.	971.7	9764.	9898.	9808.
#2	2432.	1009.	2501.	994.3	9999.	9953.	10010.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2	Analysis Report				11/09/11 10:32:09
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Units	ppb	ppb					
Avge	5005.	4956.					
SDev	33.	72.					
%RSD	.6553	1.462					
#1	4982.	4905.					
#2	5028.	5007.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1088	--	--	--	--	--	--
SDev	15.71474	--	--	--	--	--	--
%RSD	1.444508	--	--	--	--	--	--
#1	1099	--	--	--	--	--	--
#2	1077	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 11/09/11 22:32:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.82	-.3501	-.8823	-.0062	-.1856	.0662	6.376
SDev	25.51	.9972	1.1795	.9620	.0556	.2891	4.753
%RSD	69.28	284.8	133.7	15560.	29.94	436.7	74.54
#1	18.78	-1.055	-1.716	-.6865	-.2249	-.1382	3.015
#2	54.86	.3550	-.0482	.6741	-.1463	.2706	9.737

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7449	.1237	-1.067	10.37	17.56	.2000	.0510
SDev	.2007	.2542	.747	2.39	5.40	.2088	.9704
%RSD	26.94	205.5	70.02	23.09	30.76	104.4	1903.
#1	.6030	-.0561	-1.595	8.680	13.74	.0524	-.6352
#2	.8868	.3035	-.5386	12.07	21.38	.3477	.7372

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.24	.1302	-3.568	2.055	-102.5	5.204	.0237
SDev	2.98	.3068	.650	3.151	32.1	3.068	.1404
%RSD	13.40	235.6	18.22	153.3	31.35	58.95	592.0
#1	20.13	.3471	-4.028	-.1733	-125.3	7.373	-.0756
#2	24.35	-.0867	-3.109	4.283	-79.80	3.035	.1230
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5527	-.1824	.3646	2.230	.3997	-3.208	-3.752
SDev	.5123	.8590	.3850	1.070	.3925	.162	1.056
%RSD	92.70	471.0	105.6	47.98	98.18	5.057	28.14
#1	.1904	-.7898	.0923	2.987	.1222	-3.093	-4.499
#2	.9149	.4250	.6369	1.474	.6773	-3.323	-3.006
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.2316	2.956					
SDev	3.274	3.090					
%RSD	1413.	104.5					
#1	-2.083	.7709					
#2	2.547	5.141					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1123	--	--	--	--	--	--
SDev	3.428070	--	--	--	--	--	--
%RSD	.3052904	--	--	--	--	--	--
#1	1120	--	--	--	--	--	--
#2	1125	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-92064/1-A Operator:
Run Time: 11/09/11 22:38:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15.92	-.3355	-.1178	-.5299	-.2172	.1602	3.262
SDev	23.38	.8569	.0634	.2214	.0164	.1452	7.019
%RSD	146.9	255.4	53.87	41.79	7.536	90.65	215.1
#1	-.6125	.2704	-.0729	-.3733	-.2056	.2629	8.226
#2	32.45	-.9414	-.1626	-.6865	-.2288	.0575	-1.701
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3269	-.3424	-1.685	.6312	10.57	-.0763	.3025
SDev	.7182	.2426	.569	5.328	4.78	.1738	.7277
%RSD	219.7	70.86	33.77	844.2	45.22	227.7	240.5
#1	.8347	-.1709	-1.282	4.399	13.95	.0466	-.2120
#2	-.1809	-.5140	-2.087	-3.136	7.190	-.1992	.8171

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-10.34	.6273	-4.473	1.115	-90.97	3.150	.0241
SDev	7.04	.0798	1.477	3.184	47.47	3.917	.1450
%RSD	68.06	12.72	33.02	285.6	52.18	124.3	602.6
#1	-5.362	.5709	-3.429	3.367	-57.41	.3803	.1266
#2	-15.31	.6837	L-5.517	-1.137	-124.5	5.920	-.0785

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.292	-.1705	.6971	2.213	-.2436	-4.392	-4.518
SDev	.126	.7306	.8196	.659	.3602	4.378	.029
%RSD	5.509	428.5	117.6	29.76	147.9	99.68	.6387
#1	2.381	.3461	1.277	1.747	.0111	-1.296	-4.497
#2	2.202	-.6871	.1176	2.679	-.4983	-7.487	-4.538

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.426	2.873
SDev	11.467	.951
%RSD	472.7	33.10
#1	5.683	2.201
#2	-10.53	3.546

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1135	--	--	--	--	--	--
SDev	9.876880	--	--	--	--	--	--
%RSD	.8700380	--	--	--	--	--	--
#1	1128	--	--	--	--	--	--
#2	1142	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-92064/2-A Operator:
 Run Time: 11/09/11 22:44:27
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2011.	497.2	1999.	2029.	49.11	51.16	20360.
SDev	23.	4.7	3.	8.	.42	.52	157.
%RSD	1.130	.9474	.1263	.3865	.8563	1.014	.7689

#1	1995.	493.9	2001.	2024.	48.81	50.80	20250.	
#2	2027.	500.5	1997.	2035.	49.41	51.53	20470.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	2400.	600.0	2400.	2400.	60.00	60.00	24000.	
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	203.8	494.0	247.8	1017.	19180.	518.4	502.0	
SDev	1.4	3.1	.8	5.	69.	3.3	.5	
%RSD	.6779	.6313	.3045	.4988	.3600	.6300	.1049	
#1	202.8	491.7	247.2	1014.	19130.	516.0	502.4	
#2	204.8	496.2	248.3	1021.	19220.	520.7	501.6	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0	
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	19910.	50.89	500.2	1945.	19380.	1993.	499.7	
SDev	21.	.31	2.0	2.	100.	9.	2.6	
%RSD	.1071	.6096	.4003	.1200	.5160	.4605	.5180	
#1	19890.	50.67	498.7	1944.	19310.	1986.	497.8	
#2	19920.	51.11	501.6	1947.	19450.	1999.	501.5	
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	507.3	487.3	506.5	496.4	509.8	496.9	501.8
SDev	1.8	2.7	1.7	.1	2.9	6.4	.2
%RSD	.3525	.5443	.3314	.0114	.5777	1.294	.0415
#1	506.0	485.5	505.3	496.3	507.7	492.4	501.9
#2	508.6	489.2	507.7	496.4	511.9	501.4	501.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	600.0	600.0	600.0	600.0	600.0		
Low	400.0	400.0	400.0	400.0	400.0		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1932.	1952.					
SDev	5.	1.					
%RSD	.2515	.0550					
#1	1929.	1951.					
#2	1936.	1953.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1129	--	--	--	--	--	--
SDev	4.446262	--	--	--	--	--	--
%RSD	.3936612	--	--	--	--	--	--
#1	1133	--	--	--	--	--	--
#2	1126	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32800-A-1-G DU Operator:

Run Time: 11/09/11 22:50:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	72.51	-.4126	9.119	217.8	.2105	-.0259	21230.	
SDev	23.80	2.2652	1.188	.6	.0143	.0946	111.	
%RSD	32.82	549.0	13.03	.2731	6.819	365.2	.5220	
#1	55.68	-2.014	8.278	218.2	.2206	.0410	21300.	
#2	89.34	1.189	9.959	217.4	.2003	-.0928	21150.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.1343	2.757	-1.433	13560.	12790.	250.7	8.188	
SDev	.0699	.091	.370	72.	32.	.7	.911	
%RSD	52.08	3.313	25.82	.5306	.2512	.2903	11.12	
#1	-.0848	2.822	-1.695	13610.	12810.	251.2	7.544	
#2	-.1838	2.693	-1.171	13510.	12770.	250.1	8.832	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2462.	.2254	-4.646	1.080	54320.	5.507	.9536	
SDev	11.	.2386	.311	.162	98.	1.465	.1404	
%RSD	.4532	105.8	6.705	14.98	.1805	26.59	14.72	
#1	2470.	.3941	-4.425	1.194	54390.	4.472	1.053	
#2	2455.	.0567	-4.866	.9656	54250.	6.543	.8543	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	58.41	8.811	.4698	3.029	-.6656	-6.337	-3.806	
SDev	.32	.254	.4813	1.113	.1572	.348	.293	
%RSD	.5492	2.883	102.4	36.74	23.62	5.492	7.705	
#1	58.63	8.991	.1295	2.242	-.5544	-6.091	-3.598	
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#2	58.18	8.632	.8101	3.816	-.7768	-6.583	-4.013	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	.2703	1.475						
SDev	1.619	1.051						
%RSD	599.0	71.25						
#1	-.8745	2.218						
#2	1.415	.7317						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	

Avge	1109	--	--	--	--	--	--
SDev	3.020741	--	--	--	--	--	--
%RSD	.2722742	--	--	--	--	--	--

#1	1107	--	--	--	--	--	--
#2	1112	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32800-A-1-I Operator:
Run Time: 11/09/11 22:56:42
Comment:
Mode: CONC Corr. Factor: 1

Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
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Avge	80.95	-.3305	6.119	213.4	.2007	.0187	20550.
SDev	18.24	.2844	1.097	.6	.0110	.1652	77.
%RSD	22.53	86.05	17.93	.2825	5.490	882.4	.3757

#1	68.05	-.1294	6.894	213.0	.1929	-.0981	20490.
#2	93.85	-.5316	5.343	213.8	.2085	.1355	20600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	-.2036	2.323	-1.655	13130.	12490.	243.6	7.690
SDev	.2395	.335	.365	37.	41.	.8	.092
%RSD	117.6	14.42	22.08	.2793	.3277	.3175	1.200

#1	-.0343	2.560	-1.397	13100.	12460.	243.1	7.624
#2	-.3730	2.086	-1.913	13160.	12520.	244.2	7.755

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	2388.	-.0701	-3.716	2.430	53130.	.1308	.8474
SDev	8.	.4074	.285	1.302	295.	.0794	.1301
%RSD	.3143	580.8	7.666	53.58	.5561	60.69	15.35

#1	2383.	.2179	-3.918	1.510	52920.	.1869	.9394
#2	2393.	-.3582	-3.515	3.351	53340.	.0747	.7554

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	29.46	7.622	-.6688	.5821	-.5872	-4.049	-3.554
SDev	.41	.436	1.0069	.9196	.1077	1.321	.232
%RSD	1.380	5.717	150.6	158.0	18.35	32.62	6.533

#1	29.17	7.931	-1.381	1.232	-.5110	-4.982	-3.390
#2	29.75	7.314	.0432	-.0682	-.6633	-3.115	-3.719

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem Units	1960/1 ppb	1960/2 ppb
Avge	-.5828	3.925
SDev	3.4579	.226
%RSD	593.3	5.758

#1 PM	-3.028 page 110	3.765	Analysis Report	11/09/11 11:02:47

#2	1.862	4.085					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1115	--	--	--	--	--	--
SDev	3.529923	--	--	--	--	--	--
%RSD	.3164511	--	--	--	--	--	--
#1	1118	--	--	--	--	--	--
#2	1113	--	--	--	--	--	--

Method:	SW846	Sample Name:	SD 460-32800-A-1-I@5	Operator:			
Run Time:	11/09/11 23:02:50						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.12	-.7778	-.7681	39.83	-.0114	-.0572	3932.
SDev	28.51	.0598	1.3594	.03	.0010	.0360	1.
%RSD	217.2	7.695	177.0	.0866	9.008	62.91	.0144
#1	-7.035	-.8201	.1931	39.81	-.0121	-.0318	3933.
#2	33.28	-.7355	-1.729	39.86	-.0107	-.0826	3932.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1400	.1913	-2.346	2517.	2357.	45.83	.8598
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SDev	.0008	.0006	.504	3.	2.	.12	.0006
%RSD	.5584	.3205	21.47	.1082	.0707	.2662	.0721
#1	.1394	.1917	-2.702	2515.	2358.	45.75	.8603
#2	.1405	.1908	-1.990	2519.	2356.	45.92	.8594
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	368.6	.4911	-3.964	2.168	10100.	4.078	.2007
SDev	1.3	.4278	.130	1.738	34.	.155	.3402
%RSD	.3510	87.10	3.279	80.15	.3413	3.796	169.5
#1	369.5	.1886	-4.056	3.398	10120.	4.187	-.0399
#2	367.6	.7935	-3.872	.9394	10070.	3.968	.4413
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.732	1.427	-.3003	.6042	-.6350	-6.495	-2.705
SDev	.283	.276	.3491	.5884	.1522	1.281	.835
%RSD	4.941	19.37	116.2	97.39	23.96	19.73	30.86
#1	5.932	1.622	-.5471	1.020	-.7426	-5.589	-3.295
#2	5.531	1.231	-.0535	.1881	-.5274	-7.401	-2.115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		

Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.809	1.840					
SDev	1.108	2.053					
%RSD	39.45	111.6					
#1	3.592	3.291					
#2	2.025	.3883					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1157	--	--	--	--	--	--
SDev	.9842699	--	--	--	--	--	--
%RSD	.0850838	--	--	--	--	--	--
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#1	1158	--	--	--	--	--	--
#2	1156	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-32800-A-1-H MS	Operator:			
Run Time:	11/09/11 23:08:58						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2070.	490.5	1977.	2223.	48.79	50.43	40430.
SDev	30.	.8	16.	5.	.18	.59	126.
%RSD	1.449	.1685	.7970	.2252	.3660	1.162	.3107
#1	2049.	489.9	1966.	2219.	48.66	50.02	40340.
#2	2092.	491.1	1988.	2226.	48.91	50.84	40520.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	201.1	491.5	249.1	14020.	31740.	757.7	503.3
SDev	.3	1.6	.1	45.	58.	1.9	1.8
%RSD	.1519	.3259	.0522	.3229	.1817	.2531	.3568
#1	200.9	490.4	249.0	13990.	31700.	756.3	502.0
#2	201.3	492.6	249.2	14050.	31780.	759.0	504.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22740.	50.43	497.9	1921.	72820.	1958.	496.7
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SDev	6.	.49	2.1	8.	169.	4.	1.0
%RSD	.0264	.9798	.4280	.3945	.2320	.1874	.2008
#1	22740.	50.08	496.4	1916.	72700.	1956.	496.0
#2	22740.	50.78	499.4	1927.	72940.	1961.	497.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	552.4	495.3	498.4	489.9	505.8	496.0	498.8
SDev	3.4	3.3	1.6	1.7	1.5	1.2	2.6
%RSD	.6082	.6711	.3208	.3548	.2943	.2354	.5236
#1	550.0	492.9	497.2	488.7	504.7	495.2	496.9
#2	554.8	497.6	499.5	491.1	506.8	496.8	500.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1926.	1919.					
SDev	6.	8.					
%RSD	.3170	.4333					
#1	1922.	1913.					
#2	1931.	1925.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1113	--	--	--	--	--	--
SDev	1.120046	--	--	--	--	--	--
%RSD	.1006504	--	--	--	--	--	--
#1	1114	--	--	--	--	--	--
#2	1112	--	--	--	--	--	--

Method:	SW846	Sample Name: PDS 460-32800-A-1-I			Operator:		
Run Time:	11/09/11 23:15:06						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2055.	470.7	1896.	2213.	48.81	49.05	39940.
SDev	138.	57.8	267.	145.	3.33	6.11	1502.
%RSD	6.698	12.28	14.08	6.532	6.829	12.45	3.761
#1	1957.	429.8	1708.	2111.	46.45	44.73	38880.
#2	2152.	511.5	2085.	2316.	51.17	53.37	41000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	201.7	491.7	246.4	13680.	31290.	749.9	492.1
SDev	12.1	35.5	19.4	55.	1354.	37.5	51.5
%RSD	5.980	7.226	7.869	.3999	4.326	4.997	10.47
#1	193.1	466.5	232.7	13640.	30340.	723.4	455.7
#2	210.2	516.8	260.1	13720.	32250.	776.4	528.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	10000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21810.	40.80	480.0	1841.	71110.	1899.	495.1
SDev	3368.	4.67	63.4	266.	1750.	312.	34.8
%RSD	15.44	11.44	13.20	14.43	2.462	16.44	7.020

#1	19430.	37.50	435.2	1654.	69880.	1678.	470.5
#2	24190.	44.10	524.8	2029.	72350.	2120.	519.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	512.5	475.1	484.8	492.3	504.4	505.8	467.2
SDev	53.2	73.9	52.5	32.9	32.3	24.8	82.7
%RSD	10.38	15.56	10.83	6.678	6.408	4.894	17.69
#1	474.9	422.8	447.6	469.1	481.5	488.3	408.7
#2	550.2	527.3	521.9	515.6	527.2	523.3	525.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1967.	1778.					
SDev	106.	345.					
%RSD	5.408	19.41					
#1	1892.	1534.					
#2	2043.	2023.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1114	--	--	--	--	--	--
SDev	.5090961	--	--	--	--	--	--
%RSD	.0456857	--	--	--	--	--	--
#1	1115	--	--	--	--	--	--
#2	1114	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-32800-A-4-B Operator:
 Run Time: 11/09/11 23:21:14
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.73	-.0016	15.27	45.50	-.0737	-.1161	23820.
SDev	17.26	.1830	.90	.35	.0371	.2055	201.
%RSD	117.2	11130.	5.878	.7600	50.42	177.1	.8452
#1	2.525	-.1311	15.91	45.26	-.0474	-.2614	23670.
#2	26.93	.1278	14.64	45.75	-.0999	.0293	23960.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4506	-.0504	-1.553	14490.	8608.	269.9	1.620
SDev	.4958	.3372	.199	125.	89.	2.5	.569
%RSD	110.0	668.9	12.81	.8640	1.035	.9360	35.13
#1	.8012	.1880	-1.412	14410.	8545.	268.1	2.023
#2	.1000	-.2888	-1.694	14580.	8671.	271.6	1.218
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	6563.	.0625	-3.920	3.420	49660.	3.848	1.465			
SDev	62.	.0002	.039	.236	284.	1.709	.202			
%RSD	.9499	.3623	.9904	6.915	.5718	44.40	13.76			
#1	6519.	.0627	-3.892	3.587	49460.	5.057	1.607			
#2	6607.	.0624	-3.947	3.252	49870.	2.640	1.322			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	29.52	110.6	7.148	2.272	-.6443	-1.875	-4.945			
SDev	.69	.7	1.385	1.544	.0053	6.495	3.184			
%RSD	2.338	.5944	19.38	67.96	.8291	346.4	64.40			
#1	29.03	110.1	8.128	3.363	-.6405	2.718	-7.196			
#2	30.01	111.0	6.168	1.180	-.6480	-6.467	-2.693			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2	Analysis Report				11/09/11 11:27:18			
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Units	ppb	ppb								
Avge	6.530	1.858								
SDev	5.672	2.477								
%RSD	86.87	133.4								
#1	10.54	.1060								
#2	2.519	3.609								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1142	--	--	--	--	--	--			
SDev	8.553213	--	--	--	--	--	--			
%RSD	.7487370	--	--	--	--	--	--			
#1	1148	--	--	--	--	--	--			
#2	1136	--	--	--	--	--	--			

Method:	SW846	Sample Name: 460-32800-A-5-C			Operator:					
Run Time:	11/09/11 23:27:21									
Comment:										
Mode:	CONC	Corr. Factor: 1								
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	23.55	-.0855	2.621	14.68	-.0727	-.0714	32120.			
SDev	20.07	1.6244	1.456	.06	.0074	.0345	188.			
%RSD	85.22	1899.	55.56	.4089	10.24	48.29	.5847			
#1	9.359	1.063	3.651	14.72	-.0674	-.0957	31990.			
#2	37.74	-1.234	1.591	14.64	-.0779	-.0470	32260.			
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3170	1.301	.0892	336.3	7454.	128.5	1.255
SDev	.3284	.575	.4247	3.6	54.	.8	.049
%RSD	103.6	44.15	476.1	1.085	.7219	.6198	3.894
#1	.5492	1.708	-.2111	333.7	7416.	127.9	1.290
#2	.0847	.8952	.3895	338.9	7492.	129.1	1.220
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1045.	-.0596	-4.098	1.631	7294.	.8079	.8326
SDev	31.	.0178	.839	2.564	91.	1.502	.4859
%RSD	2.972	29.96	20.48	157.2	1.254	185.9	58.35
#1	1023.	-.0469	-3.505	-.1820	7229.	1.870	.4891
#2	1067.	-.0722	-4.692	3.444	7358.	-.2542	1.176
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.531	12.77	.7996	2.466	-.6215	-1.239	-5.530
SDev	.840	.91	.6271	1.532	.0218	9.175	3.322
%RSD	33.18	7.117	78.43	62.12	3.508	740.6	60.08
#1	1.937	12.13	.3561	3.550	-.6369	5.249	-7.879
#2	3.124	13.42	1.243	1.383	-.6061	-7.726	-3.181
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4.371	.2539					
SDev	7.677	7.677					
%RSD	175.6	3023.					
#1	9.800	-5.175					
#2	-1.057	5.682					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1149	--	--	--	--	--	--
SDev	6.346957	--	--	--	--	--	--
%RSD	.5521590	--	--	--	--	--	--
#1	1154	--	--	--	--	--	--
#2	1145	--	--	--	--	--	--

Method: SW846

Sample Name: 460-32916-D-1-C

Operator:

Run Time: 11/09/11 23:33:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	98.23	.5889	-.3003	150.1	-.0867	-.1084	9305.
SDev	27.00	.8030	4.6531	2.3	.0535	.1082	141.
%RSD	27.49	136.4	1549.	1.545	61.72	99.85	1.510

#1	79.13	1.157	-3.591	148.5	-.0489	-.1849	9206.
#2	117.3	.0210	2.990	151.8	-.1245	-.0319	9405.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4474	5.651	2.198	61.45	7143.	323.3	17.87
SDev	.0580	.138	.275	3.62	104.	5.1	.12
%RSD	12.95	2.447	12.50	5.898	1.455	1.573	.6770
#1	.4884	5.554	2.393	58.89	7070.	319.7	17.79
#2	.4064	5.749	2.004	64.02	7217.	326.9	17.96

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2318.	.2875	-4.205	.6452	96990.	1.385	1.370
SDev	40.	.2501	.565	.5096	1176.	.191	.191
%RSD	1.713	87.01	13.44	78.99	1.212	13.79	13.91
#1	2290.	.4643	-4.605	.2848	96160.	1.520	1.505
#2	2346.	.1106	-3.806	1.006	97820.	1.250	1.235
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.21	98.60	1.303	2.191	.5157	-5.671	-3.477
SDev	.40	2.29	.484	2.777	.0838	1.364	1.528
%RSD	3.046	2.326	37.17	126.7	16.26	24.05	43.94
#1	12.92	96.98	.9608	4.155	.4564	-4.707	-4.557
#2	13.49	100.2	1.646	.2276	.5749	-6.635	-2.397
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.951	2.431					
SDev	3.614	2.568					
%RSD	122.5	105.6					
#1	-.3952	.6150					
#2	-5.507	4.247					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1114	--	--	--	--	--	--
SDev	11.60788	--	--	--	--	--	--
%RSD	1.042239	--	--	--	--	--	--
#1	1122	--	--	--	--	--	--
#2	1106	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:

Run Time: 11/09/11 23:39:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123500.	989.9	4916.	9791.	976.5	2449.	121900.
SDev	492.	5.0	28.	72.	5.8	10.	605.
%RSD	.3983	.5061	.5690	.7328	.5913	.4171	.4963
#1	123900.	993.4	4935.	9842.	980.5	2457.	122300.
#2	123200.	986.3	4896.	9741.	972.4	2442.	121500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4907.	2434.	12320.	97120.	123200.	4927.	2445.
SDev	24.	13.	56.	607.	543.	21.	10.
%RSD	.4962	.5155	.4545	.6252	.4409	.4363	.4036
#1	4924.	2443.	12360.	97550.	123600.	4942.	2452.
#2	4890.	2425.	12280.	96690.	122800.	4912.	2438.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48320.	1229.	9845.	4924.	122800.	4915.	2437.
SDev	330.	6.	48.	37.	420.	17.	11.
%RSD	.6826	.5151	.4875	.7602	.3417	.3483	.4560
#1	48550.	1234.	9879.	4951.	123100.	4927.	2445.
#2	48080.	1225.	9811.	4898.	122600.	4903.	2429.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2425.	985.5	2456.	971.5	9733.	9836.	9850.
SDev	4.	5.4	11.	4.9	49.	94.	25.
%RSD	.1653	.5496	.4462	.5066	.5085	.9520	.2559
#1	2428.	989.4	2464.	975.0	9768.	9902.	9868.
#2	2422.	981.7	2448.	968.0	9698.	9770.	9832.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4945.	4914.					
SDev	53.	30.					
%RSD	1.071	.6040					
#1	4982.	4935.					
#2	4907.	4893.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1106	--	--	--	--	--	--
SDev	5.430532	--	--	--	--	--	--
%RSD	.4912126	--	--	--	--	--	--
#1	1102	--	--	--	--	--	--
#2	1109	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/09/11 23:45:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.65	-1.557	-.7654	.0767	.0011	.2697	5.714
SDev	27.60	.340	.3938	.7816	.0664	.0028	6.430
%RSD	121.9	21.82	51.45	1019.	5803.	1.045	112.5

#1	3.131	-1.317	-1.044	.6294	.0481	.2677	10.26
#2	42.17	-1.797	-.4869	-.4760	-.0458	.2717	1.167

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1908	-.2171	.7719	5.658	16.28	.1529	-.0410
SDev	.6489	.3964	.2452	3.058	3.78	.1408	.0686
%RSD	340.1	182.6	31.76	54.05	23.25	92.11	167.3

#1	.6496	-.4974	.9453	7.820	18.95	.2525	.0075
#2	-.2681	.0632	.5986	3.496	13.60	.0533	-.0896

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.680	.8078	-3.475	1.258	-9.931	7.086	.3629
SDev	15.215	.0092	1.343	.175	21.513	1.946	.0563
%RSD	175.3	1.133	38.64	13.95	216.6	27.47	15.51

#1	-19.44	.8013	-4.424	1.134	5.281	5.710	.4027
#2	2.078	.8143	-2.526	1.382	-25.14	8.463	.3231

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.374	.8928	1.252	.4341	.4804	-6.567	-1.935
SDev	.137	.7744	.873	.9641	.4535	1.809	1.109
%RSD	9.987	86.74	69.72	222.1	94.41	27.55	57.33

#1	1.277	1.440	1.869	-.2476	.8011	-7.846	-2.720	Analysis
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#2	1.471	.3452	.6347	1.116	.1597	-5.287	-1.151

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.100	1.327
SDev	2.581	1.026
%RSD	234.5	77.30

#1	-.7244	2.052
#2	2.925	.6017

Errors High Low	NOCHECK	NOCHECK						
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1141	--	--	--	--	--	--	
SDev	31.36155	--	--	--	--	--	--	
%RSD	2.747658	--	--	--	--	--	--	
#1	1164	--	--	--	--	--	--	
#2	1119	--	--	--	--	--	--	

Method: SW846		Sample Name: MB 460-92161/1-A@2			Operator:			
Run Time: 11/10/11		00:17:07						
Comment:								
Mode: CONC		Corr. Factor: 1						
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	41.77	-1.143	.3089	-.6865	-.1262	-.1971	16.02	
SDev	35.30	.584	1.117	.0000	.0398	.1967	.52	
%RSD	84.53	51.13	361.8	.0000	31.57	99.79	3.273	
#1	16.80	-.7298	1.099	-.6865	-.0981	-.0580	15.65	
#2	66.73	-1.556	-.4813	-.6865	-.1544	-.3362	16.40	
Errors High Low	LC Pass 200.0 -200.0	LC Pass 10.00 -10.00	LC Pass 5.000 -5.000	LC Pass 200.0 -200.0	LC Pass 2.000 -2.000	LC Pass 4.000 -4.000	LC Pass 1000. -1000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	.5804	-.4224	-.5692	.5875	-3.958	-.3054	-1.038	
SDev	.1438	.5321	.3120	6.622	17.043	.0958	.180	
%RSD	24.77	126.0	54.81	1127.	430.6	31.37	17.38	
#1	.6820	-.0461	-.7898	-4.095	-16.01	-.3731	-.9101	
#2	.4787	-.7987	-.3486	5.270	8.094	-.2376	-1.165	
Errors High Low	LC Pass 10.00 -10.00	LC Pass 50.00 -50.00	LC Pass 25.00 -25.00	LC Pass 150.0 -150.0	LC Pass 1000. -1000.	LC Pass 15.00 -15.00	LC Pass 40.00 -40.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-12.40	-.0205	-3.691	1.494	84.70	-.0823	.2242	
SDev	16.54	.2657	.065	1.183	40.91	.6341	.1399	
%RSD	133.3	1293.	1.749	79.20	48.30	770.5	62.40	
#1	-24.09	-.2084	-3.737	.6573	55.77	.3661	.1253	
#2	-.7087	.1673	-3.645	2.331	113.6	-.5307	.3231	
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Errors High Low	LC Pass 1000. -1000.	LC Pass 10.00 -10.00	LC Pass 5.000 -5.000	LC Pass 5.000 -5.000	LC Pass 1000. -1000.	LC Pass 10.00 -10.00	LC Pass 50.00 -50.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	3.186	.3048	.0779	2.204	-.8649	-2.143	-4.468	
SDev	.154	.0577	1.756	1.396	.0577	.289	.048	
%RSD	4.822	18.92	2255.	63.34	6.672	13.48	1.066	
#1	3.078	.3456	1.320	1.217	-.9057	-2.348	-4.434	
#2	3.295	.2640	-1.164	3.192	-.8241	-1.939	-4.501	
Errors High Low	LC Pass 30.00 -30.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	NOCHECK	NOCHECK	
Elem	1960/1	1960/2						

Units	ppb	ppb
Avge	-5.610	5.031
SDev	.451	1.999
%RSD	8.033	39.73
#1	-5.291	3.618
#2	-5.929	6.445
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1117	--	--	--	--	--	--
SDev	25.18429	--	--	--	--	--	--
%RSD	2.253652	--	--	--	--	--	--
#1	1135	--	--	--	--	--	--
#2	1100	--	--	--	--	--	--

Method: SW846 Sample Name: LCSSRM 460-92161/2-A Operator:
Run Time: 11/10/11 00:23:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	40270.	566.0	501.4	952.2	373.0	292.7	48210.
SDev	340.	7.6	8.1	4.4	2.1	4.2	332.
%RSD	.8443	1.344	1.611	.4578	.5619	1.440	.6877
#1	40030.	560.7	495.7	949.1	371.5	289.7	47970.
#2	40510.	571.4	507.1	955.2	374.5	295.7	48440.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	81000.	1190.	680.0	1250.	488.5	385.5	61500.
Low	24200.	108.0	362.5	725.0	287.0	222.5	37200.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1129.	443.6	850.0	85720.	17450.	2676.	646.6
SDev	7.	2.5	6.5	529.	138.	18.	10.1
%RSD	.6299	.5591	.7677	.6165	.7881	.6775	1.565
#1	1124.	441.8	845.4	85350.	17350.	2663.	639.4
#2	1134.	445.3	854.6	86100.	17550.	2689.	653.7

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1525.	575.0	1080.	142500.	26150.	3420.	850.0
Low	835.0	339.5	655.0	37850.	13900.	2160.	490.5

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18400.	144.6	453.6	1334.	4111.	603.3	557.0
SDev	12.	.4	5.4	9.	5.	10.7	3.6
%RSD	.0678	.2817	1.193	.6409	.1255	1.780	.6478
#1	18390.	144.3	457.4	1340.	4108.	595.7	554.5
#2	18410.	144.9	449.7	1328.	4115.	610.9	559.6

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	28950.	203.0	560.0	1865.	7100.	805.0	760.0
Low	14050.	98.00	300.0	995.0	3070.	410.5	389.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2801.	655.0	250.8	513.7	2162.	449.8	455.4
SDev	46.	8.0	5.7	.1	13.	4.0	10.1
%RSD	1.631	1.225	2.255	.0286	.5793	.8797	2.216
#1	2769.	649.4	246.8	513.8	2153.	447.0	462.5
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#2	2834.	660.7	254.8	513.6	2171.	452.6	448.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	3765.	960.0	325.0	740.0	4220.		
Low	2185.	448.0	161.0	297.0	401.0		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1315.	1344.					
SDev	8.	17.					
%RSD	.6270	1.261					
#1	1310.	1356.					
#2	1321.	1332.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1170	--	--	--	--	--	--
SDev	5.702084	--	--	--	--	--	--
%RSD	.4873576	--	--	--	--	--	--
#1	1174	--	--	--	--	--	--
#2	1166	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33268-E-1-E DU@4 Operator:
Run Time: 11/10/11 00:29:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report				11/10/11 00:35:27 AM		page 8		
Avge	14430.	.3649	16.09	25.05	.5126	-.0610	123.3	
SDev	47.	.4045	1.32	.02	.0225	.0067	.8	
%RSD	.3255	110.9	8.198	.0693	4.384	11.03	.6476	
#1	14400.	.6510	17.02	25.06	.5285	-.0562	123.9	
#2	14460.	.0789	15.16	25.04	.4967	-.0658	122.8	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	93.57	2.843	3.810	29960.	1038.	63.83	4.883	
SDev	.04	.332	.008	43.	2.	.20	.255	
%RSD	.0384	11.66	.2212	.1431	.1980	.3180	5.231	
#1	93.54	3.077	3.816	29930.	1037.	63.69	4.702	
#2	93.59	2.608	3.804	29990.	1040.	63.97	5.064	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2116.	-.0120	4.282	4.011	-29.47	2.490	87.09	
SDev	3.	.0066	.154	.552	48.01	2.102	.21	
%RSD	.1320	54.74	3.593	13.76	162.9	84.42	.2390	
#1	2114.	-.0167	4.173	4.401	-63.42	1.004	86.95	
#2	2118.	-.0074	4.391	3.621	4.480	3.976	87.24	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	

High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	22.71	15.72	2.297	1.114	348.9	5.863	3.489			
SDev	.35	.45	.166	.185	.6	.127	.294			
%RSD	1.523	2.872	7.242	16.61	.1732	2.163	8.426			
#1	22.46	16.04	2.414	1.245	348.5	5.952	3.281			
#2	22.95	15.40	2.179	.9830	349.4	5.773	3.697			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avge	-1.114	6.561								
SDev	1.111	1.382								
%RSD	99.73	21.07								
#1	-1.900	7.538	Analysis Report				11/10/11 00:35:27			
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#2	-.3284	5.583								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1158	--	--	--	--	--	--			
SDev	.7806487	--	--	--	--	--	--			
%RSD	.0674233	--	--	--	--	--	--			
#1	1157	--	--	--	--	--	--			
#2	1158	--	--	--	--	--	--			

Method:	SW846	Sample Name:	460-33268-E-1-D@4	Operator:						
Run Time:	11/10/11 00:35:30									
Comment:										
Mode:	CONC	Corr. Factor:	1							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	14770.	-.2806	13.20	25.44	.4759	-.3268	125.7			
SDev	12.	.9470	1.23	.16	.0209	.1151	.3			
%RSD	.0800	337.4	9.297	.6172	4.399	35.23	.2141			
#1	14760.	-.9502	14.06	25.33	.4611	-.2454	125.9			
#2	14780.	.3890	12.33	25.55	.4907	-.4082	125.5			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	92.58	3.055	3.716	30130.	1036.	70.46	5.748			
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SDev	.65	.413	.030	10.	3.	.13	.372			
%RSD	.7061	13.51	.8095	.0329	.2978	.1856	6.480			
#1	92.12	2.763	3.738	30140.	1039.	70.55	5.484			
#2	93.05	3.347	3.695	30120.	1034.	70.37	6.011			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2111.	.1709	4.915	2.928	-96.09	-.4242	92.95
SDev	4.	.1343	.732	.625	140.11	1.9550	.37
%RSD	.1861	78.57	14.90	21.36	145.8	460.8	.3980
#1	2114.	.0759	5.433	2.486	2.980	.9582	93.22
#2	2108.	.2658	4.397	3.371	-195.2	-1.807	92.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.11	14.29	2.006	.8544	363.3	2.978	5.878
SDev	.14	.60	.742	4.035	.8	4.234	3.212
%RSD	.5846	4.214	36.99	472.3	.2067	142.1	54.64
#1	24.21	14.72	2.530	-1.999	363.9	-.0153	8.149
#2	24.01	13.87	1.481	3.708	362.8	5.972	3.607
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.3893	4.576					
SDev	6.1114	2.113					
%RSD	1570.	46.19					
#1	-4.711	6.070					
#2	3.932	3.081					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1134	--	--	--	--	--	--
SDev	2.749188	--	--	--	--	--	--
%RSD	.2424996	--	--	--	--	--	--
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Analysis

#1	1132	--	--	--	--	--	--
#2	1136	--	--	--	--	--	--

Method: SW846		Sample Name: Sd 460-33268-E-1-D@2		Operator:			
Run Time: 11/10/11 00:41:37							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2914.	-.2729	5.596	4.229	-.0150	.0935	15.70
SDev	29.	.2604	1.633	.002	.0004	.1550	1.30
%RSD	.9905	95.43	29.18	.0377	2.665	165.9	8.306
#1	2893.	-.0887	6.751	4.230	-.0153	.2031	14.78
#2	2934.	-.4570	4.441	4.227	-.0147	-.0162	16.62
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.79	-.0094	-1.158	5918.	198.6	13.40	.7555

SDev	.33	.4130	.123	2.	.5	.12	.8959
%RSD	1.841	4406.	10.61	.0271	.2349	.8921	118.6
#1	17.56	-.3014	-1.245	5917.	198.9	13.31	.1220
#2	18.02	.2827	-1.071	5919.	198.3	13.48	1.389
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	369.2	.1275	-3.730	.2706	-75.73	4.523	18.15
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Analysis

SDev	2.0	.0698	1.082	1.074	13.85	1.603	.21
%RSD	.5470	54.74	28.99	396.8	18.29	35.44	1.148
#1	370.7	.1768	-4.495	1.030	-65.93	5.656	18.30
#2	367.8	.0781	-2.966	-.4886	-85.52	3.389	18.01
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.711	2.914	.1053	1.153	70.04	-4.041	-3.579
SDev	.076	.058	.2398	2.575	.11	1.724	.761
%RSD	1.607	1.986	227.7	223.3	.1503	42.65	21.26
#1	4.765	2.955	-.0642	2.974	69.96	-5.260	-4.117
#2	4.658	2.873	.2749	-.6679	70.11	-2.823	-3.041
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.9814	-.0934					
SDev	1.787	2.5017					
%RSD	182.1	2680.					
#1	-.2820	1.676					
#2	2.245	-1.862					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1150	--	--	--	--	--	--
SDev	.3733199	--	--	--	--	--	--
%RSD	.0324583	--	--	--	--	--	--
#1	1150	--	--	--	--	--	--
#2	1150	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33268-E-1-F MS@4 Operator:
Run Time: 11/10/11 00:47:44
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21230.	218.4	961.0	1020.	25.09	24.57	10010.
SDev	49.	.1	4.7	1.	.07	.16	16.
%RSD	.2288	.0646	.4875	.0630	.2676	.6321	.1580
#1	21200.	218.3	957.7	1020.	25.05	24.46	9997.

#2	21270.	218.5	964.3	1020.	25.14	24.68	10020.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	215.0	243.4	125.9	36900.	10790.	322.9	250.3
SDev	.0	.2	.0	55.	12.	.3	2.2
%RSD	.0045	.0952	.0288	.1477	.1149	.0790	.8776
#1	215.0	243.2	125.9	36870.	10780.	322.7	248.8
#2	215.0	243.5	125.9	36940.	10800.	323.1	251.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12590.	23.59	248.6	907.7	9085.	947.3	343.5
SDev	24.	.48	1.3	3.9	32.	.7	.5
%RSD	.1943	2.029	.5374	.4264	.3471	.0753	.1453
#1	12610.	23.93	247.7	904.9	9107.	947.8	343.1
#2	12570.	23.25	249.6	910.4	9063.	946.8	343.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report				11/10/11 00:53:48 AM		page 17	
Avge	275.5	261.9	244.2	237.1	624.6	248.5	248.7
SDev	1.6	.9	.9	1.4	.9	.1	2.1
%RSD	.5669	.3513	.3730	.5710	.1477	.0595	.8351
#1	274.4	261.2	244.8	238.0	624.0	248.6	247.2
#2	276.6	262.5	243.5	236.1	625.3	248.4	250.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	902.8	910.1					
SDev	7.6	9.6					
%RSD	.8454	1.056					
#1	908.2	903.3					
#2	897.4	916.9					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1133	--	--	--	--	--	--
SDev	.3054750	--	--	--	--	--	--
%RSD	.0269658	--	--	--	--	--	--
#1	1133	--	--	--	--	--	--
#2	1133	--	--	--	--	--	--

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Method: SW846 Sample Name: PDS 460-33268-E-1-D Operator:
Run Time: 11/10/11 00:53:51
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16840.	451.0	1955.	2046.	50.50	50.54	20440.
SDev	471.	1.9	46.	63.	1.43	1.25	555.
%RSD	2.799	.4171	2.360	3.067	2.830	2.476	2.712
#1	17180.	452.3	1987.	2091.	51.51	51.43	20840.
#2	16510.	449.6	1922.	2002.	49.49	49.66	20050.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	295.8	494.9	253.0	31240.	19930.	588.3	504.1
SDev	7.6	14.1	7.4	914.	570.	16.0	12.3
%RSD	2.575	2.850	2.934	2.924	2.860	2.728	2.439
#1	301.2	504.9	258.3	31890.	20330.	599.7	512.8
#2	290.4	484.9	247.8	30600.	19520.	577.0	495.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20760.	40.27	502.7	1864.	18890.	1958.	586.4
SDev	639.	.33	13.1	50.	443.	42.	16.5
%RSD	3.076	.8159	2.612	2.673	2.347	2.163	2.812
#1	21220.	40.50	512.0	1899.	19200.	1988.	598.1
#2	20310.	40.03	493.4	1829.	18580.	1928.	574.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	526.6	500.9	499.6	491.3	870.3	504.1	502.0
SDev	10.5	11.8	11.6	17.4	25.4	9.6	14.9
%RSD	1.985	2.347	2.331	3.532	2.915	1.905	2.967
#1	534.0	509.2	507.8	503.6	888.2	510.9	512.5
#2	519.2	492.6	491.4	479.1	852.3	497.3	491.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				11/10/11 00:59:55
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Units	ppb	ppb					
Avge	1864.	1864.					
SDev	38.	56.					
%RSD	2.014	3.002					
#1	1890.	1904.					
#2	1837.	1825.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1115	--	--	--	--	--	--
SDev	27.22085	--	--	--	--	--	--

%RSD	2.441560	--	--	--	--	--	--
#1	1096	--	--	--	--	--	--
#2	1134	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33273-A-11-B@4 Operator:
Run Time: 11/10/11 00:59:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19950.	8.067	20.13	36.53	2.106	.0652	1369.
SDev	875.	.117	2.36	1.58	.016	.2621	58.
%RSD	4.386	1.446	11.71	4.325	.7804	402.3	4.215
#1	19330.	8.149	18.47	35.41	2.095	.2505	1328.
#2	20570.	7.984	21.80	37.65	2.118	-.1202	1410.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	318.5	2.450	10.02	59910.	2695.	56.12	10.49
SDev	13.7	.393	.56	2540.	111.	2.37	.84
%RSD	4.308	16.03	5.607	4.240	4.121	4.230	8.010
#1	308.8	2.173	9.627	58110.	2616.	54.45	9.896
#2	328.2	2.728	10.42	61710.	2773.	57.80	11.08

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6362.	.6635	80.85	6.532	-42.65	1.392	232.0
SDev	295.	.7704	2.71	1.970	58.84	.228	10.0
%RSD	4.638	116.1	3.350	30.16	138.0	16.38	4.306
#1	6153.	1.208	78.93	5.139	-1.037	1.553	225.0
#2	6571.	.1187	82.76	7.924	-84.26	1.231	239.1

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	82.80	57.73	.3927	1.629	370.4	79.41	81.56
SDev	4.26	1.83	.1266	.437	15.8	6.39	.87
%RSD	5.144	3.164	32.23	26.82	4.269	8.042	1.069
#1	79.79	56.44	.4823	1.320	359.2	74.89	80.95
#2	85.81	59.02	.3032	1.939	381.6	83.93	82.18

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.675	8.448
SDev	1.180	2.364
%RSD	44.10	27.98
#1	1.841	6.776
#2	3.509	10.12

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1161	--	--	--	--	--	--
SDev	42.56210	--	--	--	--	--	--
%RSD	3.667123	--	--	--	--	--	--
#1	1191	--	--	--	--	--	--
#2	1131	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33273-A-12-B@4 Operator:
 Run Time: 11/10/11 01:06:06
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21480.	1.582	19.86	38.16	2.187	.0415	1641.
SDev	78.	.012	2.05	.15	.023	.0453	.
%RSD	.3617	.7598	10.31	.3921	1.043	109.1	.0298
#1	21530.	1.574	18.41	38.26	2.171	.0095	1641.
#2	21420.	1.591	21.31	38.05	2.203	.0735	1642.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	270.6	3.455	9.547	59670.	2507.	67.02	12.73
SDev	.3	.092	.094	65.	17.	.00	.14
%RSD	.1277	2.658	.9861	.1089	.6806	.0004	1.112
#1	270.9	3.390	9.614	59710.	2519.	67.02	12.63
#2	270.4	3.520	9.481	59620.	2495.	67.02	12.83

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4781.	.1885	51.09	5.003	487.4	1.490	253.5
SDev	18.	.2432	.14	.214	19.5	.750	.3
%RSD	.3787	129.0	.2795	4.277	4.006	50.38	.1151
#1	4793.	.0165	50.99	5.154	473.6	2.020	253.7
#2	4768.	.3605	51.19	4.852	501.2	.9590	253.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	88.31	38.92	.2447	3.885	357.3	52.28	50.49
SDev	.40	.59	.9568	.000	.2	.29	.36
%RSD	.4490	1.506	391.1	.0044	.0548	.5498	.7082
#1	88.03	38.50	.9212	3.885	357.5	52.48	50.24
#2	88.59	39.33	-.4319	3.885	357.2	52.08	50.74

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	1.915	6.535
SDev	1.299	.969
%RSD	67.83	14.83

#1	.9966	7.221
#2	2.834	5.850

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1123	--	--	--	--	--	--
SDev	2.104402	--	--	--	--	--	--
%RSD	.1873417	--	--	--	--	--	--
#1	1125	--	--	--	--	--	--
#2	1122	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33273-A-13-B@4 Operator:

Run Time: 11/10/11 01:12:13

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19940.	1.450	19.14	55.21	1.292	.2303	25080.
SDev	270.	.335	2.48	.81	.068	.1630	467.
%RSD	1.355	23.08	12.95	1.468	5.228	70.78	1.863
#1	20130.	1.687	20.90	55.78	1.340	.3456	25410.
#2	19740.	1.214	17.39	54.63	1.245	.1150	24750.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	152.9	6.559	36.87	55020.	4821.	197.0	18.85
SDev	2.6	.467	1.06	1004.	80.	3.3	.57
%RSD	1.725	7.120	2.874	1.825	1.661	1.696	3.015
#1	154.8	6.889	37.62	55730.	4878.	199.4	19.25
#2	151.1	6.228	36.13	54310.	4765.	194.6	18.45

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3911.	.5517	58.56	4.009	959.4	2.781	172.8
SDev	96.	1.109	.89	2.341	5.6	1.969	2.8
%RSD	2.455	201.0	1.523	58.39	.5874	70.82	1.599
#1	3979.	1.336	57.93	5.664	963.4	1.388	174.7
#2	3843.	-.2324	59.19	2.354	955.4	4.173	170.8

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.34	42.65	.5843	2.960	646.3	57.63	59.02
SDev	.93	1.70	.5090	1.346	11.1	.47	1.57
%RSD	.9552	3.989	87.12	45.49	1.718	.8146	2.663

#1	97.99	43.85	.9442	2.008	654.1	57.96	57.91
#2	96.68	41.45	.2243	3.911	638.4	57.30	60.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.035	5.485					
SDev	2.316	2.353					
%RSD	223.9	42.90					
#1	2.672	7.149					
#2	-.6032	3.821					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1125	--	--	--	--	--	--
SDev	10.35205	--	--	--	--	--	--
%RSD	.9199863	--	--	--	--	--	--
#1	1118	--	--	--	--	--	--
#2	1133	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 01:18:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125900.	1010.	4984.	9972.	987.1	2479.	122600.
SDev	278.	3.	19.	4.	2.6	16.	510.
%RSD	.2206	.2872	.3894	.0356	.2635	.6455	.4163
#1	125700.	1008.	4970.	9974.	985.3	2467.	122200.
#2	126000.	1012.	4997.	9969.	988.9	2490.	122900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4952.	2459.	12610.	97990.	125900.	4986.	2477.
SDev	18.	9.	14.	329.	231.	17.	14.
%RSD	.3669	.3648	.1139	.3354	.1837	.3425	.5677
#1	4939.	2453.	12600.	97750.	125700.	4974.	2467.
#2	4965.	2465.	12620.	98220.	126100.	4999.	2487.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49280.	1245.	9945.	4999.	124900.	5000.	2465.
SDev	107.	3.	53.	11.	183.	20.	8.
%RSD	.2173	.2131	.5352	.2221	.1467	.3960	.3286
#1	49360.	1243.	9907.	4991.	124800.	4986.	2459.
#2	49210.	1247.	9982.	5007.	125100.	5015.	2471.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2433.	1006.	2501.	978.3	9860.	9912.	9961.
SDev	19.	3.	11.	5.1	23.	36.	62.
%RSD	.7775	.2745	.4571	.5182	.2304	.3636	.6205
#1	2420.	1004.	2493.	974.7	9844.	9887.	9917.
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#2	2447.	1008.	2509.	981.9	9876.	9938.	10000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5010.	4994.					
SDev	9.	12.					
%RSD	.1699	.2482					
#1	5004.	4985.					
#2	5016.	5003.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1093	--	--	--	--	--	--
SDev	1.289745	--	--	--	--	--	--
%RSD	.1180462	--	--	--	--	--	--
#1	1093	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/10/11 01:24:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report			11/10/11 01:30:51 AM			page 33	Analysis

Avge	8.044	.4662	.2601	-.5844	.0823	.1201	3.952
SDev	21.26	.0063	1.147	.0004	.0032	.0549	1.223
%RSD	264.3	1.360	441.2	.0699	3.900	45.71	30.93
#1	-6.987	.4617	1.071	-.5847	.0800	.0813	4.817
#2	23.07	.4706	-.5512	-.5841	.0846	.1590	3.088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5906	.4853	1.026	13.59	16.37	-.0011	.0602
SDev	.1712	.0823	.461	.02	.93	.0444	.1001
%RSD	28.99	16.96	44.93	.1625	5.682	4191.	166.4
#1	.4695	.4271	1.352	13.58	17.03	-.0325	.1310
#2	.7116	.5435	.6999	13.61	15.72	.0303	-.0106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	-14.80	.8793	-4.892	1.361	58.71	8.208	.6414
SDev	.54	.1096	.114	.224	55.23	4.203	.3370
%RSD	3.648	12.47	2.329	16.50	94.07	51.21	52.54
#1	-15.18	.8018	-4.811	1.202	19.66	H11.18	.8797
#2	-14.42	.9568	-4.972	1.519	97.76	5.235	.4031
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.730	1.367	.9058	.7097	.2293	-5.366	-4.659
SDev	.562	.115	.3267	.7033	.1016	.157	.249
%RSD	32.50	8.406	36.07	99.09	44.31	2.919	5.345
#1	2.128	1.286	1.137	1.207	.3011	-5.476	-4.483
#2	1.332	1.449	.6748	.2124	.1574	-5.255	-4.835
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.301	.3824					
SDev	2.198	1.434					
%RSD	66.57	374.9					
#1	4.856	-.6314	Analysis Report				11/10/11 01:30:51
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#2	1.747	1.396					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1154	--	--	--	--	--	--
SDev	4.615961	--	--	--	--	--	--
%RSD	.4000576	--	--	--	--	--	--
#1	1157	--	--	--	--	--	--
#2	1151	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-33273-A-14-B@4	Operator:			
Run Time:	11/10/11 01:35:14						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15700.	1.422	15.70	48.66	1.066	.3939	4266.
SDev	105.	.395	1.37	.22	.010	.2517	12.
%RSD	.6668	27.75	8.722	.4432	.9158	63.89	.2777
#1	15630.	1.143	14.73	48.51	1.073	.5719	4257.
#2	15780.	1.702	16.67	48.81	1.059	.2160	4274.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	116.6	4.154	21.66	39610.	2443.	107.4	11.83
SDev	.1	.342	.04	135.	3.	.3	.81
%RSD	.0979	8.228	.1908	.3418	.1285	.2952	6.862
#1	116.7	3.913	21.63	39510.	2441.	107.2	11.25

#2	116.5	4.396	21.69	39700.	2446.	107.6	12.40
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2536.	-.0115	89.94	3.089	417.5	.2403	105.0
SDev	.1368	.1368	1.04	1.373	94.1	3.338	.3
%RSD	.0119	1187.	1.152	44.46	22.55	1389.	.2559
#1	2536.	-.1083	89.21	2.117	350.9	-2.120	105.2
#2	2537.	.0852	90.67	4.060	484.1	2.600	104.8
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Analysis

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	83.45	23.03	1.474	4.754	398.0	90.18	89.82
SDev	.04	.03	1.337	.004	1.5	.28	1.41
%RSD	.0519	.1335	90.71	.0763	.3737	.3099	1.574
#1	83.42	23.01	.5288	4.752	396.9	89.98	88.82
#2	83.48	23.05	2.420	4.757	399.0	90.37	90.82
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.9549	4.144					
SDev	2.406	.858					
%RSD	252.0	20.69					
#1	-.7466	3.538					
#2	2.656	4.751					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1122	--	--	--	--	--	--
SDev	1.527375	--	--	--	--	--	--
%RSD	.1361617	--	--	--	--	--	--
#1	1123	--	--	--	--	--	--
#2	1121	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33273-A-15-B@4 Operator:
Run Time: 11/10/11 01:41:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17740.	-.3378	27.37	53.52	1.404	.1422	22670.
SDev	82.	1.0073	2.92	.33	.021	.1664	213.
%RSD	.4623	298.2	10.68	.6226	1.517	117.0	.9401
#1	17800.	.3745	25.30	53.75	1.419	.0245	22820.
#2	17680.	-1.050	29.44	53.28	1.389	.2599	22520.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	135.1	9.398	58.97	54670.	5867.	260.2	26.08	
SDev	1.4	.508	.40	445.	54.	2.6	.21	
%RSD	1.007	5.409	.6703	.8132	.9119	.9963	.8037	
#1	136.1	9.757	59.25	54980.	5905.	262.0	25.94	
#2	134.1	9.038	58.69	54350.	5829.	258.4	26.23	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2922.	.1609	68.89	4.942	615.5	-1.605	162.0	
SDev	23.	.4214	.31	.347	1.3	.555	1.7	
%RSD	.7826	261.9	.4504	7.027	.2046	34.57	1.055	
#1	2938.	.4589	69.11	5.188	614.6	-1.997	163.2	
#2	2905.	-.1370	68.68	4.697	616.4	-1.213	160.8	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	96.54	34.70	.6781	4.002	730.3	67.88	69.40	
SDev	1.47	1.53	1.257	2.188	6.3	1.36	.21	
%RSD	1.519	4.423	185.4	54.68	.8610	2.004	.3081	
#1	97.58	35.79	1.567	5.550	734.7	68.84	69.25	□□Analysis
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#2	95.50	33.62	-.2109	2.455	725.8	66.92	69.55	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	1.375	6.714						
SDev	2.108	.532						
%RSD	153.4	7.920						
#1	2.865	6.338						
#2	-.1160	7.091						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1142	--	--	--	--	--	--	
SDev	2.409877	--	--	--	--	--	--	
%RSD	.2110684	--	--	--	--	--	--	
#1	1140	--	--	--	--	--	--	
#2	1143	--	--	--	--	--	--	

Method: SW846 Sample Name: 460-33318-A-3-B@4 Operator:
Run Time: 11/10/11 01:47:29
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	□□Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report			11/10/11 01:53:33 AM			page 8		

Avge	14160.	28.81	46.54	480.6	1.539	1.727	19200.
SDev	34.	.44	2.86	1.2	.022	.114	33.
%RSD	.2374	1.524	6.147	.2504	1.436	6.622	.1719
#1	14180.	28.50	44.52	481.5	1.524	1.646	19170.
#2	14130.	29.12	48.56	479.8	1.555	1.808	19220.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.48	16.11	358.1	69550.	6636.	682.0	27.92
SDev	.01	.12	1.9	106.	9.	.0	.06
%RSD	.0649	.7313	.5386	.1531	.1352	.0029	.2123
#1	22.47	16.19	359.5	69480.	6643.	682.0	27.88
#2	22.49	16.02	356.8	69630.	6630.	682.0	27.96
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1867.	.4656	6021.	6.562	749.7	2.297	72.28
SDev	3.	.7102	2.	.133	2.6	2.181	.44
%RSD	.1769	152.6	.0276	2.024	.3420	94.96	.6107
#1	1864.	-.0367	6022.	6.468	751.5	.7546	71.97
#2	1869.	.9678	6020.	6.656	747.9	3.839	72.59
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	663.4	18.26	11.52	1398.	452.5	6009.	6027.
SDev	4.3	.09	.24	6.	.3	6.	.
%RSD	.6457	.5152	2.070	.4408	.0681	.0982	.0075
#1	660.4	18.33	11.69	1394.	452.7	6013.	6027.
#2	666.4	18.19	11.35	1402.	452.3	6005.	6027.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.320	8.171					
SDev	1.403	.900					
%RSD	42.27	11.01					
#1	4.312	7.535	Analysis Report				11/10/11 01:53:33
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#2	2.327	8.808					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1157	--	--	--	--	--	--
SDev	2.545567	--	--	--	--	--	--
%RSD	.2200753	--	--	--	--	--	--

#1	1155	--	--	--	--	--	--
#2	1158	--	--	--	--	--	--

Method: SW846		Sample Name: 460-33318-A-5-B@4			Operator:		
Run Time: 11/10/11 01:53:36							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31590.	157.0	87.47	1786.	1.560	20.97	22230.
SDev	48.	2.1	.88	5.	.015	.21	49.
%RSD	.1524	1.352	1.003	.2986	.9929	.9912	.2184
#1	31560.	155.5	88.09	1789.	1.549	21.11	22260.
#2	31630.	158.5	86.85	1782.	1.571	20.82	22200.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	108.0	43.02	583.7	169300.	13470.	2594.	86.14
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SDev	.2	.69	.4	443.	9.	1.	.07
%RSD	.2034	1.605	.0737	.2617	.0648	.0534	.0778
#1	108.2	43.51	584.0	169600.	13460.	2595.	86.19
#2	107.8	42.53	583.4	169000.	13470.	2593.	86.09
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1884.	6.054	3081.	12.12	263.7	1.736	135.0
SDev	16.	.331	5.	.58	15.8	.978	.1
%RSD	.8280	5.463	.1633	4.770	6.001	56.32	.0680
#1	1895.	6.287	3085.	11.71	274.9	2.428	135.0
#2	1873.	5.820	3078.	12.53	252.5	1.045	134.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	H6046.	37.88	12.53	289.6	1136.	3078.	3083.
SDev	1.	.31	1.47	1.8	2.	1.	8.
%RSD	.0107	.8185	11.70	.6120	.1820	.0431	.2661
#1	H6047.	37.66	11.50	288.3	1137.	3077.	3089.
#2	H6046.	38.10	13.57	290.8	1135.	3079.	3077.
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	10.09	13.12					
SDev	.21	.97					
%RSD	2.084	7.405					
#1	10.24	12.44					
#2	9.941	13.81					
Errors	NOCHECK	NOCHECK					
High							
Low							

Analysis

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1180	--	--	--	--	--	--
SDev	7.670624	--	--	--	--	--	--
%RSD	.6500617	--	--	--	--	--	--

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#1	1175	--	--	--	--	--	--
#2	1185	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-17-B@4 Operator:
Run Time: 11/10/11 01:59:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29660.	-1.811	8.242	207.0	3.364	.4103	6011.
SDev	122.	1.359	1.014	1.1	.001	.0652	38.
%RSD	.4102	75.01	12.30	.5250	.0317	15.89	.6344

#1	29580.	-2.772	7.525	206.3	3.365	.4565	5984.
#2	29750.	-.8506	8.959	207.8	3.364	.3642	6038.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	94.65	26.36	40.49	82010.	8489.	1912.	29.97
SDev	.28	.79	.04	594.	28.	12.	.70
%RSD	.2934	2.981	.1009	.7241	.3345	.6022	2.322

#1	94.45	25.80	40.47	81590.	8469.	1904.	29.48
#2	94.84	26.91	40.52	82430.	8509.	1920.	30.46

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1010.	.3968	30.98	2.715	-62.57	2.491	147.8

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SDev	11.	.0042	.93	.764	31.84	1.903	.7
%RSD	1.048	1.052	3.012	28.13	50.88	76.39	.4968

#1	1003.	.3939	30.32	3.256	-40.06	3.837	147.3
#2	1018.	.3998	31.64	2.175	-85.08	1.145	148.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	107.7	1.301	2.290	2.031	942.2	31.28	30.83
SDev	2.1	.375	.529	1.888	4.8	.75	1.77
%RSD	1.948	28.79	23.09	92.99	.5130	2.385	5.747

#1	106.2	1.037	1.916	3.366	938.8	31.81	29.58
#2	109.2	1.566	2.664	.6954	945.6	30.75	32.08

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	4.447	1.842
SDev	2.001	.146
%RSD	45.00	7.932
#1	5.862	1.945
#2	3.032	1.739
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1212	--	--	--	--	--	--
SDev	3.937166	--	--	--	--	--	--
%RSD	.3247843	--	--	--	--	--	--
#1	1215	--	--	--	--	--	--
#2	1209	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-19-B@4 Operator:
Run Time: 11/10/11 02:05:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34670.	13.54	29.40	3615.	.8932	13.19	94240.
SDev	10.	.26	1.50	4.	.0074	.18	145.
%RSD	.0294	1.891	5.112	.1125	.8326	1.376	.1538
#1	34680.	13.36	30.46	3617.	.8880	13.07	94140.
#2	34660.	13.72	28.34	3612.	.8985	13.32	94340.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	150.2	29.08	1290.	118300.	13910.	2326.	66.37
SDev	.2	.25	2.	43.	2.	2.	.39
%RSD	.1461	.8695	.1893	.0366	.0178	.0697	.5910
#1	150.1	28.90	1291.	118200.	13910.	2325.	66.65
#2	150.4	29.26	1288.	118300.	13910.	2327.	66.10

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3335.	11.13	17290.	8.139	1545.	.7114	46.51
SDev	10.	.11	8.	2.291	18.	.9343	.21
%RSD	.2969	1.007	.0479	28.15	1.160	131.3	.4425
#1	3342.	11.21	17300.	9.759	1532.	.0508	46.37
#2	3328.	11.05	17290.	6.519	1558.	1.372	46.66

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	H5147.	69.91	2.956	1334.	511.3	17260.	17310.
SDev	18.	.05	1.237	4.	.5	10.	18.
%RSD	.3557	.0745	41.87	.2966	.0968	.0596	.1014

#1	H5134.	69.87	3.831	1337.	510.9	17250.	17330.
#2	H5160.	69.94	2.081	1331.	511.6	17260.	17300.
Errors	LC High	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.603	8.897					
SDev	3.997	1.439					
%RSD	60.52	16.18					
#1	9.430	9.915					
#2	3.777	7.879					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1162	--	--	--	--	--	--
SDev	2.851042	--	--	--	--	--	--
%RSD	.2453092	--	--	--	--	--	--
#1	1160	--	--	--	--	--	--
#2	1164	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33318-A-19-B@10 Operator:
 Run Time: 11/10/11 02:11:57
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13340.	4.205	11.21	1386.	.3273	5.120	36160.
SDev	1910.	.049	1.65	209.	.0668	.622	5420.
%RSD	14.31	1.156	14.69	15.09	20.42	12.15	14.99
#1	14690.	4.170	12.37	1534.	.2801	5.559	40000.
#2	11990.	4.239	10.04	1238.	.3746	4.680	32330.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.14	10.65	486.3	45220.	5310.	889.9	25.33
SDev	8.53	2.15	72.6	6765.	771.	131.9	3.37
%RSD	14.92	20.21	14.92	14.96	14.52	14.82	13.30
#1	63.17	12.17	537.6	50000.	5855.	983.2	27.71
#2	51.11	9.129	435.0	40430.	4764.	796.7	22.95
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1137.	4.693	6827.	2.602	565.1	1.377	17.83
SDev	299.	1.069	813.	1.687	112.7	.352	2.69
%RSD	26.28	22.78	11.91	64.83	19.94	25.58	15.06
#1	1348.	3.937	7402.	3.795	644.8	1.128	19.73
#2	925.6	5.448	6252.	1.409	485.4	1.626	15.94
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2019.	27.73	.3235	510.3	194.0	6730.	6876.
SDev	250.	3.61	.2596	73.5	28.7	781.	829.
%RSD	12.38	13.03	80.23	14.41	14.82	11.61	12.05
#1	2196.	30.29	.5071	562.3	214.3	7283.	7462.
#2	1843.	25.18	.1400	458.3	173.7	6178.	6290.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem 1960/1 1960/2 ☐ Analysis Report 11/10/11 02:18:01
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Units	ppb	ppb
Avge	1.535	3.126
SDev	.046	2.551
%RSD	3.022	81.61
#1	1.502	4.931
#2	1.568	1.322
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1234	--	--	--	--	--	--
SDev	133.9317	--	--	--	--	--	--
%RSD	10.85740	--	--	--	--	--	--
#1	1139	--	--	--	--	--	--
#2	1328	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-21-B@4 Operator:
 Run Time: 11/10/11 02:18:04
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	53580.	92.15	55.16	315.0	7.512	3.755	79440.
SDev	90.	1.04	1.98	.5	.013	.090	25.
%RSD	.1686	1.132	3.595	.1546	.1678	2.390	.0312
#1	53510.	91.41	53.76	315.4	7.503	3.819	79460.
#2	53640.	92.89	56.57	314.7	7.521	3.692	79420.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	77.01	56.58	219.3	139800.	50420.	5226.	91.88
SDev	.44	.36	.3	64.	24.	5.	.19
%RSD	.5677	.6378	.1397	.0459	.0478	.0978	.2115
#1	76.70	56.83	219.5	139800.	50400.	5230.	92.02
#2	77.32	56.32	219.0	139700.	50430.	5223.	91.74
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	4706.	2.036	214.9	2.516	-305.5	2.443	220.2
SDev	54.	.259	.2	.605	35.6	.273	.5
%RSD	1.141	12.74	.1068	24.03	11.66	11.19	.2462
#1	4744.	2.220	214.8	2.944	-280.3	2.250	220.6
#2	4668.	1.853	215.1	2.089	-330.7	2.637	219.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	810.3	7.769	5.880	6.941	777.4	211.2	216.8
SDev	1.2	.029	.168	1.402	.4	.7	.0
%RSD	.1463	.3679	2.857	20.20	.0575	.3245	.0010
#1	809.4	7.749	5.999	7.932	777.7	210.7	216.8
#2	811.1	7.789	5.761	5.949	777.1	211.7	216.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.299	2.118					
SDev	.648	.583					
%RSD	19.64	27.54					
#1	3.757	2.530					
#2	2.840	1.705					
Errors	NOCHECK	NOCHECK					
High							
Low							

Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1310	--	--	--	--	--	--
SDev	4.921435	--	--	--	--	--	--
%RSD	.3757946	--	--	--	--	--	--
#1	1306	--	--	--	--	--	--
#2	1313	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-23-B@4 Operator:
Run Time: 11/10/11 02:24:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32580.	-.6463	31.86	330.9	3.457	1.271	46170.
SDev	203.	.1260	2.54	3.4	.016	.194	484.
%RSD	.6233	19.50	7.975	1.034	.4598	15.24	1.048
#1	32720.	-.7354	33.66	333.3	3.468	1.408	46510.
#2	32430.	-.5572	30.07	328.5	3.446	1.134	45830.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	61.86	27.31	92.38	76910.	29260.	1508.	44.26
SDev	.55	.54	.52	821.	173.	14.	.66
%RSD	.8949	1.964	.5654	1.068	.5909	.8967	1.492
#1	62.25	27.69	92.75	77490.	29380.	1517.	44.73

#2 61.46 26.93 92.01 76330. 29140. 1498. 43.80
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1852.	.8612	386.0	1.945	74.25	2.602	131.5
SDev	19.	.3396	5.3	.619	21.87	1.657	1.5
%RSD	1.041	39.43	1.383	31.82	29.46	63.69	1.107

#1	1866.	.6210	389.7	2.383	89.71	1.430	132.5
#2	1839.	1.101	382.2	1.507	58.78	3.774	130.4

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	416.1	5.941	2.172	55.89	938.9	381.4	388.3
SDev	3.4	.249	.225	1.58	8.7	7.6	4.2
%RSD	.8208	4.184	10.36	2.832	.9216	1.993	1.083

#1	418.5	5.765	2.013	57.01	945.0	386.7	391.2
#2	413.7	6.117	2.331	54.77	932.7	376.0	385.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.4998	2.658
SDev	3.754	2.802
%RSD	751.1	105.4

#1	-2.155	4.639
#2	3.154	.6765

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1202	--	--	--	--	--	--
SDev	3.360225	--	--	--	--	--	--
%RSD	.2795547	--	--	--	--	--	--

#1	1200	--	--	--	--	--	--
#2	1204	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-26-B@4 Operator:
 Run Time: 11/10/11 02:30:19
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38820.	2.701	28.61	393.5	5.036	2.557	58000.
SDev	2.	2.628	.32	.3	.012	.132	121.
%RSD	.0056	97.29	1.114	.0847	.2424	5.181	.2086

#1	38820.	4.560	28.83	393.8	5.028	2.463	57920.
#2	38820.	.8429	28.38	393.3	5.045	2.650	58090.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	71.66	38.23	75.66	86890.	36280.	4209.	56.08
SDev	.19	.62	.41	104.	9.	7.	.16
%RSD	.2616	1.619	.5465	.1203	.0249	.1640	.2812
#1	71.52	38.67	75.95	86810.	36290.	4204.	56.19
#2	71.79	37.79	75.37	86960.	36280.	4214.	55.97
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2628.	.8144	137.3	3.533	-82.00	1.937	139.7
SDev	6.	.4699	1.4	2.840	28.00	5.577	.1
%RSD	.2145	57.69	.9941	80.39	34.14	288.0	.0628
#1	2632.	1.147	136.4	5.541	-101.8	-2.007	139.6
#2	2624.	.4822	138.3	1.525	-62.20	5.880	139.8

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	2102.	14.69	8.258	5.895	1220.	137.1	137.4
SDev	10.	.74	.652	.184	.	.0	2.1
%RSD	.4838	5.035	7.898	3.116	.0296	.0112	1.495
#1	2095.	15.21	8.719	5.765	1220.	137.2	136.0
#2	2109.	14.17	7.797	6.025	1221.	137.1	138.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avg	3.757	3.413					
SDev	3.825	2.349					
%RSD	101.8	68.81					
#1	6.461	5.074					
#2	1.052	1.752					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1316	--	--	--	--	--	--
SDev	1.323754	--	--	--	--	--	--
%RSD	.1006008	--	--	--	--	--	--
#1	1315	--	--	--	--	--	--
#2	1317	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 02:36:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	123300.	993.8	4907.	9851.	976.1	2432.	120900.

SDev	193.	.1	16.	27.	2.2	5.	251.
%RSD	.1564	.0132	.3321	.2715	.2210	.1881	.2073
#1	123400.	993.9	4918.	9870.	977.6	2435.	121100.
#2	123200.	993.7	4895.	9832.	974.6	2429.	120700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4862.	2423.	12290.	97020.	122900.	4872.	2431.
SDev	10.	5.	20.	234.	209.	6.	5.
%RSD	.2099	.1947	.1631	.2409	.1701	.1207	.1945
#1	4869.	2427.	12310.	97190.	123000.	4876.	2434.
#2	4855.	2420.	12280.	96860.	122700.	4868.	2427.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48550.	1225.	9732.	4901.	123300.	4901.	2411.
SDev	103.	2.	15.	1.	273.	10.	3.
%RSD	.2130	.1959	.1506	.0195	.2216	.1965	.1106
#1	48620.	1226.	9742.	4900.	123500.	4908.	2413.
#2	48470.	1223.	9722.	4901.	123100.	4894.	2410.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2385.	985.9	2449.	968.9	9671.	9663.	9767.
SDev	2.	2.6	5.	1.6	14.	27.	9.
%RSD	.0764	.2661	.2223	.1698	.1422	.2780	.0876
#1	2386.	987.7	2453.	970.1	9681.	9682.	9773.
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#2	2384.	984.0	2445.	967.8	9661.	9644.	9761.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4891.	4906.					
SDev	24.	13.					
%RSD	.4813	.2688					
#1	4908.	4896.					
#2	4874.	4915.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1123	--	--	--	--	--	--
SDev	1.561297	--	--	--	--	--	--
%RSD	.1389984	--	--	--	--	--	--
#1	1122	--	--	--	--	--	--
#2	1124	--	--	--	--	--	--

Analysis

Method: SW846 Sample Name: CCB
 Run Time: 11/10/11 02:42:36
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
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Avge	31.57	-.9556	-.3410	-.4830	-.0543	.1831	3.524	
SDev	37.45	2.0003	.5329	.1439	.0573	.1367	6.189	
%RSD	118.6	209.3	156.2	29.79	105.5	74.69	175.6	
#1	5.090	.4588	-.7178	-.3813	-.0949	.0864	-.8523	
#2	58.04	-2.370	.0358	-.5847	-.0138	.2797	7.900	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.	
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.	
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb	
Avge	.3985	.0788	-1.647	2.777	12.07	.1998	.0656	
SDev	.2983	.3290	.498	9.456	7.10	.3288	.0000	
%RSD	74.84	417.4	30.25	340.4	58.80	164.6	.0599	
#1	.1876	.3115	-1.999	-3.909	7.054	-.0327	.0655	
#2	.6094	-.1538	-1.295	9.463	17.09	.4322	.0656	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00	
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00	
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb	
Avge	-22.09	-.0145	-3.841	.9587	-165.0	5.933	-.0315	
SDev	3.53	.0002	.053	.2332	85.6	1.842	.3389	
%RSD	15.98	1.169	1.385	24.33	51.87	31.04	1077.	
#1	-24.58	-.0144	-3.878	.7938	-225.5	7.236	-.2711	
#2	-19.59	-.0146	-3.803	1.124	-104.5	4.631	.2082	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00	
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb	
Avge	.8902	-.5179	.5288	.3603	.3370	-6.469	-2.532	
SDev	.5823	1.2217	.2932	.0271	.3562	1.359	.758	
%RSD	65.41	235.9	55.45	7.521	105.7	21.01	29.94	
#1	.4785	-1.382	.3214	.3412	.0851	-5.508	-3.069	
#2	1.302	.3460	.7361	.3795	.5888	-7.430	-1.996	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	30.00	50.00	20.00	50.00	20.00			
Low	-30.00	-50.00	-20.00	-50.00	-20.00			
Elem Units	1960/1 ppb	1960/2 ppb						
Avge	-.9235	1.889						
SDev	.1555	.427						
%RSD	16.84	22.62						
#1	-.8135	1.587	Analysis Report				11/10/11 02:48:43	
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#2	-1.033	2.191						
Errors	NOCHECK	NOCHECK						
High								
Low								

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1158	--	--	--	--	--	--
SDev	.0339225	--	--	--	--	--	--
%RSD	.0029302	--	--	--	--	--	--
#1	1158	--	--	--	--	--	--
#2	1158	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-28-B@4 Operator:
Run Time: 11/10/11 02:48:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27950.	.9406	29.87	310.5	3.121	1.437	9829.
SDev	1093.	.1732	.21	13.0	.069	.136	384.
%RSD	3.913	18.42	.7118	4.180	2.202	9.500	3.909
#1	27170.	.8181	29.72	301.3	3.072	1.340	9557.
#2	28720.	1.063	30.02	319.7	3.169	1.533	10100.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.88	26.72	76.83	81080.	7948.	2017.	34.74

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SDev	3.27	1.62	3.20	3145.	295.	77.	1.62
%RSD	5.652	6.048	4.161	3.879	3.707	3.803	4.659
#1	55.56	25.58	74.57	78860.	7740.	1963.	33.60
#2	60.19	27.86	79.09	83300.	8156.	2071.	35.89

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1442.	1.074	327.6	5.391	102.9	2.213	120.2
SDev	88.	.110	10.2	.639	51.8	2.552	5.1
%RSD	6.118	10.29	3.126	11.86	50.34	115.3	4.256
#1	1380.	1.152	320.3	4.939	139.5	.4080	116.6
#2	1505.	.9960	334.8	5.843	66.26	4.017	123.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	328.7	7.621	1.959	9.480	938.5	329.7	326.5
SDev	11.9	1.840	2.579	2.165	36.3	12.2	9.3
%RSD	3.609	24.14	131.7	22.84	3.872	3.703	2.835
#1	320.3	6.320	.1352	7.950	912.9	321.1	319.9
#2	337.1	8.922	3.782	11.01	964.2	338.4	333.0

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.636	6.758
SDev	3.109	.594
%RSD	117.9	8.787

#1	.4376	7.178					
#2	4.834	6.338					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1188	--	--	--	--	--	--
SDev	34.28061	--	--	--	--	--	--
%RSD	2.886389	--	--	--	--	--	--

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#1	1212	--	--	--	--	--	--
#2	1163	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-32-B@4 Operator:
Run Time: 11/10/11 02:54:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18400.	117.7	144.0	1604.	1.502	5.716	39370.
SDev	58.	.7	.7	5.	.001	.058	10.
%RSD	.3159	.5826	.4595	.3341	.0810	1.012	.0255
#1	18440.	117.3	143.5	1607.	1.502	5.675	39370.
#2	18360.	118.2	144.4	1600.	1.501	5.757	39380.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	208.8	21.18	8449.	147500.	12760.	2680.	55.11
SDev	.1	.09	29.	90.	47.	1.	.16
%RSD	.0260	.4117	.3447	.0613	.3717	.0501	.2849
#1	208.9	21.12	8469.	147500.	12800.	2681.	55.00
#2	208.8	21.24	8428.	147400.	12730.	2679.	55.22
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1011.	3.419	4800.	7.301	-414.0	1.433	82.33

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SDev	.	.094	3.	.490	27.0	.773	.04
%RSD	.0440	2.742	.0702	6.718	6.514	53.92	.0427
#1	1011.	3.353	4798.	6.954	-394.9	1.980	82.35
#2	1010.	3.485	4803.	7.648	-433.1	.8870	82.30
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3603.	9.734	1.974	1151.	571.9	4779.	4811.
SDev	1.	.079	.178	3.	1.2	1.	5.
%RSD	.0350	.8143	9.004	.2685	.2160	.0181	.1140

#1	3602.	9.678	2.099	1149.	572.7	4779.	4808.
#2	3604.	9.790	1.848	1153.	571.0	4778.	4815.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.684	8.099					
SDev	1.562	1.515					
%RSD	27.47	18.70					
#1	6.788	7.028					
#2	4.580	9.171					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1178	--	--	--	--	--	--
SDev	4.140873	--	--	--	--	--	--
%RSD	.3515554	--	--	--	--	--	--
#1	1175	--	--	--	--	--	--
#2	1181	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-32-B@10 Operator:
Run Time: 11/10/11 03:01:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7865.	49.08	60.71	681.5	.5136	2.209	16860.
SDev	28.	1.03	2.15	1.9	.0230	.012	111.
%RSD	.3606	2.088	3.534	.2854	4.472	.5567	.6581
#1	7845.	48.36	62.23	682.9	.4973	2.218	16940.
#2	7885.	49.81	59.19	680.1	.5298	2.200	16780.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	88.80	8.892	3595.	63250.	5442.	1151.	23.83
SDev	.56	.355	4.	379.	10.	6.	.49
%RSD	.6266	3.997	.1244	.5993	.1870	.5459	2.058
#1	89.19	9.143	3598.	63510.	5449.	1155.	24.18
#2	88.41	8.640	3592.	62980.	5434.	1146.	23.48
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	407.9	1.437	2073.	3.533	-161.7	2.890	34.85
SDev	8.9	.086	11.	.882	87.5	3.387	.23
%RSD	2.180	5.974	.5293	24.98	54.12	117.2	.6480
#1	414.2	1.498	2081.	2.909	-99.81	.4947	35.01
#2	401.6	1.376	2065.	4.157	-223.6	5.285	34.69
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem Units Report	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb	☐ Analysis
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Avge	1561.	4.046	.3597	492.7	243.2	2060.	2080.
SDev	10.	.664	1.085	4.4	1.2	9.	12.
%RSD	.6539	16.42	301.5	.8971	.4758	.4267	.5800
#1	1568.	3.576	-.4073	495.9	244.0	2066.	2088.
#2	1554.	4.515	1.127	489.6	242.3	2054.	2071.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.431	2.576					
SDev	2.968	.159					
%RSD	54.66	6.174					
#1	3.332	2.688					
#2	7.530	2.464					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1143	--	--	--	--	--	--
SDev	3.258371	--	--	--	--	--	--
%RSD	.2851137	--	--	--	--	--	--
#1	1141	--	--	--	--	--	--
#2	1145	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33318-A-32-B@20 Operator:
Run Time: 11/10/11 03:07:11
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3860.	24.45	29.39	333.2	.1465	1.198	8269.
SDev	39.	1.30	1.68	6.1	.0164	.032	139.
%RSD	1.000	5.303	5.702	1.823	11.20	2.691	1.684
#1	3888.	25.37	30.58	337.5	.1349	1.221	8367.
#2	3833.	23.54	28.21	328.9	.1581	1.176	8170.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.07	4.178	1754.	31060.	2664.	564.0	11.42
SDev	.72	.263	32.	543.	44.	9.8	.07
%RSD	1.636	6.292	1.849	1.747	1.644	1.736	.6317
#1	44.58	4.364	1777.	31440.	2695.	570.9	11.47
#2	43.56	3.992	1731.	30680.	2633.	557.0	11.37
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	170.9	.7017	1023.	3.420	-182.2	.0508	17.17
SDev	11.2	.0817	28.	.657	57.6	.4717	.14

%RSD	6.546	11.65	2.702	19.20	31.64	928.4	.8430
#1	178.8	.6439	1042.	3.884	-141.4	-.2827	17.27
#2	163.0	.7595	1003.	2.955	-222.9	.3843	17.06
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	774.1	1.630	-.2818	243.0	118.5	1004.	1033.
SDev	18.4	.009	.1165	6.7	1.9	10.	37.
%RSD	2.382	.5434	41.33	2.756	1.619	.9634	3.546
#1	787.2	1.636	-.3641	247.7	119.8	1011.	1058.
#2	761.1	1.623	-.1994	238.2	117.1	996.8	1007.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	□□Analysis Report				11/10/11 03:13:17
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Units	ppb	ppb
Avge	.2233	5.006
SDev	.1096	.930
%RSD	49.10	18.57
#1	.3008	5.663
#2	.1458	4.349
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	5.668248	--	--	--	--	--	--
%RSD	.4937120	--	--	--	--	--	--
#1	1144	--	--	--	--	--	--
#2	1152	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 03:13:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124300.	1005.	4963.	9986.	986.7	2437.	121900.
SDev	233.	8.	36.	29.	5.5	20.	691.
%RSD	.1875	.8157	.7330	.2947	.5598	.8357	.5669
#1	124500.	1011.	4989.	10010.	990.6	2451.	122400.
#2	124100.	999.7	4938.	9965.	982.8	2422.	121400.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4902.	2444.	12370.	98090.	123900.	4904.	2446.
SDev	25.	14.	34.	507.	319.	24.	23.
%RSD	.5200	.5816	.2726	.5165	.2577	.4929	.9460
#1	4920.	2455.	12400.	98450.	124100.	4921.	2463.

#2	4884.	2434.	12350.	97740.	123600.	4887.	2430.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49350.	1238.	9761.	4953.	124400.	4929.	2432.
SDev	288.	5.	30.	32.	95.	36.	11.
%RSD	.5844	.4110	.3027	.6475	.0761	.7237	.4607
#1	49550.	1242.	9782.	4975.	124500.	4955.	2440.
#2	49140.	1234.	9740.	4930.	124400.	4904.	2424.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2391.	990.9	2464.	981.3	9771.	9683.	9800.
SDev	20.	6.6	17.	5.6	41.	38.	25.
%RSD	.8324	.6636	.7073	.5678	.4161	.3960	.2567
#1	2405.	995.6	2476.	985.3	9800.	9710.	9818.
#2	2377.	986.3	2451.	977.4	9743.	9655.	9782.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4922.	4968.					
SDev	17.	39.					
%RSD	.3513	.7940					
#1	4934.	4996.					
#2	4910.	4940.					
Errors	NOCHECK	NOCHECK					
High							
Low							

Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1104	--	--	--	--	--	--
SDev	5.905792	--	--	--	--	--	--
%RSD	.5348751	--	--	--	--	--	--
#1	1100	--	--	--	--	--	--
#2	1108	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 11/10/11 03:19:28

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.40	-.3268	-.6085	-.4319	-.1042	.2213	2.473
SDev	28.56	.7848	1.6138	.0725	.0123	.1091	.923
%RSD	83.03	240.1	265.2	16.80	11.78	49.31	37.32
#1	14.21	.2281	.5326	-.3806	-.1129	.1441	1.820
#2	54.60	-.8818	-1.750	-.4832	-.0955	.2985	3.125
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7507	.1941	.2945	10.67	20.17	.1709	.2971
SDev	.1295	.1648	.2288	11.18	4.71	.1211	.3720
%RSD	17.24	84.93	77.71	104.8	23.34	70.87	125.2
#1	.6592	.0775	.1327	2.761	16.84	.0853	.5601
#2	.8422	.3106	.4563	18.57	23.49	.2566	.0340

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-32.54	.6732	-3.744	1.177	-113.1	6.388	.5458
SDev	3.43	.1289	.612	1.948	33.9	1.101	.0554
%RSD	10.54	19.15	16.36	165.5	30.02	17.24	10.14
#1	-34.97	.5820	-4.178	-.2004	-137.1	5.609	.5067
#2	-30.12	.7643	-3.311	2.554	-89.08	7.167	.5850

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.098	.3843	1.239	.4538	.5529	-3.271	-3.985
SDev	.281	.0571	1.604	.5277	.1007	.171	1.004
%RSD	25.54	14.85	129.5	116.3	18.22	5.230	25.19
#1	.9001	.4246	2.373	.8269	.4817	-3.150	-4.694
#2	1.297	.3439	.1042	.0806	.6242	-3.392	-3.275

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.382	.5662
SDev	1.753	2.046
%RSD	73.57	361.3
#1	1.143	-.8802
#2	3.622	2.013

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1157	--	--	--	--	--	--
SDev	2.613412	--	--	--	--	--	--
%RSD	.2258658	--	--	--	--	--	--
#1	1155	--	--	--	--	--	--
#2	1159	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-92202/1-A Operator:
Run Time: 11/10/11 03:25:37
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.85	-.7932	1.020	-.5310	-.1542	.0986	-2.874
SDev	20.49	.0864	3.011	.2199	.1265	.2626	8.971

%RSD	73.55	10.89	295.2	41.40	82.02	266.3	312.1
#1	13.37	-.7321	3.149	-.3755	-.0648	.2843	3.469
#2	42.34	-.8543	-1.109	-.6865	-.2436	-.0871	-9.217
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0828	-.1068	-.8845	23.94	14.79	.0704	.4079
SDev	.5400	.0847	1.1382	9.60	14.54	.3764	.4290
%RSD	652.1	79.27	128.7	40.11	98.29	534.6	105.2
#1	.2990	-.1667	-.0796	30.74	25.06	.3366	.1045
#2	-.4647	-.0470	-1.689	17.15	4.509	-.1957	.7112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-24.19	.8947	-4.490	1.580	-26.08	3.243	.4088
SDev	6.58	.3742	.812	.824	141.52	.605	.2786
%RSD	27.20	41.82	18.08	52.16	542.6	18.66	68.15
#1	-19.53	1.159	-3.916	2.163	73.99	2.815	.6059
#2	-28.84	.6302	L-5.064	.9973	-126.1	3.671	.2118
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.029	.6654	.2375	1.006	.0301	-6.219	-3.631
SDev	.072	.4517	.7072	.842	.6482	.297	1.366
%RSD	7.025	67.88	297.7	83.73	2157.	4.779	37.61
#1	1.080	.3460	.7376	1.601	.4884	-6.430	-2.665
#2	.9777	.9848	-.2625	.4102	-.4283	-6.009	-4.597
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.398	4.056					
SDev	2.960	2.714					
%RSD	87.12	66.90					
#1	-5.491	5.975					
#2	-1.305	2.137					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1136	--	--	--	--	--	--
SDev	.5431050	--	--	--	--	--	--
%RSD	.0478099	--	--	--	--	--	--
#1	1136	--	--	--	--	--	--
#2	1136	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-92202/2-A Operator:
Run Time: 11/10/11 03:31:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2024.	500.6	1999.	2057.	49.44	50.76	20310.
SDev	19.	1.3	5.	3.	.14	.03	50.
%RSD	.9491	.2621	.2506	.1372	.2756	.0645	.2481
#1	2010.	501.6	1995.	2059.	49.34	50.74	20270.
#2	2037.	499.7	2002.	2055.	49.54	50.79	20340.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2400.	600.0	2400.	2400.	60.00	60.00	24000.
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	203.4	494.4	246.8	1019.	19190.	515.9	498.8
SDev	.2	1.0	.1	2.	15.	.6	.9
%RSD	.1029	.1939	.0493	.1629	.0802	.1226	.1812
#1	203.2	493.7	246.9	1020.	19200.	515.4	498.2
#2	203.5	495.1	246.7	1018.	19180.	516.3	499.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20080.	50.50	496.3	1951.	19370.	1975.	496.6
SDev	82.	.09	2.3	1.	30.	6.	.7
%RSD	.4083	.1758	.4647	.0553	.1541	.3196	.1444
#1	20140.	50.44	497.9	1950.	19390.	1970.	496.1
#2	20020.	50.56	494.6	1951.	19350.	1979.	497.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	499.4	487.4	501.0	497.9	509.5	495.0	496.9
SDev	2.9	.4	1.9	.8	.2	1.8	4.3
%RSD	.5861	.0854	.3762	.1692	.0297	.3545	.8721
#1	497.3	487.1	502.4	498.5	509.6	493.7	500.0
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#2	501.4	487.7	499.7	497.3	509.4	496.2	493.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	600.0	600.0	600.0	600.0	600.0		
Low	400.0	400.0	400.0	400.0	400.0		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1936.	1958.					
SDev	3.	.					
%RSD	.1584	.0043					
#1	1934.	1958.					
#2	1938.	1958.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	1124	--	--	--	--	--	--
SDev	1.663151	--	--	--	--	--	--
%RSD	.1479556	--	--	--	--	--	--
#1	1123	--	--	--	--	--	--
#2	1125	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-B-1-B DU Operator:
Run Time: 11/10/11 03:37:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
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Avge	58.19	.1152	7.823	570.5	-.2781	-.0892	36940.
SDev	17.00	2.005	.056	1.1	.0097	.1059	32.
%RSD	29.22	1741.	.7156	.1940	3.494	118.6	.0869

#1	46.17	-1.303	7.783	569.7	-.2712	-.1641	36920.
#2	70.21	1.533	7.862	571.3	-.2850	-.0144	36960.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6129	51.28	-1.871	42950.	62270.	6544.	6.989
SDev	.0699	.17	.384	11.	228.	12.	1.302
%RSD	11.40	.3304	20.53	.0261	.3661	.1884	18.63

#1	-.5635	51.40	-1.599	42940.	62110.	6535.	6.068
#2	-.6623	51.16	-2.142	42960.	62430.	6553.	7.910

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6212.	1.095	-2.860	3.421	178300.	2.941	.9252
SDev	2.	.016	.162	.228	764.	.652	.2837
%RSD	.0362	1.445	5.679	6.657	.4285	22.17	30.66

#1	6211.	1.106	-2.975	3.582	177800.	3.402	1.126
#2	6214.	1.083	-2.746	3.260	178800.	2.480	.7246

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.2	502.2	5.021	2.333	-.1439	-2.636	-2.977
SDev	.6	.3	.114	1.047	.1624	.059	.273
%RSD	.5681	.0633	2.265	44.89	112.9	2.255	9.178

#1	102.7	502.0	5.101	3.073	-.0291	-2.593	-3.170
#2	101.8	502.5	4.940	1.592	-.2587	-2.678	-2.784

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.143	4.548
SDev	4.291	1.801
%RSD	375.4	39.60

#1	4.177	3.275	Analysis Report	11/10/11 03:43:59
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#2	-1.891	5.822					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	1.968626	--	--	--	--	--	--
%RSD	.1804357	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1090	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-E-1-C Operator:
Run Time: 11/10/11 03:44:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76.48	-1.579	7.921	557.0	-.2984	-.0615	36140.
SDev	17.61	.088	1.169	1.4	.0271	.0326	190.
%RSD	23.03	5.591	14.76	.2457	9.067	53.07	.5262
#1	64.02	-1.641	8.748	556.0	-.3176	-.0845	36000.
#2	88.93	-1.517	7.095	558.0	-.2793	-.0384	36270.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4643	50.02	-1.983	41980.	60770.	6393.	6.537
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SDev	.0685	.55	.112	219.	129.	30.	.331
%RSD	14.76	1.101	5.631	.5215	.2130	.4643	5.069
#1	-.5128	50.41	-1.904	41820.	60670.	6372.	6.302
#2	-.4159	49.63	-2.062	42130.	60860.	6414.	6.771

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6054.	.9176	-3.012	.4648	174900.	1.603	.9600
SDev	48.	.0515	1.600	.1271	175.	5.326	.0678
%RSD	.7997	5.608	53.12	27.35	.1001	332.2	7.062

#1	6020.	.8812	-1.880	.5546	174800.	5.369	1.008
#2	6088.	.9539	-4.143	.3749	175000.	-2.163	.9120

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	100.8	492.1	4.806	.6083	-.2339	-2.584	-3.229
SDev	.7	4.6	.244	1.369	.0788	.030	2.384
%RSD	.7339	.9444	5.073	225.1	33.68	1.155	73.81

#1	100.3	488.8	4.634	1.576	-.2896	-2.563	-1.544
#2	101.3	495.4	4.979	-.3599	-.1782	-2.605	-4.915

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	5000.	2000.	5000.	2000.	20000.
Low	-30.00	-10.00	-10.00	-10.00	-10.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.2468	.8106
SDev	.3704	.0056
%RSD	150.1	.6952

#1	.0151	.8145
#2	-.5087	.8066

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1109	--	--	--	--	--	--
SDev	3.020827	--	--	--	--	--	--
%RSD	.2723174	--	--	--	--	--	--

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□□Analysis

#1	1111	--	--	--	--	--	--
#2	1107	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-33168-E-1-C@5 Operator:
Run Time: 11/10/11 03:50:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.35	.1814	1.716	110.2	-.2215	-.1457	7312.
SDev	19.05	.1457	1.712	.2	.0122	.0529	4.
%RSD	89.23	80.36	99.77	.1917	5.509	36.33	.0514
#1	7.879	.0783	.5053	110.1	-.2129	-.1083	7310.
#2	34.82	.2844	2.926	110.4	-.2301	-.1831	7315.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2931	10.37	-2.522	8446.	11940.	1312.	.6783
SDev	.6401	.40	.115	5.	17.	1.	.2394
%RSD	218.4	3.839	4.545	.0633	.1393	.1143	35.29
#1	-.7458	10.65	-2.441	8443.	11930.	1311.	.8476
#2	.1595	10.09	-2.604	8450.	11950.	1313.	.5090

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	977.0	.3486	-3.623	1.340	35030.	1.816	.4785

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□□Analysis

SDev	3.4	.1653	.729	.667	90.	.823	.2087
%RSD	.3530	47.41	20.12	49.80	.2561	45.31	43.61

#1	974.6	.4655	-4.138	.8682	34970.	2.398	.3309
#2	979.4	.2318	-3.107	1.812	35100.	1.234	.6261

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.

Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	21.01	99.25	-.1236	1.050	-.4444	-5.828	-2.526
SDev	.40	.71	.2350	.842	.0763	.376	.905
%RSD	1.883	.7172	190.1	80.18	17.18	6.460	35.82
#1	21.29	99.76	-.2898	1.646	-.4984	-6.094	-3.165
#2	20.73	98.75	.0425	.4548	-.3904	-5.562	-1.886
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.300	1.351					
SDev	2.461	2.229					
%RSD	189.4	165.0					
#1	3.040	-.2254					
#2	-.4407	2.927					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1140	--	--	--	--	--	--
SDev	2.172247	--	--	--	--	--	--
%RSD	.1905079	--	--	--	--	--	--
#1	1142	--	--	--	--	--	--
#2	1139	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-33168-E-1-D MS	Operator:			
Run Time:	11/10/11 03:56:19						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2113.	507.0	2032.	2642.	49.03	49.88	55890.
SDev	24.	5.3	35.	45.	.85	.29	936.
%RSD	1.133	1.038	1.741	1.706	1.734	.5811	1.675
#1	2130.	510.8	2057.	2674.	49.63	50.09	56550.
#2	2096.	503.3	2007.	2610.	48.43	49.68	55220.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	200.8	544.1	255.0	42780.	81200.	6863.	503.0
SDev	3.1	9.0	5.1	763.	1347.	118.	9.0
%RSD	1.541	1.650	2.002	1.784	1.659	1.721	1.784
#1	203.0	550.4	258.6	43320.	82160.	6946.	509.4
#2	198.6	537.7	251.4	42240.	80250.	6779.	496.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28000.	52.13	493.9	1958.	195400.	1985.	497.1
SDev	474.	1.24	8.7	35.	2818.	29.	9.0
%RSD	1.695	2.388	1.755	1.782	1.442	1.475	1.805

#1	28330.	53.01	500.0	1983.	197400.	2006.	503.4
#2	27660.	51.25	487.7	1934.	193400.	1965.	490.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	583.0	989.2	504.9	498.6	512.3	493.4	494.1
SDev	8.4	14.5	9.6	9.1	9.0	6.5	9.8
%RSD	1.441	1.470	1.893	1.832	1.766	1.313	1.976
#1	588.9	999.5	511.6	505.0	518.7	498.0	501.0
#2	577.0	979.0	498.1	492.1	505.9	488.8	487.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1946.	1964.					
SDev	33.	36.					
%RSD	1.685	1.830					
#1	1969.	1990.					
#2	1923.	1939.					

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1101	--	--	--	--	--	--
SDev	17.47966	--	--	--	--	--	--
%RSD	1.588309	--	--	--	--	--	--
#1	1088	--	--	--	--	--	--
#2	1113	--	--	--	--	--	--

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Method: SW846 Sample Name: PDS 460-33168-E-1-C Operator:
Run Time: 11/10/11 04:02:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2072.	498.0	1992.	2598.	47.96	49.16	55090.
SDev	19.	3.0	2.	1.	.02	.10	50.
%RSD	.9287	.6070	.0859	.0405	.0518	.1958	.0906
#1	2058.	495.8	1993.	2597.	47.94	49.23	55130.
#2	2085.	500.1	1991.	2598.	47.98	49.09	55060.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	196.4	532.0	251.1	42330.	80510.	6793.	493.2
SDev	.7	.5	.0	32.	6.	1.	1.0
%RSD	.3519	.0893	.0041	.0746	.0072	.0153	.1932
#1	195.9	532.4	251.1	42350.	80500.	6794.	492.6
#2	196.9	531.7	251.1	42300.	80510.	6793.	493.9

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27730.	42.05	485.1	1925.	194200.	1944.	488.0
SDev	40.	.42	.6	4.	294.	3.	.8
%RSD	.1426	1.002	.1315	.2171	.1516	.1798	.1566
#1	27750.	42.35	485.6	1928.	194400.	1946.	488.5
#2	27700.	41.76	484.7	1922.	194000.	1941.	487.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	573.0	976.5	494.3	490.7	502.6	480.6	487.3
SDev	.6	.7	.2	2.0	.3	.6	1.3
%RSD	.1049	.0684	.0399	.4160	.0618	.1296	.2601
#1	572.6	976.1	494.4	489.3	502.4	480.2	488.2
#2	573.4	977.0	494.1	492.2	502.8	481.1	486.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				11/10/11 04:08:33
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Units	ppb	ppb					
Avge	1910.	1932.					
SDev	1.	7.					
%RSD	.0631	.3555					
#1	1909.	1937.					
#2	1911.	1927.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1108	--	--	--	--	--	--
SDev	1.153969	--	--	--	--	--	--
%RSD	.1041638	--	--	--	--	--	--
#1	1109	--	--	--	--	--	--
#2	1107	--	--	--	--	--	--

Method: SW846		Sample Name: 460-33311-D-1-A			Operator:		
Run Time: 11/10/11 04:08:37							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.75	-.8180	-.3032	94.36	-.3122	-.1129	54980.
SDev	19.77	.1534	2.6199	.06	.0291	.0260	149.
%RSD	43.22	18.75	864.0	.0678	9.323	23.01	.2708
#1	31.77	-.7095	-2.156	94.40	-.3328	-.0945	54870.
#2	59.73	-.9264	1.549	94.31	-.2916	-.1313	55080.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1104	3.619	-1.346	664.5	17740.	9361.	2.193
SDev	.0717	.255	.005	5.7	1.	15.	.464
%RSD	64.97	7.038	.3670	.8547	.0037	.1589	21.18
#1	-.0597	3.439	-1.342	660.5	17740.	9350.	2.521
#2	-.1611	3.800	-1.349	668.5	17740.	9371.	1.864
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11270.	.9890	-4.656	1.425	37100.	1.514	.1739
SDev	25.	.5728	.485	2.939	29.	1.476	.2059
%RSD	.2225	57.92	10.41	206.2	.0782	97.49	118.4
#1	11290.	.5840	-4.999	-.6531	37120.	2.558	.0283
#2	11250.	1.394	-4.313	3.503	37080.	.4704	.3195
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.431	257.5	1.882	-.5873	-.9091	-3.785	-5.095
SDev	.084	.1	.773	.0528	.0258	1.601	1.526
%RSD	.9964	.0487	41.05	8.996	2.843	42.31	29.95
#1	8.491	257.4	2.428	-.5499	-.8908	-2.652	-6.174
#2	8.372	257.6	1.336	-.6246	-.9273	-4.917	-4.016
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.871	3.561					
SDev	3.154	2.832					
%RSD	109.8	79.54					
#1	-5.101	1.558					
#2	-.6411	5.563					
Errors	NOCHECK	NOCHECK					
High							
Low							

□□ Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1110	--	--	--	--	--	--
SDev	.7467262	--	--	--	--	--	--
%RSD	.0672581	--	--	--	--	--	--
#1	1110	--	--	--	--	--	--
#2	1111	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33311-D-2-A Operator:
Run Time: 11/10/11 04:14:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.82	-.7110	1.146	62.54	-.2864	.0892	62070.
SDev	29.39	.1149	.406	.02	.0115	.1450	101.

%RSD	82.05	16.16	35.42	.0348	4.017	162.6	.1631
#1	15.04	-.6298	.8591	62.56	-.2782	.1917	62000.
#2	56.60	-.7923	1.433	62.53	-.2945	-.0134	62150.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avg	-.5262	1.075	-.7106	1.283	10560.	3829.	2.356
SDev	.1723	.086	.2817	6.649	47.	13.	.408
%RSD	32.74	8.020	39.65	518.0	.4471	.3414	17.30
#1	-.6480	1.014	-.9098	-3.418	10530.	3820.	2.644
#2	-.4044	1.136	-.5114	5.985	10590.	3839.	2.067

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Errors High	LC Pass 10000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avg	8002.	.5972	L-5.022	6.062	23090.	1.987	.1777
SDev	71.	.3069	.445	1.688	151.	1.154	.2106
%RSD	.8866	51.40	8.861	27.84	.6555	58.09	118.5
#1	7952.	.3802	L-5.336	4.869	22980.	2.803	.0288
#2	8052.	.8142	-4.707	7.256	23200.	1.171	.3267
Errors High	LC Pass 100000.	LC Pass 2500.	LC Low 20000.	LC Pass 10000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avg	6.481	129.5	1.194	2.289	-.9155	-5.506	-4.784
SDev	.043	1.0	.121	.054	.0032	1.806	.235
%RSD	.6590	.7425	10.18	2.360	.3511	32.81	4.906
#1	6.512	130.2	1.108	2.251	-.9132	-6.783	-4.618
#2	6.451	128.8	1.279	2.327	-.9177	-4.228	-4.950
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avg	.2177	8.971					
SDev	4.079	.494					
%RSD	1874.	5.504					
#1	-2.667	8.622					
#2	3.102	9.320					
Errors High	NOCHECK	NOCHECK					
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1124	--	--	--	--	--	--
SDev	3.563846	--	--	--	--	--	--
%RSD	.3170433	--	--	--	--	--	--
#1	1127	--	--	--	--	--	--
#2	1122	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33311-D-3-A Operator:

Run Time: 11/10/11 04:20:55
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.09	.7827	.0884	80.65	-.3011	-.2602	49990.
SDev	17.70	.5328	.2921	.80	.0200	.0584	141.
%RSD	65.35	68.07	330.6	.9864	6.630	22.44	.2817
#1	14.57	.4060	-.1182	81.21	-.3152	-.3015	49890.
#2	39.61	1.159	.2949	80.09	-.2870	-.2189	50090.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6897	10.96	-.7821	16.71	15440.	2072.	5.774
SDev	.4100	.53	.6592	4.23	9.	5.	.112
%RSD	59.45	4.837	84.28	25.32	.0572	.2602	1.944
#1	-.9797	10.59	-1.248	13.72	15450.	2068.	5.854
#2	-.3998	11.34	-.3160	19.71	15430.	2076.	5.695
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10700.	.6887	-4.446	1.934	38700.	2.234	.5586
SDev	3.	.2430	.707	1.200	33.	.239	.0708
%RSD	.0270	35.28	15.89	62.02	.0859	10.68	12.68
#1	10700.	.5169	-3.946	2.782	38680.	2.065	.5086
#2	10700.	.8605	-4.945	1.086	38730.	2.402	.6087
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.90	134.7	-.9955	.8277	-.7691	-4.633	-4.357
SDev	.26	.7	.0767	.0313	.0505	1.285	1.701
%RSD	1.774	.5050	7.705	3.777	6.573	27.75	39.05
#1	14.71	134.2	-.9412	.8498	-.8048	-5.541	-3.154
#2	15.08	135.2	-1.050	.8056	-.7333	-3.724	-5.559
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.240	2.271					
SDev	.516	1.540					
%RSD	41.63	67.84					
#1	1.606	3.360					
#2	.8753	1.182					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	1121	--	--	--	--	--	--
SDev	2.341946	--	--	--	--	--	--
%RSD	.2088413	--	--	--	--	--	--
#1	1123	--	--	--	--	--	--
#2	1120	--	--	--	--	--	--

Method:	SW846	Sample Name:			CCV 1200071	Operator:	
Run Time:	11/10/11 04:27:04						
Comment:							
Mode:	CONC	Corr. Factor:		1			
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125200.	1007.	4986.	10080.	989.1	2439.	121800.
SDev	592.	3.	24.	44.	2.3	5.	243.
%RSD	.4726	.3049	.4729	.4334	.2373	.2114	.1996
#1	124800.	1005.	4969.	10050.	987.4	2436.	121700.
#2	125700.	1009.	5003.	10110.	990.8	2443.	122000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4905.	2449.	12510.	98180.	124800.	4909.	2452.
SDev	12.	8.	57.	271.	574.	12.	4.
%RSD	.2532	.3333	.4570	.2757	.4597	.2522	.1734
#1	4896.	2443.	12470.	97980.	124400.	4900.	2449.
#2	4913.	2455.	12550.	98370.	125300.	4918.	2455.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49880.	1241.	9788.	4999.	125500.	4939.	2438.
SDev	62.	5.	13.	9.	612.	22.	8.
%RSD	.1247	.3700	.1301	.1844	.4876	.4530	.3224
#1	49840.	1238.	9779.	4992.	125000.	4923.	2433.
#2	49920.	1244.	9797.	5005.	125900.	4955.	2444.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2384.	996.8	2470.	984.0	9822.	9719.	9822.
SDev	6.	2.2	5.	1.6	32.	9.	15.
%RSD	.2364	.2251	.1983	.1582	.3276	.0896	.1502
#1	2380.	995.2	2466.	982.9	9799.	9713.	9812.
Report	11/10/11 04:33:10 AM						Analysis
#2	2388.	998.4	2473.	985.1	9844.	9725.	9833.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4979.	5008.					
SDev	17.	5.					
%RSD	.3446	.1049					
#1	4967.	5004.					
#2	4991.	5012.					

Errors High Low	NOCHECK	NOCHECK						
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1098	--	--	--	--	--	--	
SDev	.3393974	--	--	--	--	--	--	
%RSD	.0309038	--	--	--	--	--	--	
#1	1098	--	--	--	--	--	--	
#2	1098	--	--	--	--	--	--	

Method: SW846		Sample Name: CCB			Operator:			
Run Time: 11/10/11		04:33:13						
Comment:								
Mode: CONC		Corr. Factor: 1						
Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
	11/10/11 04:39:19 AM						page 83	
Avge	40.88	-.8004	-.1274	.3117	-.1634	.1991	4.147	
SDev	5.72	2.4206	1.7012	.9653	.1080	.2603	10.19	
%RSD	13.99	302.4	1336.	309.7	66.08	130.7	245.8	
#1	36.84	.9112	1.076	.9943	-.0871	.3831	11.36	
#2	44.92	-2.512	-1.330	-.3709	-.2397	.0151	-3.061	
Errors High Low	LC Pass 200.0 -200.0	LC Pass 10.00 -10.00	LC Pass 5.000 -5.000	LC Pass 200.0 -200.0	LC Pass 2.000 -2.000	LC Pass 4.000 -4.000	LC Pass 1000. -1000.	
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb	
Avge	.5546	.3026	.0427	5.191	18.26	.2624	.2032	
SDev	.3412	.0015	1.021	13.39	18.46	.4659	.3616	
%RSD	61.52	.4995	2390.	258.0	101.1	177.6	178.0	
#1	.7958	.3015	.7645	14.66	31.32	.5918	-.0526	
#2	.3133	.3037	-.6791	-4.280	5.205	-.0671	.4589	
Errors High Low	LC Pass 10.00 -10.00	LC Pass 50.00 -50.00	LC Pass 25.00 -25.00	LC Pass 150.0 -150.0	LC Pass 1000. -1000.	LC Pass 15.00 -15.00	LC Pass 40.00 -40.00	
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb	
Avge	-14.09	.1079	-4.568	1.427	-106.2	7.772	.3740	
SDev	2.19	.5719	1.370	1.571	49.6	.049	.3524	
%RSD	15.52	530.0	30.00	110.1	46.72	.6293	94.21	
#1	-12.55	.5123	L-5.537	2.538	-71.13	7.737	.6232	
#2	-15.64	-.2965	-3.599	.3159	-141.3	7.806	.1248	
Errors High Low	LC Pass 1000. -1000.	LC Pass 10.00 -10.00	LC Pass 5.000 -5.000	LC Pass 5.000 -5.000	LC Pass 1000. -1000.	LC Pass 10.00 -10.00	LC Pass 50.00 -50.00	
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb	
Avge	.9878	.5066	1.060	1.546	.6052	-4.733	-4.490	
SDev	.2212	.2298	.805	1.873	.7882	.175	2.142	
%RSD	22.40	45.35	75.93	121.1	130.2	3.697	47.70	
#1	1.144	.6691	1.629	.2218	1.163	-4.609	-6.005	
#2	.8314	.3442	.4910	2.871	.0479	-4.856	-2.976	
Errors High Low	LC Pass 30.00 -30.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	NOCHECK	NOCHECK	

Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	4.500	-.1164						
SDev	.714	1.9997						
%RSD	15.86	1718.						
#1	5.005	1.298	□□Analysis Report					11/10/11 04:39:19
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#2	3.995	-1.530						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1120	--	--	--	--	--	--	
SDev	1.086124	--	--	--	--	--	--	
%RSD	.0969435	--	--	--	--	--	--	
#1	1121	--	--	--	--	--	--	
#2	1120	--	--	--	--	--	--	

Method: SW846 Sample Name: 460-33311-D-4-A Operator:

Run Time: 11/10/11 04:39:22

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48.91	-1.428	6.766	97.68	-.2875	.0442	62620.
SDev	19.12	1.037	.926	.10	.0233	.0086	34.
%RSD	39.09	72.59	13.68	.1019	8.113	19.50	.0548
#1	35.39	-.6949	7.421	97.61	-.2710	.0503	62640.
#2	62.43	-2.161	6.112	97.75	-.3040	.0381	62600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1523	-.6204	-1.511	6260.	18260.	6578.	.1697
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SDev	.0017	.0848	.253	4.	41.	1.	.0475
%RSD	1.124	13.67	16.74	.0713	.2249	.0195	27.99
#1	-.1535	-.6804	-1.333	6257.	18230.	6577.	.1361
#2	-.1511	-.5605	-1.690	6263.	18290.	6579.	.2033
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11340.	.8730	-4.009	2.600	36480.	1.200	.4033
SDev	69.	.1053	.061	1.120	30.	1.041	.0103
%RSD	.6099	12.06	1.515	43.07	.0811	86.76	2.565
#1	11290.	.7986	-3.966	3.392	36500.	.4638	.3959
#2	11390.	.9475	-4.052	1.808	36460.	1.936	.4106
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	8.032	259.8	.4254	1.139	-.7424	-4.851	-3.593
SDev	.088	1.6	1.524	.389	.1072	.235	.026
%RSD	1.094	.6137	358.2	34.17	14.44	4.837	.7255
#1	7.970	258.7	-.6520	.8635	-.6666	-4.685	-3.612
#2	8.094	260.9	1.503	1.414	-.8182	-5.017	-3.575
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.3124	3.733					
SDev	2.248	.557					
%RSD	719.4	14.92					
#1	1.902	4.127					
#2	-1.277	3.339					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1107	--	--	--	--	--	--
SDev	1.120046	--	--	--	--	--	--
%RSD	.1011390	--	--	--	--	--	--
Report							

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Analysis

#1	1108	--	--	--	--	--	--
#2	1107	--	--	--	--	--	--
Method:	SW846	Sample Name:	460-33104-E-1-B	Operator:			
Run Time:	11/10/11 04:45:31						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4626.	-.7067	.9586	171.4	-.1330	.3974	85770.
SDev	52.	.2277	.4923	.5	.0432	.0208	638.
%RSD	1.119	32.22	51.36	.2868	32.51	5.237	.7435
#1	4590.	-.5457	.6105	171.0	-.1024	.3827	85320.
#2	4663.	-.8677	1.307	171.7	-.1636	.4121	86220.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.810	16.50	.3445	2381.	27250.	1214.	17.39
SDev	.123	.41	.0413	10.	176.	8.	.70
%RSD	4.383	2.484	11.99	.4292	.6456	.6313	4.008
#1	2.897	16.21	.3153	2374.	27130.	1209.	16.90
#2	2.723	16.79	.3737	2388.	27370.	1219.	17.88
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11330.	.3819	-3.425	-.1778	159200.	2.525	3.287
Report							

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Analysis

SDev	98.	.5895	1.415	1.2362	890.	1.263	.156			
%RSD	.8654	154.4	41.31	695.2	.5589	50.04	4.733			
#1	11260.	-.0350	-2.424	-1.052	158600.	3.418	3.177			
#2	11400.	.7987	-4.425	.6963	159900.	1.631	3.397			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	44.29	75.97	3.048	1.161	51.56	-3.026	-3.627			
SDev	.08	1.31	.134	1.074	.29	3.720	.264			
%RSD	.1795	1.729	4.392	92.53	.5579	122.9	7.273			
#1	44.35	75.04	2.953	1.920	51.36	-.3959	-3.441			
#2	44.24	76.90	3.143	.4012	51.76	-5.656	-3.814			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avge	-2.334	.8894								
SDev	1.104	2.405								
%RSD	47.31	270.4								
#1	-1.553	-.8109								
#2	-3.115	2.590								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1128	--	--	--	--	--	--			
SDev	5.159066	--	--	--	--	--	--			
%RSD	.4573056	--	--	--	--	--	--			
#1	1132	--	--	--	--	--	--			
#2	1124	--	--	--	--	--	--			

Method:	SW846	Sample Name: 460-33104-E-2-B			Operator:					
Run Time:	11/10/11 04:51:39									
Comment:										
Mode:	CONC	Corr. Factor: 1								
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	448.1	-.6412	-.4243	91.61	-.2802	-.0844	79260.			
SDev	19.1	.5058	.5328	.10	.0106	.0258	137.			
%RSD	4.264	78.89	125.6	.1055	3.766	30.54	.1733			
#1	434.5	-.9989	-.0476	91.68	-.2727	-.0662	79360.			
#2	461.6	-.2835	-.8011	91.54	-.2877	-.1027	79170.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	1.077	2.576	-1.387	451.7	19290.	392.1	6.562			
SDev	.068	.515	.385	1.3	22.	.8	.448			
%RSD	6.358	19.99	27.72	.2977	.1136	.1929	6.827			
#1	1.028	2.212	-1.659	450.7	19310.	392.6	6.878			
#2	1.125	2.940	-1.115	452.6	19280.	391.5	6.245			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			

High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6501.	.3534	-3.861	1.795	105800.	2.700	5.239
SDev	10.	.0097	.317	1.957	7.	.883	.008
%RSD	.1506	2.760	8.224	109.0	.0063	32.72	.1615
#1	6494.	.3465	-3.636	3.179	105800.	3.324	5.245
#2	6508.	.3603	-4.085	.4114	105800.	2.075	5.233
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report				11/10/11 04:57:45 AM		page 92	

Analysis

Avge	3.386	91.11	2.708	3.065	13.37	-4.505	-3.543
SDev	.160	.85	.427	.672	.04	.637	.158
%RSD	4.728	.9378	15.76	21.93	.3040	14.13	4.465
#1	3.499	91.71	3.009	2.590	13.39	-4.055	-3.431
#2	3.272	90.50	2.406	3.540	13.34	-4.955	-3.655
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.075	4.217					
SDev	6.872	.497					
%RSD	223.5	11.79					
#1	1.784	3.866					
#2	-7.934	4.568					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1103	--	--	--	--	--	--
SDev	1.153969	--	--	--	--	--	--
%RSD	.1046672	--	--	--	--	--	--
#1	1102	--	--	--	--	--	--
#2	1103	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33104-E-3-B Operator:
 Run Time: 11/10/11 04:57:48
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	102.6	1.443	2.819	140.9	-.2336	-.2835	207000.
SDev	1.8	1.340	2.300	8.4	.0722	.0852	12398.
%RSD	1.722	92.90	81.58	5.993	30.90	30.06	5.988
#1	101.3	2.390	4.446	146.9	-.2847	-.3437	215800.
#2	103.8	.4949	1.193	134.9	-.1826	-.2232	198300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.522	-.2853	-2.393	26.57	1516.	5.800	3.368
SDev	.692	.6260	.827	6.94	89.	.460	.305
%RSD	27.42	219.4	34.57	26.11	5.875	7.938	9.054
#1	-3.011	.1574	-1.808	31.48	1579.	6.126	3.583
#2	-2.033	-.7279	-2.978	21.67	1453.	5.475	3.152
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9142.	.4086	-4.530	.2498	220200.	1.715	11.79
SDev	596.	.0725	1.181	1.315	10639.	1.064	.89
%RSD	6.523	17.74	26.07	526.5	4.831	62.03	7.589
#1	9564.	.3574	L-5.365	-.6801	227700.	2.468	12.42
#2	8721.	.4599	-3.695	1.180	212700.	.9629	11.16
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.179	19.72	13.21	1.280	-.5884	-4.894	-4.353
SDev	.052	.98	1.74	1.579	.1473	1.973	2.756
%RSD	4.394	4.989	13.16	123.4	25.03	40.32	63.32
#1	1.143	20.41	14.44	2.397	-.4842	-3.498	-6.302
#2	1.216	19.02	11.98	.1635	-.6925	-6.289	-2.404
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				11/10/11 05:03:54
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Units	ppb	ppb					
Avge	.2681	.2314					
SDev	.8585	2.401					
%RSD	320.2	1038.					
#1	.8752	-1.466					
#2	-.3389	1.929					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1137	--	--	--	--	--	--
SDev	57.80175	--	--	--	--	--	--
%RSD	5.084566	--	--	--	--	--	--
#1	1096	--	--	--	--	--	--
#2	1178	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-33104-E-4-B	Operator:			
Run Time:	11/10/11 05:03:58						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1917.	1.388	1.266	265.5	-.2136	-.1692	12120.
SDev	20.	2.414	.370	.3	.0016	.0778	30.
%RSD	1.017	173.9	29.21	.1246	.7537	45.96	.2454

#1	1904.	-.3186	1.004	265.8	-.2124	-.2242	12100.
#2	1931.	3.095	1.527	265.3	-.2147	-.1142	12140.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.263	3.107	-1.002	3159.	4539.	1412.	2.880
SDev	.762	.403	.294	17.	13.	2.	1.158
%RSD	60.36	12.95	29.34	.5251	.2813	.1289	40.21

#1	.7240	2.823	-.7942	3147.	4548.	1411.	2.061
#2	1.802	3.392	-1.210	3170.	4530.	1413.	3.699

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2354.	.4258	-3.268	2.308	116200.	3.401	2.221
SDev	4.	.3819	1.010	1.379	485.	1.643	.081
%RSD	.1860	89.68	30.91	59.74	.4174	48.31	3.638

#1	2357.	.1558	-3.982	3.283	116600.	2.239	2.278
#2	2351.	.6959	-2.554	1.333	115900.	4.562	2.164

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.130	3.346	1.024	3.268	25.24	-2.090	-3.860
SDev	.170	.013	.293	.810	.01	2.748	.143
%RSD	2.770	.3816	28.61	24.79	.0229	131.5	3.698

#1	6.009	3.355	.8168	2.695	25.24	-4.033	-3.961
#2	6.250	3.337	1.231	3.840	25.23	-.1474	-3.759

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.628	2.139
SDev	.350	1.893
%RSD	13.31	88.48

#1	2.876	3.477
#2	2.381	.8007

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1140	--	--	--	--	--	--
SDev	6.109413	--	--	--	--	--	--
%RSD	.5358006	--	--	--	--	--	--
#1	1136	--	--	--	--	--	--
#2	1145	--	--	--	--	--	--

Method: SW846
 Sample Name: 460-33104-E-5-B
 Operator:

Run Time: 11/10/11 05:10:06
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2907.	-.1308	2.878	427.7	-.1186	-.1001	46990.
SDev	52.	.4622	.799	3.7	.0057	.0628	459.
%RSD	1.794	353.5	27.75	.8635	4.801	62.68	.9778
#1	2870.	.1961	2.313	425.1	-.1145	-.0557	46660.
#2	2943.	-.4576	3.442	430.3	-.1226	-.1445	47310.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.623	137.3	.4523	12260.	19930.	H26050.	8.348
SDev	.477	2.8	.1895	151.	170.	246.	.502
%RSD	10.31	2.021	41.89	1.234	.8553	.9459	6.018
#1	4.286	135.3	.3183	12150.	19800.	H25880.	7.993
#2	4.960	139.3	.5862	12360.	20050.	H26220.	8.704

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3657.	2.531	-3.133	1.476	81940.	-4.143	4.384
SDev	24.	.646	.991	2.153	629.	4.686	.247
%RSD	.6652	25.52	31.64	145.9	.7674	113.1	5.624
#1	3640.	2.988	-3.833	-.0465	81500.	-7.457	4.559
#2	3674.	2.074	-2.432	2.998	82390.	-.8296	4.210
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.54	139.0	3.848	-2.046	39.35	-7.128	-1.142
SDev	.25	.4	.216	.324	.39	4.167	.595
%RSD	2.326	.3224	5.622	15.86	1.003	58.46	52.06
#1	10.37	138.7	3.695	-2.275	39.08	-10.07	-.7216
#2	10.71	139.3	4.001	-1.816	39.63	-4.181	-1.562
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-8.033	6.213					
SDev	3.009	1.725					
%RSD	37.46	27.76					
#1	-10.16	4.994					
#2	-5.905	7.433					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1126	--	--	--	--	--	--
SDev	7.568857	--	--	--	--	--	--
%RSD	.6721563	--	--	--	--	--	--
#1	1131	--	--	--	--	--	--
#2	1121	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-E-6-B Operator:
Run Time: 11/10/11 05:16:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1447.	-1.307	3.942	1393.	-.1451	.2902	101300.
SDev	36.	.400	2.233	2.	.0068	.2394	366.
%RSD	2.469	30.61	56.64	.1233	4.680	82.51	.3616
#1	1422.	-1.590	2.363	1394.	-.1403	.4595	101100.
#2	1473.	-1.024	5.521	1392.	-.1499	.1209	101600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.660	1.642	.4503	78000.	135700.	2996.	4.037
SDev	.991	.856	.0985	210.	76.	7.	.311
%RSD	59.68	52.15	21.88	.2698	.0559	.2190	7.692
#1	.9597	1.036	.3806	77850.	135800.	2991.	3.817
#2	2.361	2.247	.5199	78150.	135700.	3001.	4.256

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2662.	.9426	-1.274	4.473	H250900.	-.0777	8.112
SDev	25.	.2595	1.536	1.687	291.	.6730	.034
%RSD	.9558	27.52	120.6	37.71	.1158	865.8	.4188

#1	2680.	.7592	-.1880	5.665	H251100.	.3981	8.088	Analysis
#2	2644.	1.126	-2.360	3.280	H250700.	-.5536	8.136	

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.11	6.270	.3210	2.677	26.54	1.620	-2.723
SDev	.50	.713	.3749	1.399	.07	4.000	4.300
%RSD	1.702	11.38	116.8	52.28	.2530	246.9	157.9
#1	29.46	6.774	.0559	1.687	26.49	-1.208	.3173
#2	28.76	5.765	.5861	3.666	26.58	4.449	-5.763

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	10.74	1.334
SDev	3.72	4.386
%RSD	34.63	328.8
#1	8.111	4.435
#2	13.37	-1.767

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1104	--	--	--	--	--	--
SDev	3.869321	--	--	--	--	--	--
%RSD	.3505124	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1107	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-E-7-B Operator:
Run Time: 11/10/11 05:22:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1544.	-.8455	2.824	1253.	-.1355	.4028	102200.
SDev	35.	2.5673	.565	2.	.0041	.0849	204.
%RSD	2.273	303.7	19.99	.1353	3.000	21.08	.1999
#1	1519.	.9699	3.223	1252.	-.1384	.3427	102100.
#2	1568.	-2.661	2.425	1254.	-.1327	.4628	102400.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.263	1.055	.5375	78380.	138500.	2957.	3.921
SDev	.000	.174	.1249	141.	384.	5.	.324
%RSD	.0126	16.45	23.25	.1803	.2774	.1700	8.264
#1	1.263	.9326	.6258	78280.	138200.	2953.	3.691
#2	1.263	1.178	.4491	78480.	138800.	2960.	4.150

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2604.	.6412	-2.548	4.049	H253100.	1.406	8.091
SDev	3.	.0833	.186	.368	872.	3.532	.062
%RSD	.0978	13.00	7.307	9.084	.3445	251.3	.7654
#1	2602.	.7001	-2.416	4.309	H252500.	-1.092	8.135
#2	2606.	.5822	-2.680	3.789	H253700.	3.903	8.048

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.22	5.587	-.4425	2.657	28.88	-1.355	-3.148
SDev	.03	1.239	.8165	.988	.24	.329	.115
%RSD	.0832	22.17	184.5	37.16	.8203	24.27	3.651
#1	31.20	4.711	-1.020	3.356	28.72	-1.123	-3.066
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#2	31.23	6.463	.1349	1.959	29.05	-1.588	-3.229
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Analysis

Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.877	2.628					
SDev	.108	.606					
%RSD	1.575	23.04					
#1	6.801	3.056					
#2	6.954	2.200					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1093	--	--	--	--	--	--
SDev	.8145711	--	--	--	--	--	--
%RSD	.0744929	--	--	--	--	--	--
#1	1094	--	--	--	--	--	--
#2	1093	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-E-8-B Operator:
Run Time: 11/10/11 05:28:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
Report				11/10/11 05:34:40 AM		page 108		
Avge	750.5	-1.279	.9804	135.3	-.0178	.1469	56590.	
SDev	41.0	.387	.7509	1.4	.0250	.1162	471.	
%RSD	5.456	30.29	76.59	1.063	140.2	79.15	.8326	
#1	721.6	-1.553	1.511	134.3	-.0001	.0647	56260.	
#2	779.5	-1.005	.4494	136.4	-.0354	.2290	56920.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	.2661	29.20	-.3464	1356.	34070.	1293.	27.53	
SDev	.0437	.27	.0791	6.	352.	12.	.17	
%RSD	16.43	.9307	22.84	.4059	1.034	.9030	.6306	
#1	.2352	29.01	-.4023	1352.	33820.	1285.	27.40	
#2	.2970	29.39	-.2904	1359.	34320.	1302.	27.65	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	5178.	.1049	-3.809	1.292	70400.	5.867	3.721	
SDev	83.	.0176	.682	.176	805.	.322	.316	
%RSD	1.599	16.74	17.91	13.62	1.144	5.487	8.486	
#1	5120.	.1173	-3.327	1.168	69830.	5.639	3.497	
#2	5237.	.0925	-4.292	1.417	70970.	6.094	3.944	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	42.14	62.07	-.6236	1.962	12.00	-5.580	-2.928	
SDev	.43	.70	.0777	.020	.09	2.038	.003	
%RSD	1.030	1.127	12.46	1.042	.7231	36.53	.1105	

#1	41.84	61.58	-.5687	1.947	11.94	-4.138	-2.926
#2	42.45	62.57	-.6786	1.976	12.06	-7.021	-2.930
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.152	2.503					
SDev	1.674	1.099					
%RSD	145.3	43.92					
#1	.0315	1.726	Analysis Report			11/10/11 05:34:40	
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#2	-2.336	3.281					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1124	--	--	--	--	--	--
SDev	10.65744	--	--	--	--	--	--
%RSD	.9482790	--	--	--	--	--	--
#1	1131	--	--	--	--	--	--
#2	1116	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33378-F-1-A Operator:
Run Time: 11/10/11 05:34:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	26.62	-.9280	-1.554	65.87	-.2280	-.2532	49720.
SDev	23.39	.6714	.338	.04	.0600	.0563	164.
%RSD	87.87	72.35	21.77	.0545	26.30	22.24	.3302
#1	10.08	-.4533	-1.793	65.85	-.2704	-.2134	49610.
#2	43.16	-1.403	-1.315	65.90	-.1856	-.2930	49840.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2418	-.5903	.6700	298.4	13370.	266.1	4.179
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SDev	.0327	.4189	.2596	1.1	35.	.5	.600
%RSD	13.51	70.97	38.75	.3641	.2638	.1803	14.35
#1	.2187	-.8866	.4864	299.1	13350.	265.7	3.755
#2	.2649	-.2941	.8535	297.6	13400.	266.4	4.603
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10680.	.4198	L-5.196	.8733	15420.	-1.649	1.133
SDev	45.	.0422	.735	.5495	87.	1.484	.068
%RSD	.4174	10.04	14.15	62.92	.5649	90.04	6.035
#1	10650.	.4496	-4.676	.4848	15480.	-.5990	1.181

#2	10710.	.3900	L-5.715	1.262	15350.	-2.698	1.084
Errors	LC Pass	LC Pass	LC Low	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	31.01	147.9	-.6376	1.772	-.9080	-6.806	-4.394
SDev	.39	.4	.0215	.572	.0005	3.398	.596
%RSD	1.259	.2831	3.377	32.30	.0599	49.93	13.57
#1	30.74	147.6	-.6223	1.368	-.9077	-4.403	-4.816
#2	31.29	148.2	-.6528	2.177	-.9084	-9.209	-3.973
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-4.257	3.425					
SDev	.894	.378					
%RSD	20.99	11.03					
#1	-4.889	3.158					
#2	-3.625	3.692					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1132	--	--	--	--	--	--
SDev	.6109499	--	--	--	--	--	--
%RSD	.0539487	--	--	--	--	--	--
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#1	1133	--	--	--	--	--	--
#2	1132	--	--	--	--	--	--

Method:	SW846	Sample Name:	CCV 1200071	Operator:			
Run Time:	11/10/11 05:40:52						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125100.	1010.	4978.	10030.	984.9	2438.	121000.
SDev	184.	3.	.	20.	1.7	4.	130.
%RSD	.1473	.3110	.0024	.2017	.1739	.1830	.1071
#1	125300.	1012.	4978.	10050.	986.2	2441.	121100.
#2	125000.	1008.	4979.	10020.	983.7	2435.	120900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4882.	2435.	12530.	97500.	124800.	4896.	2445.
SDev	10.	5.	30.	172.	185.	9.	3.
%RSD	.2007	.2232	.2369	.1764	.1481	.1765	.1207
#1	4889.	2439.	12550.	97620.	124900.	4902.	2447.
#2	4875.	2431.	12510.	97380.	124600.	4890.	2443.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.

Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49510.	1238.	9774.	4980.	124900.	4936.	2427.
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SDev	182.	2.	5.	4.	213.	8.	3.
%RSD	.3678	.1606	.0560	.0891	.1705	.1696	.1091
#1	49380.	1239.	9778.	4977.	125100.	4942.	2428.
#2	49640.	1236.	9770.	4984.	124800.	4930.	2425.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2365.	995.8	2460.	973.9	9790.	9680.	9822.
SDev	7.	.4	4.	1.8	15.	15.	1.
%RSD	.2819	.0426	.1659	.1849	.1521	.1513	.0091
#1	2369.	995.5	2462.	975.1	9800.	9690.	9822.
#2	2360.	996.1	2457.	972.6	9779.	9669.	9821.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4958.	4992.					
SDev	4.	5.					
%RSD	.0713	.0980					
#1	4956.	4988.					
#2	4961.	4995.					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1103	--	--	--	--	--	--
SDev	3.461992	--	--	--	--	--	--
%RSD	.3138728	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1105	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 11/10/11 05:47:01

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.24	.5483	.2185	.1197	.0716	.1513	2.793
SDev	6.65	.8245	1.098	.7119	.0270	.3704	6.463
%RSD	27.44	150.4	502.4	594.8	37.75	244.8	231.4
#1	19.53	.0347	-.5577	.6231	-.0525	.4133	7.363
#2	28.94	-1.131	.9947	-.3837	-.0908	-.1106	-1.777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	.5284	.1973	.0354	11.89	18.48	.1619	.0625
SDev	.2283	.3249	.4822	1.21	.28	.2839	.2108
%RSD	43.19	164.7	1363.	10.14	1.538	175.4	337.3
#1	.6898	.4270	.3763	11.04	18.28	.3627	.2116
#2	.3670	-.0324	-.3056	12.74	18.68	-.0389	-.0866
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-45.07	.5557	-4.790	.1807	-57.25	7.989	.5299
SDev	2.86	.1671	.304	1.425	19.14	.441	.1940
%RSD	6.354	30.07	6.337	788.3	33.43	5.523	36.62
#1	-47.09	.4376	L-5.004	1.188	-43.72	7.677	.3927
#2	-43.04	.6739	-4.575	-.8266	-70.78	8.301	.6671
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	.3913	.3830	-.1175	1.243	.5306	-4.384	-4.996
SDev	.0670	.0547	1.2785	2.721	.4281	2.859	.972
%RSD	17.12	14.29	1089.	218.9	80.68	65.22	19.46
#1	.4386	.4218	.7866	-.6809	.8333	-6.405	-4.309
#2	.3439	.3443	-1.022	3.167	.2279	-2.362	-5.684
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.959	-1.215					
SDev	.687	1.792					
%RSD	23.24	147.5					
#1	3.445	.0523					
#2	2.472	-2.483					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1168	--	--	--	--	--	--
SDev	1.527375	--	--	--	--	--	--
%RSD	.1307621	--	--	--	--	--	--
#1	1169	--	--	--	--	--	--
#2	1167	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33378-A-3-A Operator:
Run Time: 11/10/11 05:53:10
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	179.9	.3553	2.749	67.10	-.1971	-.0681	51960.
SDev	34.3	.7816	1.246	.16	.0033	.0274	21.
%RSD	19.07	220.0	45.33	.2343	1.682	40.28	.0407

#1	155.7	.9080	3.630	67.22	-.1947	-.0487	51970.			
#2	204.2	-.1973	1.868	66.99	-.1994	-.0875	51940.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	-.1712	-.1745	-1.508	4996.	13790.	132.3	3.007			
SDev	.0351	.3344	.247	7.	36.	.1	.381			
%RSD	20.49	191.6	16.39	.1486	.2596	.0621	12.66			
#1	-.1961	-.4110	-1.333	5002.	13810.	132.3	3.277			
#2	-.1464	.0619	-1.683	4991.	13760.	132.4	2.738			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	10710.	.5227	-3.156	2.639	15340.	2.226	4.296			
SDev	8.	.0655	.524	1.714	69.	1.566	.008			
%RSD	.0771	12.54	16.59	64.96	.4471	70.37	.1805			
#1	10700.	.4764	-2.786	3.852	15380.	1.118	4.291			
#2	10710.	.5690	-3.526	1.427	15290.	3.333	4.302			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	7.902	80.09	-.5446	.5664	-.3184	-4.481	-2.499			
SDev	.138	.95	.5107	.4905	.1042	.769	.401			
%RSD	1.742	1.180	93.78	86.61	32.71	17.16	16.06			
#1	8.000	80.76	-.9057	.9132	-.2448	-3.937	-2.215			
#2	7.805	79.42	-.1835	.2195	-.3921	-5.024	-2.783			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2	Analysis Report				11/10/11 05:59:16			
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Units	ppb	ppb								
Avge	2.049	2.925								
SDev	.707	2.218								
%RSD	34.49	75.82								
#1	2.549	4.493								
#2	1.549	1.357								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1135	--	--	--	--	--	--			
SDev	1.052115	--	--	--	--	--	--			
%RSD	.0926712	--	--	--	--	--	--			
#1	1136	--	--	--	--	--	--			
#2	1135	--	--	--	--	--	--			

Method:	SW846	Sample Name:	460-33378-D-4-A	Operator:						
Run Time:	11/10/11 05:59:19									
Comment:										

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1881.	-.3002	4.046	86.85	-.1220	-.0395	52640.
SDev	26.	2.0397	.298	.06	.0061	.1296	103.
%RSD	1.402	679.4	7.361	.0672	5.023	328.1	.1966
#1	1863.	1.142	4.257	86.81	-.1263	.0521	52570.
#2	1900.	-1.743	3.836	86.89	-.1177	-.1311	52720.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3332	-.6068	-1.406	20770.	14120.	135.7	3.131
SDev	.0679	.0852	.253	38.	5.	.3	.776
%RSD	20.38	14.04	17.97	.1841	.0348	.2239	24.79
#1	-.3812	-.5465	-1.227	20740.	14120.	135.5	2.582
#2	-.2852	-.6671	-1.585	20790.	14110.	135.9	3.680

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11140.	.4958	-3.794	3.407	15610.	2.343	4.736
SDev	44.	.0063	.605	1.414	38.	.260	.138
%RSD	.3923	1.277	15.94	41.50	.2420	11.10	2.918
#1	11170.	.5003	-4.221	4.406	15580.	2.527	4.834
#2	11110.	.4913	-3.366	2.407	15640.	2.159	4.638

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.07	81.92	-1.074	2.370	-.7336	-4.551	-3.420
SDev	.61	.35	.247	.607	.2112	.334	.740
%RSD	4.691	.4236	22.98	25.62	28.79	7.331	21.64
#1	12.63	82.16	-.8995	1.941	-.5843	-4.787	-3.943
#2	13.50	81.67	-1.248	2.800	-.8829	-4.316	-2.896

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.572	3.814
SDev	2.270	.986
%RSD	88.27	25.86

#1	4.177	4.512
#2	.9667	3.117

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1119	--	--	--	--	--	--
SDev	.7467262	--	--	--	--	--	--
%RSD	.0667101	--	--	--	--	--	--
#1	1120	--	--	--	--	--	--
#2	1119	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32999-E-13-B Operator:
Run Time: 11/10/11 06:05:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	113.9	-.3914	.4259	33.06	-.2547	-.2629	49220.
SDev	24.3	.3052	.6383	.06	.0190	.0042	1.
%RSD	21.37	77.97	149.9	.1670	7.463	1.614	.0013
#1	96.71	-.6073	-.0255	33.02	-.2413	-.2599	49220.
#2	131.1	-.1756	.8772	33.10	-.2682	-.2659	49220.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-2000.	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5305	-.4236	-1.047	163.3	21020.	8.698	.0317
SDev	.3396	.1716	.270	10.6	86.	.057	.1235
%RSD	64.00	40.50	25.78	6.505	.4069	.6574	389.8
#1	.7706	-.3023	-1.238	155.8	20960.	8.658	.1190
#2	.2904	-.5449	-.8561	170.8	21090.	8.739	-.0557

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2397.	.1859	-3.905	.7697	23540.	3.267	.2642
SDev	6.	.5094	.365	.7715	155.	3.544	.0628
%RSD	.2414	274.0	9.349	100.2	.6591	108.5	23.76
#1	2393.	-.1743	-3.647	.2242	23430.	.7608	.3086
#2	2401.	.5461	-4.163	1.315	23640.	5.773	.2198

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.168	15.03	-.1380	1.079	1.498	-5.287	-3.219
SDev	.011	.14	1.0240	.218	.160	2.342	.622
%RSD	.3439	.9314	741.9	20.22	10.69	44.29	19.31
#1	3.160	14.93	-.8621	.9245	1.385	-3.631	-3.659
#2	3.176	15.13	.5861	1.233	1.612	-6.942	-2.779

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.4614	.9143
SDev	4.494	3.400
%RSD	974.0	371.9

#1	3.639	-1.490
#2	-2.716	3.319

Errors	NOCHECK	NOCHECK

High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1120	--	--	--	--	--	--
SDev	1.832850	--	--	--	--	--	--
%RSD	.1636216	--	--	--	--	--	--
#1	1121	--	--	--	--	--	--
#2	1119	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32999-E-14-B Operator:
Run Time: 11/10/11 06:11:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	91.61	-.5444	-1.268	33.32	-.2878	-.2275	49330.
SDev	15.77	.4099	5.168	.73	.0172	.0312	888.
%RSD	17.21	75.30	407.6	2.188	5.963	13.70	1.800

#1	80.46	-.2545	2.386	33.84	-.2999	-.2055	49950.
#2	102.8	-.8342	-4.922	32.81	-.2756	-.2495	48700.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0300	-.3803	-1.428	101.7	20660.	6.722	-1.110
SDev	.4316	.2446	.140	1.5	390.	.083	.194
%RSD	1438.	64.31	9.819	1.504	1.887	1.239	17.52

#1	.3352	-.2074	-1.527	100.7	20940.	6.781	-1.247
#2	-.2752	-.5533	-1.329	102.8	20390.	6.663	-.9723

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2476.	-.1005	-3.461	.1113	22420.	4.222	.4255
SDev	55.	.6290	1.330	.2249	470.	3.909	.1332
%RSD	2.241	626.1	38.43	202.1	2.098	92.60	31.30

#1 2515. -.5452 -4.402 -.0478 22750. 6.986 .3313
#2 2437. .3443 -2.520 .2703 22090. 1.458 .5197
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.163	15.96	-.7589	1.892	.4475	-3.205	-3.593
SDev	.115	1.20	.3718	.552	.0868	1.475	1.258
%RSD	3.650	7.535	49.00	29.16	19.39	46.02	35.02

#1	3.082	16.81	-1.022	1.502	.5089	-4.248	-4.483
#2	3.245	15.11	-.4960	2.282	.3861	-2.162	-2.703

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	-1.451	.8816
SDev	.856	.0902
%RSD	59.03	10.23
#1	-2.057	.9454
#2	-.8453	.8178
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1095	--	--	--	--	--	--
SDev	18.56578	--	--	--	--	--	--
%RSD	1.696249	--	--	--	--	--	--
#1	1081	--	--	--	--	--	--
#2	1108	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32999-D-15-B Operator:
Run Time: 11/10/11 06:17:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17.26	-2.245	-1.024	-1.001	-.2824	-.1498	3.191
SDev	28.81	1.935	.634	.007	.0375	.1368	3.335
%RSD	166.9	86.20	61.93	.6714	13.27	91.29	104.5

#1	-3.111	-.8767	-1.473	-1.005	-.3089	-.2465	5.549
#2	37.63	-3.614	-.5756	-.9958	-.2559	-.0531	.8329

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1218	-.7061	-1.888	-.3026	4.405	-.3991	-1.189
SDev	.3523	.2266	.786	3.2115	15.64	.0509	.132
%RSD	289.3	32.09	41.63	1061.	355.0	12.75	11.08

#1	.1273	-.5459	-1.332	-2.573	-6.653	-.3631	-1.282
#2	-.3709	-.8664	-2.444	1.968	15.46	-.4350	-1.096

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-28.42	.1259	-3.980	-.5315	-1.788	1.980	-.0843
SDev	22.20	.3153	.107	.9446	24.322	.421	.0121
%RSD	78.11	250.4	2.678	177.7	1360.	21.25	14.30

#1	-12.72	.3489	-4.056	.1365	-18.99	1.682	-.0758
#2	-44.12	-.0971	-3.905	-1.199	15.41	2.277	-.0928

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.445	.4270	-1.309	-.2506	-.7665	-5.987	-2.983
SDev	.109	.0017	1.241	1.9643	.0183	.959	.638
%RSD	7.538	.3961	94.81	783.9	2.388	16.01	21.41

#1	1.522	.4282	-.4314	1.138	-.7794	-5.309	-3.434	Analysis
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#2	1.368	.4258	-2.186	-1.640	-.7535	-6.665	-2.531
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-5.210	1.795					
SDev	1.404	.715					
%RSD	26.95	39.84					
#1	-4.217	2.300					
#2	-6.203	1.289					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1125	--	--	--	--	--	--
SDev	24.06424	--	--	--	--	--	--
%RSD	2.138679	--	--	--	--	--	--
#1	1108	--	--	--	--	--	--
#2	1142	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 06:23:56
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	123500.	995.0	4942.	9888.	982.4	2430.	121100.	
SDev	69.	1.1	13.	4.	3.4	9.	526.	
%RSD	.0557	.1114	.2538	.0454	.3452	.3656	.4341	
#1	123500.	994.2	4934.	9885.	980.0	2424.	120700.	
#2	123600.	995.8	4951.	9891.	984.8	2437.	121400.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.	
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	4870.	2428.	12330.	97220.	123200.	4874.	2434.	
SDev	19.	9.	7.	322.	109.	15.	12.	
%RSD	.3898	.3720	.0531	.3315	.0881	.3143	.4822	
#1	4857.	2421.	12330.	96990.	123100.	4863.	2426.	
#2	4883.	2434.	12320.	97440.	123300.	4884.	2443.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.	
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	48550.	1227.	9720.	4939.	123300.	4883.	2408.	
SDev	198.	1.	15.	3.	24.	26.	6.	
%RSD	.4087	.1009	.1572	.0662	.0198	.5254	.2333	
#1	48410.	1226.	9710.	4937.	123300.	4865.	2404.	
#2	48690.	1228.	9731.	4942.	123300.	4901.	2412.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	

High	55200.	1380.	11040.	5522.	138000.	5522.	2760.			
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	2374.	984.7	2444.	971.0	9700.	9641.	9760.			
SDev	8.	1.3	10.	7.2	20.	37.	5.			
%RSD	.3330	.1278	.4161	.7457	.2110	.3800	.0473			
#1	2369.	983.8	2437.	965.9	9685.	9616.	9756.			
#2	2380.	985.6	2451.	976.1	9714.	9667.	9763.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	2760.	1104.	2760.	1104.	11040.					
Low	2239.	896.0	2239.	896.0	8960.					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avge	4902.	4958.								
SDev	14.	2.								
%RSD	.2897	.0442								
#1	4892.	4960.	Analysis Report				11/10/11 06:30:02			
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#2	4912.	4956.								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1109	--	--	--	--	--	--			
SDev	.8484936	--	--	--	--	--	--			
%RSD	.0765286	--	--	--	--	--	--			
#1	1109	--	--	--	--	--	--			
#2	1108	--	--	--	--	--	--			

Method:	SW846	Sample Name:	CCB	Operator:						
Run Time:	11/10/11 06:30:05									
Comment:										
Mode:	CONC	Corr. Factor:	1							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	23.47	-1.261	-1.091	-.3827	-.0724	.0591	-1.062			
SDev	26.96	.938	.232	.0008	.0110	.1102	3.059			
%RSD	114.9	74.41	21.29	.2061	15.14	186.3	288.0			
#1	4.403	-1.924	-.9267	-.3822	-.0646	-.0188	1.101			
#2	42.54	-.5974	-1.255	-.3833	-.0801	.1370	-3.225			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.			
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	.2081	-.0340	-.1906	2.817	15.17	-.0363	.4025			
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SDev	.8267	.3250	.3938	8.169	1.20	.0838	.0435			
%RSD	397.3	957.2	206.6	290.0	7.920	230.6	10.79			
#1	.7926	.1959	.0878	8.593	14.32	.0229	.4333			
#2	-.3765	-.2638	-.4691	-2.960	16.02	-.0956	.3718			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00			
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00			

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-45.54	.6959	-3.950	.3696	-69.60	5.951	.2053
SDev	3.36	.3121	1.236	.3609	53.27	.157	.1281
%RSD	7.375	44.86	31.29	97.65	76.53	2.644	62.36
#1	-43.16	.4752	-3.076	.6249	-107.3	5.840	.1148
#2	-47.91	.9166	-4.824	.1144	-31.94	6.063	.2959
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4587	.1895	.6178	1.291	.2823	-7.433	-2.215
SDev	.1336	.2198	.8494	.005	.1269	2.070	.820
%RSD	29.12	116.0	137.5	.3628	44.97	27.85	37.01
#1	.3643	.3449	1.218	1.288	.3720	-5.969	-1.636
#2	.5532	.0341	.0172	1.295	.1925	-8.897	-2.795
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.5416	.8155					
SDev	3.3256	1.119					
%RSD	614.0	137.2					
#1	1.810	.0242					
#2	-2.893	1.607					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1163	--	--	--	--	--	--
SDev	3.020741	--	--	--	--	--	--
%RSD	.2596798	--	--	--	--	--	--
Report				11/10/11 06:36:12 AM		page 137	
#1	1161	--	--	--	--	--	--
#2	1165	--	--	--	--	--	--

Analysis

BATCH:92577

92368V1-METHOD:200.7
 92469V1-METHOD:6010B
 92064V2-METHOD:6010B
 92161V2-METHOD:6010B
 91958V3-METHOD:6010B
 92202V2-METHOD:6010B

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 1200071	92064V1	SW846	11/10/11	10:40	S	CONC	
2	ICB	92064V1	SW846	11/10/11	10:46	S	CONC	
3	ICSA 1200073	92064V1	SW846	11/10/11	10:52	S	CONC	
4	ICSAB 1200106	92064V1	SW846	11/10/11	10:58	S	CONC	
5	INT-20	92064V1	SW846	11/10/11	11:06	S	CONC	
6	REPLIM	92064V1	SW846	11/10/11	11:12	S	CONC	
7	460-32800-A-1-G DU	92064V1	SW846	11/10/11	11:18	S	CONC	
8	460-33311-D-2-A	92064V1	SW846	11/10/11	11:24	S	CONC	
9	460-33104-E-5-B@5	92064V1	SW846	11/10/11	11:30	S	CONC	
10	460-33104-E-6-B@2	92064V1	SW846	11/10/11	11:36	S	CONC	
11	460-33104-E-7-B@2	92064V1	SW846	11/10/11	11:42	S	CONC	
12	460-33104-E-8-B	92064V1	SW846	11/10/11	11:49	S	CONC	
13	CCV 1200071	92064V1	SW846	11/10/11	11:55	S	CONC	
14	CCB	92064V1	SW846	11/10/11	12:01	S	CONC	
15	460-32989-D-4-A	92064V1	SW846	11/10/11	12:07	S	CONC	
16	460-32989-D-5-A	92064V1	SW846	11/10/11	12:13	S	CONC	
17	460-33318-A-5-B@10	92064V1	SW846	11/10/11	12:19	S	CONC	
18	460-33378-F-1-A	92064V1	SW846	11/10/11	12:25	S	CONC	
19	460-33420-G-1-B	92064V1	SW846	11/10/11	12:31	S	CONC	
20	460-33421-D-2-B	92064V1	SW846	11/10/11	12:38	S	CONC	
21	460-32950-A-2-A	92064V1	SW846	11/10/11	12:44	S	CONC	
22	460-32956-D-2-B	92064V1	SW846	11/10/11	12:50	S	CONC	
23	460-32956-H-3-B	92064V1	SW846	11/10/11	12:56	S	CONC	
24	460-32985-B-1-B	92064V1	SW846	11/10/11	13:02	S	CONC	
25	CCV 1200071	92064V1	SW846	11/10/11	13:08	S	CONC	
26	CCB	92064V1	SW846	11/10/11	13:14	S	CONC	
27	MB 460-92368/1-A	92064V1	SW846	11/10/11	13:24	S	CONC	
28	LCS 460-92368/2-A	92064V1	SW846	11/10/11	13:30	S	CONC	
29	460-32945-P-3-B DU	92064V1	SW846	11/10/11	13:36	S	CONC	
30	460-32945-P-3-A	92064V1	SW846	11/10/11	13:43	S	CONC	
31	SD 460-32945-P-3-A@5	92064V1	SW846	11/10/11	13:49	S	CONC	
32	460-32945-P-3-C MS	92064V1	SW846	11/10/11	13:55	S	CONC	
33	PDS 460-32945-P-3-A	92064V1	SW846	11/10/11	14:01	S	CONC	
34	460-33244-A-1-B@4	92064V1	SW846	11/10/11	14:07	S	CONC	
35	460-33244-A-2-B@4	92064V1	SW846	11/10/11	14:13	S	CONC	
36	460-33244-A-3-B@4	92064V1	SW846	11/10/11	14:19	S	CONC	
37	CCV 1200071	92064V1	SW846	11/10/11	14:25	S	CONC	
38	CCB	92064V1	SW846	11/10/11	14:32	S	CONC	
39	MB 460-92469/1-A	92064V1	SW846	11/10/11	14:38	S	CONC	
40	LCS 460-92469/2-A	92064V1	SW846	11/10/11	14:44	S	CONC	
41	460-33202-A-3-A DU	92064V1	SW846	11/10/11	14:50	S	CONC	
42	460-33202-F-3-A	92064V1	SW846	11/10/11	14:56	S	CONC	
43	SD 460-33202-F-3-A@5	92064V1	SW846	11/10/11	15:02	S	CONC	
44	460-33202-E-3-B MS	92064V1	SW846	11/10/11	15:08	S	CONC	
45	PDS 460-33202-F-3-A	92064V1	SW846	11/10/11	15:14	S	CONC	
46	460-33052-G-2-A	92064V1	SW846	11/10/11	15:21	S	CONC	
47	460-33052-G-3-A	92064V1	SW846	11/10/11	15:27	S	CONC	
48	460-33052-G-4-A	92064V1	SW846	11/10/11	15:33	S	CONC	
49	CCV 1200071	92064V1	SW846	11/10/11	15:39	S	CONC	
50	CCB	92064V1	SW846	11/10/11	15:45	S	CONC	
51	MB 460-92368/1-A	92064V1	SW846	11/10/11	17:10	S	CONC	
52	460-32956-H-3-B@2	92064V1	SW846	11/10/11	17:16	S	CONC	
53	460-32991-K-1-A	92064V1	SW846	11/10/11	17:31	S	CONC	

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	460-32991-K-2-A	92064V1	SW846	11/10/11	17:37	S	CONC	
55	460-33014-A-1-B@5	92064V1	SW846	11/10/11	17:43	S	CONC	

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56	460-33058-B-1-B	92064V1	SW846	11/10/11	17:50	S	CONC
57	460-33108-H-1-A	92064V1	SW846	11/10/11	17:56	S	CONC
58	460-33108-H-2-A	92064V1	SW846	11/10/11	18:02	S	CONC
59	460-33108-H-3-A	92064V1	SW846	11/10/11	18:08	S	CONC
60	460-33108-H-4-A	92064V1	SW846	11/10/11	18:14	S	CONC
61	CCV 1200071	92064V1	SW846	11/10/11	18:21	S	CONC
62	CCB	92064V1	SW846	11/10/11	18:27	S	CONC
63	MB 460-92368/1-A	92064V1	SW846	11/10/11	18:33	S	CONC
64	460-33108-H-5-A	92064V1	SW846	11/10/11	18:39	S	CONC
65	460-33168-E-2-B	92064V1	SW846	11/10/11	18:45	S	CONC
66	460-33168-E-3-B	92064V1	SW846	11/10/11	18:51	S	CONC
67	460-33168-E-4-B	92064V1	SW846	11/10/11	18:57	S	CONC
68	460-33431-E-1-B	92064V1	SW846	11/10/11	19:04	S	CONC
69	460-33214-C-10-B	92064V1	SW846	11/10/11	19:10	S	CONC
70	460-33188-J-1-A	92064V1	SW846	11/10/11	19:16	S	CONC
71	460-33188-H-7-A	92064V1	SW846	11/10/11	19:22	S	CONC
72	460-33188-R-12-A	92064V1	SW846	11/10/11	19:28	S	CONC
73	CCV 1200071	92064V1	SW846	11/10/11	19:34	S	CONC
74	CCB	92064V1	SW846	11/10/11	19:40	S	CONC
75	460-33190-A-2-A	92064V1	SW846	11/10/11	19:47	S	CONC
76	460-33425-B-1-A	92064V1	SW846	11/10/11	19:53	S	CONC
77	460-33425-B-2-A	92064V1	SW846	11/10/11	19:59	S	CONC
78	460-33474-A-1-A	92064V1	SW846	11/10/11	20:05	S	CONC
79	460-33365-F-1-A	92064V1	SW846	11/10/11	20:11	S	CONC
80	460-33365-F-2-A	92064V1	SW846	11/10/11	20:17	S	CONC
81	460-33365-F-3-A	92064V1	SW846	11/10/11	20:24	S	CONC
82	CCV 1200071	92064V1	SW846	11/10/11	20:30	S	CONC
83	CCB	92064V1	SW846	11/10/11	20:36	S	CONC

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 1200071	128200.	1025.	5123.	10210.	1025.	2556.
2	ICB	35.73	-1.658	.7867	.0097	.0117	.0012
3	ICSA 1200073	482800.	-2.675	.8667	4.890	.1091	-2.014
4	ICSAB 1200106	478900.	98.95	103.0	108.4	100.4	98.01
5	INT-20	131.5	-37.14	.1971	10270.	-.3238	-1.480
6	REPLIM	288.3	5.798	5.008	203.0	2.029	4.281
7	460-32800-A-1-G DU	76.47	-3.440	8.767	215.4	.4155	-.3860
8	460-33311-D-2-A	7.462	-4.304	1.423	62.42	.1419	.0389
9	460-33104-E-5-B@5	580.8	-2.608	1.184	85.31	.1580	-.0147
10	460-33104-E-6-B@2	698.8	-3.708	1.318	677.3	.2029	-.6252
11	460-33104-E-7-B@2	783.4	-3.206	.7780	623.7	.1754	-.5879
12	460-33104-E-8-B	714.3	-4.300	-.2502	131.4	.4608	.2650
13	CCV 1200071	126200.	992.2	4970.	9900.	991.0	2543.
14	CCB	-8.845	-1.534	1.444	-.0428	.2441	-.1211
15	460-32989-D-4-A	9.898	-3.131	2.570	141.9	.2713	.1133
16	460-32989-D-5-A	-28.08	-3.239	.9736	19.82	.2232	.0602
17	460-33318-A-5-B@10	12780.	59.50	36.06	717.5	.8759	7.539
18	460-33378-F-1-A	2.815	-2.388	.3328	67.03	.2309	-.2556
19	460-33420-G-1-B	382.3	-4.919	1.785	12.90	.2597	.0573
20	460-33421-D-2-B	-20.39	-2.434	1.415	.0097	.2519	.0942
21	460-32950-A-2-A	399.0	-3.450	1.777	98.08	.2357	.0441
22	460-32956-D-2-B	-10.70	-2.534	.3607	-.0918	.2578	.0546
23	460-32956-H-3-B	167.2	-3.748	4.479	62.07	.2636	.3792
24	460-32985-B-1-B	183.9	-3.020	1.851	37.83	.2637	.0185
25	CCV 1200071	124500.	984.7	4925.	9738.	979.3	2536.
26	CCB	-24.38	-3.601	1.845	.1665	.2525	.0094
27	MB 460-92368/1-A	-25.98	-2.859	-.1406	.0097	.3123	.2281
28	LCS 460-92368/2-A	1951.	487.4	2010.	1954.	48.12	52.27
29	460-32945-P-3-B DU	-31.15	-4.734	5.145	40.71	.2695	-.4683
30	460-32945-P-3-A	-33.46	-3.817	5.190	39.94	.2531	-.4883
31	SD 460-32945-P-3-A@5	-36.77	-2.983	1.470	7.785	.2728	-.1513
32	460-32945-P-3-C MS	1987.	498.9	2038.	2013.	47.83	51.45
33	PDS 460-32945-P-3-A	1975.	485.5	1996.	1994.	46.98	50.48
34	460-33244-A-1-B@4	17900.	1.574	7.674	154.1	1.174	-.1861
35	460-33244-A-2-B@4	25790.	-1.461	12.37	211.5	1.579	-.2543
36	460-33244-A-3-B@4	38400.	-2.245	19.48	251.0	3.098	.3087
37	CCV 1200071	125300.	988.8	4959.	9766.	987.3	2549.
38	CCB	-22.83	-2.418	-.2904	.0101	.2428	.0776
39	MB 460-92469/1-A	-21.85	-3.774	1.058	.2701	.2563	-.0277
40	LCS 460-92469/2-A	1993.	492.8	1972.	2005.	49.06	51.74
41	460-33202-A-3-A DU	195.0	-1.618	3.677	10.39	.1214	-.2309
42	460-33202-F-3-A	187.4	-1.849	4.082	10.00	.1742	-.0205
43	SD 460-33202-F-3-A@5	37.21	-1.809	-.3131	2.007	.1414	-.1208
44	460-33202-E-3-B MS	2111.	482.2	1928.	1973.	47.54	49.87

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45	PDS 460-33202-F-3-A	2187.	480.6	1946.	2011.	48.39
46	460-33052-G-2-A	24.30	-3.592	17.37	105.5	.0877
47	460-33052-G-3-A	346.8	-2.990	3.498	34.87	.1750
48	460-33052-G-4-A	-4.551	-1.467	- .2588	- .0933	.0996
49	CCV 1200071	123500.	987.5	4873.	9817.	975.5
50	CCB	-36.17	-3.890	3.109	.1685	.1987
51	MB 460-92368/1-A	-35.90	-4.001	1.974	- .0903	.3492
52	460-32956-H-3-B@2	63.05	-2.197	4.975	30.54	.3447
53	460-32991-K-1-A	68.64	-3.083	1.055	87.26	.3679

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
54	460-32991-K-2-A	41.09	-4.420	1.560	5.950	.4156	.1467
55	460-33014-A-1-B@5	1962.	.1635	7.195	126.1	.8254	.7806
56	460-33058-B-1-B	-36.71	3.695	2.507	35.45	.3209	.2282
57	460-33108-H-1-A	1141.	-4.276	.9357	370.6	1.051	.0664
58	460-33108-H-2-A	2576.	-4.448	2.514	61.40	.4835	.2656
59	460-33108-H-3-A	178.9	-5.237	1.901	413.2	.8902	.0238
60	460-33108-H-4-A	-34.98	-5.655	2.183	380.6	.4102	- .3857
61	CCV 1200071	124400.	991.1	4889.	9671.	963.1	2510.
62	CCB	-20.11	-3.704	1.114	.3136	.5274	.3284
63	MB 460-92368/1-A	-54.67	-3.884	1.709	.0097	.4773	.0776
64	460-33108-H-5-A	-26.58	-3.384	1.968	- .0913	.4264	.0421
65	460-33168-E-2-B	-34.85	-4.068	.8443	.1143	.4592	.1666
66	460-33168-E-3-B	583.6	-3.551	5.843	123.4	.4162	.0659
67	460-33168-E-4-B	13130.	-3.736	3.958	138.9	1.877	- .1951
68	460-33431-E-1-B	-15.97	-3.060	1.786	414.7	.4497	- .1980
69	460-33214-C-10-B	-30.15	-4.169	2.284	292.1	.4479	- .1952
70	460-33188-J-1-A	-34.43	-3.698	.5415	- .1459	.4495	.0220
71	460-33188-H-7-A	-50.77	-3.554	.6010	- .0421	.4767	- .1130
72	460-33188-R-12-A	-39.14	-3.862	.7513	.0610	.4862	- .0007
73	CCV 1200071	123900.	984.4	4863.	9592.	955.0	2510.
74	CCB	-14.91	-3.104	.9385	.3149	.5818	.4127
75	460-33190-A-2-A	227.0	-3.442	1.362	24.95	.4446	- .0290
76	460-33425-B-1-A	477.5	-3.360	2.543	531.3	2.486	.7626
77	460-33425-B-2-A	450.0	-4.068	.4778	136.5	.4451	- .1167
78	460-33474-A-1-A	208.3	-3.150	3.716	32.86	.4354	.1127
79	460-33365-F-1-A	-27.17	-5.171	1.542	333.6	.4105	- .0464
80	460-33365-F-2-A	30.17	-3.298	1.537	182.8	.4387	.2090
81	460-33365-F-3-A	-33.49	-3.679	.3137	- .1955	.3820	- .0717
82	CCV 1200071	124500.	987.4	4893.	9655.	964.1	2515.
83	CCB	-22.37	-4.062	1.723	.5149	.5359	.3755

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 1200071	128600.	5137.	2556.	12720.	102400.	127800.
2	ICB	-14.08	.2277	.1744	.8407	.8446	17.47
3	ICSA 1200073	460100.	-2.202	2.086	5.122	199100.	526400.
4	ICSAB 1200106	459200.	97.60	100.9	108.4	198500.	521900.
5	INT-20	82.14	20110.	19670.	.4142	47.93	84.89
6	REPLIM	5095.	14.59	54.44	25.24	167.1	4802.
7	460-32800-A-1-G DU	20950.	1.274	4.214	1.071	13370.	12550.
8	460-33311-D-2-A	63340.	.1498	2.240	2.504	13.48	10540.
9	460-33104-E-5-B@5	9973.	1.160	28.92	1.606	2556.	3995.
10	460-33104-E-6-B@2	52620.	1.092	1.047	2.752	39630.	65900.
11	460-33104-E-7-B@2	54480.	.6621	.8012	2.931	40860.	69350.
12	460-33104-E-8-B	57220.	1.090	29.83	2.958	1359.	33650.
13	CCV 1200071	125100.	5034.	2493.	12710.	99230.	126700.
14	CCB	-10.16	.2918	.1245	1.581	-1.631	2.008
15	460-32989-D-4-A	48730.	-1.048	.1324	27.98	41.73	6884.
16	460-32989-D-5-A	50200.	- .9443	.4362	49.55	96.96	6947.
17	460-33318-A-5-B@10	9103.	43.85	17.48	237.5	68990.	5459.
18	460-33378-F-1-A	51750.	- .4348	- .1395	4.626	311.2	13830.
19	460-33420-G-1-B	8775.	.0283	.5649	4.507	947.6	909.8
20	460-33421-D-2-B	4.351	.0768	.4445	2.713	4.268	5.873

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
21	460-32950-A-2-A	45590.	.3741	5.930	4.008	453.4	16960.
22	460-32956-D-2-B	-6.177	.1438	.5057	2.413	5.574	1.411
23	460-32956-H-3-B	7290.	.5953	2.811	5.930	954.3	H274000.
24	460-32985-B-1-B	96550.	4.962	.1269	113.3	163.0	13670.

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25	CCV 1200071	123400.	4977.	2467.	12560.	97740.
26	CCB	-7.270	.3879	.2487	1.835	-7.280
27	MB 460-92368/1-A	-7.585	-.0924	.6245	2.759	2.627
28	LCS 460-92368/2-A	20080.	201.1	489.8	248.4	997.7
29	460-32945-P-3-B DU	37460.	.0270	1.330	2.391	38630.
30	460-32945-P-3-A	37640.	.4817	1.095	2.433	38780.
31	SD 460-32945-P-3-A@5	7627.	.1458	.3105	1.914	7815.
32	460-32945-P-3-C MS	57370.	201.0	490.4	253.9	39480.
33	PDS 460-32945-P-3-A	56070.	197.0	483.0	252.2	38550.
34	460-33244-A-1-B@4	28010.	47.41	21.80	150.2	55950.
35	460-33244-A-2-B@4	22430.	118.0	28.16	218.7	76020.
36	460-33244-A-3-B@4	22940.	56.05	29.79	110.4	70550.
37	CCV 1200071	124400.	5009.	2486.	12590.	98560.
38	CCB	-8.581	.1275	.3587	3.081	7.519
39	MB 460-92469/1-A	-2.735	.2367	.6140	3.992	8.023
40	LCS 460-92469/2-A	20240.	203.6	492.7	252.1	998.7
41	460-33202-A-3-A DU	71510.	.1089	.0589	2.352	660.6
42	460-33202-F-3-A	68940.	-.2612	.2622	1.600	632.2
43	SD 460-33202-F-3-A@5	14020.	.0725	.1228	.8615	127.2
44	460-33202-E-3-B MS	89640.	196.3	477.9	245.3	1620.
45	PDS 460-33202-F-3-A	89560.	199.9	486.3	251.0	1634.
46	460-33052-G-2-A	198300.	-1.720	.4561	3.180	26470.
47	460-33052-G-3-A	4515.	.8307	.5381	4.371	1548.
48	460-33052-G-4-A	-3.885	.0351	-.0389	1.899	4.680
49	CCV 1200071	121900.	4905.	2441.	12410.	97020.
50	CCB	-3.448	.4980	.4234	2.762	9.727
51	MB 460-92368/1-A	-9.741	.1367	.8041	3.089	8.588
52	460-32956-H-3-B@2	3688.	.4342	1.753	6.154	493.6
53	460-32991-K-1-A	14320.	-.0272	.8379	6.446	127.6
54	460-32991-K-2-A	3139.	.4574	1.083	5.976	121.4
55	460-33014-A-1-B@5	14000.	321.0	13.75	427.1	90130.
56	460-33058-B-1-B	61110.	25.08	.3957	17.85	58.59
57	460-33108-H-1-A	60550.	.2025	9.049	10.49	3853.
58	460-33108-H-2-A	16430.	2.480	1.431	7.423	5187.
59	460-33108-H-3-A	53110.	-.8345	36.88	15.87	55810.
60	460-33108-H-4-A	66870.	-1.123	1.655	2.811	30710.
61	CCV 1200071	121000.	4899.	2427.	12550.	95530.
62	CCB	5.104	.5019	.5643	4.446	16.61
63	MB 460-92368/1-A	-7.419	-.0582	.4368	3.396	5.026
64	460-33108-H-5-A	-2.846	.2138	.6262	2.639	-1.132
65	460-33168-E-2-B	14.67	.0685	.3096	4.859	4.962
66	460-33168-E-3-B	104300.	-.7332	.3422	2.936	82.99
67	460-33168-E-4-B	12930.	36.94	25.69	19.04	10070.
68	460-33431-E-1-B	52880.	-.8319	-.5704	2.703	5.116
69	460-33214-C-10-B	50690.	-.0356	.0875	2.954	22.89
70	460-33188-J-1-A	.2603	.3329	.1339	3.145	6.770
71	460-33188-H-7-A	-2.828	.0632	-.0452	2.585	-2.733
72	460-33188-R-12-A	23.24	.3972	.5588	3.435	2.024
73	CCV 1200071	119700.	4867.	2410.	12550.	94690.
74	CCB	4.733	.7694	.3254	4.758	17.92

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
75	460-33190-A-2-A	16980.	.8775	-.4188	137.9	34.57	16090.
76	460-33425-B-1-A	71260.	4.413	40.84	3.434	242.3	66820.
77	460-33425-B-2-A	28540.	.5229	1.307	2.815	620.8	14780.
78	460-33474-A-1-A	34660.	2.079	.1125	130.4	1046.	10240.
79	460-33365-F-1-A	60350.	-.8749	-.0848	2.271	16.28	11780.
80	460-33365-F-2-A	39340.	.7409	1.076	12.82	645.4	10390.
81	460-33365-F-3-A	-2.202	-.2315	.2033	2.507	-.8985	-.3829
82	CCV 1200071	121000.	4900.	2433.	12560.	95670.	125600.
83	CCB	3.632	.3099	.6235	3.361	19.55	16.24

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 1200071	5123.	2564.	49010.	1271.	10220.	5112.
2	ICB	.0193	-.9176	14.52	1.066	.0227	-1.296
3	ICSA 1200073	-5.763	.5779	-5.589	1.425	1.418	-2.270
4	ICSAB 1200106	96.54	99.61	10230.	105.5	102.3	93.80
5	INT-20	19030.	10540.	42.14	1.996	-2.133	-7.942
6	REPLIM	20.40	42.22	4378.	10.26	3.659	2.241
7	460-32800-A-1-G DU	249.4	9.359	2290.	.6671	.5524	-2.625
8	460-33311-D-2-A	3922.	2.295	7616.	1.208	.6560	3.936
9	460-33104-E-5-B@5	6090.	.6568	587.0	1.200	.4064	-1.412
10	460-33104-E-6-B@2	1551.	1.688	1080.	1.059	1.289	-.5849

92368v1						
11	460-33104-E-7-B@2	1575.	1.548	1097.	.7566	.2743
12	460-33104-E-8-B	1314.	28.30	4836.	.6957	1.329
13	CCV 1200071	5053.	2533.	48030.	1250.	10200.
14	CCB	-.0172	-.5007	-22.39	.5348	.0343
15	460-32989-D-4-A	6.730	.1555	1185.	.9921	-.6196
16	460-32989-D-5-A	2.240	-.0380	941.3	.5751	1.982
17	460-33318-A-5-B@10	1075.	35.75	643.9	2.608	1295.
18	460-33378-F-1-A	280.6	4.908	10420.	.5848	-.1236
19	460-33420-G-1-B	123.9	.8329	9546.	.8402	-.9829
20	460-33421-D-2-B	-.0879	-.0022	-41.55	.9672	-1.056
21	460-32950-A-2-A	2953.	12.83	11410.	1.023	-.2347
22	460-32956-D-2-B	.0888	-.2325	-56.75	.5416	-1.346
23	460-32956-H-3-B	987.1	3.669	5268.	.8108	-.8212
24	460-32985-B-1-B	13.04	15.40	7717.	.8126	.3582
25	CCV 1200071	5015.	2519.	46980.	1233.	10130.
26	CCB	.0730	-.4774	-29.02	.1122	-.5957
27	MB 460-92368/1-A	-.0307	.7162	-45.15	.8941	-.9525
28	LCS 460-92368/2-A	517.1	506.6	19970.	50.02	514.0
29	460-32945-P-3-B DU	388.7	6.562	1853.	1.002	.2485
30	460-32945-P-3-A	390.0	6.978	1875.	.7518	-.0602
31	SD 460-32945-P-3-A@5	78.06	.8869	259.0	.4264	-.3832
32	460-32945-P-3-C MS	903.8	514.1	23210.	51.12	514.3
33	PDS 460-32945-P-3-A	887.6	505.8	22990.	50.60	510.1
34	460-33244-A-1-B@4	895.3	38.13	2038.	.6447	138.5
35	460-33244-A-2-B@4	1676.	44.87	1209.	1.145	426.3
36	460-33244-A-3-B@4	1827.	41.05	2314.	.6822	242.0
37	CCV 1200071	5042.	2537.	47430.	1240.	10170.
38	CCB	.0504	-.3870	-13.71	.3633	-1.018
39	MB 460-92469/1-A	.1620	-.7128	-29.87	.9295	1.209
40	LCS 460-92469/2-A	522.7	505.2	19180.	50.25	512.5
41	460-33202-A-3-A DU	334.7	1.020	5124.	.8065	.8892

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
42	460-33202-F-3-A	322.0	.6046	4927.	.5139	-.7913	-1.286
43	SD 460-33202-F-3-A@5	64.42	.0556	798.4	.7484	-.9842	-.6191
44	460-33202-E-3-B MS	835.5	489.5	24200.	49.42	492.6	1882.
45	PDS 460-33202-F-3-A	842.4	498.6	24580.	49.98	500.2	1917.
46	460-33052-G-2-A	723.5	1.793	8160.	.5197	2.340	.1318
47	460-33052-G-3-A	24.94	5.510	867.1	.5608	.1262	-2.347
48	460-33052-G-4-A	.0053	-.5662	-58.25	.8630	-.7542	.0300
49	CCV 1200071	4939.	2463.	47050.	1226.	9859.	4911.
50	CCB	.0173	-1.261	-13.39	.7579	-.1783	-1.096
51	MB 460-92368/1-A	-.0940	-.4581	-70.15	.7996	-.7231	-.7015
52	460-32956-H-3-B@2	501.8	1.754	2346.	.9447	-.9486	.7052
53	460-32991-K-1-A	11.29	2.139	2025.	.6728	-.6963	2.023
54	460-32991-K-2-A	7.823	.8541	184.7	.9293	-2.057	-3.495
55	460-33014-A-1-B@5	793.8	419.7	2174.	1.314	54.68	-1.687
56	460-33058-B-1-B	1.637	928.9	27440.	.8916	-1.769	.3082
57	460-33108-H-1-A	905.6	14.18	9224.	1.326	1.124	-1.494
58	460-33108-H-2-A	266.2	7.575	9941.	.8865	2.476	-.8294
59	460-33108-H-3-A	924.4	30.22	5562.	1.337	.6263	-2.635
60	460-33108-H-4-A	429.8	2.432	3875.	1.085	-1.974	.2249
61	CCV 1200071	4988.	2502.	47060.	1225.	10100.	4981.
62	CCB	.4415	-.0108	-59.55	.6117	-.0875	-1.682
63	MB 460-92368/1-A	.0081	-.6309	-41.18	.4840	-1.205	-.1619
64	460-33108-H-5-A	-.1497	.5676	-77.41	.7037	-1.879	-.8084
65	460-33168-E-2-B	-.0182	-1.315	-41.41	.8575	-.9482	-4.925
66	460-33168-E-3-B	.9397	19.29	7562.	.4010	.6156	-.4219
67	460-33168-E-4-B	326.6	27.19	2257.	.8732	8.432	-.2130
68	460-33431-E-1-B	20.27	-.4744	897.1	.6441	1.236	-.3611
69	460-33214-C-10-B	85.59	-.0096	1207.	.5368	3.003	-.6223
70	460-33188-J-1-A	-.0211	.1095	-58.12	.7476	.2904	-1.536
71	460-33188-H-7-A	-.0217	-.2172	-62.51	.5299	-.1564	-1.791
72	460-33188-R-12-A	.0656	-.6894	-51.87	.4377	-.5232	-.7099
73	CCV 1200071	4961.	2494.	46830.	1217.	10090.	4963.
74	CCB	.4750	.0337	-49.93	.7717	.8198	.5197
75	460-33190-A-2-A	1.655	1.287	1105.	.9686	.9468	-.4915
76	460-33425-B-1-A	1120.	49.18	4828.	.7623	.2166	.4100
77	460-33425-B-2-A	22.01	.8003	6626.	.8921	.1753	-2.369
78	460-33474-A-1-A	43.45	7.298	39460.	1.396	3.817	.2393
79	460-33365-F-1-A	22.25	-.3447	707.6	.7428	.7217	-.6678
80	460-33365-F-2-A	5427.	1.846	9346.	1.126	2.724	-1.635
81	460-33365-F-3-A	.2734	-.6462	-65.12	.5797	-.3552	.6892
82	CCV 1200071	4981.	2503.	46920.	1224.	10080.	4971.
83	CCB	.5868	-.1926	-68.27	.8929	1.378	-1.807

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 1200071	123500.	5112.	2552.	2559.	1032.	2561.
2	ICB	-27.34	-1.295	.3673	.0144	1.827	2.265
3	ICSA 1200073	-863.2	-2.376	-.9208	10.54	-1.460	2.467
4	ICSAB 1200106	9397.	98.09	98.83	105.6	98.90	97.41
5	INT-20	-346.1	3.829	19600.	-6.179	14.56	10280.
6	REPLIM	4584.	8.765	55.08	34.67	48.12	27.99
7	460-32800-A-1-G DU	51590.	-1.006	2.555	58.13	9.140	1.518
8	460-33311-D-2-A	21880.	-4.905	.8524	7.153	132.0	1.641

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
9	460-33104-E-5-B@5	15620.	-2.442	1.428	2.090	29.04	1.441
10	460-33104-E-6-B@2	119900.	-3.097	3.609	16.24	3.172	-.3219
11	460-33104-E-7-B@2	124100.	-2.517	3.670	18.20	3.050	-.7114
12	460-33104-E-8-B	66090.	-4.384	3.851	45.62	62.45	-.1349
13	CCV 1200071	121900.	5057.	2543.	2526.	1026.	2519.
14	CCB	-91.63	-1.160	.2542	-.2015	.7290	1.106
15	460-32989-D-4-A	9206.	-1.928	.3277	29.26	32.50	-.9501
16	460-32989-D-5-A	8787.	.5029	.3820	44.05	26.76	-.7829
17	460-33318-A-5-B@10	26.94	-1.696	53.96	2558.	15.63	6.086
18	460-33378-F-1-A	14960.	1.202	1.758	36.93	155.9	-.1034
19	460-33420-G-1-B	H276500.	2.398	.5794	6.570	74.98	5.789
20	460-33421-D-2-B	-249.7	.0925	.4796	1.291	.8483	-.2420
21	460-32950-A-2-A	47640.	-.5743	.9431	5.519	72.95	5.467
22	460-32956-D-2-B	-275.2	-.3403	.2752	1.112	1.087	-1.685
23	460-32956-H-3-B	30900.	-1.619	2.478	14.10	384.2	18.91
24	460-32985-B-1-B	44020.	.7607	2.241	41.46	321.4	6.464
25	CCV 1200071	120000.	5020.	2505.	2502.	1023.	2500.
26	CCB	-31.01	.7998	.1049	.1709	.8948	1.256
27	MB 460-92368/1-A	-257.7	3.070	.4650	1.316	1.168	-2.250
28	LCS 460-92368/2-A	18390.	2023.	497.1	512.5	509.1	494.0
29	460-32945-P-3-B DU	133000.	.1142	.2995	4.732	102.6	-1.394
30	460-32945-P-3-A	132800.	1.589	.1767	4.877	103.6	-1.480
31	SD 460-32945-P-3-A@5	25570.	-.2808	.0296	.7654	20.15	-.6252
32	460-32945-P-3-C MS	151800.	2026.	495.5	508.5	617.8	492.4
33	PDS 460-32945-P-3-A	149500.	2015.	489.9	508.0	613.8	487.9
34	460-33244-A-1-B@4	1784.	-1.823	123.6	422.4	235.3	4.518
35	460-33244-A-2-B@4	1524.	-2.168	141.5	530.1	113.2	1.043
36	460-33244-A-3-B@4	713.8	-3.460	122.3	361.2	316.6	2.219
37	CCV 1200071	120600.	5054.	2517.	2512.	1026.	2507.
38	CCB	-34.67	.7950	.4648	.0690	1.574	1.537
39	MB 460-92469/1-A	-110.5	.5655	.3487	1.241	4.941	.6059
40	LCS 460-92469/2-A	18540.	1998.	503.2	509.4	503.2	503.6
41	460-33202-A-3-A DU	7556.	.0887	1.394	6.587	182.7	1.986
42	460-33202-F-3-A	7298.	-.5598	1.159	6.464	174.3	2.018
43	SD 460-33202-F-3-A@5	1439.	-1.914	.5457	1.401	34.47	.1247
44	460-33202-E-3-B MS	25810.	1922.	487.2	492.2	664.2	486.4
45	PDS 460-33202-F-3-A	26080.	1958.	496.2	501.3	673.6	495.1
46	460-33052-G-2-A	40600.	-3.792	.3793	6.531	101.7	2.581
47	460-33052-G-3-A	2365.	-1.640	.9684	41.47	36.03	.3698
48	460-33052-G-4-A	-68.15	-.1784	.2856	.9142	3.913	-.8392
49	CCV 1200071	119700.	4922.	2464.	2432.	1000.0	2459.
50	CCB	-50.81	-2.040	.4639	.2750	1.189	1.848
51	MB 460-92368/1-A	-169.4	1.487	.4141	1.196	.5271	-1.594
52	460-32956-H-3-B@2	15230.	1.839	1.624	7.090	191.5	9.607
53	460-32991-K-1-A	21030.	2.773	1.259	198.9	26.48	1.381
54	460-32991-K-2-A	1848.	.1892	1.284	209.3	6.643	-.2382
55	460-33014-A-1-B@5	H439500.	-1.430	7.746	1155.	54.76	226.3
56	460-33058-B-1-B	H1494e3	.5488	.3230	11.39	H69800.	9.737
57	460-33108-H-1-A	10690.	-.7387	2.361	28.26	154.6	-2.031
58	460-33108-H-2-A	4631.	.1810	4.634	9.585	75.57	-.9438
59	460-33108-H-3-A	77380.	-3.359	.3111	38.17	42.50	-1.422
60	460-33108-H-4-A	56310.	1.796	.0990	20.29	34.25	-2.212
61	CCV 1200071	118600.	4995.	2456.	2445.	1036.	2479.
62	CCB	-176.2	5.206	.5788	.1512	6.997	.6069

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
63	MB 460-92368/1-A	-164.1	.7301	.5876	-.2475	6.068	-.4157

92368v1						
64	460-33108-H-5-A	-327.1	1.383	.0399	1.190	4.570
65	460-33168-E-2-B	109.5	-.7437	.5463	.6623	8.404
66	460-33168-E-3-B	227500.	-1.350	18.85	2.701	12.78
67	460-33168-E-4-B	23380.	-3.305	32.10	69.25	6.576
68	460-33431-E-1-B	8408.	-2.288	5.173	12.07	40.69
69	460-33214-C-10-B	11020.	-4.737	7.067	19.46	104.1
70	460-33188-J-1-A	-49.31	-.5558	.5885	.6832	6.782
71	460-33188-H-7-A	-119.8	-5.486	.1874	.8915	6.278
72	460-33188-R-12-A	101.9	-4.262	.4859	1.400	6.199
73	CCV 1200071	118300.	4999.	2445.	2432.	1026.
74	CCB	-125.8	1.995	.4925	.6483	1.618
75	460-33190-A-2-A	36000.	.5043	2.033	11.35	41.92
76	460-33425-B-1-A	240500.	.4323	.2407	103.9	9.705
77	460-33425-B-2-A	128800.	-.8832	1.007	5.548	27.53
78	460-33474-A-1-A	110200.	-1.185	.8645	326.3	50.60
79	460-33365-F-1-A	9492.	-4.306	4.934	6.035	32.76
80	460-33365-F-2-A	166400.	-3.207	1.834	13.72	92.89
81	460-33365-F-3-A	-70.05	.8467	.3339	1.758	4.514
82	CCV 1200071	118900.	5000.	2459.	2440.	1025.
83	CCB	-113.1	1.840	.6815	.1427	1.330

#	Sample Name	Sn1899	Ti3349	*Y
1	ICV 1200071	1022.	10190.	1098.58
2	ICB	-.9426	.0664	1132.02
3	ICSA 1200073	4.816	.9278	1072.69
4	ICSAB 1200106	96.49	101.5	1080.2
5	INT-20	.1817	19170.	1124.37
6	REPLIM	46.94	24.90	1170.11
7	460-32800-A-1-G DU	.4050	1.621	1156.34
8	460-33311-D-2-A	-2.210	.3125	1147.59
9	460-33104-E-5-B@5	.0460	8.361	1128.85
10	460-33104-E-6-B@2	.0439	13.66	1138.09
11	460-33104-E-7-B@2	.4492	15.82	1113.88
12	460-33104-E-8-B	.0782	12.47	1160.24
13	CCV 1200071	993.4	10070.	1105.2
14	CCB	1.784	.2445	1147.63
15	460-32989-D-4-A	1.003	.3341	1184.45
16	460-32989-D-5-A	2.345	.0511	1166.62
17	460-33318-A-5-B@10	118.0	464.7	1164.74
18	460-33378-F-1-A	-.0158	-.1580	1135.76
19	460-33420-G-1-B	-.8308	.3137	1181.23
20	460-33421-D-2-B	-1.214	.8960	1181.54
21	460-32950-A-2-A	-.5115	10.32	1165.19
22	460-32956-D-2-B	.1032	.2442	1186.16
23	460-32956-H-3-B	.8241	5.275	1172.18
24	460-32985-B-1-B	.4159	4.899	1169.39
25	CCV 1200071	977.3	9909.	1129.75
26	CCB	-.0176	.1899	1150.88
27	MB 460-92368/1-A	-.6054	.4980	1188.13
28	LCS 460-92368/2-A	487.1	502.3	1190.59
29	460-32945-P-3-B DU	1.524	.1849	1176.84

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#	Sample Name	Sn1899	Ti3349	*Y
30	460-32945-P-3-A	.2674	.2490	1157.22
31	SD 460-32945-P-3-A@5	-.0520	.0238	1153.15
32	460-32945-P-3-C MS	492.7	503.4	1162.85
33	PDS 460-32945-P-3-A	485.6	497.7	1164.31
34	460-33244-A-1-B@4	8.666	1835.	1189.22
35	460-33244-A-2-B@4	7.923	2142.	1200.26
36	460-33244-A-3-B@4	8.433	1255.	1220.56
37	CCV 1200071	983.8	9947.	1119.58
38	CCB	.0951	.2379	1132.07
39	MB 460-92469/1-A	1.821	.5271	1156.01
40	LCS 460-92469/2-A	491.5	509.4	1147.36
41	460-33202-A-3-A DU	.3760	-.1528	1142.33
42	460-33202-F-3-A	-.2728	-.0540	1174.32
43	SD 460-33202-F-3-A@5	.3148	.0743	1144.76
44	460-33202-E-3-B MS	477.5	493.6	1128.65
45	PDS 460-33202-F-3-A	487.2	502.7	1121.31
46	460-33052-G-2-A	-.2145	-.3882	1094.31
47	460-33052-G-3-A	-.3321	7.699	1165.01
48	460-33052-G-4-A	-1.319	.0711	1169.51
49	CCV 1200071	970.3	9793.	1132.2

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50	CCB	-1.099	.3527	1136.79
51	MB 460-92368/1-A	-1.278	.1986	1203.98
52	460-32956-H-3-B@2	.1284	3.030	1158.75
53	460-32991-K-1-A	.4595	6.103	1183.41
54	460-32991-K-2-A	-.5213	5.711	1195.16
55	460-33014-A-1-B@5	22.37	96.52	1117.71
56	460-33058-B-1-B	1.865	-.0477	1088.37
57	460-33108-H-1-A	-.5319	21.91	1174.41
58	460-33108-H-2-A	.5309	33.53	1191.85
59	460-33108-H-3-A	.0953	2.090	1169.73
60	460-33108-H-4-A	-.0121	.0626	1155.42
61	CCV 1200071	960.7	9744.	1113.84
62	CCB	-.8528	1.275	1188.07
63	MB 460-92368/1-A	-.2792	.2884	1162.35
64	460-33108-H-5-A	-.2727	.2650	1192.84
65	460-33168-E-2-B	1.071	.1901	1150.9
66	460-33168-E-3-B	.7186	2.692	1138.3
67	460-33168-E-4-B	3.561	641.5	1190.61
68	460-33431-E-1-B	-.6676	-.1297	1171.64
69	460-33214-C-10-B	-.5561	-.3161	1148.33
70	460-33188-J-1-A	.6026	-.0093	1159.45
71	460-33188-H-7-A	-.5536	-.0262	1161.65
72	460-33188-R-12-A	.9388	.1623	1168.92
73	CCV 1200071	948.6	9697.	1125.68
74	CCB	-.1721	1.241	1182.76
75	460-33190-A-2-A	1.170	3.100	1160.51
76	460-33425-B-1-A	-.2888	4.163	1322.91
77	460-33425-B-2-A	.4064	8.300	1154.86
78	460-33474-A-1-A	3.374	4.563	1148.62
79	460-33365-F-1-A	.8995	-.1319	1167.84
80	460-33365-F-2-A	-1.266	1.703	1182.74
81	460-33365-F-3-A	-1.368	.0732	1172.95
82	CCV 1200071	958.0	9755.	1137.02
83	CCB	-.2187	1.310	1190.79

Method: SW846 Standard: T2CAL-BLK
Run Time: 11/10/11 10:15:56

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.4988	.0869	-.1132	-.0018	-.0746	-.0285	.2224
SDev	.0169	.0017	.0018	.0000	.0012	.0073	.0005
%RSD	3.383	1.950	1.618	.5220	1.630	25.60	.2431

#1	.4869	.0857	-.1119	-.0017	-.0755	-.0337	.2220
#2	.5107	.0881	-.1145	-.0018	-.0738	-.0233	.2228

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Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0088	-.0070	.0289	-.0132	-.1961	.0044	-.0368
SDev	.0050	.0049	.0011	.0012	.0033	.0000	.0010
%RSD	57.01	70.32	3.764	8.908	1.693	.5220	2.845

#1	.0052	-.0105	.0297	-.0140	-.1984	.0044	-.0376
#2	.0123	-.0035	.0282	-.0123	-.1937	.0044	-.0361

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	10.71	-.1798	.1767	-.0624	.0009	.0294	-.0070
SDev	.12	.0015	.0245	.0239	.0000	.0017	.0000
%RSD	1.107	.8577	13.87	38.33	.5220	5.811	.5220

#1	10.62	-.1809	.1940	-.0455	.0009	.0306	-.0070
#2	10.79	-.1788	.1594	-.0793	.0009	.0282	-.0070

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0930	-.0311	-.0184	.2556	-.0256	-.1801	.1140
SDev	.0057	.0067	.0038	.0464	.0510	.0766	.0143
%RSD	6.150	21.40	20.71	18.17	199.4	42.56	12.54

#1	.0970	-.0358	-.0157	.2885	.0105	-.1259	.1241
#2	.0889	-.0264	-.0211	.2228	-.0616	-.2342	.1039

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

					92368v1		
Avg	1140	--	--	--	--	--	--
SDev	5.950331	--	--	--	--	--	--
%RSD	.5220379	--	--	--	--	--	--
#1	1144	--	--	--	--	--	--
#2	1136	--	--	--	--	--	--

Method: SW846 Standard: T2CAL1
Run Time: 11/10/11 10:22:05

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avg	52.93	4.158	26.00	16.79	10.20	53.56	67.73
SDev	.14	.051	.24	.02	.04	.16	.30
%RSD	.2699	1.226	.9253	.1190	.4198	.2986	.4401

#1	52.83	4.195	25.83	16.77	10.17	53.45	67.52
#2	53.03	4.122	26.17	16.80	10.23	53.67	67.94

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avg	17.73	3.594	11.55	19.97	31.27	14.42	12.41
SDev	.08	.006	.01	.08	.04	.04	.03
%RSD	.4491	.1630	.1015	.3992	.1414	.2992	.2680

#1	17.68	3.589	11.54	19.92	31.24	14.39	12.38
#2	17.79	3.598	11.56	20.03	31.30	14.45	12.43

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avg	3.736	11.63	4.286	4.106	2.026	27.20	4.367
SDev	.027	.01	.013	.015	.005	.23	.049
%RSD	.7221	.1127	.3080	.3769	.2705	.8419	1.117

#1	3.717	11.62	4.277	4.095	2.022	27.04	4.401
#2	3.755	11.64	4.296	4.117	2.030	27.36	4.332

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avg	46.52	67.66	60.31	10.69	9.491		
SDev	.10	.23	.25	.01	.013		
%RSD	.2203	.3327	.4165	.0620	.1387		

#1	46.45	67.50	60.13	10.70	9.482	**Standardization Rpt.	
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#2	46.59	67.82	60.49	10.69	9.501		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1116	--	--	--	--	--	--
SDev	1.622841	--	--	--	--	--	--
%RSD	.1454129	--	--	--	--	--	--

#1	1117	--	--	--	--	--	--
#2	1115	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
Run Time: 11/10/11 10:28:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avg	273.4	21.52	133.6	83.92	51.49	268.3	336.7
SDev	.9	.06	.2	.21	.02	.7	.0
%RSD	.3264	.2651	.1149	.2558	.0338	.2466	.0031

#1	272.7	21.48	133.5	83.77	51.48	267.8	336.6
#2	274.0	21.56	133.7	84.08	51.50	268.7	336.7

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avg	89.42	18.19	59.79	100.5	167.7	72.18	62.94
SDev	.11	.01	.18	.0	.4	.06	.10
%RSD	.1224	.0755	.3027	.0087	.2212	.0860	.1639

#1	89.35	18.18	59.66	100.5	167.4	72.14	62.87
#2	89.50	18.20	59.92	100.5	167.9	72.23	63.01

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avg	20.34	59.90	21.90	20.09	10.66	137.9	22.25
SDev	.05	.11	.04	.01	.06	.3	.05
%RSD	.2552	.1897	.1806	.0680	.5201	.2448	.2446

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#1	20.30	59.82	21.87	20.08	10.62	137.6	22.21
#2	20.37	59.98	21.93	20.10	10.70	138.1	22.29

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	234.9	342.0	306.7	56.33	48.23
SDev	.5	.5	1.4	.35	.14
%RSD	.2186	.1345	.4445	.6172	.2913

#1	234.6	341.6	305.7	56.08	48.13
#2	235.3	342.3	307.6	56.58	48.33

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1091	--	--	--	--	--	--
SDev	.0318509	--	--	--	--	--	--
%RSD	.0029190	--	--	--	--	--	--

#1	1091	--	--	--	--	--	--
#2	1091	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 11/10/11 10:34:24

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	549.4	43.72	265.6	162.9	100.3	519.7	642.2
SDev	.8	.02	.5	.2	.0	.0	.3
%RSD	.1428	.0505	.2057	.1348	.0247	.0013	.0425

#1	549.9	43.70	265.2	163.0	100.3	519.7	642.0
#2	548.8	43.73	266.0	162.7	100.3	519.7	642.4

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	174.9	35.69	120.9	196.6	344.4	139.4	123.1
SDev	.0	.01	.2	.0	.6	.1	.1
%RSD	.0035	.0216	.2019	.0173	.1771	.0486	.0751

#1	174.9	35.69	121.1	196.6	344.9	139.4	123.1
#2	174.9	35.70	120.8	196.6	344.0	139.3	123.2

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Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	611.9	41.89	159.7	119.1	43.45	38.32	21.48
SDev	.8	.02	.3	.1	.02	.04	.02
%RSD	.1295	.0568	.1963	.1153	.0363	.0970	.1153

#1	611.3	41.91	159.9	119.0	43.46	38.29	21.46
#2	612.4	41.88	159.5	119.2	43.44	38.34	21.50

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	271.3	44.19	461.9	672.0	604.6	113.0	96.20
SDev	.4	.03	.1	.5	.8	.1	.08
%RSD	.1320	.0776	.0196	.0741	.1395	.1074	.0843

#1	271.1	44.16	461.9	672.4	604.0	112.9	96.26
#2	271.6	44.21	461.8	671.7	605.2	113.0	96.14

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1077	--	--	--	--	--	--
SDev	3.531995	--	--	--	--	--	--
%RSD	.3278357	--	--	--	--	--	--

#1	1075	--	--	--	--	--	--
#2	1080	--	--	--	--	--	--

Method: SW846 Slope = Conc(SIR)/IR

Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	463.612	-225.177	11/10/11 10:34:24
Sb2068	206.838	Multiple	Standards	48.3642	-4.12996	11/10/11 10:34:24
As1890	189.042	Multiple	Standards	37.7801	4.38956	11/10/11 10:34:24

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Ba4934	493.409	Multiple	Standards	120.342	.009681	11/10/11 10:34:24
Be3130	313.042	Multiple	Standards	19.5814	1.44749	11/10/11 10:34:24
Cd2265	226.502	Multiple	Standards	9.45283	.220347	11/10/11 10:34:24
Ca3179	317.933	Multiple	Standards	376.934	-88.1661	11/10/11 10:34:24
Cr2677	267.716	Multiple	Standards	56.5140	-.520680	11/10/11 10:34:24
Co2286	228.616	Multiple	Standards	139.976	.978949	11/10/11 10:34:24
Cu3247	324.754	Multiple	Standards	210.885	-5.49393	11/10/11 10:34:24
Fe2714	271.441	Multiple	Standards	1006.72	12.4286	11/10/11 10:34:24
Mg3832	383.231	Multiple	Standards	753.612	158.951	11/10/11 10:34:24
Mn2576	257.610	Multiple	Standards	70.1479	-.414402	11/10/11 10:34:24
Ni2316	231.604	Multiple	Standards	40.1613	1.47685	11/10/11 10:34:24
K_7664	766.491	T2CAL3	T2CAL-BLK	1.05791	1.88532	11/10/11 10:34:24
Ag3280	328.068	Multiple	Standards	61.2862	11.1082	11/10/11 10:34:24
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	1.06759	-.000104	11/10/11 10:34:24
Tl1908	190.864	Multiple	Standards	84.4650	5.38669	11/10/11 10:34:24
V_2924	292.402	Multiple	Standards	115.088	-.053122	11/10/11 10:34:24
Zn2062	206.200	Multiple	Standards	125.774	-3.81827	11/10/11 10:34:24
B_2496	249.678	Multiple	Standards	95.5049	.729046	11/10/11 10:34:24
Mo2020	202.030	Multiple	Standards	18.3506	-1.68633	11/10/11 10:34:24
Sn1899	189.989	Multiple	Standards	45.5549	1.42783	11/10/11 10:34:24

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Element	Wavelength	High std	Low std	Slope	Y-intercept	Date Standardized
Ti3349	334.941	Multiple	Standards	42.9488	.787175	11/10/11 10:34:24
2203/1	220.351	Multiple	Standards	29.7422	-7.55981	11/10/11 10:34:24
2203/2	220.352	Multiple	Standards	32.8135	.929451	11/10/11 10:34:24
1960/1	196.021	Multiple	Standards	89.4643	16.3291	11/10/11 10:34:24
1960/2	196.022	Multiple	Standards	104.257	-11.7471	11/10/11 10:34:24

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	6.07397	-6.07397
		T2CAL1	25000.0	24315.5	684.518
		T2CAL2	125000.	126505.	-1505.29
		T2CAL3	250000.	254478.	-4477.72

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.070942	-.070942
		T2CAL1	200.000	196.992	3.00822
		T2CAL2	1000.00	1036.81	-36.8110
		T2CAL3	2000.00	2110.15	-110.150

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	.113615	-.113615
		T2CAL1	1000.00	986.558	13.4424
		T2CAL2	5000.00	5052.83	-52.8345
		T2CAL3	10000.0	10038.4	-38.3564

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.201480	.201480
		T2CAL1	2000.00	2020.17	-20.1738
		T2CAL2	10000.0	10099.6	-99.5762
		T2CAL3	20000.0	19599.1	400.891

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.013693	.013693
		T2CAL1	200.000	201.193	-1.19287
		T2CAL2	1000.00	1009.69	-9.69257
		T2CAL3	2000.00	1965.63	34.3693

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.049002	.049002
		T2CAL1	500.000	506.503	-6.50281
		T2CAL2	2500.00	2536.14	-36.1350
		T2CAL3	5000.00	4912.95	87.0483

CorCoef: 0.99986

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-4.33462	4.33462

T2CAL1 25000.0 92368v1 25441.4 -441.420
 T2CAL2 125000. 126809. -1809.12
 T2CAL3 250000. 241968. 8032.45 ••Standardization Rea
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CorCoef: 0.99969

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.024130	.024130
		T2CAL1	1000.00	1001.75	-1.74963
		T2CAL2	5000.00	5053.16	-53.1636
		T2CAL3	10000.0	9882.93	117.073

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.001689	.001689
		T2CAL1	500.000	503.993	-3.99335
		T2CAL2	2500.00	2547.05	-47.0452
		T2CAL3	5000.00	4996.96	3.04297

CorCoef: 0.99995

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	.610945	-.610945
		T2CAL1	2500.00	2429.84	70.1648
		T2CAL2	12500.0	12602.7	-102.692
		T2CAL3	25000.0	25496.3	-496.264

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-.816684	.816684
		T2CAL1	20000.0	20121.2	-121.219
		T2CAL2	100000.	101186.	-1185.63
		T2CAL3	200000.	197951.	2049.19

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	11.1881	-11.1881
		T2CAL1	25000.0	23723.0	1276.96
		T2CAL2	125000.	126522.	-1522.50
		T2CAL3	250000.	259725.	-9724.58

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.106685	.106685
		T2CAL1	1000.00	1010.90	-10.8982
		T2CAL2	5000.00	5063.00	-63.0044
		T2CAL3	10000.0	9777.01	222.991

CorCoef: 0.99983

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.002888	.002888
		T2CAL1	500.000	499.814	.186127
		T2CAL2	2500.00	2529.19	-29.1877
		T2CAL3	5000.00	4947.31	52.6899

CorCoef: 0.99993

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	13.2139	10.7085	2.50544
		T2CAL3	649.204	611.885	37.3187

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.086060	-.086060
		T2CAL1	250.000	240.049	9.95076
		T2CAL2	1250.00	1257.49	-7.48669
		T2CAL3	2500.00	2578.53	-78.5342

CorCoef: 0.99991

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Na3302	330.232	T2CAL-BLK T2CAL3	.000000 170.478	92368v1 .000000 159.685	.000000 10.7927
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 1000.00 5000.00 10000.0	.120081 987.841 5064.67 10063.0	-.120081 12.1591 -64.6743 -62.9951
CorCoef: 0.99999					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 500.000 2500.00 5000.00	.047849 493.238 2520.06 5000.51	-.047849 6.76193 -20.0642 -.505371
CorCoef: 0.99999					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 500.000 2500.00 5000.00	-.122273 512.625 2523.23 4815.30	.122273 -12.6254 -23.2251 184.703
CorCoef: 0.99969					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 200.000 1000.00 2000.00	.058725 194.217 1018.50 2051.96	-.058725 5.78285 -18.5030 -51.9626
CorCoef: 0.99998					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 500.000 2500.00 5000.00	.019937 497.464 2528.38 4976.97	-.019937 2.53604 -28.3823 23.0347
CorCoef: 0.99996					
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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 200.000 1000.00 2000.00	.009812 200.358 1015.05 2014.44	-.009812 -.357513 -15.0532 -14.4384
CorCoef: 0.99999					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 2000.00 10000.0 20000.0	-.004535 1998.74 10091.6 19836.7	.004535 1.26318 -91.5664 163.271
CorCoef: 0.99996					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 2000.00 10000.0 20000.0	.042867 2004.75 10163.3 19980.6	-.042867 -4.74622 -163.329 19.3711
CorCoef: 0.99996					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 2000.00 10000.0 20000.0	.090226 1979.85 10063.3 19839.6	-.090226 20.1492 -63.2607 160.422
CorCoef: 0.99997					
Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK T2CAL1 T2CAL2 T2CAL3	.000000 1000.00 5000.00 10000.0	.220896 972.800 5055.83 10122.1	-.220896 27.2004 -55.8291 -122.119

CorCoef: 0.99999

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	.139762	-.139762
		T2CAL1	1000.00	977.788	22.2122
		T2CAL2	5000.00	5016.94	-16.9429
		T2CAL3	10000.0	10018.0	-17.9570

CorCoef: 1.00000

Method: SW846 Sample Name: ICV 1200071 Operator:
Run Time: 11/10/11 10:40:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128200.	1025.	5123.	10210.	1025.	2556.	128600.
SDev	25.	1.	18.	5.	.	1.	138.
%RSD	.0191	.0605	.3532	.0458	.0473	.0393	.1075
#1	128200.	1024.	5136.	10210.	1025.	2557.	128700.
#2	128200.	1025.	5111.	10220.	1024.	2556.	128500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	131800.	1054.	5272.	10540.	1054.	2636.	131800.
Low	118200.	946.0	4728.	9455.	946.0	2364.	118200.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5137.	2556.	12720.	102400.	127800.	5123.	2564.
SDev	4.	3.	10.	95.	17.	4.	2.
%RSD	.0759	.1294	.0785	.0929	.0136	.0737	.0723
#1	5140.	2558.	12710.	102400.	127700.	5126.	2565.
#2	5135.	2554.	12720.	102300.	127800.	5120.	2563.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5272.	2636.	13180.	105400.	131800.	5272.	2636.
Low	4728.	2364.	11820.	94560.	118200.	4728.	2364.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49010.	1271.	10220.	5112.	123500.	5112.	2552.
SDev	55.	2.	10.	4.	39.	11.	1.
%RSD	.1129	.1246	.0940	.0712	.0319	.2247	.0494
#1	48970.	1270.	10230.	5114.	123500.	5120.	2553.
#2	49050.	1272.	10210.	5109.	123600.	5103.	2551.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	52720.	1318.	10540.	5272.	131800.	5272.	2636.
Low	47280.	1182.	9455.	4728.	118200.	4728.	2364.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2559.	1032.	2561.	1022.	10190.	10200.	10230.
SDev	3.	1.	1.	4.	2.	36.	3.
%RSD	.1356	.1241	.0265	.3674	.0175	.3490	.0330
#1	2561.	1033.	2562.	1025.	10190.	10230.	10220.
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#2	2556.	1031.	2561.	1019.	10190.	10180.	10230.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2636.	1054.	2636.	1054.	10540.		
Low	2364.	946.0	2364.	946.0	9455.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5105.	5115.					
SDev	27.	8.					
%RSD	.5228	.1538					
#1	5124.	5109.					
#2	5086.	5120.					
Errors	NOCHECK	NOCHECK					

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High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1099	--	--	--	--	--	--
SDev	.0636154	--	--	--	--	--	--
%RSD	.0057907	--	--	--	--	--	--
#1	1099	--	--	--	--	--	--
#2	1099	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:

Run Time: 11/10/11 10:46:43

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	••Analysis Report
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	

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Avge	35.73	-1.658	.7867	.0097	.0117	.0012	-14.08
SDev	17.57	1.790	.9731	.0000	.0074	.0313	.32
%RSD	49.19	107.9	123.7	.0000	63.14	2685.	2.295

#1	23.30	-2.924	.0986	.0097	.0170	-.0210	-13.85
#2	48.16	-.3929	1.475	.0097	.0065	.0233	-14.31

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2277	.1744	.8407	.8446	17.47	.0193	-.9176
SDev	.2786	.2666	.2962	.0317	4.97	.0900	.1131
%RSD	122.3	152.9	35.23	3.756	28.44	465.6	12.33

#1	.4247	.3629	.6313	.8671	20.99	-.0443	-.9976
#2	.0307	-.0141	1.050	.8222	13.96	.0829	-.8376

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.52	1.066	.0227	-1.296	-27.34	-1.295	.3673
SDev	7.89	.014	.3106	.260	31.03	1.988	.1505
%RSD	54.31	1.334	1368.	20.05	113.5	153.5	40.97

#1	8.944	1.076	-.1969	-1.480	-5.399	.1109	.4737
#2	20.10	1.056	.2424	-1.112	-49.29	-2.700	.2609

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0144	1.827	2.265	-.9426	.0664	-1.185	.6216
SDev	.2160	.125	1.401	1.1832	.0500	1.177	.1221
%RSD	1498.	6.848	61.84	125.5	75.30	99.35	19.63

#1	.1671	1.738	3.256	-1.779	.0310	-2.017	.7080
#2	-.1383	1.915	1.275	-.1059	.1017	-.3525	.5353

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.128	-1.389
SDev	3.152	1.184
%RSD	279.3	85.25

#1 -3.357 -.5517 ••Analysis Report
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#2 1.100 -2.226

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1132	--	--	--	--	--	--
SDev	5.854865	--	--	--	--	--	--
%RSD	.5172051	--	--	--	--	--	--

#1	1136	--	--	--	--	--	--
#2	1128	--	--	--	--	--	--

Method: SW846 Sample Name: ICSA 1200073 Operator:

Run Time: 11/10/11 10:52:51

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	482800.	-2.675	.8667	4.890	.1091	-2.014	460100.
SDev	638.	1.782	.3513	.075	.0194	.035	113.
%RSD	.1321	66.61	40.54	1.542	17.80	1.723	.0245

#1	483200.	-1.415	.6183	4.836	.1229	-2.039	460000.
#2	482300.	-3.935	1.115	4.943	.0954	-1.990	460100.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	20.00	10.00	100.0	5.000	8.000	600000.
Low	400000.	-20.00	-10.00	-100.0	-5.000	-8.000	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.202	2.086	5.122	199100.	526400.	-5.763	.5779

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SDev	.340	.091	.287	144.	1393.	.020	.3170
%RSD	15.44	4.378	5.594	.0721	.2647	.3441	54.85

#1	-1.961	2.021	5.325	199200.	527400.	-5.777	.8020
#2	-2.442	2.150	4.920	199000.	525400.	-5.749	.3537

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20.00	20.00	50.00	240000.	600000.	20.00	20.00
Low	-20.00	-20.00	-50.00	160000.	400000.	-20.00	-20.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.589	1.425	1.418	-2.270	-863.2	-2.376	-.9208
SDev	.773	.129	.605	2.525	132.4	9.401	.0031
%RSD	13.83	9.063	42.71	111.2	15.34	395.7	.3405

#1	-6.136	1.334	1.846	-4.055	-769.6	4.272	-.9231
#2	-5.043	1.516	.9896	-.4843	-956.8	-9.023	-.9186

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2000.	10.00	10.00	10.00	2000.	20.00	20.00
Low	-2000.	-10.00	-10.00	-10.00	-2000.	-20.00	-20.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.54	-1.460	2.467	4.816	.9278	-24.60	14.40
SDev	.26	.317	.492	.892	.0283	3.73	2.77
%RSD	2.469	21.69	19.97	18.52	3.048	15.16	19.23

#1	10.73	-1.684	2.118	4.186	.9078	-27.24	16.36
#2	10.36	-1.236	2.815	5.447	.9478	-21.97	12.45

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	30.00	30.00	30.00	50.00	92368v1 30.00
Low	-30.00	-30.00	-30.00	-50.00	-30.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	12.70	-9.752
SDev	2.06	4.814
%RSD	16.22	49.36

#1	14.15	-13.16
#2	11.24	-6.348

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1073	--	--	--	--	--	--
SDev	.8591106	--	--	--	--	--	--
%RSD	.0800895	--	--	--	--	--	--

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#1	1072	--	--	--	--	--	--
#2	1073	--	--	--	--	--	--

Method: SW846 Sample Name: ICSAB 1200106 Operator:
Run Time: 11/10/11 10:58:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	478900.	98.95	103.0	108.4	100.4	98.01	459200.
SDev	6853.	5.24	4.3	1.2	1.4	2.07	5993.
%RSD	1.431	5.292	4.180	1.105	1.360	2.109	1.305

#1	483700.	102.7	106.0	109.3	101.4	99.47	463500.
#2	474000.	95.25	99.91	107.6	99.42	96.55	455000.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	97.60	100.9	108.4	198500.	521900.	96.54	99.61
SDev	1.52	1.7	1.4	2739.	6731.	1.19	1.66
%RSD	1.554	1.638	1.288	1.380	1.290	1.236	1.669

#1	98.67	102.1	109.4	200500.	526700.	97.39	100.8
#2	96.53	99.76	107.4	196600.	517200.	95.70	98.44

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10230.	105.5	102.3	93.80	9397.	98.09	98.83

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SDev	122.	1.5	2.5	1.92	128.	2.35	1.29
%RSD	1.188	1.406	2.492	2.046	1.359	2.392	1.310

#1	10320.	106.6	104.1	92.44	9487.	99.75	99.74
#2	10140.	104.5	100.5	95.16	9307.	96.43	97.91

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2

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	92368v1						
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	105.6	98.90	97.41	96.49	101.5	79.83	113.5
SDev	2.0	1.33	.86	6.01	1.2	3.36	2.1
%RSD	1.846	1.347	.8841	6.226	1.179	4.207	1.890
#1	107.0	99.84	98.02	100.7	102.4	82.20	115.0
#2	104.2	97.96	96.80	92.24	100.7	77.45	112.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	110.3	85.53					
SDev	11.6	8.66					
%RSD	10.49	10.12					
#1	118.5	79.41					
#2	102.2	91.65					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1080	--	--	--	--	--	--
SDev	11.93243	--	--	--	--	--	--
%RSD	1.104647	--	--	--	--	--	--
#1	1072	--	--	--	--	--	--
#2	1089	--	--	--	--	--	--

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Method: SW846 Sample Name: INT-20 Operator:
Run Time: 11/10/11 11:06:04
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	131.5	-37.14	.1971	10270.	-.3238	-1.480	82.14
SDev	16.4	1.08	3.194	6.	.0276	.071	3.00
%RSD	12.46	2.917	1620.	.0576	8.532	4.776	3.651
#1	119.9	-37.91	-2.061	10260.	-.3043	-1.430	84.26
#2	143.1	-36.38	2.456	10270.	-.3434	-1.530	80.02
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20110.	19670.	.4142	47.93	84.89	19030.	10540.
SDev	18.	9.	.1380	8.70	2.44	4.	10.
%RSD	.0912	.0466	33.31	18.15	2.871	.0209	.0941
#1	20090.	19660.	.5118	54.08	83.16	19030.	10530.
#2	20120.	19670.	.3166	41.78	86.61	19030.	10550.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.14	1.996	-2.133	-7.942	-346.1	3.829	19600.
SDev	1.21	.291	.686	.589	90.8	3.589	41.
%RSD	2.877	14.60	32.16	7.411	26.23	93.74	.2083
#1	43.00	1.789	-2.618	-8.359	-410.3	6.367	19570.
#2	41.28	2.202	-1.648	-7.526	-282.0	1.291	19630.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-6.179	14.56	10280.	.1817	19170.	-7.688	.6357
SDev	.017	.68	23.	1.835	9.	.157	1.107
%RSD	.2712	4.660	.2230	1010.	.0459	2.038	174.1
#1	-6.191	15.04	10270.	-1.116	19160.	-7.577	-.1469
#2	-6.167	14.08	10300.	1.479	19170.	-7.798	1.418

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Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-19.29	-2.285
SDev	2.94	2.349
%RSD	15.22	102.8

#1	-17.22	-3.946
#2	-21.37	-.6246

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1124	--	--	--	--	--	--
SDev	1.018279	--	--	--	--	--	--
%RSD	.0905644	--	--	--	--	--	--

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#1	1124	--	--	--	--	--	--
#2	1125	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM

Operator:

Run Time: 11/10/11 11:12:12

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	288.3	5.798	5.008	203.0	2.029	4.281	5095.
SDev	15.8	.060	.983	2.0	.032	.074	61.
%RSD	5.481	1.037	19.63	.9629	1.598	1.733	1.204

#1	277.1	5.756	5.703	204.4	2.052	4.333	5138.
#2	299.5	5.841	4.313	201.6	2.006	4.228	5052.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.59	54.44	25.24	167.1	4802.	20.40	42.22
SDev	1.28	1.44	.48	19.8	23.	2.06	.35
%RSD	8.753	2.637	1.902	11.87	.4878	10.09	.8236

#1	15.50	55.45	25.57	181.1	4819.	21.86	42.47
#2	13.69	53.42	24.90	153.1	4786.	18.95	41.98

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4378.	10.26	3.659	2.241	4584.	8.765	55.08
SDev	22.	.04	1.305	1.224	46.	.409	2.41
%RSD	.4936	.3832	35.67	54.62	1.003	4.668	4.368

#1	4393.	10.23	4.581	1.376	4617.	9.054	56.78
#2	4362.	10.28	2.736	3.107	4552.	8.475	53.38

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	34.67	48.12	27.99	46.94	24.90	.5482	5.208
SDev	.58	1.13	1.17	1.87	1.74	1.631	1.142
%RSD	1.670	2.347	4.179	3.978	6.977	297.4	21.94

#1	35.08	48.92	28.82	45.62	26.13	1.701	6.015
#2	34.26	47.32	27.17	48.26	23.67	-.6048	4.400

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.282	2.213
SDev	.009	1.840
%RSD	.4083	83.18

#1	2.288	.9112
#2	2.275	3.514

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED

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Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1170	--	--	--	--	--	--
SDev	3.722841	--	--	--	--	--	--
%RSD	.3181609	--	--	--	--	--	--
#1	1167	--	--	--	--	--	--
#2	1173	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32800-A-1-G DU Operator:

Run Time: 11/10/11 11:18:21

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76.47	-3.440	8.767	215.4	.4155	-.3860	20950.
SDev	19.11	1.161	.287	1.1	.0330	.2283	55.
%RSD	25.00	33.76	3.271	.5001	7.933	59.13	.2612

#1	62.95	-4.261	8.564	216.1	.3922	-.5475	20910.
#2	89.98	-2.619	8.970	214.6	.4388	-.2246	20990.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.274	4.214	1.071	13370.	12550.	249.4	9.359
SDev	.688	.846	.244	14.	28.	.3	.670
%RSD	53.97	20.08	22.74	.1027	.2220	.1262	7.162

#1	1.760	4.813	1.243	13360.	12530.	249.7	9.833
#2	.7878	3.616	.8989	13380.	12570.	249.2	8.885

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-1000.0	-10.00	-5.000	-5.000	-10.00	-10.00	-10.00

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Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2290.	.6671	.5524	-2.625	51590.	-1.006	2.555
SDev	6.	.4271	.2104	1.454	81.	2.074	1.047
%RSD	.2447	64.02	38.09	55.37	.1564	206.1	41.00

#1	2286.	.3651	.7012	-3.653	51530.	.4604	3.295
#2	2294.	.9691	.4036	-1.597	51640.	-2.473	1.814

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	58.13	9.140	1.518	.4050	1.621	.0330	.8079
SDev	.98	.038	.164	1.281	1.285	1.610	1.119
%RSD	1.687	.4106	10.82	316.3	79.26	4884.	138.6

#1	57.43	9.167	1.402	-.5009	2.530	-1.106	1.599
#2	58.82	9.114	1.634	1.311	.7126	1.172	.0163

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.849	-4.868
SDev	7.026	1.329
%RSD	380.1	27.29

#1	-3.119	-3.928
#2	6.817	-5.807

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Errors
High
Low

NOCHECK NOCHECK

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1156	--	--	--	--	--	--
SDev	2.513716	--	--	--	--	--	--
%RSD	.2173851	--	--	--	--	--	--
#1	1158	--	--	--	--	--	--
#2	1155	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33311-D-2-A Operator:

Run Time: 11/10/11 11:24:29

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.462	-4.304	1.423	62.42	.1419	.0389	63340.
SDev	14.46	.684	3.004	1.35	.0212	.1060	1763.
%RSD	193.7	15.90	211.2	2.163	14.92	272.5	2.783

#1	-2.760	-4.788	3.547	61.47	.1269	.1138	62090.
#2	17.69	-3.820	-.7016	63.38	.1569	-.0360	64580.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1498	2.240	2.504	13.48	10540.	3922.	2.295
SDev	.3004	.917	.322	4.22	280.	110.	.302
%RSD	200.5	40.95	12.86	31.34	2.656	2.817	13.15

#1	.3622	2.888	2.276	16.47	10350.	3843.	2.508
#2	-.0626	1.591	2.731	10.49	10740.	4000.	2.082

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7616.	1.208	.6560	3.936	21880.	-4.905	.8524
SDev	206.	.162	.3696	1.473	591.	2.292	.5443
%RSD	2.705	13.44	56.33	37.42	2.700	46.73	63.85

#1	7470.	1.322	.9174	2.895	21470.	-3.284	1.237
#2	7761.	1.093	.3947	4.978	22300.	-6.526	.4676

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

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Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.153	132.0	1.641	-2.210	.3125	-1.352	1.655
SDev	.883	5.0	.148	2.107	.5671	2.410	.649
%RSD	12.35	3.823	9.007	95.36	181.5	178.3	39.23

#1	6.528	128.4	1.537	-.7199	.7135	.3523	1.196
#2	7.777	135.5	1.746	-3.700	-.0885	-3.056	2.114

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.112	5.338

SDev	1.552	1.433					
%RSD	139.6	26.85					
#1	.0144	4.324					
#2	2.209	6.351					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	27.55593	--	--	--	--	--	--
%RSD	2.401200	--	--	--	--	--	--
#1	1167	--	--	--	--	--	--
#2	1128	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-E-5-B@5 Operator:

Run Time: 11/10/11 11:30:38

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	580.8	-2.608	1.184	85.31	.1580	-.0147	9973.
SDev	45.9	2.124	.937	1.63	.0247	.0508	236.
%RSD	7.907	81.43	79.15	1.914	15.62	344.1	2.366

#1	548.3	-1.107	1.846	84.16	.1754	.0211	9807.
#2	613.2	-4.110	.5212	86.46	.1405	-.0506	10140.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.160	28.92	1.606	2556.	3995.	6090.	.6568
SDev	.102	.80	.136	71.	100.	150.	.5880
%RSD	8.827	2.758	8.460	2.767	2.499	2.458	89.52

#1	1.088	28.36	1.510	2506.	3925.	5984.	.2410
#2	1.233	29.48	1.702	2606.	4066.	6195.	1.073

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	587.0	1.200	.4064	-1.412	15620.	-2.442	1.428
SDev	29.1	.271	1.298	1.063	443.	4.527	.046
%RSD	4.956	22.57	319.5	75.27	2.836	185.4	3.218

#1	566.4	1.009	-.5117	-2.164	15310.	.7592	1.460
#2	607.6	1.392	1.325	-.6605	15930.	-5.644	1.395

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.090	29.04	1.441	.0460	8.361	-2.005	1.606
SDev	.271	.04	.170	1.510	.253	2.547	.675
%RSD	12.95	.1410	11.82	3280.	3.021	127.0	42.02

#1	1.899	29.07	1.561	1.113	8.182	-3.806	1.129
#2	2.281	29.01	1.320	-1.021	8.539	-.2039	2.084

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		

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Low	-30.00	-10.00	-10.00	-10.00	-10.00	92368v1 -10.00	
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.257	-1.5001					
SDev	5.378	1.0918					
%RSD	165.1	218.3					
#1	-7.060	.2719					
#2	.5456	-1.272					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1129	--	--	--	--	--	--
SDev	21.60560	--	--	--	--	--	--
%RSD	1.913952	--	--	--	--	--	--
#1	1144	--	--	--	--	--	--
#2	1114	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-E-6-B@2 Operator:

Run Time: 11/10/11 11:36:47

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	698.8	-3.708	1.318	677.3	.2029	-.6252	52620.
SDev	26.5	.322	.322	2.1	.0170	.0759	386.
%RSD	3.792	8.676	24.44	.3104	8.381	12.14	.7342

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#1	680.1	-3.481	1.546	675.8	.1908	-.5716	52350.
#2	717.6	-3.936	1.090	678.8	.2149	-.6789	52890.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.092	1.047	2.752	39630.	65900.	1551.	1.688
SDev	.113	.435	.175	256.	259.	10.	.099
%RSD	10.31	41.55	6.352	.6462	.3935	.6663	5.853

#1	1.013	.7390	2.629	39450.	65710.	1544.	1.758
#2	1.172	1.354	2.876	39810.	66080.	1559.	1.618

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1080.	1.059	1.289	-.5849	119900.	-3.097	3.609
SDev	16.	.442	.013	2.0316	251.	1.846	.314
%RSD	1.512	41.78	1.032	347.3	.2097	59.60	8.687

#1	1069.	.7459	1.279	-2.021	119700.	-4.403	3.388
#2	1092.	1.371	1.298	.8517	120100.	-1.792	3.831

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	16.24	3.172	-.3219	.0439	13.66	2.151	.8542
SDev	.18	.342	1.6030	1.790	.34	2.273	1.115
%RSD	1.138	10.80	498.0	4082.	2.454	105.7	130.5

#1	16.11	3.414	-1.455	1.310	13.42	.5438	1.643

	#2	16.37	2.930	.8116	-1.222	92368v1 13.89	3.759	.0658
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	2000.	2000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	7.009	-4.385						
SDev	.102	3.097						
%RSD	1.462	70.62						
#1	7.081	-6.575						
#2	6.936	-2.195						
Errors	NOCHECK	NOCHECK						
High								
Low								

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Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y						
Wavlen	371.030						
Avge	1138						
SDev	6.045711						
%RSD	.5312132						
#1	1142						
#2	1134						

Method: SW846 Sample Name: 460-33104-E-7-B@2 Operator:

Run Time: 11/10/11 11:42:55

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	783.4	-3.206	.7780	623.7	.1754	-.5879	54480.
SDev	18.9	.858	.4477	2.5	.0027	.0817	371.
%RSD	2.412	26.76	57.55	.3951	1.547	13.90	.6803
#1	770.0	-3.813	.4614	621.9	.1773	-.6457	54220.
#2	796.7	-2.599	1.095	625.4	.1734	-.5301	54750.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6621	.8012	2.931	40860.	69350.	1575.	1.548
SDev	.4658	.4435	.152	235.	353.	10.	.510
%RSD	70.35	55.36	5.175	.5741	.5096	.6155	32.93

#1 .3328 .4876 2.824 40690. 69100. 1568. 1.909 ••Analysis Report

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#2	.9915	1.115	3.038	41030.	69600.	1582.	1.188
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1097.	.7566	.2743	-1.436	124100.	-2.517	3.670
SDev	5.	.2896	.2800	.899	567.	.793	.444
%RSD	.4558	38.27	102.1	62.61	.4567	31.48	12.10
#1	1093.	.5519	.0763	-.8002	123700.	-3.078	3.356
#2	1100.	.9614	.4723	-2.072	124500.	-1.957	3.984
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

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Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.20	3.050	- .7114	.4492	15.82	- .7991	.8062
SDev	.37	.963	.6297	1.444	.14	.6327	.1039
%RSD	2.011	31.58	88.51	321.5	.8893	79.17	12.89

#1	17.94	3.731	-1.157	- .5720	15.72	-1.247	.7327
#2	18.46	2.368	- .2662	1.470	15.92	- .3518	.8796

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.767	-3.045
SDev	.702	.998
%RSD	39.73	32.77

#1	2.263	-2.339
#2	1.271	-3.750

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1114	--	--	--	--	--	--
SDev	2.354634	--	--	--	--	--	--
%RSD	.2113894	--	--	--	--	--	--

#1	1116	--	--	--	--	--	--
#2	1112	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33104-E-8-B Operator:

Run Time: 11/10/11 11:49:04

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	714.3	-4.300	- .2502	131.4	.4608	.2650	57220.
SDev	.8	1.655	.4267	.1	.0096	.1785	201.
%RSD	.1122	38.49	170.6	.0433	2.082	67.37	.3518

#1	713.7	-3.130	- .5519	131.4	.4540	.3913	57080.
#2	714.9	-5.471	.0516	131.3	.4676	.1388	57360.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.090	29.83	2.958	1359.	33650.	1314.	28.30
SDev	.175	.02	.148	4.	34.	3.	.70
%RSD	16.07	.0575	5.019	.2794	.1010	.2457	2.473

#1	.9662	29.84	2.853	1356.	33620.	1312.	27.80
#2	1.214	29.82	3.063	1361.	33670.	1316.	28.79

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4836.	.6957	1.329	-1.746	66090.	-4.384	3.851
SDev	29.	.0499	.587	1.133	64.	2.444	.146
%RSD	.6019	7.177	44.21	64.88	.0967	55.74	3.795

#1	4816.	.6604	.9135	-2.548	66130.	-2.656	3.747
#2	4857.	.7310	1.744	-.9452	66040.	-6.112	3.954

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45.62	62.45	- .1349	.0782	12.47	-1.243	2.609
SDev	.73	1.43	.5332	1.357	.00	1.916	.076
%RSD	1.600	2.284	395.3	1735.	.0107	154.1	2.914

#1	45.10	61.44	.2421	- .8815	12.46	-2.599	2.663

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#2	46.13	63.45	-.5119	1.038	92368v1 12.47	.1117	2.556
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.307	-3.280					
SDev	5.908	1.251					
%RSD	451.9	38.13					
#1	-2.870	-2.396					
#2	5.485	-4.165					
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1160	--	--	--	--	--	--
SDev	2.736500	--	--	--	--	--	--
%RSD	.2358574	--	--	--	--	--	--

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#1	1162	--	--	--	--	--	--
#2	1158	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 11:55:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126200.	992.2	4970.	9900.	991.0	2543.	125100.
SDev	217.	2.6	13.	12.	2.8	5.	424.
%RSD	.1721	.2605	.2670	.1179	.2842	.1782	.3395
#1	126100.	994.0	4979.	9891.	993.0	2546.	125400.
#2	126400.	990.4	4961.	9908.	989.0	2540.	124800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5034.	2493.	12710.	99230.	126700.	5053.	2533.
SDev	11.	7.	17.	252.	48.	11.	1.
%RSD	.2153	.2925	.1366	.2536	.0379	.2144	.0544
#1	5042.	2498.	12690.	99410.	126700.	5061.	2532.
#2	5027.	2488.	12720.	99050.	126800.	5046.	2534.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48030.	1250.	10200.	5012.	121900.	5057.	2543.

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SDev	126.	.	13.	6.	222.	11.	5.
%RSD	.2632	.0133	.1315	.1289	.1822	.2101	.1855
#1	47950.	1250.	10210.	5016.	121700.	5050.	2547.
#2	48120.	1250.	10190.	5007.	122000.	5065.	2540.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2526.	1026.	2519.	993.4	10070.	10170.	10210.
SDev	10.	2.	.	1.0	8.	29.	5.
%RSD	.4010	.1831	.0040	.0987	.0829	.2880	.0537

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#1	2533.	1025.	2518.	992.8	10070.	10190.	10210.
#2	2518.	1027.	2519.	994.1	10060.	10150.	10210.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5052.	4992.					
SDev	1.	9.					
%RSD	.0106	.1887					
#1	5052.	4998.					
#2	5052.	4985.					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1105	--	--	--	--	--	--
SDev	3.054663	--	--	--	--	--	--
%RSD	.2763901	--	--	--	--	--	--
#1	1103	--	--	--	--	--	--
#2	1107	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/10/11 12:01:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.845	-1.534	1.444	-.0428	.2441	-.1211	-10.16
SDev	15.049	.105	.994	.0743	.0339	.1979	.99
%RSD	170.1	6.876	68.83	173.4	13.88	163.4	9.725
#1	1.796	-1.460	2.147	-.0953	.2201	.0188	-10.86
#2	-19.49	-1.609	.7411	.0097	.2680	-.2610	-9.463
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2918	.1245	1.581	-1.631	2.008	-.0172	-.5007
SDev	.1723	.1744	.114	7.460	.348	.0423	.2765
%RSD	59.06	140.1	7.228	457.5	17.33	246.5	55.23
#1	.1700	.0011	1.500	-6.905	1.762	-.0471	-.6962
#2	.4137	.2478	1.661	3.644	2.254	.0128	-.3052
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-22.39	.5348	.0343	-1.980	-91.63	-1.160	.2542
SDev	2.18	.2494	.1811	.766	56.31	2.591	.2722
%RSD	9.749	46.63	528.1	38.68	61.45	223.3	107.1
#1	-23.94	.3585	-.0938	-2.521	-131.4	.6715	.0617
#2	-20.85	.7111	.1624	-1.438	-51.81	-2.992	.4467
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	-.2015	.7290	1.106	1.784	.2445	-.7882	.4410
SDev	.0080	.2338	1.668	.673	.0253	2.6858	1.612
%RSD	3.946	32.07	150.9	37.70	10.35	340.7	365.6
#1	-.1959	.5637	2.285	1.308	.2624	1.111	-.6991
#2	-.2072	.8943	-.0739	2.259	.2266	-2.687	1.581
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.648	-4.300					
SDev	.527	.885					
%RSD	19.89	20.59					
#1	2.276	-4.926					
#2	3.020	-3.674					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	2.545567	--	--	--	--	--	--
%RSD	.2218098	--	--	--	--	--	--
#1	1146	--	--	--	--	--	--
#2	1149	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-32989-D-4-A Operator:
Run Time: 11/10/11 12:07:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.898	-3.131	2.570	141.9	.2713	.1133	48730.
SDev	23.66	1.987	1.359	.5	.0027	.1356	74.
%RSD	239.1	63.46	52.88	.3461	.9993	119.7	.1519
#1	-6.836	-1.726	3.531	141.6	.2694	.0174	48780.
#2	26.63	-4.536	1.609	142.2	.2732	.2091	48680.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.048	.1324	27.98	41.73	6884.	6.730	.1555
SDev	.102	.1647	.15	5.34	17.	.188	.7153
%RSD	9.763	124.4	.5464	12.79	.2429	2.797	460.1
#1	-1.121	.0159	28.09	45.50	6872.	6.863	-.3503
#2	-.9759	.2488	27.87	37.96	6896.	6.597	.6613
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1185.	.9921	-.6196	-1.513	9206.	-1.928	.3277
SDev	3.	.0663	.0400	1.392	37.	.936	.0048
%RSD	.2689	6.679	6.452	92.00	.4061	48.57	1.453
#1	1188.	1.039	-.6479	-.5288	9233.	-2.590	.3243
#2	1183.	.9452	-.5914	-2.498	9180.	-1.266	.3310
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

92368v1							
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.26	32.50	- .9501	1.003	.3341	-5.562	1.844
SDev	1.03	1.80	.5390	.925	.0270	2.736	1.306
%RSD	3.515	5.550	56.74	92.23	8.082	49.20	70.84
#1	29.98	31.23	-1.331	1.658	.3532	-7.496	2.767
#2	28.53	33.78	-.5689	.3490	.3150	-3.627	.9203
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	••Analysis Report			11/10/11 12:13:34 PM	
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Units	ppb	ppb
Avge	5.375	-4.961
SDev	1.476	1.350
%RSD	27.47	27.22
#1	6.419	-4.006
#2	4.331	-5.916
Errors	NOCHECK	NOCHECK
High		
Low		
IntStd	1	2
Mode	Counts	NOTUSED
Elem	Y	--
Wavlen	371.030	--
Avge	1184	--
SDev	3.500144	--
%RSD	.2955092	--
#1	1187	--
#2	1182	--

Method: SW846 Sample Name: 460-32989-D-5-A Operator:

Run Time: 11/10/11 12:13:37

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-28.08	-3.239	.9736	19.82	.2232	.0602	50200.
SDev	15.13	1.616	1.397	.00	.0072	.0429	117.
%RSD	53.87	49.89	143.4	.0218	3.244	71.33	.2335
#1	-38.77	-4.381	1.961	19.82	.2181	.0298	50280.
#2	-17.38	-2.096	-.0139	19.81	.2283	.0906	50110.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9443	.4362	49.55	96.96	6947.	2.240	-.0380
SDev	.2754	.5941	.40	1.15	2.	.001	.2436
%RSD	29.17	136.2	.7981	1.182	.0279	.0256	641.2
#1	-1.139	.0161	49.83	96.15	6949.	2.241	-.2102
#2	-.7495	.8563	49.27	97.77	6946.	2.240	.1343
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	941.3	.5751	1.982	-3.801	8787.	.5029	.3820

92368v1							
SDev	9.3	.0344	.564	.024	60.	.3590	.0763
%RSD	.9835	5.986	28.46	.6350	.6814	71.38	19.97
#1	947.8	.5994	1.583	-3.784	8830.	.2491	.3280
#2	934.7	.5507	2.381	-3.818	8745.	.7568	.4359
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	44.05	26.76	-.7829	2.345	.0511	-2.200	4.066
SDev	.01	1.40	1.0564	.911	.0520	2.087	.196
%RSD	.0235	5.218	134.9	38.85	101.7	94.84	4.825
#1	44.06	27.75	-1.530	2.989	.0879	-3.676	4.205
#2	44.04	25.77	-.0359	1.701	.0144	-.7247	3.927
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4.791	-8.099					
SDev	3.851	1.959					
%RSD	80.39	24.18					
#1	2.068	-6.714					
#2	7.514	-9.484					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1167	--	--	--	--	--	--
SDev	.2545481	--	--	--	--	--	--
%RSD	.0218192	--	--	--	--	--	--
#1	1166	--	--	--	--	--	--
#2	1167	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33318-A-5-B@10 Operator:

Run Time: 11/10/11 12:19:44

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	12780.	59.50	36.06	717.5	.8759	7.539	9103.
SDev	60.	.63	.38	.5	.0071	.202	5.
%RSD	.4700	1.060	1.060	.0732	.8056	2.676	.0535
#1	12740.	59.05	36.33	717.2	.8709	7.396	9106.
#2	12820.	59.95	35.79	717.9	.8809	7.682	9099.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.85	17.48	237.5	68990.	5459.	1075.	35.75
SDev	.50	.70	.2	39.	4.	.	.11
%RSD	1.139	4.014	.0926	.0571	.0677	.0133	.2945
#1	44.20	17.97	237.3	68960.	5456.	1075.	35.67
#2	43.49	16.98	237.6	69020.	5461.	1075.	35.82

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	92368v1						
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	643.9	2.608	1295.	-.9194	26.94	-1.696	53.96
SDev	1.9	.101	3.	1.2402	78.18	1.516	.28
%RSD	.2959	3.881	.2620	134.9	290.2	89.40	.5136
#1	645.3	2.680	1293.	-.0425	82.22	-.6238	54.15
#2	642.6	2.536	1298.	-1.796	-28.34	-2.768	53.76
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2558.	15.63	6.086	118.0	464.7	1293.	1296.
SDev	6.	.13	.457	1.3	.3	6.	2.
%RSD	.2169	.8363	7.514	1.126	.0652	.4778	.1545
#1	2554.	15.72	5.763	119.0	464.5	1289.	1295.
#2	2562.	15.54	6.410	117.1	464.9	1298.	1298.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.856	-2.813					
SDev	2.634	.544					
%RSD	92.23	19.34					
#1	4.719	-2.429					
#2	.9935	-3.198					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1165	--	--	--	--	--	--
SDev	1.400144	--	--	--	--	--	--
%RSD	.1202114	--	--	--	--	--	--
#1	1164	--	--	--	--	--	--
#2	1166	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33378-F-1-A Operator:

Run Time: 11/10/11 12:25:52

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.815	-2.388	.3328	67.03	.2309	-.2556	51750.
SDev	32.26	.734	.7848	.31	.0366	.0553	45.
%RSD	1146.	30.73	235.8	.4647	15.84	21.63	.0865
#1	-20.00	-2.907	-.2221	66.81	.2051	-.2165	51710.
#2	25.63	-1.869	.8877	67.25	.2568	-.2947	51780.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4348	-.1395	4.626	311.2	13830.	280.6	4.908
SDev	.3187	.3528	.167	8.6	43.	.4	.562
%RSD	73.29	252.9	3.611	2.765	.3116	.1356	11.46

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#1	-.6601	.1100	4.508	305.1	13800.	280.3	4.510
#2	-.2095	-.3889	4.744	317.2	13860.	280.8	5.305
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10420.	.5848	-.1236	-2.041	14960.	1.202	1.758
SDev	.67.	.1924	1.2108	.690	12.	1.062	.015
%RSD	.6449	32.89	979.5	33.80	.0801	88.34	.8577
#1	10370.	.4488	.7326	-1.553	14950.	1.953	1.747
#2	10470.	.7208	-.9798	-2.529	14970.	.4511	1.769

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.93	155.9	-.1034	-.0158	-.1580	-1.136	.3778
SDev	.14	1.2	1.4450	.0523	.1037	.987	1.322
%RSD	.3899	.7720	1398.	331.1	65.61	86.94	350.1
#1	36.83	155.0	-1.125	-.0528	-.2313	-.4376	1.313
#2	37.04	156.7	.9184	.0212	-.0847	-1.834	-.5573
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.440	-1.351					
SDev	2.271	2.168					
%RSD	66.02	160.4					
#1	-5.046	.1818					
#2	-1.834	-2.884					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1136	--	--	--	--	--	--
SDev	4.009327	--	--	--	--	--	--
%RSD	.3530098	--	--	--	--	--	--
#1	1139	--	--	--	--	--	--
#2	1133	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33420-G-1-B Operator:
Run Time: 11/10/11 12:31:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	382.3	-4.919	1.785	12.90	.2597	.0573	8775.
SDev	30.9	1.361	.880	.40	.0066	.1150	206.
%RSD	8.075	27.66	49.28	3.081	2.521	200.7	2.346
#1	360.5	-3.956	2.408	12.62	.2643	-.0240	8629.
#2	404.2	-5.881	1.163	13.18	.2551	.1386	8920.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

	Cr2677	Co2286	Cu3247	Fe2714	92368v1 Mg3832	Mn2576	Ni2316
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0283	.5649	4.507	947.6	909.8	123.9	.8329
SDev	.8598	.2411	.252	21.2	21.2	3.1	.1760
%RSD	3043.	42.68	5.601	2.234	2.331	2.465	21.13
#1	-.5797	.3944	4.328	932.6	894.8	121.7	.7085
#2	.6362	.7353	4.685	962.5	924.8	126.1	.9574
Errors High	LC Pass 10000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Avge	9546.	.8402	-.9829	-1.625	H276500.	2.398	.5794
SDev	.228.	.2543	.5179	2.515	5679.	3.162	.0823
%RSD	2.383	30.26	52.70	154.7	2.054	131.8	14.20
#1	9386.	.6604	-.6167	.1529	H272500.	4.634	.5212
#2	9707.	1.020	-1.349	-3.403	H280600.	.1624	.6376
Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC High 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Avge	6.570	74.98	5.789	-.8308	.3137	-7.513	2.273
SDev	.488	.10	.295	.9018	.0636	4.426	2.987
%RSD	7.435	.1341	5.089	108.5	20.27	58.92	131.4
#1	6.224	74.90	5.997	-.1932	.3587	-10.64	4.385
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#2	6.915	75.05	5.580	-1.468	.2687	-4.383	.1614
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1	1960/2					
Avge	2.495	-3.691					
SDev	1.042	4.291					
%RSD	41.77	116.2					
#1	1.758	-.6573					
#2	3.232	-6.725					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1181	--	--	--	--	--	--
SDev	29.81519	--	--	--	--	--	--
%RSD	2.524085	--	--	--	--	--	--
#1	1202	--	--	--	--	--	--
#2	1160	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33421-D-2-B Operator:

Run Time: 11/10/11 12:38:06

Comment:

Mode: CONC Corr. Factor: 1

	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-20.39	-2.434	1.415	.0097	.2519	.0942	4.351
SDev	9.16	.425	.600	.0000	.0069	.1165	.822
%RSD	44.92	17.47	42.39	.0000	2.755	123.6	18.90

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#1	-26.86	-2.735	.9906	.0097	.2568	.1766	4.933
#2	-13.91	-2.133	1.839	.0097	.2470	.0119	3.769
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0768	.4445	2.713	4.268	5.873	-.0879	-.0022
SDev	.2344	.2494	1.482	11.50	.614	.0433	.1742
%RSD	305.4	56.10	54.60	269.5	10.46	49.28	7923.
#1	-.0890	.6208	1.666	-3.864	5.439	-.0573	-.1254
#2	.2425	.2682	3.761	12.40	6.308	-.1185	.1210
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-41.55	.9672	-1.056	-2.311	-249.7	.0925	.4796
SDev	5.70	.2241	1.754	1.138	45.7	.6287	.3415
%RSD	13.71	23.17	166.1	49.24	18.30	679.8	71.21
#1	-37.52	.8087	.1841	-3.116	-217.4	-.3521	.2381
#2	-45.58	1.126	-2.296	-1.507	-282.1	.5371	.7211
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.291	.8483	-.2420	-1.214	.8960	-5.095	.9569
SDev	.020	.1717	.0279	.344	.1023	1.100	2.080
%RSD	1.580	20.24	11.52	28.31	11.42	21.59	217.4
#1	1.306	.7269	-.2223	-.9710	.8237	-4.317	2.428
#2	1.277	.9697	-.2617	-1.457	.9684	-5.874	-.5139
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.907	-4.426					
SDev	.529	1.970					
%RSD	27.75	44.52					
#1	2.281	-5.819	••Analysis Report				11/10/11 12:44:10 PM
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#2	1.533	-3.033					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1182	--	--	--	--	--	--
SDev	4.741120	--	--	--	--	--	--
%RSD	.4012653	--	--	--	--	--	--
#1	1178	--	--	--	--	--	--
#2	1185	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32950-A-2-A Operator:
Run Time: 11/10/11 12:44:13
Comment:
Mode: CONC Corr. Factor: 1

	92368v1						
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	399.0	-3.450	1.777	98.08	.2357	.0441	45590.
SDev	26.4	1.057	.716	.24	.0140	.0906	233.
%RSD	6.621	30.65	40.28	.2492	5.943	205.4	.5107
#1	380.4	-4.198	2.283	97.90	.2456	.1082	45760.
#2	417.7	-2.702	1.271	98.25	.2258	-.0200	45430.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3741	5.930	4.008	453.4	16960.	2953.	12.83
		11/10/11 12:50:17 PM		page 45			••Analysis Report

SDev	.4169	.264	.145	16.4	6.	9.	.58
%RSD	111.4	4.455	3.607	3.608	.0356	.3139	4.522
#1	.0793	5.744	3.906	464.9	16950.	2960.	12.42
#2	.6689	6.117	4.110	441.8	16960.	2947.	13.24
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	11410.	1.023	-.2347	1.082	47640.	-.5743	.9431
SDev	28.	.055	1.3170	.248	28.	.2110	.2744
%RSD	.2426	5.337	561.1	22.92	.0596	36.75	29.09
#1	11390.	1.062	.6966	.9067	47620.	-.7235	1.137
#2	11430.	.9845	-1.166	1.258	47660.	-.4251	.7491
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5.519	72.96	5.467	-.5115	10.32	-5.517	2.399
SDev	.365	.06	.380	2.6287	.32	.219	2.084
%RSD	6.616	.0760	6.954	513.9	3.124	3.969	86.88
#1	5.777	72.99	5.198	1.347	10.54	-5.672	3.872
#2	5.261	72.92	5.736	-2.370	10.09	-5.362	.9250
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avg	9.512	-3.135					
SDev	2.872	1.062					
%RSD	30.19	33.87					
#1	7.481	-2.384					
#2	11.54	-3.886					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1165	--	--	--	--	--	--
SDev	2.036471	--	--	--	--	--	--
%RSD	.1747766	--	--	--	--	--	--
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#1	1167	--	--	--	--	--	--
#2	1164	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32956-D-2-B Operator:

Run Time: 11/10/11 12:50:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-10.70	-2.534	.3607	-.0918	.2578	.0546	-6.177
SDev	25.38	1.105	.0996	.0008	.0232	.0188	.651
%RSD	237.2	43.63	27.61	.8778	8.987	34.45	10.54

#1	-28.65	-3.316	.2903	-.0923	.2414	.0679	-5.716
#2	7.246	-1.752	.4311	-.0912	.2742	.0413	-6.637

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1438	.5057	2.413	5.574	1.411	.0888	-.2325
SDev	.6685	.1707	1.069	4.839	5.937	.1293	.1541
%RSD	464.9	33.76	44.28	86.81	420.8	145.7	66.26

#1	-.3289	.3850	1.658	2.153	5.609	.1802	-.1236
#2	.6165	.6265	3.169	8.996	-2.787	-.0027	-.3415

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-56.75	.5416	-1.346	-1.931	-275.2	-.3403	.2752

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SDev	8.00	.0258	2.065	1.780	100.2	2.5231	.0642
%RSD	14.10	4.764	153.5	92.17	36.42	741.5	23.34

#1	-51.09	.5598	-2.806	-3.190	-204.3	1.444	.2298
#2	-62.41	.5233	.1149	-.6726	-346.1	-2.124	.3207

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.112	1.087	-1.685	.1032	.2442	-5.350	.6498
SDev	.186	.509	.241	.2332	.0471	.114	3.040
%RSD	16.74	46.81	14.28	225.9	19.27	2.130	467.8

#1	.9801	.7270	-1.515	.2682	.2775	-5.431	-1.500
#2	1.243	1.446	-1.856	-.0617	.2109	-5.269	2.799

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.639	-6.219
SDev	.296	2.817
%RSD	4.454	45.29

#1	6.848	-8.211
#2	6.430	-4.227

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7

Mode	Counts	NOTUSED	NOTUSED	NOTUSED	92368v1 NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1186	--	--	--	--	--	--
SDev	9.418711	--	--	--	--	--	--
%RSD	.7940539	--	--	--	--	--	--
#1	1179	--	--	--	--	--	--
#2	1193	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32956-H-3-B Operator:

Run Time: 11/10/11 12:56:28

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	167.2	-3.748	4.479	62.07	.2636	.3792	7290.
SDev	13.6	1.605	.182	.01	.0013	.2024	12.
%RSD	8.108	42.82	4.067	.0111	.4854	53.37	.1580
#1	157.6	-4.882	4.607	62.08	.2645	.5223	7298.
#2	176.8	-2.613	4.350	62.07	.2627	.2361	7282.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5953	2.811	5.930	954.3	H274000.	987.1	3.669
SDev	.1349	.087	.139	2.2	239.	2.2	.293
%RSD	22.66	3.090	2.349	.2309	.0873	.2276	7.986
#1	.6907	2.749	5.832	952.7	H274200.	988.7	3.462
#2	.4999	2.872	6.029	955.8	H273900.	985.5	3.876

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5268.	.8108	-.8212	5.742	30900.	-1.619	2.478
SDev	8.	.3807	.0520	2.189	103.	1.422	.140
%RSD	.1485	46.95	6.335	38.13	.3330	87.87	5.658
#1	5273.	1.080	-.8580	7.290	30970.	-2.625	2.379
#2	5262.	.5416	-.7844	4.194	30830.	-.6130	2.577

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	14.10	384.2	18.91	.8241	5.275	-4.871	1.197
SDev	.28	.5	.21	.9068	.228	.626	.234
%RSD	2.018	.1348	1.114	110.0	4.329	12.85	19.59
#1	14.30	384.5	19.06	.1829	5.437	-5.313	1.362
#2	13.90	383.8	18.77	1.465	5.114	-4.428	1.031

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	15.00	1.112
SDev	.05	3.256
%RSD	.3562	292.7

#1	15.04	3.414
#2	14.96	-1.190

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Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1172	--	--	--	--	--	--
SDev	1.240976	--	--	--	--	--	--
%RSD	.1058688	--	--	--	--	--	--
#1	1173	--	--	--	--	--	--
#2	1171	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-32985-B-1-B Operator:
 Run Time: 11/10/11 13:02:36
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	183.9	-3.020	1.851	37.83	.2637	.0185	96550.
SDev	27.5	.527	.198	.18	.0034	.0604	45.
%RSD	14.97	17.44	10.72	.4780	1.291	327.3	.0466

#1	164.4	-2.647	1.710	37.70	.2661	.0612	96520.
#2	203.4	-3.392	1.991	37.96	.2613	-.0243	96580.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.962	.1269	113.3	163.0	13670.	13.04	15.40
SDev	.429	.6756	.6	.8	45.	.04	.02
%RSD	8.637	532.3	.5246	.5190	.3291	.2941	.0995

#1	4.659	-.3508	112.9	163.6	13640.	13.02	15.39
#2	5.265	.6047	113.8	162.4	13700.	13.07	15.41

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7717.	.8126	.3582	-.6750	44020.	.7607	2.241
SDev	1.	.0817	.7563	2.8158	290.	2.671	.133
%RSD	.0091	10.06	211.2	417.2	.6595	351.1	5.934

#1	7718.	.7548	.8930	-2.666	43820.	2.649	2.335
#2	7717.	.8704	-.1766	1.316	44230.	-1.128	2.147

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41.46	321.4	6.464	.4159	4.899	-5.112	3.085
SDev	.48	1.4	.099	1.321	.456	.700	.785
%RSD	1.155	.4460	1.527	317.5	9.305	13.68	25.43

#1	41.80	320.4	6.534	-.5179	5.221	-4.617	3.640
#2	41.13	322.4	6.394	1.350	4.576	-5.607	2.530

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem 1960/1 1960/2 ••Analysis Report

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Units	ppb	ppb
Avge	5.045	-3.540

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SDev 1.969 3.238
%RSD 39.03 91.49

#1 3.653 -5.830
#2 6.437 -1.250

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1169	--	--	--	--	--	--
SDev	3.341062	--	--	--	--	--	--
%RSD	.2857092	--	--	--	--	--	--
#1	1172	--	--	--	--	--	--
#2	1167	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:

Run Time: 11/10/11 13:08:43

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124500.	984.7	4925.	9738.	979.3	2536.	123400.
SDev	949.	6.0	23.	75.	7.8	13.	1069.
%RSD	.7620	.6137	.4680	.7685	.7960	.5073	.8658

#1	125200.	989.0	4941.	9791.	984.8	2545.	124200.
#2	123900.	980.5	4909.	9686.	973.8	2527.	122700.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4977.	2467.	12560.	97740.	125400.	5015.	2519.
SDev	42.	21.	92.	915.	947.	40.	12.
%RSD	.8401	.8412	.7337	.9362	.7554	.7935	.4628

#1	5007.	2482.	12620.	98380.	126000.	5043.	2528.
#2	4948.	2452.	12490.	97090.	124700.	4987.	2511.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46980.	1233.	10130.	4974.	120000.	5020.	2505.
SDev	13.	10.	27.	7.	916.	9.	20.
%RSD	.0282	.7750	.2623	.1357	.7629	.1710	.8019

#1	46990.	1240.	10150.	4978.	120700.	5026.	2519.
#2	46970.	1226.	10110.	4969.	119400.	5014.	2491.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2502.	1023.	2500.	977.3	9909.	10130.	10140.
SDev	19.	3.	6.	10.8	75.	28.	26.
%RSD	.7397	.2558	.2307	1.109	.7582	.2751	.2559

#1	2515.	1025.	2504.	984.9	9963.	10150.	10150.
#2	2489.	1021.	2496.	969.6	9856.	10110.	10120.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

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Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5024.	4948.
SDev	22.	1.
%RSD	.4472	.0222

#1	5040.	4948.
#2	5008.	4949.

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1130	--	--	--	--	--	--
SDev	7.668552	--	--	--	--	--	--
%RSD	.6787846	--	--	--	--	--	--
#1	1124	--	--	--	--	--	--
#2	1135	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
 Run Time: 11/10/11 13:14:51
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-24.38	-3.601	1.845	.1665	.2525	.0094	-7.270
SDev	24.70	.259	1.278	.2218	.0388	.3047	4.133
%RSD	101.3	7.194	69.31	133.2	15.35	3238.	56.85

#1	-41.84	-3.784	.9406	.0097	.2251	-.2060	-10.19
#2	-6.915	-3.417	2.749	.3233	.2799	.2248	-4.347

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3879	.2487	1.835	-7.280	10.96	.0730	-.4774
SDev	.1741	.5157	.515	4.294	1.92	.1721	.0501
%RSD	44.87	207.4	28.06	58.99	17.49	235.8	10.49

#1	.5110	-.1160	1.471	-10.32	9.607	-.0487	-.5128
#2	.2648	.6133	2.200	-4.244	12.32	.1947	-.4420

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-29.02	.1122	-.5957	-2.964	-31.01	.7998	.1049
SDev	1.63	.1924	1.1481	2.067	56.63	.8845	.0593
%RSD	5.608	171.5	192.7	69.73	182.6	110.6	56.52

#1	-30.17	-.0239	.2161	-1.503	-71.05	1.425	.0630
#2	-27.87	.2483	-1.407	-4.426	9.030	.1743	.1468

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1709	.8948	1.256	-.0176	.1899	.3466	-1.070
SDev	.3882	.3494	1.749	.6429	.3170	.8729	1.285
%RSD	227.2	39.05	139.3	3654.	166.9	251.8	120.1

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#1	.4454	.6478	2.493	.4370	-.0342	.9639	-.1611
#2	-.1036	1.142	.0193	-.4722	.4140	-.2706	-1.979

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.987	-2.962
SDev	4.662	.771
%RSD	156.1	26.04

#1	.3098	-2.417
#2	-6.284	-3.508

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1151	--	--	--	--	--	--
SDev	.5090961	--	--	--	--	--	--
%RSD	.0442356	--	--	--	--	--	--

#1	1151	--	--	--	--	--	--
#2	1151	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-92368/1-A Operator:

Run Time: 11/10/11 13:24:40

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-25.98	-2.859	-.1406	.0097	.3123	.2281	-7.585
SDev	1.87	2.497	1.5511	.1432	.0094	.0330	3.158
%RSD	7.198	87.34	1104.	1477.	3.006	14.47	41.64

#1	-27.31	-1.093	.9563	.1110	.3189	.2048	-5.352
#2	-24.66	-4.624	-1.237	-.0916	.3056	.2514	-9.818

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0924	.6245	2.759	2.627	1.649	-.0307	.7162
SDev	.1346	.1666	1.379	8.967	7.210	.0419	.3584
%RSD	145.6	26.68	49.97	341.3	437.2	136.8	50.04

#1	-.1876	.5067	1.784	-3.714	-3.449	-.0010	.9696
#2	.0027	.7423	3.734	8.968	6.747	-.0603	.4628

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-45.15	.8941	-.9525	-.8393	-257.7	3.070	.4650
SDev	2.03	.7323	.2876	3.6728	105.6	.149	.4894
%RSD	4.489	81.91	30.19	437.6	40.99	4.846	105.2

#1	-43.71	.3762	-.7491	-3.436	-332.3	3.175	.1189
#2	-46.58	1.412	-1.156	1.758	-183.0	2.965	.8111

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

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Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.316	1.168	-2.250	-.6054	.4980	-3.495	.3130
SDev	.074	.626	1.671	.0538	.0512	1.807	.4709
%RSD	5.609	53.57	74.26	8.886	10.27	51.70	150.5
#1	1.264	.7254	-3.432	-.5674	.4618	-2.217	-.0200
#2	1.368	1.610	-1.069	-.6435	.5342	-4.772	.6460
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	7.105	-4.814					
SDev	1.332	4.841					
%RSD	18.75	100.6					
#1	6.163	-8.238					
#2	8.047	-1.391					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1188	--	--	--	--	--	--
SDev	.2545481	--	--	--	--	--	--
%RSD	.0214242	--	--	--	--	--	--
#1	1188	--	--	--	--	--	--
#2	1188	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-92368/2-A Operator:

Run Time: 11/10/11 13:30:47

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1951.	487.4	2010.	1954.	48.12	52.27	20080.
SDev	22.	2.3	.	5.	.04	.09	4.
%RSD	1.148	.4750	.0203	.2378	.0928	.1810	.0224
#1	1935.	485.8	2011.	1951.	48.16	52.33	20080.
#2	1967.	489.0	2010.	1957.	48.09	52.20	20080.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2302.	575.5	2302.	2302.	57.55	57.55	23020.
Low	1698.	424.5	1698.	1698.	42.45	42.45	16980.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	201.1	489.8	248.4	997.7	19360.	517.1	506.6
SDev	.4	.1	1.7	8.2	55.	.5	.4
%RSD	.2083	.0155	.6671	.8200	.2817	.0981	.0852
#1	200.8	489.8	247.2	1004.	19320.	516.7	506.3
#2	201.4	489.7	249.6	991.9	19400.	517.4	506.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	230.2	575.5	287.5	1151.	23020.	575.5	575.5
Low	169.8	424.5	212.3	849.0	16980.	424.5	424.5
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19970.	50.02	514.0	2097.	18390.	2023.	497.1
SDev	118.	.24	.5	3.	40.	14.	.8
%RSD	.5905	.4889	.0928	.1329	.2185	.6814	.1559
#1	19880.	50.19	514.3	2095.	18360.	2013.	496.6
#2	20050.	49.84	513.7	2099.	18420.	2032.	497.7

	LC Pass	LC Pass	LC Pass	LC Pass	92368v1 LC Pass	LC Pass	LC Pass
Errors High	23020.	57.55	575.5	2302.	23020.	2302.	575.5
Low	16980.	42.45	424.5	1698.	16980.	1698.	424.5
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	512.5	509.1	494.0	487.1	502.3	506.9	517.5
SDev	.3	5.0	1.2	.2	1.0	2.0	1.7
%RSD	.0618	.9874	.2356	.0401	.2002	.3981	.3328
#1	512.3	505.5	493.2	487.0	501.5	505.5	518.8
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#2	512.7	512.6	494.8	487.3	503.0	508.3	516.3
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Low	575.5	575.5	575.5	575.5	575.5		
	424.5	424.5	424.5	424.5	424.5		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	2117.	2087.					
SDev	1.	3.					
%RSD	.0664	.1665					
#1	2116.	2084.					
#2	2118.	2089.					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1191	--	--	--	--	--	--
SDev	3.659312	--	--	--	--	--	--
%RSD	.3073535	--	--	--	--	--	--
#1	1193	--	--	--	--	--	--
#2	1188	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32945-P-3-B DU Operator:
Run Time: 11/10/11 13:36:55
Comment:
Mode: CONC Corr. Factor: 1

	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	-31.15	-4.734	5.145	40.71	.2695	-.4683	37460.
SDev	16.25	.110	.478	.07	.0139	.0966	223.
%RSD	52.16	2.317	9.290	.1838	5.159	20.63	.5956
#1	-42.63	-4.656	4.807	40.66	.2794	-.5366	37620.
#2	-19.66	-4.811	5.483	40.76	.2597	-.4000	37310.
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	250000.	2000.	10000.	20000.	2000.	5000.	250000.
	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	.0270	1.330	2.391	38630.	10660.	388.7	6.562
SDev	.0634	.001	.015	145.	27.	1.1	.299
%RSD	235.0	.0686	.6064	.3753	.2533	.2714	4.556
#1	.0718	1.329	2.380	38730.	10640.	389.5	6.350
#2	-.0179	1.331	2.401	38520.	10680.	388.0	6.773
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	10000.	5000.	25000.	200000.	250000.	10000.	5000.
	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924

	92368v1						
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1853.	1.002	.2485	.7168	133000.	.1142	.2995
SDev	14.	.534	.1295	1.114	248.	.3821	.4726
%RSD	.7342	53.27	52.13	155.4	.1863	334.6	157.8
#1	1863.	1.380	.3400	-.0710	132800.	.3844	.6337
#2	1843.	.6248	.1569	1.505	133100.	-.1560	-.0347
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.732	102.6	-1.394	1.524	.1849	-4.821	2.776
SDev	.016	.7	.322	.028	.1301	1.604	.607
%RSD	.3317	.6574	23.12	1.843	70.38	33.28	21.86
#1	4.721	103.0	-1.622	1.504	.2769	-3.687	2.347
#2	4.743	102.1	-1.166	1.544	.0929	-5.956	3.205
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	9.379	-3.617					
SDev	.183	1.579					
%RSD	1.946	43.67					

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#2 9.508 -2.500

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1177	--	--	--	--	--	--
SDev	2.163702	--	--	--	--	--	--
%RSD	.1838569	--	--	--	--	--	--
#1	1178	--	--	--	--	--	--
#2	1175	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32945-P-3-A Operator:
Run Time: 11/10/11 13:43:02
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-33.46	-3.817	5.190	39.94	.2531	-.4883	37640.
SDev	12.13	1.597	.159	.11	.0137	.1596	32.
%RSD	36.24	41.82	3.069	.2694	5.397	32.68	.0847
#1	-42.04	-2.688	5.302	39.87	.2434	-.6012	37620.
#2	-24.89	-4.946	5.077	40.02	.2627	-.3755	37670.

Errors LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass LC Pass
High 250000. 2000. 10000. 20000. 2000. 5000. 250000.
Low -200.0 -10.00 -10.00 -20.00 -5.000 -5.000 -500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4817	1.095	2.433	38780.	10680.	390.0	6.978

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SDev	.2108	.342	.150	5.	10.	.2	.334
%RSD	43.76	31.27	6.173	.0139	.0968	.0598	4.783

	92368v1						
#1	.3326	.8525	2.327	38780.	10680.	390.1	6.742
#2	.6307	1.337	2.540	38780.	10670.	389.8	7.214
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1875.	.7518	-.0602	.4565	132800.	1.589	.1767
SDev	.	.2153	.2118	3.020	367.	.134	.2828
%RSD	.0048	28.64	351.9	661.5	.2768	8.417	160.0
#1	1875.	.9040	.0896	2.592	133000.	1.495	-.0233
#2	1875.	.5995	-.2100	-1.679	132500.	1.684	.3767
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.877	103.6	-1.480	.2674	.2490	-3.323	1.565
SDev	.024	1.8	.481	1.472	.0772	.270	.452
%RSD	.4822	1.706	32.47	550.5	31.01	8.129	28.91
#1	4.860	104.9	-1.141	-.7737	.1944	-3.514	1.885
#2	4.894	102.4	-1.820	1.309	.3036	-3.132	1.245
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	11.34	-4.988					
SDev	.91	4.980					
%RSD	7.994	99.85					
#1	10.70	-1.466					
#2	11.98	-8.509					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1157	--	--	--	--	--	--
SDev	3.118365	--	--	--	--	--	--
%RSD	.2694704	--	--	--	--	--	--

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#1	1159	--	--	--	--	--	--
#2	1155	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-32945-P-3-A@5 Operator:

Run Time: 11/10/11 13:49:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-36.77	-2.983	1.470	7.785	.2728	-.1513	7627.
SDev	17.26	1.544	1.267	.117	.0005	.1619	33.
%RSD	46.94	51.74	86.18	1.507	.1789	107.0	.4302
#1	-48.98	-4.075	2.366	7.702	.2725	-.0368	7603.
#2	-24.57	-1.892	.5744	7.868	.2731	-.2657	7650.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

	92368v1						
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1458	.3105	1.914	7815.	2070.	78.06	.8869
SDev	.2464	.0819	.429	49.	11.	.57	.7847
%RSD	169.0	26.39	22.44	.6224	.5395	.7285	88.48
#1	-.0284	.2525	1.610	7780.	2062.	77.66	.3320
#2	.3201	.3684	2.217	7849.	2078.	78.46	1.442
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	259.0	.4264	-.3832	-1.123	25570.	-.2808	.0296
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SDev	4.0	.4661	.2089	.656	113.	.0845	.0035
%RSD	1.552	109.3	54.52	58.41	.4412	30.08	11.71
#1	256.2	.0968	-.2355	-.6591	25490.	-.2210	.0320
#2	261.9	.7559	-.5309	-1.587	25650.	-.3405	.0271
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7654	20.15	-.6252	-.0520	.0238	-.4419	-.3578
SDev	.9513	.11	.5905	.9139	.0747	.0954	.2656
%RSD	124.3	.5369	94.45	1759.	313.4	21.59	74.23
#1	.0928	20.07	-.2077	-.6982	-.0290	-.3745	-.1700
#2	1.438	20.22	-1.043	.5943	.0766	-.5094	-.5456
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.539	-2.960					
SDev	.361	1.164					
%RSD	14.22	39.31					
#1	2.284	-2.137					
#2	2.795	-3.783					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1153	--	--	--	--	--	--
SDev	6.459427	--	--	--	--	--	--
%RSD	.5601562	--	--	--	--	--	--
#1	1158	--	--	--	--	--	--
#2	1149	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32945-P-3-C MS Operator:
Run Time: 11/10/11 13:55:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1987.	498.9	2038.	2013.	47.83	51.45	57370.
SDev	3.	1.6	11.	.	.16	.04	274.
%RSD	.1577	.3267	.5457	.0109	.3339	.0798	.4782
#1	1984.	497.8	2046.	2013.	47.94	51.47	57570.

92368v1							
#2	1989.	500.1	2030.	2014.	47.71	51.42	57180.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	201.0	490.4	253.9	39480.	30340.	903.8	514.1
SDev	.5	1.1	.1	160.	9.	2.7	.4
%RSD	.2720	.2253	.0505	.4060	.0287	.2973	.0807
#1	201.4	491.2	253.8	39590.	30350.	905.7	514.4
#2	200.6	489.6	254.0	39360.	30330.	901.9	513.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23210.	51.12	514.3	2094.	151800.	2026.	495.5
SDev	61.	.63	.2	4.	150.	3.	1.2
%RSD	.2625	1.239	.0342	.1820	.0990	.1646	.2517
#1	23260.	51.57	514.4	2097.	151900.	2023.	496.3
#2	23170.	50.68	514.2	2092.	151700.	2028.	494.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	508.5	617.8	492.4	492.7	503.4	507.7	517.6
SDev	1.6	1.6	.9	.4	.9	.6	.0
%RSD	.3159	.2533	.1748	.0846	.1867	.1142	.0050
#1	509.6	618.9	491.8	492.5	504.1	508.1	517.6
#2	507.3	616.7	493.0	493.0	502.7	507.3	517.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2113.	2085.					
SDev	12.	.					
%RSD	.5856	.0222					
#1	2122.	2085.					
#2	2104.	2086.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1163	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	1163	--	--	--	--	--	--
#2	1163	--	--	--	--	--	--

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Method: SW846 Sample Name: PDS 460-32945-P-3-A Operator:
Run Time: 11/10/11 14:01:24
Comment:
Mode: CONC Corr. Factor: 1

Elem Al3082 Sb2068 As1890 Ba4934 Be3130 Cd2265 Ca3179

	92368v1						
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	1975.	485.5	1996.	1994.	46.98	50.48	56070.
SDev	40.	1.6	.	5.	.10	.08	107.
%RSD	2.011	.3234	.0002	.2306	.2065	.1496	.1911
#1	1947.	484.4	1996.	1991.	47.05	50.43	56140.
#2	2003.	486.6	1996.	1998.	46.91	50.53	55990.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	197.0	483.0	252.2	38550.	30020.	887.6	505.8
SDev	.2	1.0	.1	71.	68.	.7	2.5
%RSD	.1198	.2174	.0571	.1848	.2252	.0781	.4899
#1	196.9	483.7	252.1	38600.	29970.	888.1	507.5
#2	197.2	482.2	252.3	38500.	30060.	887.1	504.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	22990.	50.60	510.1	2071.	149500.	2015.	489.9
SDev	66.	.04	.3	2.	414.	3.	.5
%RSD	.2873	.0869	.0626	.1035	.2772	.1547	.1073
#1	22950.	50.57	510.3	2072.	149200.	2017.	489.5
#2	23040.	50.63	509.8	2069.	149800.	2013.	490.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	508.0	613.8	487.9	485.6	497.7	501.2	514.5
SDev	3.3	1.8	1.6	.2	.2	1.7	1.3
%RSD	.6505	.2907	.3293	.0510	.0312	.3384	.2576
#1	510.4	612.5	486.7	485.4	497.8	500.0	515.4
#2	505.7	615.1	489.0	485.8	497.6	502.4	513.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	••Analysis Report				11/10/11 02:07:28 PM
20							page
Units	ppb	ppb					
Avg	2095.	2058.					
SDev	3.	2.					
%RSD	.1578	.0759					
#1	2098.	2059.					
#2	2093.	2057.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1164	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.2049704	--	--	--	--	--	--
#1	1166	--	--	--	--	--	--
#2	1163	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33244-A-1-B@4 Operator:

Run Time: 11/10/11 14:07:31
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	17900.	1.574	7.674	154.1	1.174	- .1861	28010.
SDev	18.	.658	2.861	.3	.008	.2029	53.
%RSD	.0986	41.80	37.29	.2104	.6748	109.0	.1896
#1	17880.	2.039	9.697	154.3	1.180	-.0426	27970.
#2	17910.	1.109	5.651	153.8	1.169	-.3295	28050.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47.41	21.80	150.2	55950.	14580.	895.3	38.13
SDev	.18	.06	.1	73.	9.	.7	.21
%RSD	.3753	.2932	.0677	.1305	.0594	.0830	.5600
#1	47.29	21.84	150.1	55900.	14580.	894.7	38.28
#2	47.54	21.75	150.3	56000.	14590.	895.8	37.98
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2038.	.6447	138.5	.2253	1784.	-1.823	123.6
SDev	12.	.3911	.2	.5604	75.	2.129	.7
%RSD	.5844	60.66	.1574	248.8	4.231	116.8	.5607
#1	2030.	.3682	138.4	.6215	1837.	-.3180	123.1
#2	2046.	.9212	138.7	-.1710	1730.	-3.329	124.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	422.4	235.3	4.518	8.666	1835.	137.5	139.1
SDev	.1	.7	.531	.646	.	.8	.7
%RSD	.0241	.2995	11.76	7.451	.0202	.6125	.5374
#1	422.4	234.8	4.893	9.123	1834.	138.1	138.5
#2	422.5	235.8	4.142	8.210	1835.	136.9	139.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.403	-2.369					
SDev	1.215	1.447					
%RSD	22.49	61.09					
#1	4.544	-1.345					
#2	6.262	-3.392					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1189	--	--	--	--	--	--

SDev	3.054663	--	--	--	92368v1	--	--
%RSD	.2568638	--	--	--	--	--	--
#1	1187	--	--	--	--	--	--
#2	1191	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33244-A-2-B@4 Operator:

Run Time: 11/10/11 14:13:39

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25790.	-1.461	12.37	211.5	1.579	-.2543	22430.
SDev	86.	1.016	.09	.4	.011	.3006	6.
%RSD	.3345	69.57	.7574	.2072	.7187	118.2	.0249

#1	25730.	-2.180	12.44	211.2	1.587	-.4669	22420.
#2	25850.	-.7423	12.30	211.8	1.571	-.0417	22430.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	20000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	118.0	28.16	218.7	76020.	15420.	1676.	44.87
SDev	.1	.35	.1	89.	28.	2.	.40
%RSD	.1078	1.258	.0625	.1170	.1844	.1067	.8904

#1	117.9	28.42	218.8	75950.	15400.	1675.	44.59
#2	118.1	27.91	218.6	76080.	15440.	1677.	45.15

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1209.	1.145	426.3	1.069	1524.	-2.168	141.5
SDev	4.	.211	.8	.099	45.	1.131	.2
%RSD	.3249	18.41	.1765	9.230	2.946	52.16	.1650

#1	1206.	1.294	425.7	.9996	1556.	-1.368	141.7
#2	1212.	.9959	426.8	1.139	1493.	-2.967	141.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	530.1	113.2	1.043	7.923	2142.	426.6	426.1
SDev	1.9	1.2	.565	1.079	2.	.6	.8
%RSD	.3579	1.034	54.21	13.62	.1139	.1516	.1889

#1	528.8	112.4	1.443	8.686	2140.	426.2	425.5
#2	531.5	114.1	.6430	7.160	2143.	427.1	426.7

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.603	-.2042
SDev	1.246	.7698
%RSD	34.57	377.0

#1	4.484	-.7485
#2	2.722	.3401

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1200	--	--	--	--	--	--
SDev	.7318797	--	--	--	--	--	--
%RSD	.0609766	--	--	--	--	--	--
#1	1200	--	--	--	--	--	--
#2	1201	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33244-A-3-B@4 Operator:
Run Time: 11/10/11 14:19:47
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38400.	-2.245	19.48	251.0	3.098	.3087	22940.
SDev	87.	1.606	2.64	.7	.010	.0663	64.
%RSD	.2275	71.52	13.55	.2789	.3299	21.46	.2797
#1	38460.	-1.110	17.62	251.5	3.091	.3555	22900.
#2	38340.	-3.381	21.35	250.5	3.106	.2619	22990.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	56.05	29.79	110.4	70550.	14240.	1827.	41.05
SDev	.01	.75	.0	124.	33.	3.	.78
%RSD	.0245	2.521	.0160	.1764	.2332	.1603	1.889
#1	56.06	29.26	110.4	70460.	14260.	1825.	41.60
#2	56.04	30.33	110.5	70640.	14220.	1829.	40.51

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2314.	.6822	242.0	1.239	713.8	-3.460	122.3
SDev	2.	.0560	.7	.460	64.5	1.353	.0
%RSD	.0803	8.213	.3095	37.14	9.037	39.11	.0394
#1	2315.	.6426	241.5	.9133	668.2	-4.417	122.3
#2	2313.	.7219	242.5	1.564	759.4	-2.503	122.2

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	361.2	316.6	2.219	8.433	1255.	242.8	241.6
SDev	.5	1.7	.426	2.497	1.	1.0	1.6
%RSD	.1453	.5391	19.18	29.61	.0606	.4145	.6727
#1	360.9	315.4	1.918	10.20	1256.	243.5	240.5
#2	361.6	317.8	2.520	6.668	1255.	242.0	242.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.166	.2678
SDev	3.936	1.275
%RSD	124.3	476.3
#1	.3827	1.170
#2	5.950	-.6341

Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1221	--	--	--	--	--	--
SDev	2.386485	--	--	--	--	--	--
%RSD	.1955242	--	--	--	--	--	--
#1	1219	--	--	--	--	--	--
#2	1222	--	--	--	--	--	--

Method:	SW846	Sample Name:	CCV 1200071	Operator:			
Run Time:	11/10/11 14:25:55						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	125300.	988.8	4959.	9766.	987.3	2549.	124400.
SDev	42.	1.9	4.	8.	.2	1.	50.
%RSD	.0337	.1950	.0736	.0843	.0225	.0235	.0404
#1	125300.	990.1	4961.	9772.	987.1	2550.	124400.
#2	125300.	987.4	4956.	9760.	987.4	2549.	124500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5009.	2486.	12590.	98560.	126000.	5042.	2537.
SDev	.	.	17.	32.	89.	1.	2.
%RSD	.0016	.0068	.1381	.0325	.0704	.0281	.0893
#1	5009.	2486.	12610.	98580.	126000.	5041.	2539.
#2	5009.	2486.	12580.	98530.	125900.	5043.	2536.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47430.	1240.	10170.	4986.	120600.	5054.	2517.
SDev	94.	1.	8.	16.	115.	15.	2.
%RSD	.1986	.0408	.0825	.3126	.0954	.2983	.0827
#1	47500.	1240.	10180.	4997.	120500.	5065.	2515.
#2	47360.	1239.	10160.	4975.	120700.	5043.	2518.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2512.	1026.	2507.	983.8	9947.	10130.	10190.
SDev	2.	1.	.	.0	1.	5.	10.
%RSD	.0882	.0635	.0091	.0045	.0079	.0447	.1013
#1	2511.	1027.	2507.	983.8	9946.	10140.	10200.
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#2	2514.	1026.	2506.	983.8	9947.	10130.	10180.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					

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Avge 5022. 4968.
SDev 4. 22.
%RSD .0701 .4350

#1 5025. 4984.
#2 5020. 4953.

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1120	--	--	--	--	--	--
SDev	.6681779	--	--	--	--	--	--
%RSD	.0596812	--	--	--	--	--	--
#1	1120	--	--	--	--	--	--
#2	1119	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 11/10/11 14:32:03

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	••Analysis Report
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Avge	-22.83	-2.418	-.2904	.0101	.2428	.0776	-8.581
SDev	19.70	1.443	2.4809	.1503	.0070	.0664	2.344
%RSD	86.30	59.67	854.2	1486.	2.869	85.57	27.32

#1	-36.76	-1.398	1.464	-.0962	.2477	.1245	-10.24
#2	-8.899	-3.439	-2.045	.1164	.2378	.0306	-6.924

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1275	.3587	3.081	7.519	1.853	.0504	-.3870
SDev	.3493	.5288	1.894	6.938	1.915	.0465	.4371
%RSD	274.0	147.4	61.47	92.28	103.3	92.15	112.9

#1	.3744	.7326	1.741	2.613	.4988	.0176	-.0779
#2	-.1195	-.0152	4.420	12.42	3.207	.0833	-.6961

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-13.71	.3633	-1.018	-2.798	-34.67	.7950	.4648
SDev	.03	.2054	.411	.888	103.70	1.240	.1402
%RSD	.1838	56.52	40.41	31.73	299.1	155.9	30.16

#1	-13.69	.2181	-1.309	-2.170	-108.0	1.671	.3657
#2	-13.73	.5085	-.7273	-3.426	38.66	-.0815	.5639

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0690	1.574	1.537	.0951	.2379	-2.580	-.2425
SDev	.4490	.483	.967	1.373	.2920	2.822	2.0259
%RSD	650.4	30.71	62.94	1444.	122.7	109.4	835.3

#1	.3865	1.232	2.220	1.066	.0314	-.5840	-1.675
#2	-.2484	1.916	.8527	-.8760	.4444	-4.575	1.190

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	30.00	50.00	20.00	50.00	92368v1
Low	-30.00	-50.00	-20.00	-50.00	20.00
					-20.00

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.376	-1.520
SDev	4.094	.713
%RSD	76.16	46.89

#1	-2.481	-2.024	••Analysis Report

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#2	-8.271	-1.016

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1132	--	--	--	--	--	--
SDev	6.554894	--	--	--	--	--	--
%RSD	.5790209	--	--	--	--	--	--

#1	1137	--	--	--	--	--	--
#2	1127	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-92469/1-A Operator:

Run Time: 11/10/11 14:38:11

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-21.85	-3.774	1.058	.2701	.2563	-.0277	-2.735
SDev	4.07	.564	1.468	.0745	.0061	.0446	1.204
%RSD	18.63	14.93	138.8	27.58	2.366	160.9	44.04

#1	-18.97	-4.173	2.096	.3227	.2520	-.0593	-1.883
#2	-24.73	-3.376	.0199	.2174	.2606	.0038	-3.586

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2367	.6140	3.992	8.023	9.346	.1620	-.7128

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SDev	.3086	.3438	.031	4.943	4.577	.0447	.4985
%RSD	130.4	55.99	.7849	61.62	48.97	27.62	69.93

#1	.0185	.3709	4.014	11.52	12.58	.1936	-1.065
#2	.4549	.8571	3.970	4.527	6.110	.1304	-.3604

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-29.87	.9295	1.209	-.9901	-110.5	.5655	.3487
SDev	2.92	.0340	.234	.6074	59.2	1.740	.2772
%RSD	9.772	3.655	19.35	61.35	53.54	307.7	79.49

#1	-31.93	.9054	1.375	-.5606	-152.4	1.796	.5447
#2	-27.81	.9535	1.044	-1.420	-68.68	-.6650	.1527

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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92368v1							
Avge	1.241	4.941	.6059	1.821	.5271	-2.103	2.859
SDev	.214	.102	.8792	.001	.0518	3.732	2.214
%RSD	17.27	2.070	145.1	.0737	9.819	177.5	77.45
#1	1.089	4.868	-.0158	1.822	.5637	-4.741	4.424
#2	1.392	5.013	1.228	1.820	.4905	.5364	1.293
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.508	-.7406					
SDev	.217	.8025					
%RSD	14.37	108.4					
#1	-1.355	-.1731					
#2	-1.661	-1.308					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1156	--	--	--	--	--	--
SDev	3.818394	--	--	--	--	--	--
%RSD	.3303095	--	--	--	--	--	--

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#1	1153	--	--	--	--	--	--
#2	1159	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-92469/2-A Operator:
Run Time: 11/10/11 14:44:19
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1993.	492.8	1972.	2005.	49.06	51.74	20240.
SDev	1.	1.4	1.	7.	.03	.20	4.
%RSD	.0651	.2805	.0627	.3402	.0548	.3862	.0174
#1	1992.	493.8	1973.	2010.	49.08	51.89	20240.
#2	1994.	491.9	1971.	2000.	49.04	51.60	20250.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2302.	575.5	2302.	2302.	57.55	57.55	23020.
Low	1698.	424.5	1698.	1698.	42.45	42.45	16980.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	203.6	492.7	252.1	998.7	19260.	522.7	505.2
SDev	.4	.8	2.5	.5	78.	.7	1.4
%RSD	.1738	.1586	1.001	.0534	.4032	.1302	.2800
#1	203.9	492.1	253.9	998.3	19310.	523.2	504.2
#2	203.4	493.2	250.3	999.0	19200.	522.2	506.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	230.2	575.5	287.5	1151.	23020.	575.5	575.5
Low	169.8	424.5	212.3	849.0	16980.	424.5	424.5
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19180.	50.25	512.5	1952.	18540.	1998.	503.2

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SDev	39.	.12	.0	1.	48.	1.	.7
%RSD	.2025	.2456	.0038	.0743	.2613	.0735	.1365

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#1	19150.	50.34	512.5	1950.	18580.	1997.	503.7
#2	19210.	50.16	512.5	1953.	18510.	1999.	502.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	23020.	57.55	575.5	2302.	23020.	2302.	575.5
Low	16980.	42.45	424.5	1698.	16980.	1698.	424.5
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	509.4	503.2	503.6	491.5	509.4	510.1	513.7
SDev	1.7	.3	.9	1.6	.8	.6	.3
%RSD	.3360	.0643	.1786	.3215	.1530	.1243	.0673
#1	510.6	503.0	504.3	492.6	509.9	510.5	513.4
#2	508.2	503.5	503.0	490.4	508.8	509.6	513.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	575.5	575.5	575.5	575.5	575.5		
Low	424.5	424.5	424.5	424.5	424.5		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1959.	1948.					
SDev	1.	3.					
%RSD	.0393	.1313					
#1	1960.	1946.					
#2	1958.	1950.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1147	--	--	--	--	--	--
SDev	1.400144	--	--	--	--	--	--
%RSD	.1220312	--	--	--	--	--	--
#1	1146	--	--	--	--	--	--
#2	1148	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33202-A-3-A DU Operator:

Run Time: 11/10/11 14:50:27

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	195.0	-1.618	3.677	10.39	.1214	-.2309	71510.
SDev	14.1	.513	3.625	.08	.0003	.0788	154.
%RSD	7.241	31.71	98.58	.7339	.2069	34.10	.2154
#1	185.1	-1.255	6.241	10.33	.1216	-.1753	71400.
#2	205.0	-1.981	1.114	10.44	.1212	-.2866	71620.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1089	.0589	2.352	660.6	9011.	334.7	1.020
SDev	.8030	.7798	.132	3.1	24.	.2	.000
%RSD	737.1	1323.	5.606	.4665	.2683	.0558	.0270
#1	-.4589	-.4925	2.259	662.8	9028.	334.6	1.020
#2	.6768	.6103	2.445	658.4	8994.	334.8	1.020
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5124.	.8065	.8892	-.6615	7556.	.0887	1.394

SDev	10.	.1501	1.334	1.4992	92368v1 26.	.0999	.358	
%RSD	.1863	18.61	150.0	226.6	.3458	112.6	25.69	
#1	5117.	.7004	1.833	-1.722	7575.	.0181	1.141	
#2	5131.	.9127	-.0541	.3986	7538.	.1593	1.647	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	••Analysis Report

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Avge	6.587	182.7	1.986	.3760	-.1528	1.715	.4730
SDev	.232	.3	.228	1.044	.0535	2.166	3.082
%RSD	3.515	.1465	11.47	277.6	35.03	126.3	651.5
#1	6.751	182.9	1.825	-.3619	-.1150	.1834	2.652
#2	6.423	182.5	2.147	1.114	-.1906	3.247	-1.706
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.9233	-.5400					
SDev	3.5928	.4539					
%RSD	389.1	84.06					
#1	-3.464	-.8610					
#2	1.617	-.2190					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1142	--	--	--	--	--	--
SDev	.1909327	--	--	--	--	--	--
%RSD	.0167144	--	--	--	--	--	--
#1	1142	--	--	--	--	--	--
#2	1142	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33202-F-3-A Operator:
Run Time: 11/10/11 14:56:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	187.4	-1.849	4.082	10.00	.1742	-.0205	68940.
SDev	14.1	.605	.706	.12	.0055	.0067	496.
%RSD	7.510	32.72	17.31	1.158	3.171	32.48	.7202
#1	177.4	-1.421	4.581	9.920	.1781	-.0252	68590.
#2	197.3	-2.277	3.582	10.08	.1703	-.0158	69290.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2612	.2622	1.600	632.2	8672.	322.0	.6046
SDev	.1348	.1717	.158	12.4	39.	2.0	.0279
%RSD	51.61	65.48	9.860	1.962	.4465	.6309	4.618
#1	-.3566	.3836	1.488	623.5	8645.	320.6	.6244
#2	-.1659	.1408	1.711	641.0	8700.	323.4	.5849
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

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92368v1							
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4927.	.5139	-.7913	-1.286	7298.	-.5598	1.159
SDev	26.	.3229	.4383	.041	15.	2.3654	.072
%RSD	.5227	62.85	55.38	3.165	.2066	422.5	6.180
#1	4908.	.2855	-.4814	-1.257	7309.	1.113	1.109
#2	4945.	.7422	-1.101	-1.314	7287.	-2.232	1.210
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.464	174.3	2.018	-.2728	-.0540	-2.506	.0607
SDev	.045	1.1	.393	.7610	.0037	3.535	1.108
%RSD	.6905	.6300	19.47	278.9	6.819	141.1	1824.
#1	6.432	173.5	2.296	-.8109	-.0514	-.0062	-.7225
#2	6.496	175.1	1.740	.2653	-.0566	-5.005	.8439
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem 1960/1 1960/2 ••Analysis Report 11/10/11 03:02:39 PM page 45

Units	ppb	ppb					
Avge	2.436	-3.152					
SDev	3.346	1.610					
%RSD	137.4	51.06					
#1	4.802	-4.291					
#2	.0696	-2.014					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1174	--	--	--	--	--	--
SDev	5.091134	--	--	--	--	--	--
%RSD	.4335389	--	--	--	--	--	--
#1	1178	--	--	--	--	--	--
#2	1171	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-33202-F-3-A@5 Operator:

Run Time: 11/10/11 15:02:42

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	37.21	-1.809	-.3131	2.007	.1414	-.1208	14020.
SDev	29.79	.306	.2462	.004	.0228	.0058	.
%RSD	80.06	16.93	78.62	.2158	16.10	4.802	.0022
#1	16.14	-1.592	-.1391	2.010	.1253	-.1167	14020.
#2	58.27	-2.026	-.4872	2.004	.1575	-.1249	14020.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0725	.1228	.8615	127.2	1714.	64.42	.0556

92368v1							
SDev	.2460	.1712	.1165	7.9	4.	.01	.3752
%RSD	339.4	139.4	13.52	6.175	.2510	.0164	675.4
#1	.2464	.2438	.7791	121.6	1717.	64.43	-.2098
#2	-.1015	.0017	.9438	132.7	1711.	64.41	.3209
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	798.4	.7484	-.9842	-.6191	1439.	-1.914	.5457
SDev	2.1	.2114	.6211	2.3576	71.	1.998	.0065
%RSD	.2661	28.25	63.11	380.8	4.948	104.4	1.194
#1	799.9	.5989	-.5450	1.048	1490.	-3.327	.5503
#2	796.9	.8979	-1.423	-2.286	1389.	-.5010	.5411
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.401	34.47	.1247	.3148	.0743	-.4160	-1.272
SDev	.066	.16	.7748	.3909	.0547	1.2785	.293
%RSD	4.736	.4730	621.4	124.2	73.61	307.4	23.03
#1	1.354	34.35	.6726	.5912	.0356	.4880	-1.065
#2	1.447	34.58	-.4232	.0384	.1129	-1.320	-1.479
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.292	.2070					
SDev	6.259	.4099					
%RSD	273.1	198.0					
#1	2.133	.4969					
#2	-6.718	-.0829					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1145	--	--	--	--	--	--
SDev	2.481952	--	--	--	--	--	--
%RSD	.2168107	--	--	--	--	--	--
#1	1143	--	--	--	--	--	--
#2	1147	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33202-E-3-B MS Operator:

Run Time: 11/10/11 15:08:50

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2111.	482.2	1928.	1973.	47.54	49.87	89640.
SDev	29.	2.4	4.	.	.03	.12	12.
%RSD	1.389	.4973	.1935	.0047	.0663	.2409	.0133
#1	2090.	480.5	1925.	1973.	47.56	49.78	89650.
#2	2132.	483.9	1931.	1973.	47.52	49.95	89630.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

	Low	-200.0	-10.00	-10.00	-20.00	92368v1 -5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	196.3	477.9	245.3	1620.	27870.	835.5	489.5	
SDev	.2	.1	.2	.	3.	.2	.7	
%RSD	.0805	.0299	.0634	.0136	.0091	.0273	.1441	
#1	196.4	477.8	245.4	1620.	27870.	835.3	490.0	
#2	196.2	478.0	245.1	1620.	27870.	835.7	489.0	

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24200.	49.42	492.6	1882.	25810.	1922.	487.2
SDev	113.	.25	1.0	5.	5.	6.	.1
%RSD	.4655	.5138	.2082	.2847	.0198	.3152	.0275
#1	24120.	49.60	491.9	1885.	25820.	1927.	487.1
#2	24280.	49.24	493.4	1878.	25810.	1918.	487.3

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	492.2	664.2	486.4	477.5	493.6	488.1	494.9
SDev	.8	2.5	.2	1.8	.5	3.3	3.2
%RSD	.1616	.3703	.0465	.3747	.1001	.6726	.6418
#1	491.6	662.5	486.3	476.2	494.0	490.4	492.7
#2	492.7	665.9	486.6	478.7	493.3	485.8	497.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1888.	1878.					
SDev	9.	4.					
%RSD	.4503	.2016					
#1	1894.	1881.					
#2	1882.	1876.					

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1129	--	--	--	--	--	--
SDev	.7000288	--	--	--	--	--	--
%RSD	.0620238	--	--	--	--	--	--
#1	1128	--	--	--	--	--	--
#2	1129	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-33202-F-3-A Operator:
Run Time: 11/10/11 15:14:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2187.	480.6	1946.	2011.	48.39	50.58	89560.
SDev	20.	1.9	14.	12.	.42	.54	828.
%RSD	.8928	.4041	.7261	.6049	.8616	1.064	.9249

92368v1							
#1	2174.	479.2	1936.	2020.	48.09	50.20	88970.
#2	2201.	482.0	1956.	2003.	48.68	50.96	90150.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	199.9	486.3	251.0	1634.	28170.	842.4	498.6
SDev	1.8	3.8	1.4	2.	70.	4.0	2.3
%RSD	.8880	.7737	.5759	.1009	.2491	.4790	.4565
#1	198.6	483.7	250.0	1633.	28220.	839.6	497.0
#2	201.2	489.0	252.0	1635.	28120.	845.3	500.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24580.	49.98	500.2	1917.	26080.	1958.	496.2
SDev	195.	.15	.7	9.	227.	4.	1.8
%RSD	.7927	.3025	.1351	.4534	.8717	.1971	.3641
#1	24720.	50.08	499.7	1911.	26240.	1956.	495.0
#2	24440.	49.87	500.7	1924.	25920.	1961.	497.5
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.3	673.6	495.1	487.2	502.7	497.2	501.7
SDev	8.4	1.7	4.7	1.5	.2	6.0	2.0
%RSD	1.681	.2533	.9437	.3160	.0483	1.205	.3941
#1	495.3	672.4	491.8	486.1	502.6	492.9	503.1
#2	507.3	674.8	498.4	488.3	502.9	501.4	500.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1922.	1915.					
SDev	9.	8.					
%RSD	.4821	.4390					
#1	1915.	1909.					
#2	1928.	1921.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1121	--	--	--	--	--	--
SDev	12.28244	--	--	--	--	--	--
%RSD	1.095365	--	--	--	--	--	--
#1	1113	--	--	--	--	--	--
#2	1130	--	--	--	--	--	--
Method: SW846 Sample Name: 460-33052-G-2-A Operator:							
Run Time: 11/10/11 15:21:05							
Comment:							
Mode: CONC Corr. Factor: 1							

92368v1							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	24.30	-3.592	17.37	105.5	.0877	-.3760	198300.
SDev	21.36	1.679	.03	2.7	.0270	.0291	5749.
%RSD	87.91	46.73	.1993	2.514	30.75	7.748	2.899
#1	9.194	-4.779	17.34	107.4	.0686	-.3554	202400.
#2	39.40	-2.405	17.39	103.6	.1068	-.3966	194300.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.720	.4561	3.180	26470.	29200.	723.5	1.793
SDev	.041	.1682	.205	800.	817.	22.2	.397
%RSD	2.403	36.88	6.456	3.024	2.799	3.070	22.12
#1	-1.749	.5750	3.326	27030.	29780.	739.3	2.074
#2	-1.691	.3371	3.035	25900.	28620.	707.8	1.513
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8160.	.5197	2.340	.1318	40600.	-3.792	.3793
SDev	269.	.0922	1.640	1.626	941.	.753	.1527
%RSD	3.295	17.74	70.09	1234.	2.318	19.86	40.25
#1	8350.	.4545	1.180	1.282	41270.	-4.324	.4872
#2	7970.	.5849	3.499	-1.018	39940.	-3.259	.2713
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.531	101.7	2.581	-.2145	-.3882	3.347	1.833
SDev	.407	4.2	.182	1.8443	.1387	2.249	1.336
%RSD	6.240	4.173	7.064	859.9	35.73	67.22	72.88
#1	6.819	104.7	2.710	1.090	-.2901	1.756	.8883
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#2	6.243	98.68	2.452	-1.519	-.4863	4.937	2.777
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.328	-.4748					
SDev	.746	2.8106					
%RSD	56.22	591.9					
#1	.7998	1.513					
#2	1.855	-2.462					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1094	--	--	--	--	--	--
SDev	25.90132	--	--	--	--	--	--
%RSD	2.366909	--	--	--	--	--	--
#1	1076	--	--	--	--	--	--
#2	1113	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33052-G-3-A Operator: 92368v1
 Run Time: 11/10/11 15:27:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	••Analysis Report
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Avge	346.8	-2.990	3.498	34.87	.1750	.3017	4515.
SDev	5.7	.965	1.261	.06	.0045	.1341	6.
%RSD	1.648	32.28	36.04	.1767	2.560	44.44	.1297

#1	342.8	-3.672	4.389	34.83	.1782	.2069	4519.
#2	350.9	-2.307	2.606	34.92	.1718	.3966	4511.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8307	.5381	4.371	1548.	1510.	24.94	5.510
SDev	.0003	.4251	.131	7.	2.	.05	.340
%RSD	.0414	79.01	3.002	.4829	.1505	.2039	6.172

#1	.8310	.8387	4.464	1543.	1512.	24.98	5.270
#2	.8305	.2374	4.279	1554.	1509.	24.91	5.750

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	867.1	.5608	.1262	-2.347	2365.	-1.640	.9684
SDev	8.9	.0340	.2429	1.771	34.	1.381	.2752
%RSD	1.030	6.055	192.5	75.42	1.443	84.25	28.42

#1	860.8	.5848	-.0456	-1.096	2341.	-.6628	.7738
#2	873.4	.5368	.2980	-3.599	2389.	-2.616	1.163

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41.47	36.03	.3698	-.3321	7.699	-3.491	1.928
SDev	.06	.28	.5465	1.1064	.232	1.106	.916
%RSD	.1483	.7751	147.8	333.1	3.018	31.68	47.52

#1	41.43	35.83	.7563	-1.115	7.535	-2.709	1.280
#2	41.51	36.23	-.0166	.4502	7.864	-4.273	2.576

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.814	-1.624					
SDev	3.794	.760					
%RSD	99.48	46.80					

#1	-1.131	-1.087	••Analysis Report			11/10/11 03:33:18 PM	page
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#2	-6.497	-2.162					

Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	92368v1	--	--
Avge	1165	--	--	--	--	--	--
SDev	.3818653	--	--	--	--	--	--
%RSD	.0327780	--	--	--	--	--	--
#1	1165	--	--	--	--	--	--
#2	1165	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33052-G-4-A Operator:
Run Time: 11/10/11 15:33:21
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-4.551	-1.467	-.2588	-.0933	.0996	.0641	-3.885
SDev	30.359	1.203	3.8757	.1457	.0447	.3399	1.458
%RSD	667.1	82.01	1498.	156.1	44.84	530.5	37.52
#1	-26.02	-2.317	-2.999	.0097	.1312	.3044	-2.854
#2	16.92	-.6160	2.482	-.1964	.0680	-.1763	-4.916

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0351	-.0389	1.899	4.680	13.32	.0053	-.5662

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SDev	.0333	.4249	.243	4.842	2.06	.0855	.2639
%RSD	94.81	1093.	12.79	103.4	15.47	1608.	46.61

#1	.0586	.2615	2.071	8.104	14.78	-.0552	-.7528
#2	.0116	-.3393	1.727	1.257	11.86	.0658	-.3796

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-58.25	.8630	-.7542	.0300	-.68.15	-.1784	.2856
SDev	2.01	.0539	.4032	2.363	93.58	2.8679	.2091
%RSD	3.446	6.240	53.46	7880.	137.3	1608.	73.21

#1	-56.83	.9011	-1.039	-1.641	-1.980	1.850	.4335
#2	-59.67	.8249	-.4691	1.701	-134.3	-2.206	.1378

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9142	3.913	-.8392	-1.319	.0711	-1.799	-.2365
SDev	.6161	.571	.1761	.692	.0248	.668	.9380
%RSD	67.39	14.59	20.98	52.49	34.90	37.14	396.6

#1	.4786	4.317	-.7147	-.8295	.0535	-1.326	-.8998
#2	1.350	3.509	-.9637	-1.809	.0886	-2.271	.4267

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.4186	.2450
SDev	5.9259	.5842
%RSD	1416.	238.5

#1	-4.609	-.1682
#2	3.772	.6581

Errors	NOCHECK	NOCHECK
High		

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1170	--	--	--	--	--	--
SDev	1.909240	--	--	--	--	--	--
%RSD	.1632520	--	--	--	--	--	--

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#1	1171	--	--	--	--	--	--
#2	1168	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:

Run Time: 11/10/11 15:39:30

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123500.	987.5	4873.	9817.	975.5	2459.	121900.
SDev	6.	2.6	4.	13.	1.7	.	103.
%RSD	.0045	.2615	.0768	.1343	.1713	.0186	.0848

#1	123500.	989.3	4871.	9826.	976.7	2459.	121900.
#2	123500.	985.7	4876.	9807.	974.3	2458.	121800.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4905.	2441.	12410.	97020.	124000.	4939.	2463.
SDev	4.	1.	9.	104.	33.	5.	2.
%RSD	.0771	.0475	.0685	.1076	.0265	.1067	.0665

#1	4908.	2442.	12420.	97100.	124000.	4943.	2462.
#2	4903.	2440.	12400.	96950.	123900.	4935.	2464.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47050.	1226.	9859.	4911.	119700.	4922.	2464.

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SDev	193.	1.	8.	5.	44.	7.	2.
%RSD	.4103	.0962	.0786	.0982	.0368	.1481	.0968

#1	47190.	1226.	9854.	4914.	119700.	4927.	2466.
#2	46910.	1225.	9865.	4907.	119700.	4917.	2463.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2432.	1000.0	2459.	970.3	9793.	9869.	9854.
SDev	5.	.68	5.	4.1	8.	4.	14.
%RSD	.2062	.0676	.2208	.4244	.0797	.0435	.1396

#1	2428.	999.5	2456.	973.2	9798.	9872.	9844.
#2	2435.	1000.	2463.	967.4	9787.	9866.	9864.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb

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Avge 4947. 4892.
SDev 2. 6.
%RSD .0442 .1255

#1 4949. 4897.
#2 4945. 4888.

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1132	--	--	--	--	--	--
SDev	2.672884	--	--	--	--	--	--
%RSD	.2360788	--	--	--	--	--	--
#1	1130	--	--	--	--	--	--
#2	1134	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 11/10/11 15:45:39

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-36.17	-3.890	3.109	.1685	.1987	.0531	-3.448
SDev	4.60	.328	.166	.0751	.0102	.1474	.367
%RSD	12.71	8.435	5.334	44.56	5.156	277.5	10.65

#1	-32.92	-4.122	3.226	.1154	.1914	.1574	-3.707
#2	-39.42	-3.658	2.992	.2216	.2059	-.0511	-3.188

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4980	.4234	2.762	9.727	12.45	.0173	-1.261
SDev	.6663	.9589	1.456	1.340	2.58	.0006	.129
%RSD	133.8	226.5	52.70	13.77	20.75	3.664	10.22

#1	.9692	1.101	1.733	8.780	10.62	.0169	-1.170
#2	.0269	-.2547	3.792	10.67	14.27	.0178	-1.353

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-13.39	.7579	-.1783	-1.096	-50.81	-2.040	.4639
SDev	4.93	.0168	.8766	1.726	60.70	2.617	.1519
%RSD	36.82	2.220	491.6	157.4	119.5	128.2	32.75

#1	-9.906	.7698	.4415	-2.317	-7.882	-3.891	.5713
#2	-16.88	.7460	-.7981	.1241	-93.73	-.1902	.3565

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	.2750	1.189	1.848	-1.099	.3527	-1.436	.4457
SDev	.7762	2.314	1.501	1.534	.1331	.785	.9222
%RSD	282.3	194.6	81.25	139.6	37.73	54.68	206.9

#1	.8238	2.825	2.909	-.0143	.2586	-.8809	1.098
#2	-.2739	-.4471	.7861	-2.184	.4468	-1.991	-.2063

Errors	LC Pass	LC Pass	LC Pass	LC Pass	92368v1 LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-2.752	-.2794
SDev	1.251	1.9635
%RSD	45.46	702.9

#1	-3.636	-1.668
#2	-1.867	1.109

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1137	--	--	--	--	--	--
SDev	1.781923	--	--	--	--	--	--
%RSD	.1567504	--	--	--	--	--	--

#1	1138	--	--	--	--	--	--
#2	1136	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-92368/1-A Operator:

Run Time: 11/10/11 17:10:26

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-35.90	-4.001	1.975	-.0903	.3492	-.0609	-9.741
SDev	28.34	2.126	.706	.0002	.0119	.1860	.342
%RSD	78.94	53.13	35.75	.1697	3.399	305.5	3.507

#1	-55.94	-2.498	1.475	-.0902	.3408	-.1924	-9.982
#2	-15.86	-5.504	2.474	-.0904	.3576	.0706	-9.499

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1367	.8041	3.089	8.588	4.967	-.0940	-.4581
SDev	.0673	.0825	.013	5.319	5.547	.0418	.0029
%RSD	49.26	10.26	.4259	61.94	111.7	44.45	.6428

#1	.0891	.8625	3.079	12.35	8.889	-.1235	-.4560
#2	.1843	.7457	3.098	4.827	1.044	-.0645	-.4602

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-70.15	.7996	-.7231	-.7015	-169.4	1.487	.4141
SDev	1.68	.1954	.2747	1.0662	91.1	1.046	.2638
%RSD	2.397	24.44	37.99	152.0	53.76	70.34	63.69

#1	-68.97	.9377	-.5289	.0524	-105.0	2.227	.6007
#2	-71.34	.6614	-.9173	-1.455	-233.8	.7474	.2276

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.196	.5271	-1.594	-1.278	.1986	-4.102	.9600
SDev	.155	.0556	.906	.612	.0243	2.888	1.030
%RSD	12.99	10.54	56.80	47.87	12.24	70.39	107.3

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#1	1.086	.5664	-2.235	-1.711	.1814	-2.060	.2319
#2	1.306	.4878	-.9540	-.8455	.2158	-6.144	1.688
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4.925	-3.519					
SDev	1.016	1.091					
%RSD	20.63	31.01					
#1	5.643	-2.747					
#2	4.206	-4.291					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1204	--	--	--	--	--	--
SDev	1.845538	--	--	--	--	--	--
%RSD	.1532871	--	--	--	--	--	--
#1	1205	--	--	--	--	--	--
#2	1203	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32956-H-3-B@2 Operator:

Run Time: 11/10/11 17:16:35

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.05	-2.197	4.975	30.54	.3447	.2479	3688.
SDev	32.12	.977	1.662	.81	.0147	.0798	28.
%RSD	50.94	44.48	33.41	2.651	4.256	32.17	.7583
#1	40.33	-1.506	3.799	29.97	.3550	.1915	3668.
#2	85.76	-2.888	6.150	31.12	.3343	.3043	3707.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4342	1.753	6.154	493.6	136200.	501.8	1.754
SDev	.1056	.426	.029	13.5	682.	3.5	.001
%RSD	24.32	24.27	.4678	2.739	.5005	.7069	.0453
#1	.3595	2.054	6.133	484.0	135700.	499.3	1.753
#2	.5088	1.452	6.174	503.1	136700.	504.3	1.754
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2346.	.9447	-.9486	.7052	15230.	1.839	1.624
SDev	27.	.0257	.4945	1.040	122.	.092	.066
%RSD	1.150	2.720	52.13	147.5	.8033	4.995	4.040
#1	2327.	.9628	-.5989	-.0301	15140.	1.774	1.578
#2	2365.	.9265	-1.298	1.441	15310.	1.904	1.670
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	7.090	191.5	9.607	.1284	3.030	-4.606	.8734
SDev	.664	2.1	1.282	.2250	.137	.991	1.236
%RSD	9.362	1.099	13.35	175.3	4.507	21.51	141.5

#1	7.559	190.0	10.51	.2875	2.933	-5.306	1.747	••Analysis Report
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#2	6.620	193.0	8.700	-.0307	3.126	-3.905	-.0006

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	4.757	-1.327
SDev	3.958	.417
%RSD	83.21	31.44

#1	1.958	-1.032
#2	7.556	-1.622

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1159	--	--	--	--	--	--
SDev	2.863731	--	--	--	--	--	--
%RSD	.2471396	--	--	--	--	--	--

#1	1161	--	--	--	--	--	--
#2	1157	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32991-K-1-A Operator:
Run Time: 11/10/11 17:31:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	68.64	-3.083	1.055	87.26	.3679	.0060	14320.
SDev	22.62	.318	.682	.03	.0175	.0609	33.
%RSD	32.95	10.32	64.68	.0379	4.749	1012.	.2291

#1	52.65	-3.308	.5723	87.24	.3802	-.0370	14300.
#2	84.64	-2.859	1.537	87.28	.3555	.0491	14350.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0272	.8379	6.446	127.6	5542.	11.29	2.139
SDev	.3409	.5016	.064	2.4	8.	.06	.219
%RSD	1254.	59.87	.9862	1.859	.1515	.5549	10.26

#1	-.2682	.4832	6.401	125.9	5536.	11.25	1.984
#2	.2138	1.193	6.491	129.3	5548.	11.34	2.294

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2025.	.6728	-.6963	2.023	21030.	2.773	1.259
SDev	4.	.1656	.0540	.659	1.	.672	.074
%RSD	.1802	24.61	7.753	32.58	.0052	24.24	5.843

#1	2022.	.7899	-.6581	1.557	21030.	3.248	1.207	••Analysis Report
#2	2027.	.5558	-.7344	2.489	21030.	2.297	1.311	
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	198.9	26.48	1.381	.4595	6.103	-4.200	1.050
SDev	.0	.02	.356	.3310	.203	.914	.377
%RSD	.0241	.0793	25.80	72.03	3.322	21.77	35.92
#1	198.9	26.46	1.633	.6936	6.247	-3.553	.7835
#2	198.9	26.49	1.129	.2255	5.960	-4.846	1.317
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	9.136	-1.537					
SDev	2.742	.381					
%RSD	30.02	24.80					
#1	7.197	-1.268					
#2	11.07	-1.807					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1183	--	--	--	--	--	--
SDev	6.300259	--	--	--	--	--	--
%RSD	.5323818	--	--	--	--	--	--
#1	1188	--	--	--	--	--	--
#2	1179	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32991-K-2-A Operator:
Run Time: 11/10/11 17:37:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	41.09	-4.420	1.560	5.950	.4156	.1467	3139.
SDev	14.54	1.482	.296	.012	.0116	.1331	7.
%RSD	35.39	33.53	18.96	.2020	2.789	90.76	.2254
#1	30.81	-5.468	1.769	5.942	.4238	.2408	3144.
#2	51.37	-3.372	1.351	5.959	.4074	.0525	3134.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4574	1.083	5.976	121.4	535.1	7.823	.8541
SDev	.1651	.166	.522	14.7	5.0	.025	.8329
%RSD	36.09	15.32	8.740	12.07	.9410	.3162	97.52
#1	.5741	1.201	5.607	131.7	538.6	7.841	1.443
#2	.3407	.9661	6.345	111.0	531.5	7.806	.2652
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	184.7	.9293	-2.057	-3.495	1848.	.1892	1.284
SDev	7.2	.1602	.612	.699	69.	3.835	.277

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%RSD	3.919	17.24	29.76	20.01	3.720	2027.	21.60
#1	189.8	.8160	-2.490	-3.989	1799.	-2.523	1.480
#2	179.6	1.043	-1.624	-3.000	1897.	2.901	1.088
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	209.3	6.643	-.2382	-.5213	5.711	-8.969	1.391
SDev	1.7	.238	1.3107	.1039	.264	5.483	1.821
%RSD	.8249	3.579	550.3	19.94	4.625	61.13	130.9
#1	210.6	6.475	.6886	-.5948	5.524	-12.85	2.679
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#2	208.1	6.811	-1.165	-.4478	5.897	-5.092	.1035
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.2818	-5.389					
SDev	3.195	.547					
%RSD	1134.	10.15					
#1	-1.977	-5.002					
#2	2.541	-5.775					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1195	--	--	--	--	--	--
SDev	2.418250	--	--	--	--	--	--
%RSD	.2023378	--	--	--	--	--	--
#1	1197	--	--	--	--	--	--
#2	1193	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33014-A-1-B@5 Operator:
Run Time: 11/10/11 17:43:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	1962.	.1635	7.195	126.1	.8254	.7806	14000.
SDev	220.	.8823	.521	12.3	.0384	.3239	1447.
%RSD	11.19	539.7	7.241	9.762	4.650	41.50	10.34
#1	1806.	-.4604	7.564	117.4	.7983	.5516	12980.
#2	2117.	.7874	6.827	134.8	.8525	1.010	15020.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	321.0	13.75	427.1	90130.	4419.	793.8	419.7
SDev	32.5	1.79	41.3	9283.	443.	81.5	50.6
%RSD	10.12	13.00	9.675	10.30	10.02	10.27	12.07
#1	298.1	12.48	397.8	83570.	4106.	736.2	383.9
#2	344.0	15.01	456.3	96700.	4732.	851.4	455.5

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2174.	1.314	54.68	-1.687	H439500.	-1.430	7.746
SDev	321.	.400	6.98	1.435	36983.	.757	1.137
%RSD	14.76	30.45	12.77	85.07	8.415	52.92	14.68

#1	1947.	1.031	49.74	-.6723	H413300.	-1.965	6.942
#2	2401.	1.597	59.62	-2.702	H465600.	-.8948	8.549

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1155.	54.76	226.3	22.37	96.52	57.80	53.12
SDev	140.	6.92	30.0	4.69	9.59	2.99	8.97
%RSD	12.09	12.63	13.27	20.98	9.938	5.180	16.89

#1	1057.	49.87	205.1	19.05	89.74	55.69	46.77
#2	1254.	59.65	247.6	25.69	103.3	59.92	59.46

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	12.92	-8.989
SDev	4.23	.039
%RSD	32.75	.4305

#1	15.91	-8.962	••Analysis Report
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#2	9.928	-9.017

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1118	--	--	--	--	--	--
SDev	26.09226	--	--	--	--	--	--
%RSD	2.334439	--	--	--	--	--	--

#1	1136	--	--	--	--	--	--
#2	1099	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33058-B-1-B Operator:
Run Time: 11/10/11 17:50:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-36.71	3.695	2.507	35.45	.3209	.2282	61110.
SDev	16.95	.205	1.526	.15	.0224	.2269	64.
%RSD	46.16	5.545	60.87	.4252	6.970	99.43	.1052

#1	-48.70	3.550	3.586	35.34	.3051	.3886	61150.
#2	-24.73	3.839	1.428	35.55	.3367	.0678	61060.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	25.08	.3957	17.85	58.59	4700.	1.637	928.9
SDev	.24	.0900	.09	3.84	7.	.004	2.2

%RSD	.9503	22.74	.4997	6.553	92368v1 .1461	.2726	.2339
#1	24.91	.3321	17.92	61.31	4704.	1.634	930.5
#2	25.25	.4593	17.79	55.88	4695.	1.640	927.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27440.	.8916	-1.769	.3082	H1494000.	.5488	.3230
SDev	71.	.1402	.345	.5004	1018.	2.459	.1524
%RSD	.2596	15.73	19.52	162.4	.0681	448.1	47.20
#1	27490.	.9908	-1.524	-.0457	H1495000.	-1.190	.2152
#2	27390.	.7925	-2.013	.6620	H1493000.	2.287	.4308

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.39	H69800.	9.737	1.865	-.0477	-6.321	.5013
SDev	.28	.140.	.321	.975	.1134	2.843	1.939
%RSD	2.426	.2013	3.302	52.28	237.8	44.98	386.8
#1	11.19	H69900.	9.510	2.555	.0325	-8.331	1.872
#2	11.58	H69700.	9.965	1.176	-.1278	-4.310	-.8697
Errors	LC Pass	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	11.94	-5.507					
SDev	7.72	3.104					
%RSD	64.67	56.36					
#1	6.478	-3.312					
#2	17.40	-7.702					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1088	--	--	--	--	--	--
SDev	2.227404	--	--	--	--	--	--
%RSD	.2046550	--	--	--	--	--	--
#1	1090	--	--	--	--	--	--
#2	1087	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33108-H-1-A Operator:
Run Time: 11/10/11 17:56:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1141.	-4.276	.9357	370.6	1.051	.0664	60550.
SDev	13.	2.732	2.150	.7	.002	.0478	518.
%RSD	1.179	63.91	229.8	.1974	.1480	71.96	.8560
#1	1131.	-6.208	-.5846	371.1	1.050	.0326	60910.
#2	1150.	-2.344	2.456	370.1	1.052	.1003	60180.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

Low	-200.0	-10.00	-10.00	-20.00	92368v1 -5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	.2025	9.049	10.49	3853.	13870.	905.6	14.18	
SDev	.0909	.109	.31	20.	64.	6.3	.76	
%RSD	44.87	1.200	2.925	.5202	.4651	.6998	5.332	
#1	.2667	8.973	10.27	3867.	13910.	910.1	14.71	
#2	.1382	9.126	10.70	3839.	13820.	901.1	13.64	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	9224.	1.326	1.124	-1.494	10690.	-.7387	2.361	
SDev	4.	.374	.797	.055	161.	2.1726	.068	
%RSD	.0438	28.18	70.90	3.652	1.508	294.1	2.874	
#1	9221.	1.062	.5604	-1.456	10800.	-2.275	2.409	
#2	9227.	1.590	1.687	-1.533	10580.	.7976	2.313	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	28.26	154.6	-2.031	-.5319	21.91	-4.207	3.783	
SDev	.58	17.4	1.117	2.5036	1.34	1.280	.558	
%RSD	2.037	11.24	54.99	470.7	6.102	30.42	14.74	
#1	28.66	166.9	-1.241	1.238	20.96	-5.112	3.389	••Analysis Report
		11/10/11 06:02:39 PM		page 6				
#2	27.85	142.3	-2.821	-2.302	22.85	-3.302	4.177	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	3.438	-3.966						
SDev	.199	.018						
%RSD	5.793	.4432						
#1	3.578	-3.978						
#2	3.297	-3.953						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1174	--	--	--	--	--	--	
SDev	3.882009	--	--	--	--	--	--	
%RSD	.3305497	--	--	--	--	--	--	
#1	1177	--	--	--	--	--	--	
#2	1172	--	--	--	--	--	--	

Method: SW846 Sample Name: 460-33108-H-2-A Operator:
Run Time: 11/10/11 18:02:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	••Analysis Report
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
		11/10/11 06:08:47 PM			page 8			
Avge	2576.	-4.448	2.514	61.40	.4835	.2656	16430.	

SDev	16.	.863	2.474	.26	92368v1 .0144	.1387	23.
%RSD	.6112	19.40	98.40	.4244	2.974	52.22	.1396
#1	2565.	-3.838	4.263	61.22	.4734	.1675	16420.
#2	2588.	-5.058	.7649	61.58	.4937	.3637	16450.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.480	1.431	7.423	5187.	4056.	266.2	7.575
SDev	.583	.417	.055	9.	4.	.8	.117
%RSD	23.52	29.14	.7387	.1810	.0992	.3002	1.547
#1	2.067	1.137	7.384	5181.	4054.	265.6	7.658
#2	2.892	1.726	7.462	5194.	4059.	266.8	7.492
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9941.	.8865	2.476	-.8294	4631.	.1810	4.634
SDev	34.	.1387	.682	.7055	24.	4.383	.249
%RSD	.3379	15.64	27.55	85.07	.5269	2422.	5.372
#1	9917.	.7884	2.959	-1.328	4649.	3.280	4.810
#2	9965.	.9845	1.994	-.3305	4614.	-2.918	4.458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.585	75.57	-.9438	.5309	33.53	-1.853	4.634
SDev	.092	6.09	.6021	2.112	.16	.060	1.053
%RSD	.9617	8.054	63.80	397.8	.4901	3.247	22.73
#1	9.650	79.87	-1.369	2.024	33.41	-1.895	5.378
#2	9.520	71.26	-.5180	-.9624	33.64	-1.810	3.889
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.104	-4.299					
SDev	4.134	3.122					
%RSD	67.73	72.60					

#1 9.027 -6.507 ••Analysis Report

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#2 3.181 -2.092

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1192	--	--	--	--	--	--
SDev	5.059370	--	--	--	--	--	--
%RSD	.4244981	--	--	--	--	--	--
#1	1195	--	--	--	--	--	--
#2	1188	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33108-H-3-A Operator:
Run Time: 11/10/11 18:08:50
Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	178.9	-5.237	1.901	413.2	.8902	.0238	53110.
SDev	15.7	.348	.743	1.4	.0181	.0091	62.
%RSD	8.794	6.649	39.09	.3366	2.037	38.07	.1176
#1	167.8	-5.483	2.427	412.2	.8773	.0302	53150.
#2	190.0	-4.990	1.376	414.2	.9030	.0174	53060.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-.8345	36.88	15.87	55810.	23200.	924.4	30.22

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SDev	.4807	.09	.28	35.	86.	.2	.31
%RSD	57.61	.2532	1.743	.0632	.3699	.0183	1.033
#1	-1.174	36.81	16.06	55790.	23130.	924.2	30.00
#2	-.4945	36.95	15.67	55840.	23260.	924.5	30.44

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	5562.	1.337	.6263	-2.635	77380.	-3.359	.3111
SDev	17.	.159	.4712	2.199	271.	2.665	.0577
%RSD	.3138	11.91	75.24	83.45	.3502	79.35	18.55
#1	5550.	1.450	.2931	-1.080	77190.	-1.474	.3519
#2	5574.	1.225	.9595	-4.190	77570.	-5.243	.2703

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	38.17	42.50	-1.422	.0953	2.090	-4.856	3.360
SDev	.32	1.58	.048	3.656	.072	1.723	.154
%RSD	.8492	3.729	3.376	3838.	3.423	35.49	4.583
#1	38.40	43.62	-1.456	-2.490	2.141	-6.075	3.468
#2	37.94	41.38	-1.388	2.681	2.040	-3.637	3.251

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avg	3.803	-5.858
SDev	3.869	1.365
%RSD	101.7	23.31

#1	6.539	-4.893
#2	1.068	-6.824

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1170	--	--	--	--	--	--
SDev	5.791249	--	--	--	--	--	--
%RSD	.4950928	--	--	--	--	--	--

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#1	1174	--	--	--	--	--	--
#2	1166	--	--	--	--	--	--
Method: SW846		Sample Name: 460-33108-H-4-A			Operator:		
Run Time: 11/10/11		18:14:59					
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-34.98	-5.655	2.183	380.6	.4102	-.3857	66870.
SDev	4.51	.060	.578	1.8	.0192	.0436	32.
%RSD	12.88	1.065	26.48	.4615	4.683	11.31	.0479
#1	-38.17	-5.698	1.775	381.9	.3966	-.4166	66890.
#2	-31.79	-5.612	2.592	379.4	.4238	-.3549	66850.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.123	1.655	2.811	30710.	28210.	429.8	2.432
SDev	.242	.000	.386	41.	78.	.5	.074
%RSD	21.59	.0029	13.73	.1329	.2764	.1062	3.038
#1	-1.295	1.655	2.538	30740.	28270.	430.1	2.485
#2	-.9516	1.655	3.083	30680.	28160.	429.5	2.380
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3875.	1.085	-1.974	.2249	56310.	1.796	.0990
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SDev	6.	.864	.449	1.078	172.	4.133	.0032
%RSD	.1494	79.66	22.77	479.3	.3052	230.1	3.282
#1	3879.	.4739	-2.292	.9873	56430.	-1.126	.0967
#2	3871.	1.696	-1.656	-.5374	56190.	4.719	.1013
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.29	34.25	-2.212	-.0121	.0626	-5.953	.0083
SDev	.38	1.53	.304	.2507	.0789	.056	.6460
%RSD	1.877	4.454	13.73	2063.	126.1	.9395	7754.
#1	20.02	35.33	-2.426	.1651	.0068	-5.993	-.4485
#2	20.56	33.17	-1.997	-.1894	.1184	-5.914	.4651
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	14.52	-6.921					
SDev	2.58	.331					
%RSD	17.74	4.777					
#1	16.34	-6.687					
#2	12.70	-7.154					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1155	--	--	--	--	--	--
SDev	.1909327	--	--	--	--	--	--
%RSD	.0165250	--	--	--	--	--	--
#1	1155	--	--	--	--	--	--
#2	1156	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 18:21:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124400.	991.1	4889.	9671.	963.1	2510.	121000.
SDev	485.	1.3	7.	31.	1.8	5.	436.
%RSD	.3903	.1322	.1506	.3221	.1874	.1852	.3603

#1	124000.	990.1	4895.	9649.	964.4	2513.	121300.
#2	124700.	992.0	4884.	9693.	961.8	2507.	120700.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4899.	2427.	12550.	95530.	125400.	4988.	2502.
SDev	12.	3.	58.	282.	424.	8.	3.
%RSD	.2519	.1433	.4600	.2955	.3381	.1631	.1303

#1	4908.	2429.	12510.	95730.	125100.	4993.	2504.
#2	4891.	2424.	12590.	95330.	125700.	4982.	2499.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47060.	1225.	10100.	4981.	118600.	4995.	2456.
SDev	50.	1.	25.	.	472.	1.	1.
%RSD	.1061	.0807	.2465	.0016	.3983	.0291	.0378

#1	47100.	1224.	10080.	4981.	118300.	4996.	2457.
#2	47020.	1225.	10120.	4981.	118900.	4994.	2456.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	2445.	1036.	2479.	960.7	9744.	10130.	10090.
SDev	6.	1.	2.	.0	5.	80.	3.
%RSD	.2478	.1032	.0774	.0050	.0550	.7906	.0263

#1	2449.	1037.	2478.	960.7	9740.	10070.	10090.
#2	2441.	1036.	2480.	960.7	9748.	10180.	10080.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5064.	4939.
SDev	35.	18.
%RSD	.6931	.3572

#1	5039.	4952.

#2	5089.	4927.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1114	--	--	--	--	--	--
SDev	3.882009	--	--	--	--	--	--
%RSD	.3485248	--	--	--	--	--	--
#1	1111	--	--	--	--	--	--
#2	1117	--	--	--	--	--	--

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Method: SW846 Sample Name: CCB
 Run Time: 11/10/11 18:27:16
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-20.11	-3.704	1.114	.3136	.5274	.3284	5.104
SDev	23.84	.777	.174	.0006	.0388	.0648	6.104
%RSD	118.6	20.97	15.60	.1843	7.356	19.74	119.6

#1	-36.97	-3.155	.9912	.3131	.5549	.2826	9.421
#2	-3.253	-4.253	1.237	.3140	.5000	.3743	.7882

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5019	.5643	4.446	16.61	5.762	.4415	-.0108
SDev	.1661	.4164	.483	1.17	1.637	.1236	.1464
%RSD	33.10	73.80	10.87	7.037	28.41	27.99	1355.

#1	.6194	.2699	4.787	15.78	6.920	.5289	.0927
#2	.3844	.8588	4.104	17.44	4.605	.3541	-.1143

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-59.55	.6117	-.0875	-1.682	-176.2	5.206	.5788
SDev	.88	.8189	.1580	1.740	110.9	1.460	.0681
%RSD	1.471	133.9	180.6	103.5	62.95	28.04	11.76

#1	-60.17	.0327	-.1992	-2.912	-254.6	6.238	.5307
#2	-58.93	1.191	.0242	-.4514	-97.75	4.173	.6270

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1512	6.997	.6069	-.8528	1.275	-2.207	.9667
SDev	.6662	.558	.2905	2.8977	.331	1.364	.4441
%RSD	440.6	7.975	47.87	339.8	25.99	61.81	45.94

#1	.6223	7.392	.8123	-2.902	1.509	-3.171	1.281
#2	-.3199	6.603	.4014	1.196	1.040	-1.242	.6527

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2	••Analysis Report
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Units	ppb	ppb
Avge	-1.854	-1.604
SDev	.338	2.440
%RSD	18.24	152.1

#1	-2.094	-3.330
#2	-1.615	.1207

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1188	--	--	--	--	--	--
SDev	2.259168	--	--	--	--	--	--
%RSD	.1901548	--	--	--	--	--	--
#1	1190	--	--	--	--	--	--
#2	1186	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-92368/1-A Operator:

Run Time: 11/10/11 18:33:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-54.67	-3.884	1.709	.0097	.4773	.0776	-7.419
SDev	17.96	2.713	1.721	.0000	.0199	.0110	.366
%RSD	32.85	69.86	100.7	.0000	4.169	14.18	4.930

#1	-67.37	-1.965	.4925	.0097	.4633	.0698	-7.160
#2	-41.97	-5.802	2.926	.0097	.4914	.0854	-7.678

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0582	.4368	3.396	5.026	-1.844	.0081	-.6309
SDev	.6538	.5952	1.016	4.223	7.520	.0006	.0952
%RSD	1123.	136.3	29.92	84.02	407.8	7.502	15.08

#1	-.5205	.0159	4.114	2.040	3.474	.0076	-.6981
#2	.4041	.8576	2.677	8.012	-7.162	.0085	-.5636

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-41.18	.4840	-1.205	-.1619	-164.1	.7301	.5876
SDev	.04	.3232	.423	.8439	35.1	4.530	.2084
%RSD	.0908	66.78	35.08	521.3	21.42	620.4	35.46

#1	-41.16	.2554	-.9059	-.7586	-188.9	3.933	.4402
#2	-41.21	.7125	-1.504	.4348	-139.2	-2.473	.7349

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2475	6.068	-.4157	-.2792	.2884	-1.756	-.9336
SDev	.0044	.577	.3446	.9716	.1299	.833	.2178
%RSD	1.765	9.511	82.90	348.0	45.04	47.45	23.33

#1	-.2506	6.476	-.1720	.4078	.1966	-1.167	-.7796
#2	-.2444	5.660	-.6594	-.9663	.3803	-2.344	-1.088

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	30.00	50.00	20.00	50.00	92368v1 20.00
Low	-30.00	-50.00	-20.00	-50.00	-20.00
Elem	1960/1	1960/2			
Units	ppb	ppb			
Avge	3.438	-1.968			
SDev	.285	1.408			
%RSD	8.297	71.51			
#1	3.640	-2.964			
#2	3.237	-.9730			
Errors	NOCHECK	NOCHECK			
High					
Low					

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1162	--	--	--	--	--	--
SDev	1.336442	--	--	--	--	--	--
%RSD	.1149776	--	--	--	--	--	--
#1	1163	--	--	--	--	--	--
#2	1161	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33108-H-5-A Operator:
Run Time: 11/10/11 18:39:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-26.58	-3.384	1.968	-.0913	.4264	.0421	-2.846
SDev	17.99	1.283	2.171	.1427	.0081	.0673	.508
%RSD	67.69	37.93	110.3	156.4	1.908	159.7	17.86
#1	-39.30	-2.476	3.503	-.1922	.4321	-.0054	-2.487
#2	-13.86	-4.291	.4324	.0097	.4206	.0897	-3.206
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2138	.6262	2.639	-1.132	-8.153	-.1497	.5676
SDev	.1680	.4979	.256	1.156	3.900	.1246	.1434
%RSD	78.60	79.52	9.698	102.1	47.84	83.26	25.26
#1	.3326	.2741	2.820	-1.949	-5.395	-.2378	.4662
#2	.0950	.9783	2.458	-.3146	-10.91	-.0616	.6690

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-77.41	.7037	-1.879	-.8084	-327.1	1.383	.0399
SDev	1.73	.6256	.827	.2483	13.0	.347	.0071
%RSD	2.241	88.90	44.02	30.72	3.962	25.12	17.83
#1	-76.18	.2613	-2.464	-.6328	-317.9	1.629	.0349
#2	-78.64	1.146	-1.294	-.9840	-336.2	1.137	.0450
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.190	4.570	-.5253	-.2727	.2650	-3.860	-.8930

SDev	1.115	.796	1.1631	.3526	92368v1 .0768	2.389	.0460
%RSD	93.68	17.42	221.4	129.3	28.98	61.88	5.154
#1	.4017	5.133	-1.348	-.5220	.2107	-5.549	-.9255
#2	1.978	4.007	.2972	-.0233	.3193	-2.171	-.8604
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	9.356	-5.892					
SDev	1.482	.368					
%RSD	15.84	6.242					
#1	10.40	-6.152					
#2	8.308	-5.632					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1193	--	--	--	--	--	--
SDev	.8591106	--	--	--	--	--	--
%RSD	.0720224	--	--	--	--	--	--
#1	1192	--	--	--	--	--	--
#2	1193	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-E-2-B Operator:
Run Time: 11/10/11 18:45:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-34.85	-4.068	.8443	.1143	.4592	.1666	14.67
SDev	11.72	1.698	.4173	.1479	.0094	.0924	.44
%RSD	33.63	41.73	49.42	129.4	2.045	55.50	3.021
#1	-43.14	-2.868	.5493	.0097	.4658	.1012	14.99
#2	-26.57	-5.268	1.139	.2188	.4525	.2319	14.36
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0685	.3096	4.859	4.962	-.4934	-.0182	-1.315
SDev	.2084	.0859	.128	5.575	2.3459	.1292	.149
%RSD	304.3	27.76	2.625	112.4	475.5	708.7	11.30
#1	-.0789	.3704	4.949	1.020	1.165	.0731	-1.210
#2	.2159	.2488	4.769	8.904	-2.152	-.1096	-1.420
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-41.41	.8575	-.9482	-4.925	109.5	-.7437	.5463
SDev	3.45	.0355	.9233	1.219	21.6	1.1941	.1441
%RSD	8.332	4.141	97.38	24.76	19.77	160.6	26.38
#1	-38.97	.8324	-.2953	-4.063	124.8	.1007	.6483
#2	-43.85	.8826	-1.601	L-5.788	94.17	-1.588	.4444

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

92368v1							
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6623	8.404	-.0282	1.071	.1901	-2.559	-.1480
SDev	.6172	.060	.4282	.840	.1057	3.220	.2235
%RSD	93.19	.7148	1519.	78.46	55.62	125.9	151.0
#1	1.099	8.361	.2746	.4767	.2648	-.2815	-.3061
#2	.2259	8.446	-.3309	1.665	.1153	-4.836	.0100
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-6.252	-4.272					
SDev	3.026	.317					
%RSD	48.41	7.426					
#1	-4.112	-4.048					
#2	-8.392	-4.497					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1151	--	--	--	--	--	--
SDev	.2227835	--	--	--	--	--	--
%RSD	.0193574	--	--	--	--	--	--
#1	1151	--	--	--	--	--	--
#2	1151	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-E-3-B Operator:
Run Time: 11/10/11 18:51:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	583.6	-3.551	5.843	123.4	.4162	.0659	104300.
SDev	27.8	.331	.188	.0	.0099	.1382	83.
%RSD	4.758	9.329	3.210	.0140	2.373	209.6	.0793
#1	563.9	-3.317	5.976	123.4	.4092	-.0318	104300.
#2	603.2	-3.786	5.711	123.4	.4232	.1636	104400.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7332	.3422	2.936	82.99	102.0	.9397	19.29
SDev	.1044	.0001	.130	2.49	5.6	.0003	.20
%RSD	14.24	.0220	4.422	3.001	5.515	.0297	1.047
#1	-.8070	.3421	3.027	84.75	106.0	.9395	19.15
#2	-.6593	.3422	2.844	81.23	98.04	.9399	19.44
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7562.	.4010	.6156	-.4219	227500.	-1.350	18.85
SDev	4.	.0777	.2806	.7522	237.	5.823	.14
%RSD	.0487	19.37	45.59	178.3	.1041	431.5	.7451
#1	7564.	.4559	.4171	-.9538	227300.	-5.467	18.95

					92368v1		
#2	7559.	.3461	.8140	.1099	227700.	2.768	18.75
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.701	12.78	16.98	.7186	2.692	-.5893	1.213
SDev	.626	.06	.04	.6798	.080	2.5013	.828
%RSD	23.18	.4515	.2530	94.61	2.964	424.5	68.25
#1	2.258	12.82	17.01	.2378	2.749	-2.358	1.799
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#2	3.144	12.74	16.95	1.199	2.636	1.179	.6276
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.564	-1.422					
SDev	3.165	.453					
%RSD	202.4	31.82					
#1	-.6746	-1.102					
#2	3.802	-1.743					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1138	--	--	--	--	--	--
SDev	.1590818	--	--	--	--	--	--
%RSD	.0139754	--	--	--	--	--	--
#1	1138	--	--	--	--	--	--
#2	1138	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-E-4-B Operator:
Run Time: 11/10/11 18:57:59
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
		11/10/11 07:04:05 PM					
Avge	13130.	-3.736	3.958	138.9	1.877	-.1951	12930.
SDev	28.	.087	1.143	.3	.006	.1992	26.
%RSD	.2135	2.336	28.88	.2265	.3204	102.1	.2002
#1	13110.	-3.798	3.150	138.7	1.873	-.3359	12910.
#2	13150.	-3.675	4.766	139.2	1.881	-.0542	12950.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.94	25.69	19.04	10070.	8990.	326.6	27.19
SDev	.07	.02	.44	15.	9.	1.5	.29
%RSD	.1913	.0593	2.332	.1530	.0988	.4442	1.053
#1	36.89	25.70	18.72	10060.	8983.	325.6	27.39
#2	36.99	25.68	19.35	10080.	8996.	327.6	26.99
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

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Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2257.	.8732	8.432	-.2130	23380.	-3.305	32.10
SDev	5.	.0807	.277	1.2360	1.	1.228	.02
%RSD	.2195	9.239	3.289	580.4	.0049	37.17	.0642

#1	2254.	.8162	8.236	-1.087	23380.	-4.173	32.08
#2	2261.	.9303	8.628	.6610	23390.	-2.436	32.11

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	69.25	6.576	.5549	3.561	641.5	6.223	9.532
SDev	.73	.244	.1027	.103	2.2	.167	.334
%RSD	1.048	3.705	18.50	2.890	.3373	2.676	3.508

#1	68.73	6.404	.6275	3.634	639.9	6.106	9.296
#2	69.76	6.748	.4823	3.488	643.0	6.341	9.769

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.9120	-.7834
SDev	1.551	1.0789
%RSD	170.0	137.7

#1	-.1845	-1.546	••Analysis Report

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#2	2.008	-.0206

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1191	--	--	--	--	--	--
SDev	3.309298	--	--	--	--	--	--
%RSD	.2779497	--	--	--	--	--	--

#1	1193	--	--	--	--	--	--
#2	1188	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33431-E-1-B Operator:

Run Time: 11/10/11 19:04:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-15.97	-3.060	1.786	414.7	.4497	-.1980	52880.
SDev	22.84	1.715	2.286	10.2	.0049	.0394	1390.
%RSD	143.0	56.04	127.9	2.466	1.099	19.90	2.628

#1	-32.12	-4.272	3.403	407.5	.4532	-.1702	51900.
#2	.1832	-1.847	.1703	421.9	.4462	-.2259	53870.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8319	-.5704	2.703	5.116	17330.	20.27	-.4744

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SDev	.0578	.1150	.797	1.957	397.	.49	.2527

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%RSD	6.943	20.15	29.48	38.25	92368v1 2.289	2.411	53.27
#1	-.8728	-.4891	2.140	6.500	17050.	19.92	-.6530
#2	-.7911	-.6517	3.267	3.732	17610.	20.61	-.2957
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	897.1	.6441	1.236	-.3611	8408.	-2.288	5.173
SDev	45.0	.2788	.114	.5544	167.	.150	.104
%RSD	5.017	43.28	9.233	153.5	1.989	6.552	2.008
#1	865.3	.8413	1.316	-.7531	8290.	-2.182	5.100
#2	928.9	.4470	1.155	.0309	8526.	-2.394	5.247
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	12.07	40.69	3.133	-.6676	-.1297	.7599	1.469
SDev	.31	.21	.283	.4545	.0698	2.726	1.190
%RSD	2.578	.5076	9.023	68.08	53.81	358.7	80.98
#1	11.85	40.54	2.933	-.9889	-.0804	2.688	.6279
#2	12.29	40.83	3.332	-.3462	-.1791	-1.168	2.311
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avg	.0578	-.5791					
SDev	.5965	.5332					
%RSD	1033.	92.07					
#1	-.3640	-.9562					
#2	.4795	-.2021					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1172	--	--	--	--	--	--
SDev	22.94204	--	--	--	--	--	--
%RSD	1.958109	--	--	--	--	--	--

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#1	1188	--	--	--	--	--	--
#2	1155	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33214-C-10-B Operator:
Run Time: 11/10/11 19:10:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-30.15	-4.169	2.284	292.1	.4479	-.1952	50690.
SDev	14.55	1.781	.512	.1	.0028	.1543	56.
%RSD	48.27	42.72	22.42	.0226	.6246	79.01	.1112
#1	-40.45	-2.910	2.646	292.1	.4499	-.3043	50650.
#2	-19.86	-5.428	1.922	292.2	.4459	-.0862	50730.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

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Low	-200.0	-10.00	-10.00	-20.00	92368v1 -5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.0356	.0875	2.954	22.89	19430.	85.59	-.0096
SDev	.3835	.1724	.000	.02	24.	.00	.2226
%RSD	1076.	197.0	.0079	.0686	.1238	.0032	2330.
#1	.2356	-.0344	2.954	22.90	19410.	85.59	-.1669
#2	-.3068	.2093	2.954	22.88	19450.	85.59	.1478
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1207.	.5368	3.003	-.6223	11020.	-4.737	7.067

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SDev	1.	.3768	1.020	2.3915	39.	1.663	.138
%RSD	.1243	70.21	33.97	384.3	.3515	35.11	1.954
#1	1206.	.8032	2.281	1.069	10990.	-3.561	7.165
#2	1208.	.2703	3.724	-2.313	11050.	-5.913	6.970
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.46	104.1	.8863	-.5561	-.3161	1.780	3.609
SDev	.70	.7	.6101	.7297	.0266	.630	1.844
%RSD	3.578	.6753	68.84	131.2	8.404	35.38	51.09
#1	18.96	103.6	.4549	-1.072	-.3349	2.225	2.305
#2	19.95	104.6	1.318	-.0401	-.2974	1.335	4.913
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.123	-1.503					
SDev	3.581	1.798					
%RSD	318.9	119.6					
#1	3.655	-.2316					
#2	-1.409	-2.774					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	.0318509	--	--	--	--	--	--
%RSD	.0027737	--	--	--	--	--	--
#1	1148	--	--	--	--	--	--
#2	1148	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33188-J-1-A Operator:
Run Time: 11/10/11 19:16:25
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-34.43	-3.698	.5415	-.1459	.4495	.0220	.2603
SDev	20.25	.859	2.728	.0730	.0025	.0726	.2486
%RSD	58.81	23.22	503.8	50.04	.5653	330.2	95.52

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#1	-48.75	-3.091	2.470	-.1976	.4477	.0733	.4361
#2	-20.12	-4.306	-1.387	-.0943	.4513	-.0293	.0845

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3329	.1339	3.145	6.770	2.957	-.0211	.1095
SDev	.3811	.0021	.108	.601	.372	.0437	.7560
%RSD	114.5	1.551	3.433	8.884	12.60	206.8	690.4

#1	.0633	.1354	3.222	6.344	3.220	-.0521	-.4251
#2	.6024	.1324	3.069	7.195	2.694	.0098	.6441

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-58.12	.7476	.2904	-1.536	-49.31	-.5558	.5885
SDev	2.78	.2491	.3397	.755	50.30	2.5387	.0708
%RSD	4.781	33.33	117.0	49.17	102.0	456.8	12.04

#1	-56.16	.9237	.5307	-1.002	-84.88	1.239	.6386
#2	-60.09	.5714	.0502	-2.070	-13.75	-2.351	.5385

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

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Avge	.6832	6.782	-.5077	.6026	-.0093	-1.544	1.202
SDev	.3726	.044	.3441	.5541	.0242	.332	.675
%RSD	54.54	.6495	67.78	91.96	260.5	21.52	56.16

#1	.9467	6.814	-.2644	.2107	-.0264	-1.779	1.680
#2	.4198	6.751	-.7510	.9944	.0078	-1.309	.7249

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.455	-1.586
SDev	.228	1.246
%RSD	15.68	78.60

#1	-1.616	-.7044
#2	-1.294	-2.467

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1159	--	--	--	--	--	--
SDev	2.768351	--	--	--	--	--	--
%RSD	.2387646	--	--	--	--	--	--

#1	1161	--	--	--	--	--	--
#2	1157	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33188-H-7-A Operator:
Run Time: 11/10/11 19:22:33
Comment:
Mode: CONC Corr. Factor: 1

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-50.77	-3.554	.6010	-.0421	.4767	-.1130	-2.828
SDev	.54	.182	2.185	.0732	.0167	.1381	.447
%RSD	1.069	5.111	363.6	173.9	3.501	122.2	15.82

#1	-50.39	-3.425	2.146	-.0939	.4649	-.2107	-2.511
#2	-51.16	-3.682	-.9443	.0097	.4885	-.0154	-3.144

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0632	-.0452	2.585	-2.733	-8.748	-.0218	-.2172
SDev	.7569	.5962	.386	.671	.436	.0427	.4404
%RSD	1197.	1320.	14.94	24.54	4.981	196.1	202.8

#1	-.4720	-.4667	2.311	-2.259	-9.056	.0084	.0942
#2	.5984	.3764	2.858	-3.207	-8.440	-.0519	-.5286

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-62.51	.5299	-.1564	-1.791	-119.8	-5.486	.1874
SDev	5.69	.4835	.3909	3.471	80.5	.356	.0705
%RSD	9.102	91.26	249.8	193.8	67.21	6.493	37.62

#1	-66.53	.1880	-.4328	.6631	-176.7	-5.738	.1375
#2	-58.48	.8718	.1199	-4.246	-62.85	-5.234	.2372

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8915	6.278	-1.165	-.5536	-.0262	.0646	-.2707
SDev	.6881	.525	.067	1.6912	.0520	1.414	.1200
%RSD	77.18	8.355	5.761	305.5	198.3	2190.	44.32

#1	1.378	6.649	-1.212	-1.749	-.0630	-.9353	-.1858
#2	.4050	5.907	-1.118	.6422	.0105	1.064	-.3555

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2	••Analysis Report				
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Units	ppb	ppb
Avge	-3.348	-1.023
SDev	.386	5.011
%RSD	11.53	489.6

#1	-3.075	2.520
#2	-3.621	-4.567

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1162	--	--	--	--	--	--
SDev	.1590818	--	--	--	--	--	--
%RSD	.0136944	--	--	--	--	--	--

#1	1162	--	--	--	--	--	--
#2	1162	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33188-R-12-A Operator:
 Run Time: 11/10/11 19:28:41
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-39.14	-3.862	.7513	.0610	.4862	-.0007	23.24
SDev	13.27	1.555	.9096	.0725	.0070	.2036	1.04
%RSD	33.91	40.27	121.1	119.0	1.446	30220.	4.466
#1	-48.53	-4.962	1.395	.1123	.4813	.1433	23.98
#2	-29.76	-2.762	.1081	.0097	.4912	-.1446	22.51

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.3972	.5588	3.435	2.024	3.575	.0656	-.6894
SDev	.2005	.2560	.593	6.118	.778	.0024	.6424
%RSD	50.48	45.81	17.27	302.3	21.77	3.683	93.18

#1	.5390	.7399	3.854	6.350	4.125	.0639	-.2352
#2	.2554	.3778	3.015	-2.302	3.025	.0673	-1.144

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-51.87	.4377	-.5232	-.7099	101.9	-4.262	.4859
SDev	.94	.3870	1.2655	1.3028	6.3	.821	.0647
%RSD	1.809	88.42	241.9	183.5	6.227	19.27	13.32

#1	-51.20	.7113	-1.418	.2113	106.4	-4.842	.5316
#2	-52.53	.1640	.3717	-1.631	97.43	-3.681	.4401

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-10000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.400	6.199	-.3433	.9388	.1623	-2.669	.5445
SDev	.202	.665	.3065	.3052	.0550	.973	1.411
%RSD	14.44	10.72	89.27	32.51	33.91	36.47	259.2

#1	1.543	6.670	-.5601	1.155	.2012	-3.358	-.4535
#2	1.257	5.729	-.1266	.7230	.1234	-1.981	1.542

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.818	-1.981
SDev	3.375	.268
%RSD	185.7	13.54

#1	4.204	-1.791
#2	-.5690	-2.170

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

					92368v1		
Wavlen	371.030	--	--	--	--	--	--
Avge	1169	--	--	--	--	--	--
SDev	5.854865	--	--	--	--	--	--
%RSD	.5008782	--	--	--	--	--	--
#1	1173	--	--	--	--	--	--
#2	1165	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 19:34:50
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123900.	984.4	4863.	9592.	955.0	2510.	119700.
SDev	319.	.2	2.	35.	2.3	.	113.
%RSD	.2578	.00177	.0339	.3663	.2359	.0074	.0948
#1	124200.	984.6	4862.	9617.	956.6	2510.	119800.
#2	123700.	984.3	4864.	9567.	953.4	2510.	119600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4867.	2410.	12550.	94690.	125200.	4961.	2494.
SDev	7.	6.	45.	257.	334.	6.	6.
%RSD	.1482	.2382	.3604	.2717	.2668	.1209	.2597
#1	4872.	2414.	12580.	94870.	125500.	4965.	2489.
#2	4861.	2406.	12520.	94510.	125000.	4957.	2498.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46830.	1217.	10090.	4963.	118300.	4999.	2445.
SDev	161.	3.	14.	12.	206.	13.	3.
%RSD	.3448	.2655	.1365	.2508	.1740	.2576	.1167
#1	46710.	1219.	10080.	4954.	118400.	4990.	2447.
#2	46940.	1215.	10100.	4972.	118100.	5008.	2443.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2432.	1026.	2467.	948.6	9697.	10020.	10120.
SDev	3.	2.	5.	.3	16.	26.	34.
%RSD	.1352	.1752	.1924	.0306	.1624	.2578	.3313
#1	2429.	1025.	2464.	948.8	9708.	10040.	10100.
#2	2434.	1027.	2470.	948.4	9686.	10000.	10140.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	5028.	4930.
SDev	5.	21.
%RSD	.0913	.4250
#1	5031.	4916.
#2	5024.	4945.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1126	--	--	--	--	--	--
SDev	.8272597	--	--	--	--	--	--
%RSD	.0734901	--	--	--	--	--	--
#1	1126	--	--	--	--	--	--
#2	1125	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/10/11 19:40:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-14.91	-3.104	.9385	.3149	.5818	.4127	4.733
SDev	19.65	1.555	3.254	.0001	.0370	.0138	3.853
%RSD	131.8	50.10	346.7	.0235	6.354	3.340	81.42

#1	-28.80	-4.203	-1.362	.3150	.6079	.4224	7.458
#2	-1.017	-2.004	3.239	.3149	.5556	.4029	2.008

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7694	.3254	4.758	17.92	13.68	.4750	.0337
SDev	.0672	.5867	.633	4.26	4.47	.1679	.3119
%RSD	8.737	180.3	13.30	23.78	32.68	35.34	925.8

#1	.7219	-.0895	5.206	20.94	16.84	.5938	.2543
#2	.8170	.7403	4.311	14.91	10.52	.3563	-.1869

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-49.93	.7717	.8198	.5197	-125.8	1.995	.4925
SDev	.20	.5475	.1821	.9372	55.5	3.180	.4883
%RSD	.4074	70.95	22.21	180.3	44.13	159.4	99.13

#1	-50.08	1.159	.6910	-.1430	-86.54	-.2532	.8378
#2	-49.79	.3845	.9485	1.182	-165.0	4.244	.1473

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6483	1.618	1.921	-.1721	1.241	-.8784	1.664
SDev	.1514	1.145	1.109	1.4966	.385	1.6803	.566
%RSD	23.36	70.77	57.73	869.5	31.05	191.3	34.01

#1	.7554	2.427	2.705	.8862	1.513	-2.067	2.064
#2	.5412	.8081	1.137	-1.230	.9685	.3098	1.264

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.699	-1.076
SDev	1.075	.868
%RSD	29.07	80.68

#1 2.938 -1.690
#2 4.459 -.4623

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1183	--	--	--	--	--	--
SDev	.2863990	--	--	--	--	--	--
%RSD	.0242145	--	--	--	--	--	--

#1	1183	--	--	--	--	--	--
#2	1183	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33190-A-2-A Operator:

Run Time: 11/10/11 19:47:08

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	227.0	-3.442	1.362	24.95	.4446	-.0290	16980.
SDev	24.6	.741	.313	.00	.0081	.0208	58.
%RSD	10.83	21.53	22.97	.0186	1.812	71.66	.3439

#1	209.6	-3.966	1.141	24.95	.4503	-.0143	16940.
#2	244.4	-2.918	1.583	24.95	.4389	-.0438	17030.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8775	-.4188	137.9	34.57	16090.	1.655	1.287
SDev	.2023	.6008	.7	1.72	87.	.122	.416
%RSD	23.06	143.5	.5114	4.963	.5435	7.392	32.28

#1	1.021	.0061	137.4	35.78	16030.	1.742	.9934
#2	.7344	-.8436	138.4	33.35	16150.	1.569	1.581

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1105.	.9686	.9468	-.4915	36000.	.5043	2.033
SDev	5.	.3304	1.077	1.7316	200.	2.277	.133
%RSD	.4559	34.11	113.8	352.3	.5555	451.5	6.521

#1	1101.	1.202	1.708	.7329	35860.	2.115	2.127
#2	1109.	.7350	.1850	-1.716	36140.	-1.106	1.939

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.35	41.92	1.191	1.170	3.100	-.5515	1.691
SDev	.57	.19	.143	2.859	.281	2.0902	.572
%RSD	4.983	.4507	12.02	244.3	9.052	379.0	33.80

#1	11.75	41.79	1.090	3.192	3.298	.9265	2.095	••Analysis Report

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#2	10.95	42.05	1.293	-.8513	2.901	-2.029	1.287

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.7910	-1.141
SDev	.4296	2.382
%RSD	54.32	208.8

#1	1.095	.5432
#2	.4872	-2.825

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1161	--	--	--	--	--	--
SDev	3.627461	--	--	--	--	--	--
%RSD	.3125761	--	--	--	--	--	--
#1	1163	--	--	--	--	--	--
#2	1158	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33425-B-1-A Operator:

Run Time: 11/10/11 19:53:17

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	••Analysis Report
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Avge	477.5	-3.360	2.543	531.3	2.486	.7626	71260.
SDev	14.3	1.348	2.489	1.2	.015	.0537	294.
%RSD	2.997	40.13	97.86	.2222	.6096	7.046	.4120

#1	467.4	-4.314	4.304	532.1	2.475	.8006	71050.
#2	487.6	-2.407	.7835	530.5	2.496	.7246	71470.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.413	40.84	3.434	242.3	66820.	1120.	49.18
SDev	.012	.11	.475	3.7	128.	5.	.62
%RSD	.2799	.2815	13.84	1.509	.1922	.4820	1.270

#1	4.404	40.92	3.098	244.9	66730.	1116.	48.73
#2	4.421	40.76	3.770	239.7	66910.	1124.	49.62

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4828.	.7623	.2166	.4100	240500.	.4323	.2407
SDev	19.	.0372	.0368	.8232	15.	1.054	.1878
%RSD	.3974	4.876	17.00	200.8	.0063	243.9	78.03

#1	4815.	.7360	.2427	-.1721	240500.	1.178	.1079
#2	4842.	.7886	.1906	.9921	240500.	-.3133	.3735

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	103.9	9.705	.2815	-.2888	4.163	-1.751	1.196
SDev	.6	.841	.3782	1.2707	.101	1.423	.766
%RSD	.5431	8.666	134.3	440.0	2.428	81.28	64.05

#1	103.5	10.30	.0141	.6097	4.091	-2.758	1.737
#2	104.3	9.111	.5489	-1.187	4.234	-.7449	.6542

92368v1

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	3.463	-1.122
SDev	1.970	.251
%RSD	56.88	22.34

#1	2.070	-1.300	••Analysis Report
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#2	4.856	-.9451

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1323	--	--	--	--	--	--
SDev	3.627461	--	--	--	--	--	--
%RSD	.2742032	--	--	--	--	--	--

#1	1325	--	--	--	--	--	--
#2	1320	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33425-B-2-A Operator:

Run Time: 11/10/11 19:59:26

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	450.0	-4.068	.4778	136.5	.4451	-.1167	28540.
SDev	13.4	.885	1.425	.4	.0058	.0530	92.
%RSD	2.974	21.75	298.3	.2640	1.309	45.40	.3214

#1	440.5	-3.443	-.5300	136.8	.4410	-.0792	28610.
#2	459.4	-4.694	1.486	136.3	.4492	-.1542	28480.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.5229	1.307	2.815	620.8	14780.	22.01	.8003

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SDev	.0998	.342	.160	10.9	52.	.08	1.006
%RSD	19.08	26.18	5.685	1.760	.3524	.3792	125.7

#1	.4524	1.065	2.928	628.5	14820.	22.06	1.511
#2	.5934	1.549	2.702	613.1	14750.	21.95	.0891

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6626.	.8921	.1753	-2.369	128800.	-.8832	1.007
SDev	21.	.5245	1.355	.181	340.	1.6776	.002
%RSD	.3180	58.80	772.9	7.619	.2640	189.9	.1676

#1	6641.	1.263	-.7825	-2.497	129100.	-2.069	1.006
#2	6611.	.5212	1.133	-2.242	128600.	.3030	1.009

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

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	Zn2062	B_2496	Mo2020	Sn1899	92368v1 Ti3349	2203/1	2203/2
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.548	27.53	-1.7965	.4064	8.300	-4.294	2.403
SDev	.119	1.15	.8170	1.334	.291	1.895	1.085
%RSD	2.149	4.188	102.6	328.4	3.505	44.14	45.14
#1	5.464	28.35	-1.374	1.350	8.506	-5.634	1.636
#2	5.632	26.72	-1.2188	-.5372	8.094	-2.954	3.169
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1	1960/2					
Avge	.3025	-3.712					
SDev	.1596	.350					
%RSD	52.74	9.437					
#1	.4154	-3.960					
#2	.1897	-3.465					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd Mode	1 Counts	2 NOTUSED	3 NOTUSED	4 NOTUSED	5 NOTUSED	6 NOTUSED	7 NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1155	--	--	--	--	--	--
SDev	4.295639	--	--	--	--	--	--
%RSD	.3719627	--	--	--	--	--	--

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#1	1152	--	--	--	--	--	--
#2	1158	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33474-A-1-A Operator:
Run Time: 11/10/11 20:05:34
Comment:
Mode: CONC Corr. Factor: 1

	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	208.3	-3.150	3.716	32.86	.4354	.1127	34660.
SDev	36.2	1.552	1.975	.13	.0139	.2597	73.
%RSD	17.37	49.28	53.16	.4083	3.199	230.4	.2094
#1	182.7	-4.248	2.319	32.76	.4452	.2963	34610.
#2	233.9	-2.053	5.113	32.95	.4256	-.0709	34720.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	2.079	.1125	130.4	1046.	10240.	43.45	7.298
SDev	.179	.3433	.2	8.	5.	.17	.756
%RSD	8.592	305.2	.1905	.7700	.0466	.3842	10.36
#1	1.953	-.1303	130.2	1040.	10240.	43.34	7.832
#2	2.205	.3552	130.5	1051.	10230.	43.57	6.763
Errors High	LC Pass 10000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Elem Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39460.	1.396	3.817	.2393	110200.	-1.185	.8645

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SDev	10.	.511	.444	.2019	46.	.844	.2185

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%RSD	.0256	36.58	11.63	84.36	92368v1 .0417	71.24	25.28			
#1	39470.	1.035	3.503	.0966	110200.	-.5880	.7100			
#2	39450.	1.757	4.131	.3821	110100.	-1.782	1.019			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avg	326.3	50.60	1.699	3.374	4.563	.9888	5.226			
SDev	.8	.03	.718	2.641	.099	.6027	.967			
%RSD	.2325	.0627	42.25	78.28	2.167	60.95	18.50			
#1	325.8	50.58	1.191	1.506	4.633	1.415	4.542			
#2	326.9	50.62	2.207	5.241	4.493	.5627	5.909			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avg	3.899	-1.597								
SDev	1.466	.429								
%RSD	37.60	26.88								
#1	2.862	-1.293								
#2	4.936	-1.900								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avg	1149	--	--	--	--	--	--			
SDev	2.100087	--	--	--	--	--	--			
%RSD	.1828348	--	--	--	--	--	--			
#1	1150	--	--	--	--	--	--			
#2	1147	--	--	--	--	--	--			

Method:	SW846	Sample Name: 460-33365-F-1-A			Operator:					
Run Time:	11/10/11	20:11:43								
Comment:										
Mode:	CONC	Corr. Factor: 1								
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avg	-27.17	-5.171	1.542	333.6	.4105	-.0464	60350.			
SDev	22.16	.434	.058	2.4	.0055	.1299	246.			
%RSD	81.56	8.399	3.732	.7200	1.334	279.9	.4076			
#1	-42.83	-5.478	1.583	331.9	.4067	.0454	60170.			
#2	-11.50	-4.864	1.501	335.3	.4144	-.1382	60520.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avg	-.8749	-.0848	2.271	16.28	11780.	22.25	-.3447			
SDev	.0670	.4284	.032	.55	55.	.22	.5275			
%RSD	7.659	505.0	1.416	3.405	.4705	.9940	153.1			
#1	-.9222	.2181	2.248	16.67	11740.	22.10	-.7177			
#2	-.8275	-.3878	2.294	15.89	11820.	22.41	.0284			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924			

92368v1							
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	707.6	.7428	.7217	-.6678	9492.	-4.306	4.934
SDev	5.0	.2285	1.143	1.6288	42.	.499	.049
%RSD	.7083	30.76	158.4	243.9	.4375	11.59	.9973
#1	704.1	.9044	-.0866	.4840	9462.	-3.953	4.969
#2	711.2	.5813	1.530	-1.820	9521.	-4.659	4.899
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	6.035	32.76	1.747	.8995	-.1319	-2.288	2.221
SDev	.645	.65	.019	.5809	.0482	.330	1.878
%RSD	10.68	1.998	1.094	64.58	36.53	14.40	84.59
#1	6.491	32.30	1.760	1.310	-.1660	-2.055	.8924
#2	5.579	33.22	1.733	.4887	-.0978	-2.521	3.549
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.969	.9715					
SDev	3.605	.6421					
%RSD	90.83	66.09					
#1	-1.420	1.426					
#2	-6.519	.5175					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1168	--	--	--	--	--	--
SDev	4.836586	--	--	--	--	--	--
%RSD	.4141480	--	--	--	--	--	--
#1	1171	--	--	--	--	--	--
#2	1164	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33365-F-2-A Operator:
Run Time: 11/10/11 20:17:52
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30.17	-3.298	1.537	182.8	.4387	.2090	39340.
SDev	26.94	.893	1.457	17.8	.0875	.1263	3766.
%RSD	89.28	27.06	94.82	9.715	19.94	60.46	9.574
#1	49.22	-3.930	2.567	195.4	.3768	.1196	42000.
#2	11.12	-2.667	.5064	170.2	.5005	.2983	36680.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.7409	1.076	12.82	645.4	10390.	5427.	1.846
SDev	.0166	.174	3.39	62.0	989.	520.	.340
%RSD	2.236	16.16	26.47	9.604	9.521	9.579	18.41
#1	.7292	1.199	15.22	689.2	11090.	5795.	2.086
#2	.7526	.9531	10.42	601.5	9691.	5059.	1.606

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9346.	1.126	2.724	-1.635	166400.	-3.207	1.834
SDev	826.	.573	.879	2.920	13558.	2.650	.209
%RSD	8.843	50.88	32.26	178.6	8.149	82.64	11.38

#1	9930.	.7209	3.346	-3.700	176000.	-5.081	1.982
#2	8762.	1.531	2.103	.4300	156800.	-1.333	1.687

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13.72	92.89	1.454	-1.266	1.703	.4358	3.863
SDev	1.09	5.66	.093	1.105	.223	1.034	1.834
%RSD	7.958	6.098	6.427	87.28	13.09	237.3	47.47

#1	14.49	96.89	1.387	-.4849	1.861	-.2954	5.160
#2	12.94	88.88	1.520	-2.048	1.546	1.167	2.566

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2	••Analysis Report				
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Units	ppb	ppb
Avge	-2.030	-1.446
SDev	2.409	3.176
%RSD	118.7	219.6

#1	-3.734	-3.692
#2	-.3267	.7994

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1183	--	--	--	--	--	--
SDev	88.84090	--	--	--	--	--	--
%RSD	7.511480	--	--	--	--	--	--
#1	1120	--	--	--	--	--	--
#2	1246	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33365-F-3-A Operator:

Run Time: 11/10/11 20:24:00

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-33.49	-3.679	.3137	-.1955	.3820	-.0717	-2.202
SDev	13.76	1.578	2.943	.0002	.0362	.0032	2.145
%RSD	41.08	42.90	938.1	.1224	9.485	4.456	97.43

#1	-43.22	-2.563	-1.767	-.1957	.4076	-.0694	-.6850
#2	-23.76	-4.795	2.395	-.1953	.3564	-.0740	-3.719

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

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	92368v1						
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2315	.2033	2.507	-.8985	-.3829	.2734	-.6462
SDev	.0004	.2523	.136	7.9312	7.0831	.1275	.1962
%RSD	.1543	124.1	5.444	882.7	1850.	46.65	30.37
#1	-.2313	.3817	2.603	-6.507	4.626	.3636	-.7849
#2	-.2318	.0249	2.410	4.710	-5.391	.1832	-.5074
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-65.12	.5797	-.3552	.6892	-70.05	.8467	.3339
SDev	4.67	.2466	1.5192	.6780	17.10	.0949	.2819
%RSD	7.172	42.53	427.7	98.37	24.41	11.21	84.43
#1	-61.82	.7540	.7190	1.169	-57.95	.9138	.5333
#2	-68.42	.4053	-1.429	.2098	-82.14	.7796	.1346
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.758	4.514	-.8881	-1.368	.0732	-2.525	.7257
SDev	.158	.629	.5763	2.303	.0267	.443	2.055
%RSD	8.998	13.94	64.89	168.4	36.51	17.53	283.2
#1	1.869	4.069	-.4806	.2606	.0543	-2.212	2.179
#2	1.646	4.959	-1.296	-2.997	.0921	-2.838	-.7273
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.9461	1.497					
SDev	1.0009	.517					
%RSD	105.8	34.52					
#1	-.2383	1.862					
#2	-1.654	1.131					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1173	--	--	--	--	--	--
SDev	1.368207	--	--	--	--	--	--
%RSD	.1166469	--	--	--	--	--	--
#1	1172	--	--	--	--	--	--
#2	1174	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/10/11 20:30:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124500.	987.4	4893.	9655.	964.1	2515.	121000.
SDev	194.	2.6	1.	16.	1.3	1.	245.
%RSD	.1561	.2662	.0247	.1687	.1322	.0400	.2023
#1	124600.	989.2	4892.	9666.	963.2	2515.	120800.
#2	124400.	985.5	4894.	9643.	965.0	2516.	121100.

	LC Pass	LC Pass	LC Pass	LC Pass	92368v1 LC Pass	LC Pass	LC Pass
Errors High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Errors Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	4900.	2433.	12560.	95670.	125600.	4981.	2503.
SDev	5.	2.	46.	134.	296.	1.	5.
%RSD	.0927	.0702	.3699	.1396	.2354	.0133	.1963
#1	4897.	2432.	12590.	95580.	125800.	4981.	2500.
#2	4903.	2434.	12530.	95770.	125400.	4982.	2507.

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Errors High	LC Pass 5520.	LC Pass 2760.	LC Pass 13800.	LC Pass 110400.	LC Pass 138000.	LC Pass 5522.	LC Pass 2760.
Errors Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	46920.	1224.	10080.	4971.	118900.	5000.	2459.
SDev	158.	1.	8.	5.	112.	11.	.
%RSD	.3363	.0632	.0787	.1001	.0941	.2118	.0122
#1	47030.	1225.	10080.	4975.	118900.	4993.	2459.
#2	46810.	1224.	10070.	4968.	118800.	5008.	2458.
Errors High	LC Pass 55200.	LC Pass 1380.	LC Pass 11040.	LC Pass 5522.	LC Pass 138000.	LC Pass 5522.	LC Pass 2760.
Errors Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	2440.	1025.	2470.	958.0	9755.	10060.	10090.
SDev	11.	4.	6.	3.2	9.	25.	.
%RSD	.4566	.3792	.2431	.3288	.0905	.2445	.0038
#1	2432.	1028.	2466.	955.8	9761.	10080.	10090.
#2	2448.	1023.	2474.	960.3	9749.	10040.	10090.
Errors High	LC Pass 2760.	LC Pass 1104.	LC Pass 2760.	LC Pass 1104.	LC Pass 11040.	NOCHECK	NOCHECK
Errors Low	2239.	896.0	2239.	896.0	8960.		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	5038.	4938.					
SDev	15.	.					
%RSD	.3027	.0031					
#1	5049.	4938.					
#2	5027.	4938.					
Errors High	NOCHECK	NOCHECK					
Errors Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1137	--	--	--	--	--	--
SDev	3.372913	--	--	--	--	--	--
%RSD	.2966463	--	--	--	--	--	--
#1	1135	--	--	--	--	--	--
#2	1139	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/10/11 20:36:17
Comment:
Mode: CONC Corr. Factor: 1

Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	-22.37	-4.062	1.723	.5149	.5359	.3755	3.632
SDev	19.14	.091	2.156	.1426	.0178	.1374	1.854

					92368v1		
%RSD	85.55	2.248	125.1	27.69	3.326	36.58	51.06
#1	-35.90	-3.998	.1986	.4141	.5485	.4727	4.943
#2	-8.838	-4.127	3.247	.6157	.5233	.2784	2.320
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.3099	.6235	3.361	19.55	16.24	.5868	-.1926
SDev	.1672	.0004	.507	2.99	2.14	.0840	.4520
%RSD	53.96	.0615	15.09	15.30	13.17	14.31	234.6
#1	.1916	.6233	3.720	21.67	17.75	.6462	.1270
#2	.4281	.6238	3.003	17.44	14.73	.5274	-.5122
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	-68.27	.8929	1.378	-1.807	-113.1	1.840	.6815
SDev	7.35	.3935	.368	3.332	69.3	1.002	.2101
%RSD	10.77	44.07	26.71	184.4	61.31	54.43	30.83
#1	-63.07	1.171	1.638	-4.163	-64.07	2.548	.8300
#2	-73.46	.6147	1.118	.5492	-162.1	1.132	.5329

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avg	.1427	1.330	1.820	-.2187	1.310	-2.556	3.338
SDev	.0720	.398	.754	1.2968	.077	.413	.758
%RSD	50.47	29.92	41.45	592.9	5.871	16.16	22.70
#1	.0918	1.611	2.353	.6982	1.364	-2.848	3.874
#2	.1936	1.049	1.286	-1.136	1.256	-2.264	2.802
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avg	-1.739	-1.849					
SDev	4.317	2.840					
%RSD	248.2	153.6					
#1	-4.792	-3.857					
#2	1.314	.1587					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1191	--	--	--	--	--	--
SDev	.8272597	--	--	--	--	--	--
%RSD	.0694715	--	--	--	--	--	--
#1	1190	--	--	--	--	--	--
#2	1191	--	--	--	--	--	--

1	ICV 1200071	92341V1	SW846	11/11/11	19:22	S	CONC
2	ICB	92341V1	SW846	11/11/11	19:28	S	CONC
3	ICSA 1200073	92341V1	SW846	11/11/11	19:34	S	CONC
4	ICSAB 1200106	92341V1	SW846	11/11/11	19:40	S	CONC
5	INT-20	92341V1	SW846	11/11/11	19:46	S	CONC
6	REPLIM	92341V1	SW846	11/11/11	19:53	S	CONC
7	MB 460-92605/1-A@2	92341V1	SW846	11/11/11	19:59	S	CONC
8	LCSSRM 460-92605/2-A	92341V1	SW846	11/11/11	20:05	S	CONC
9	460-33491-A-7-H DU@4	92341V1	SW846	11/11/11	20:11	S	CONC
10	460-33491-A-7-G@4	92341V1	SW846	11/11/11	20:17	S	CONC
11	SD 460-33491-A-7-G@2	92341V1	SW846	11/11/11	20:23	S	CONC
12	460-33491-A-7-I MS@4	92341V1	SW846	11/11/11	20:29	S	CONC
13	CCV 1200071	92341V1	SW846	11/11/11	20:36	S	CONC
14	CCB	92341V1	SW846	11/11/11	20:42	S	CONC
15	PDS 460-33491-A-7-G	92341V1	SW846	11/11/11	20:48	S	CONC
16	460-33494-A-1-B@4	92341V1	SW846	11/11/11	20:54	S	CONC
17	460-33494-A-2-B@4	92341V1	SW846	11/11/11	21:00	S	CONC
18	460-33494-A-3-B@4	92341V1	SW846	11/11/11	21:06	S	CONC
19	460-31916-B-3-C@4	92341V1	SW846	11/11/11	21:12	S	CONC
20	460-33443-H-1-D@4	92341V1	SW846	11/11/11	21:18	S	CONC
21	460-33491-A-1-E@4	92341V1	SW846	11/11/11	21:25	S	CONC
22	460-33491-A-2-G@4	92341V1	SW846	11/11/11	21:31	S	CONC
23	460-33491-A-3-E@4	92341V1	SW846	11/11/11	21:37	S	CONC
24	460-33491-A-4-E@4	92341V1	SW846	11/11/11	21:43	S	CONC
25	CCV 1200071	92341V1	SW846	11/11/11	21:49	S	CONC
26	CCB	92341V1	SW846	11/11/11	21:55	S	CONC
27	460-33491-A-5-E@4	92341V1	SW846	11/11/11	22:01	S	CONC
28	460-33491-A-6-E@4	92341V1	SW846	11/11/11	22:07	S	CONC
29	460-33491-A-8-E@4	92341V1	SW846	11/11/11	22:14	S	CONC
30	460-33384-A-1-E DU@1	92341V1	SW846	11/11/11	22:20	S	CONC
31	460-33384-A-1-D@10	92341V1	SW846	11/11/11	22:26	S	CONC
32	SD 460-33384-A-1-D@5	92341V1	SW846	11/11/11	22:32	S	CONC
33	460-33384-A-1-F MS@1	92341V1	SW846	11/11/11	22:39	S	CONC
34	PDS 460-33384-A-1-D	92341V1	SW846	11/11/11	22:45	S	CONC
35	460-33384-A-2-D@10	92341V1	SW846	11/11/11	22:51	S	CONC
36	460-33384-A-3-D@20	92341V1	SW846	11/11/11	22:58	S	CONC
37	CCV 1200071	92341V1	SW846	11/11/11	23:04	S	CONC
38	CCB	92341V1	SW846	11/11/11	23:10	S	CONC
39	MB 460-92679/1-A	92341V1	SW846	11/11/11	23:51	S	CONC
40	LCS 460-92679/2-A	92341V1	SW846	11/11/11	23:57	S	CONC
41	460-33457-A-1-C DU@5	92341V1	SW846	11/12/11	00:03	S	CONC
42	460-33457-A-1-B@5	92341V1	SW846	11/12/11	00:09	S	CONC
43	SD 460-33457-A-1-B@2	92341V1	SW846	11/12/11	00:15	S	CONC
44	460-33457-A-1-D MS@5	92341V1	SW846	11/12/11	00:21	S	CONC
45	PDS 460-33457-A-1-B	92341V1	SW846	11/12/11	00:27	S	CONC
46	460-33494-A-1-C@5	92341V1	SW846	11/12/11	00:34	S	CONC
47	460-33494-A-2-C@5	92341V1	SW846	11/12/11	00:40	S	CONC
48	460-33494-A-3-C@5	92341V1	SW846	11/12/11	00:46	S	CONC
49	CCV 1200071	92341V1	SW846	11/12/11	00:52	S	CONC
50	CCB	92341V1	SW846	11/12/11	00:58	S	CONC
51	460-33468-A-1-D@5	92341V1	SW846	11/12/11	01:04	S	CONC
52	LB 460-92588/1-B@5	92341V1	SW846	11/12/11	01:10	S	CONC
53	CCV 1200071	92341V1	SW846	11/12/11	01:16	S	CONC

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Summary

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
54	CCB	92341V1	SW846	11/12/11	01:23	S	CONC	
55	MB 460-92663/1-A	92341V1	SW846	11/12/11	01:34	S	CONC	
56	LCS 460-92663/2-A	92341V1	SW846	11/12/11	01:40	S	CONC	
57	460-33518-H-3-B DU	92341V1	SW846	11/12/11	01:46	S	CONC	
58	460-33518-H-3-A	92341V1	SW846	11/12/11	01:55	S	CONC	
59	SD 460-33518-H-3-A@5	92341V1	SW846	11/12/11	02:01	S	CONC	
60	460-33518-H-3-C MS	92341V1	SW846	11/12/11	02:08	S	CONC	
61	PDS 460-33518-H-3-A	92341V1	SW846	11/12/11	02:14	S	CONC	
62	460-32949-A-3-C	92341V1	SW846	11/12/11	02:20	S	CONC	

63	460-32949-A-17-E	92341V1	SW846	11/12/11	02:26	S	CONC
64	460-32949-A-18-C	92341V1	SW846	11/12/11	02:32	S	CONC
65	CCV 1200071	92341V1	SW846	11/12/11	02:38	S	CONC
66	CCB	92341V1	SW846	11/12/11	02:44	S	CONC
67	460-33541-F-2-A	92341V1	SW846	11/12/11	02:50	S	CONC
68	460-33365-F-4-B	92341V1	SW846	11/12/11	02:57	S	CONC
69	460-33365-F-5-B	92341V1	SW846	11/12/11	03:03	S	CONC
70	460-33372-A-14-B	92341V1	SW846	11/12/11	03:09	S	CONC
71	460-33511-B-7-A	92341V1	SW846	11/12/11	03:15	S	CONC
72	460-33395-F-1-D	92341V1	SW846	11/12/11	03:21	S	CONC
73	460-33395-F-2-B	92341V1	SW846	11/12/11	03:27	S	CONC
74	460-33395-F-3-B	92341V1	SW846	11/12/11	03:33	S	CONC
75	460-33395-F-4-B	92341V1	SW846	11/12/11	03:40	S	CONC
76	460-33395-F-5-B	92341V1	SW846	11/12/11	03:46	S	CONC
77	CCV 1200071	92341V1	SW846	11/12/11	03:52	S	CONC
78	CCB	92341V1	SW846	11/12/11	03:58	S	CONC
79	460-33395-F-6-B	92341V1	SW846	11/12/11	04:04	S	CONC
80	460-33426-A-8-A	92341V1	SW846	11/12/11	04:10	S	CONC
81	460-33446-B-20-A	92341V1	SW846	11/12/11	04:17	S	CONC
82	460-33446-B-26-A	92341V1	SW846	11/12/11	04:23	S	CONC
83	460-33446-D-45-A	92341V1	SW846	11/12/11	04:29	S	CONC
84	460-33119-F-1-B	92341V1	SW846	11/12/11	04:35	S	CONC
85	CCV 1200071	92341V1	SW846	11/12/11	04:41	S	CONC
86	CCB	92341V1	SW846	11/12/11	04:47	S	CONC
87	MB 460-92389/1-A	92341V1	SW846	11/12/11	04:53	S	CONC
88	LCS 460-92389/2-A	92341V1	SW846	11/12/11	05:00	S	CONC
89	460-33168-A-1-D DU	92341V1	SW846	11/12/11	05:06	S	CONC
90	460-33168-D-1-G	92341V1	SW846	11/12/11	05:12	S	CONC
91	SD 460-33168-D-1-G@5	92341V1	SW846	11/12/11	05:18	S	CONC
92	460-33168-D-1-H MS	92341V1	SW846	11/12/11	05:24	S	CONC
93	PDS 460-33168-D-1-G	92341V1	SW846	11/12/11	05:30	S	CONC
94	460-33104-D-1-D	92341V1	SW846	11/12/11	05:36	S	CONC
95	460-33104-D-2-D	92341V1	SW846	11/12/11	05:43	S	CONC
96	460-33104-D-3-D	92341V1	SW846	11/12/11	05:49	S	CONC
97	CCV 1200071	92341V1	SW846	11/12/11	05:55	S	CONC
98	CCB	92341V1	SW846	11/12/11	06:01	S	CONC
99	460-33104-D-4-D	92341V1	SW846	11/12/11	06:07	S	CONC
100	460-33104-D-5-D	92341V1	SW846	11/12/11	06:13	S	CONC
101	460-33104-D-6-D	92341V1	SW846	11/12/11	06:20	S	CONC
102	460-33104-D-7-D	92341V1	SW846	11/12/11	06:26	S	CONC
103	460-33104-D-8-D	92341V1	SW846	11/12/11	06:32	S	CONC
104	460-32800-A-4-C	92341V1	SW846	11/12/11	06:38	S	CONC
105	460-33168-D-2-D	92341V1	SW846	11/12/11	06:44	S	CONC
106	460-33168-D-3-D	92341V1	SW846	11/12/11	06:50	S	CONC
107	460-33168-D-4-D	92341V1	SW846	11/12/11	06:57	S	CONC

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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
108	CCV 1200071	92341V1	SW846	11/12/11	07:03	S	CONC	
109	CCB	92341V1	SW846	11/12/11	07:09	S	CONC	

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 1200071	121500.	972.6	4869.	9686.	972.9	2442.
2	ICB	-83.61	-1.484	-.7379	-.9076	-.0868	-.2737
3	ICSA 1200073	477300.	-2.832	-.9126	3.443	-.0597	-1.943
4	ICSAB 1200106	490200.	105.6	105.6	110.2	103.0	101.2
5	INT-20	-88.69	-33.01	-3.043	10470.	-.5253	-1.924
6	REPLIM	92.97	9.767	2.563	202.3	2.015	4.192
7	MB 460-92605/1-A@2	-166.1	-2.596	-2.503	-.9070	-.0766	-.1340
8	LCSSRM 460-92605/2-A	39870.	565.6	528.6	954.5	392.8	314.2
9	460-33491-A-7-H DU@4	22300.	1.766	11.65	240.1	1.098	-.8286
10	460-33491-A-7-G@4	22240.	-.7605	8.935	229.1	1.034	-.9052
11	SD 460-33491-A-7-G@2	4086.	-1.404	.3895	42.76	.1850	-.3000
12	460-33491-A-7-I MS@4	28100.	210.7	956.1	1198.	25.69	23.65
13	CCV 1200071	119900.	989.4	4906.	9630.	976.8	2437.
14	CCB	-198.4	.0843	1.462	-.8536	.0530	-.1050
15	PDS 460-33491-A-7-G	23790.	481.1	1939.	2198.	50.29	49.03
16	460-33494-A-1-B@4	13950.	29.33	35.08	118.4	2.292	2.077

17	460-33494-A-2-B@4	9894.	22.82	31.85	120.0	.9137	.7858
18	460-33494-A-3-B@4	12500.	21.67	34.25	143.7	1.575	1.145
19	460-31916-B-3-C@4	71580.	.6428	26.83	380.5	4.225	-2.607
20	460-33443-H-1-D@4	38470.	-.6864	22.93	633.9	4.964	2.500
21	460-33491-A-1-E@4	55570.	-1.123	12.00	304.8	2.126	-1.507
22	460-33491-A-2-G@4	55500.	-2.904	9.294	520.3	3.247	-1.222
23	460-33491-A-3-E@4	29210.	1.167	37.71	339.2	1.358	.3219
24	460-33491-A-4-E@4	32630.	.7510	19.59	233.2	1.244	-.2444
25	CCV 1200071	121800.	1004.	4956.	9752.	987.6	2479.
26	CCB	-179.9	-2.461	-.6009	-1.064	-.0125	-.2880
27	460-33491-A-5-E@4	27340.	4.251	33.57	332.8	1.660	.4576
28	460-33491-A-6-E@4	36890.	-.3901	27.23	251.5	1.332	-.9457
29	460-33491-A-8-E@4	28750.	-.5014	6.774	203.5	1.289	-.8329
30	460-33384-A-1-E DU@1	8316.	-2.019	6.383	103.6	.4808	.2728
31	460-33384-A-1-D@10	9808.	-2.485	4.637	116.1	.5529	.1678
32	SD 460-33384-A-1-D@5	1755.	-3.098	-2.595	22.04	.0623	.0069
33	460-33384-A-1-F MS@1	11000.	51.57	375.2	477.2	10.05	9.876
34	PDS 460-33384-A-1-D	11390.	463.6	1901.	2033.	48.50	48.62
35	460-33384-A-2-D@10	30200.	-.7572	7.596	322.8	1.517	.6570
36	460-33384-A-3-D@20	2702.	-1.240	1.430	22.62	.1521	.1319
37	CCV 1200071	118600.	978.0	4887.	9515.	980.3	2458.
38	CCB	-188.9	-1.293	-.5011	-.8536	.0216	-.2230
39	MB 460-92679/1-A	-167.1	.2819	-3.110	-.9064	-.0572	-.2336
40	LCS 460-92679/2-A	5013.	1031.	5262.	10140.	1037.	1088.
41	460-33457-A-1-C DU@5	-30.04	1.086	-2.583	5086.	.0605	.4805
42	460-33457-A-1-B@5	-24.18	2.974	.2861	4716.	.0893	.4372
43	SD 460-33457-A-1-B@2	-42.58	.1557	-1.258	960.8	.0029	.0421
44	460-33457-A-1-D MS@5	989.5	204.3	1043.	7004.	204.1	213.4
45	PDS 460-33457-A-1-B	4518.	909.4	4619.	13180.	907.6	938.0
46	460-33494-A-1-C@5	-33.33	1.969	6.303	37.47	.1505	.3448
47	460-33494-A-2-C@5	-94.95	.9673	.3853	27.92	.0463	.1871
48	460-33494-A-3-C@5	-68.41	1.187	1.682	29.30	.0920	.2025
49	CCV 1200071	113600.	940.1	4673.	9140.	933.3	2337.
50	CCB	L-203.2	-3.101	-1.511	-.8536	.0054	-.3126
51	460-33468-A-1-D@5	19.53	101.1	482.6	191.3	-.0082	-.1176
52	LB 460-92588/1-B@5	-174.6	-1.257	-1.934	-.8536	-.1348	-.3397
53	CCV 1200071	122900.	1011.	5015.	9919.	1008.	2490.

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
54	CCB	-121.0	-.7216	.0673	-.8536	-.0080	-.2439
55	MB 460-92663/1-A	-194.9	-.7010	.1986	-.9964	-.0886	-.2984
56	LCS 460-92663/2-A	1742.	493.3	1992.	1993.	49.58	51.04
57	460-33518-H-3-B DU	1256.	-1.777	5.577	18.98	-.2809	-.5716
58	460-33518-H-3-A	1192.	-1.579	3.985	18.20	-.1695	-.5182
59	SD 460-33518-H-3-A@5	138.2	-1.467	-.1165	2.570	-.2301	-.4904
60	460-33518-H-3-C MS	3447.	529.2	2132.	2186.	52.77	52.96
61	PDS 460-33518-H-3-A	3191.	492.0	1999.	2051.	49.25	49.76
62	460-32949-A-3-C	2216.	-.4753	39.34	56.87	-.1232	-.7361
63	460-32949-A-17-E	-164.3	-2.913	2.903	7.585	-.2509	-.4833
64	460-32949-A-18-C	5208.	-1.397	46.44	68.22	-.1012	-.7902
65	CCV 1200071	130900.	1079.	5357.	10610.	1076.	2652.
66	CCB	-79.67	-1.688	.5744	-.8536	-.2747	-.2901
67	460-33541-F-2-A	-169.8	-.8692	1.092	137.4	-.2310	-.5834
68	460-33365-F-4-B	-172.6	.1973	1.900	178.1	-.2208	-.3248
69	460-33365-F-5-B	-168.7	-.5293	4.952	143.6	-.2564	-.2753
70	460-33372-A-14-B	-159.5	-1.582	-.5483	-1.064	-.2279	-.3132
71	460-33511-B-7-A	1293.	4.565	8.386	310.7	-.1467	1.181
72	460-33395-F-1-D	-173.3	-1.333	-.6081	883.5	-.2361	-.3459
73	460-33395-F-2-B	-163.7	-2.316	-.2580	756.9	-.2724	-.4601
74	460-33395-F-3-B	-168.1	-.1834	2.737	372.3	-.2318	-.4154
75	460-33395-F-4-B	-165.3	.2918	3.622	272.9	-.2168	-.2652
76	460-33395-F-5-B	-170.3	.6532	1.427	140.3	-.2241	-.1967
77	CCV 1200071	128600.	1066.	5290.	10450.	1063.	2620.
78	CCB	-89.96	-2.027	.9194	-.8536	-.1950	-.3166
79	460-33395-F-6-B	-158.2	-2.569	1.525	73.10	-.2265	-.3980
80	460-33426-A-8-A	-175.7	-.7590	-.7154	-.9070	-.1991	-.4252
81	460-33446-B-20-A	80.89	-1.298	-.1614	31.34	-.0498	.3945
82	460-33446-B-26-A	92.44	-.6826	1.163	35.57	-.2051	8.699
83	460-33446-D-45-A	-180.8	-.8031	-2.691	-.9051	-.1507	-.1977
84	460-33119-F-1-B	-138.0	-2.117	-1.519	132.8	-.2337	-.4216
85	CCV 1200071	123800.	1025.	5107.	10030.	1028.	2542.

86	CCB	-98.34	.8554	-2.378	-.8536	-.1807	-.3563
87	MB 460-92389/1-A	-175.7	-.0310	-.0399	-.8536	-.1043	-.1800
88	LCS 460-92389/2-A	1735.	486.2	1971.	1985.	49.56	50.61
89	460-33168-A-1-D DU	-161.8	-1.250	.0781	490.3	-.2876	-.6397
90	460-33168-D-1-G	-166.6	-2.024	-1.667	490.8	-.2590	-.7343
91	SD 460-33168-D-1-G@5	-164.6	-2.272	-1.693	96.54	-.2249	-.2293
92	460-33168-D-1-H MS	1923.	534.5	2138.	2635.	52.58	52.85
93	PDS 460-33168-D-1-G	1845.	509.3	2034.	2527.	49.67	50.61
94	460-33104-D-1-D	-155.2	-.3844	.0749	168.0	-.2319	.4188
95	460-33104-D-2-D	-166.3	-1.688	-.1015	87.03	-.2469	-.1536
96	460-33104-D-3-D	-149.5	-.0001	1.878	134.3	-.2650	-.2738
97	CCV 1200071	124500.	1033.	5141.	10090.	1034.	2550.
98	CCB	-88.58	-1.534	1.534	-.8536	-.2014	-.3788
99	460-33104-D-4-D	-174.6	.2927	-2.203	256.3	-.2063	-.3239
100	460-33104-D-5-D	-169.2	-1.211	.0410	298.6	-.2417	-.4296
101	460-33104-D-6-D	-164.6	-.3157	-.1406	1028.	-.2881	-1.253
102	460-33104-D-7-D	-172.0	-1.513	-.7943	854.9	-.2480	-.9546
103	460-33104-D-8-D	-155.9	-.9108	-1.793	139.6	-.0874	-.0529
104	460-32800-A-4-C	-149.8	-.9625	13.53	47.51	-.1803	-.5588
105	460-33168-D-2-D	-165.4	-.6750	-2.625	-.9058	-.2113	-.0468
106	460-33168-D-3-D	130.4	-1.090	4.792	102.1	-.2390	-.3248
107	460-33168-D-4-D	-99.46	-1.869	-.9157	82.31	.6868	-.1611

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
108	CCV 1200071	126300.	1048.	5233.	10260.	1056.	2596.
109	CCB	-98.66	.4644	-.3075	-.8536	-.1717	-.2308

#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
1	ICV 1200071	123200.	4899.	2447.	12080.	97780.	121300.
2	ICB	-9.891	-.2301	-.7299	.2079	-11.91	1.256
3	ICSA 1200073	452500.	-2.862	1.046	2.650	195800.	520300.
4	ICSAB 1200106	470500.	99.19	102.5	111.4	203800.	535500.
5	INT-20	48.11	20470.	20040.	-.3946	31.10	35.04
6	REPLIM	5227.	11.69	51.98	24.02	152.5	4797.
7	MB 460-92605/1-A@2	16.01	-.1879	-1.222	-.5668	-7.861	-.2792
8	LCSSRM 460-92605/2-A	51030.	1211.	472.4	872.2	84630.	17540.
9	460-33491-A-7-H DU@4	8014.	62.77	22.26	86.10	58950.	6996.
10	460-33491-A-7-G@4	8223.	63.20	20.65	93.31	53110.	6058.
11	SD 460-33491-A-7-G@2	1527.	10.86	3.414	16.83	9964.	1149.
12	460-33491-A-7-I MS@4	17040.	162.4	262.0	206.6	55680.	15550.
13	CCV 1200071	121600.	4879.	2427.	11930.	96820.	119400.
14	CCB	-10.85	-.6851	-.5455	-.4362	-6.334	2.005
15	PDS 460-33491-A-7-G	27950.	260.0	505.2	332.6	52410.	24330.
16	460-33494-A-1-B@4	6890.	35.85	8.706	52.08	28990.	1586.
17	460-33494-A-2-B@4	4774.	29.56	5.224	60.07	26120.	882.9
18	460-33494-A-3-B@4	17730.	35.83	8.033	62.61	27960.	1315.
19	460-31916-B-3-C@4	7182.	115.4	54.16	60.27	128400.	13840.
20	460-33443-H-1-D@4	129000.	1197.	37.62	443.6	81970.	13970.
21	460-33491-A-1-E@4	H425200.	128.6	23.20	107.2	64630.	48110.
22	460-33491-A-2-G@4	H401400.	65.59	15.61	73.73	59900.	40140.
23	460-33491-A-3-E@4	12790.	64.40	25.45	179.3	58550.	8856.
24	460-33491-A-4-E@4	23730.	81.69	32.17	240.8	71690.	16420.
25	CCV 1200071	123100.	4944.	2460.	12150.	97990.	121500.
26	CCB	-10.02	-.8884	-.9512	-.1540	-23.73	-9.043
27	460-33491-A-5-E@4	27170.	145.9	22.88	160.2	64840.	7225.
28	460-33491-A-6-E@4	10360.	76.13	23.78	108.2	73960.	8348.
29	460-33491-A-8-E@4	7655.	62.78	15.59	52.10	45350.	5321.
30	460-33384-A-1-E DU@1	162700.	11.73	9.861	27.30	23340.	53040.
31	460-33384-A-1-D@10	162400.	14.67	10.46	30.45	24630.	51330.
32	SD 460-33384-A-1-D@5	32240.	2.129	1.405	5.404	4791.	9819.
33	460-33384-A-1-F MS@1	154500.	52.94	101.4	73.88	23790.	54010.
34	PDS 460-33384-A-1-D	172200.	206.9	478.0	266.5	24370.	68130.
35	460-33384-A-2-D@10	125600.	42.25	19.24	38.17	54040.	19630.
36	460-33384-A-3-D@20	115200.	2.657	2.257	8.317	7069.	52280.
37	CCV 1200071	123000.	4899.	2439.	11810.	97240.	118500.
38	CCB	-10.74	-.3451	-.2143	-.4457	-11.39	7.011
39	MB 460-92679/1-A	-7.040	-.2031	-.3493	-.1196	-10.49	-3.474
40	LCS 460-92679/2-A	21790.	5308.	1059.	1033.	1080.	20050.
41	460-33457-A-1-C DU@5	10220.	9.857	.4323	44.97	44.94	1468.
42	460-33457-A-1-B@5	9574.	9.246	1.996	43.10	58.66	1369.

43	SD 460-33457-A-1-B@2	1920.	1.727	.0052	8.281	.6112	266.8
44	460-33457-A-1-D MS@5	14540.	1044.	207.4	248.8	268.0	5346.
45	PDS 460-33457-A-1-B	28070.	4593.	924.2	952.2	976.8	18900.
46	460-33494-A-1-C@5	8627.	.1361	1.036	2.457	243.0	1064.
47	460-33494-A-2-C@5	7179.	-.4544	-.3940	3.100	150.3	847.1
48	460-33494-A-3-C@5	24060.	-.6206	.7004	1.312	165.8	1217.

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
49	CCV 1200071	116300.	4648.	2321.	11340.	92510.	113600.
50	CCB	-10.54	-.6141	-.6054	-.6579	-15.26	-3.695
51	460-33468-A-1-D@5	8431.	4.214	5.997	6.066	1303.	2749.
52	LB 460-92588/1-B@5	-9.918	-1.132	-.9374	-1.128	-11.58	-8.568
53	CCV 1200071	125300.	5011.	2500.	12220.	99960.	122500.
54	CCB	-10.23	-.1831	-.0883	-1.044	-15.02	2.525
55	MB 460-92663/1-A	-11.87	-.6158	-.1433	-1.055	-14.47	1.950
56	LCS 460-92663/2-A	20480.	202.7	493.9	238.5	1013.	18600.
57	460-33518-H-3-B DU	106000.	-.6012	-.1093	.1623	2513.	18970.
58	460-33518-H-3-A	102800.	-.9184	-.2234	-.1848	2431.	18290.
59	SD 460-33518-H-3-A@5	22110.	-.7600	-.4764	-.3238	510.1	3784.
60	460-33518-H-3-C MS	134000.	214.8	525.4	263.3	3773.	40590.
61	PDS 460-33518-H-3-A	122300.	199.8	491.3	246.5	3444.	37590.
62	460-32949-A-3-C	32420.	7.613	1.999	1.769	24220.	8731.
63	460-32949-A-17-E	61370.	-1.275	.3253	.1195	1621.	18620.
64	460-32949-A-18-C	34090.	20.99	3.014	5.466	29870.	9382.
65	CCV 1200071	133600.	5332.	2664.	13030.	106600.	130600.
66	CCB	-13.76	-.6230	-.9257	-.4646	-21.83	4.584
67	460-33541-F-2-A	66800.	-1.671	-1.258	-.0843	8211.	9517.
68	460-33365-F-4-B	41410.	-1.175	-.9790	-.3004	-3.531	20930.
69	460-33365-F-5-B	42330.	-1.165	-.7601	-.1563	10.37	24240.
70	460-33372-A-14-B	94.32	-.5996	-.7080	-.4377	6.856	1.364
71	460-33511-B-7-A	H417600.	11.46	8.379	24.84	797.1	21260.
72	460-33395-F-1-D	87470.	-1.813	-.8968	-.2473	76.15	9057.
73	460-33395-F-2-B	56950.	-1.503	-1.017	-.5232	-7.067	9154.
74	460-33395-F-3-B	42640.	-1.349	-1.313	-.4244	-9.542	17040.
75	460-33395-F-4-B	35510.	-.7307	-1.089	-.7932	9.624	17470.
76	460-33395-F-5-B	40740.	-.6980	-.7960	-.5447	.3681	19060.
77	CCV 1200071	131900.	5261.	2630.	12810.	105300.	128400.
78	CCB	-11.23	-.2190	-.7814	-.3354	-13.55	.2877
79	460-33395-F-6-B	35010.	-1.043	-.8593	-.5169	-4.842	17580.
80	460-33426-A-8-A	-2.444	-.7855	-.7803	-.4332	-.8549	-1.181
81	460-33446-B-20-A	21090.	1.489	-.3721	.8712	2838.	7088.
82	460-33446-B-26-A	11880.	2.524	-.4953	2.334	2696.	2026.
83	460-33446-D-45-A	-5.132	-.5391	-.4556	-.7407	-.5578	6.435
84	460-33119-F-1-B	72840.	1.879	-1.339	.3304	66.47	28780.
85	CCV 1200071	128200.	5096.	2548.	12300.	101900.	123600.
86	CCB	-11.51	-.5792	-.0449	-.7570	-15.95	5.290
87	MB 460-92389/1-A	-9.912	-.2587	-.0403	-.4853	-5.609	5.044
88	LCS 460-92389/2-A	20410.	201.1	492.2	237.5	1003.	18440.
89	460-33168-A-1-D DU	37680.	-1.013	50.05	-.1158	19290.	62050.
90	460-33168-D-1-G	38080.	-1.523	50.42	-.1266	19510.	62230.
91	SD 460-33168-D-1-G@5	7611.	-1.055	9.403	-.7903	3892.	12070.
92	460-33168-D-1-H MS	60440.	214.7	579.1	258.7	20930.	84390.
93	PDS 460-33168-D-1-G	56640.	202.0	548.9	249.8	19640.	80340.
94	460-33104-D-1-D	96640.	-1.766	16.64	-.4108	570.9	29720.
95	460-33104-D-2-D	80560.	-1.823	1.717	-.1424	9.411	18210.
96	460-33104-D-3-D	208100.	-2.474	-.6178	-.8428	-10.22	1526.
97	CCV 1200071	128800.	5116.	2561.	12350.	102400.	124000.
98	CCB	-10.84	-.3343	-.6458	-.6353	-11.24	5.254
99	460-33104-D-4-D	12530.	-1.117	2.078	-.8235	928.0	4341.
100	460-33104-D-5-D	72050.	-.9174	68.95	-.4247	1136.	19230.
101	460-33104-D-6-D	113100.	-2.568	-.0611	2.513	47550.	141200.
102	460-33104-D-7-D	111200.	-2.117	.1492	.2726	41150.	143900.

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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
103	460-33104-D-8-D	62590.	-.9071	30.73	.0789	-9.443	35780.
104	460-32800-A-4-C	24900.	-.7922	-.6456	-.3390	15150.	8551.
105	460-33168-D-2-D	32.49	-.6479	-.4638	-.3702	-10.40	.8554
106	460-33168-D-3-D	90870.	-1.724	-.9215	-.1953	-4.034	156.4

107	460-33168-D-4-D	13880.	.1991	20.00	2.414	-2.517	7764.
108	CCV 1200071	131500.	5219.	2608.	12530.	104500.	125900.
109	CCB	-9.688	-.9905	-.4574	-.5607	-8.590	6.043

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 1200071	4883.	2441.	48840.	1216.	9780.	4872.
2	ICB	-.4926	.3417	34.27	-.1527	.3835	-.2427
3	ICSA 1200073	-6.773	1.717	-3.248	1.341	.9884	-4.987
4	ICSAB 1200106	98.02	102.9	10840.	107.8	101.8	102.3
5	INT-20	19300.	10720.	63.40	2.144	-1.584	-5.008
6	REPLIM	16.55	42.85	4558.	9.616	5.221	3.251
7	MB 460-92605/1-A@2	-.4953	-.2958	29.74	.0678	1.498	.3730
8	LCSSRM 460-92605/2-A	2825.	703.2	18510.	148.7	434.9	1403.
9	460-33491-A-7-H DU@4	1145.	42.44	1254.	.9172	169.4	1.631
10	460-33491-A-7-G@4	1031.	52.10	1312.	1.035	193.5	1.315
11	SD 460-33491-A-7-G@2	193.2	10.45	151.5	.5383	35.91	.1807
12	460-33491-A-7-I MS@4	1430.	285.8	9959.	23.91	419.3	911.5
13	CCV 1200071	4872.	2430.	46720.	1204.	9707.	4877.
14	CCB	-.5539	.4999	-29.91	.3440	-.6715	-.5539
15	PDS 460-33491-A-7-G	1502.	541.5	19430.	56.56	674.6	1859.
16	460-33494-A-1-B@4	216.3	22.54	768.7	.2914	648.5	2.049
17	460-33494-A-2-B@4	82.19	14.57	422.0	.6143	734.3	6.077
18	460-33494-A-3-B@4	132.0	24.63	559.0	.3969	735.6	5.685
19	460-31916-B-3-C@4	2107.	69.71	5856.	.5731	64.85	2.490
20	460-33443-H-1-D@4	2166.	97.81	11020.	7.172	489.5	8.710
21	460-33491-A-1-E@4	2204.	68.69	4211.	1.067	53.80	3.965
22	460-33491-A-2-G@4	1512.	44.37	2874.	.8725	82.71	4.492
23	460-33491-A-3-E@4	1618.	55.58	1180.	.9795	829.8	2.027
24	460-33491-A-4-E@4	1284.	73.28	1426.	1.053	447.5	1.482
25	CCV 1200071	4947.	2474.	47410.	1219.	9885.	4942.
26	CCB	-.6519	.3700	-2.978	-.4495	.3115	-.5691
27	460-33491-A-5-E@4	1034.	55.76	1487.	2.771	463.7	3.244
28	460-33491-A-6-E@4	901.2	49.48	1388.	.5346	283.3	3.092
29	460-33491-A-8-E@4	740.6	33.90	901.3	.0045	128.3	4.544
30	460-33384-A-1-E DU@1	961.5	21.70	979.6	.6541	26.91	.2657
31	460-33384-A-1-D@10	957.7	24.88	1137.	.5173	28.06	.4723
32	SD 460-33384-A-1-D@5	186.0	5.214	172.7	.3317	5.369	-.3024
33	460-33384-A-1-F MS@1	970.3	115.9	4871.	9.205	119.7	357.0
34	PDS 460-33384-A-1-D	1401.	498.7	19090.	57.45	505.7	1839.
35	460-33384-A-2-D@10	956.6	50.56	5184.	.3948	18.37	5.028
36	460-33384-A-3-D@20	610.9	6.586	417.6	.4646	10.82	.8597
37	CCV 1200071	4890.	2446.	45880.	1197.	9754.	4844.
38	CCB	-.5175	.4268	-24.47	.1110	-.5486	-.4452
39	MB 460-92679/1-A	-.4698	.4997	6.294	-.2159	-.4078	-.2437
40	LCS 460-92679/2-A	1081.	1085.	20310.	500.6	5269.	1010.
41	460-33457-A-1-C DU@5	143.2	12.36	4052.	-.3154	3.990	.8436
42	460-33457-A-1-B@5	134.3	11.93	3734.	.3953	4.116	1.150
43	SD 460-33457-A-1-B@2	26.22	3.549	586.5	-.2077	.5850	.8068

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
44	460-33457-A-1-D MS@5	354.6	224.0	8281.	98.05	1042.	205.1
45	PDS 460-33457-A-1-B	1067.	947.7	22960.	434.0	4592.	913.0
46	460-33494-A-1-C@5	175.4	2.478	762.3	.3378	33.27	2.977
47	460-33494-A-2-C@5	50.23	1.280	359.9	.4347	29.52	1.578
48	460-33494-A-3-C@5	89.46	2.479	318.1	.2865	37.75	3.098
49	CCV 1200071	4640.	2326.	L44120.	1145.	9269.	4650.
50	CCB	-.5523	.4120	-37.17	.2756	-.0572	.7701
51	460-33468-A-1-D@5	H17400.	28.02	4536.	1.305	6.567	.3458
52	LB 460-92588/1-B@5	-.5066	2.106	-15.19	-.7883	-.6763	2.233
53	CCV 1200071	4981.	2490.	47590.	1233.	9890.	4975.
54	CCB	-.6767	.3797	-83.47	.5188	-.4984	3.316
55	MB 460-92663/1-A	-.6183	.3816	-79.65	-.0835	-.3437	-1.346
56	LCS 460-92663/2-A	513.1	500.3	19040.	49.55	498.4	1918.
57	460-33518-H-3-B DU	554.6	1.897	7370.	.0876	.9956	.8177
58	460-33518-H-3-A	536.7	1.531	7013.	-.1194	.3403	-.0758
59	SD 460-33518-H-3-A@5	113.0	.2733	1289.	.0057	-.6548	.5138
60	460-33518-H-3-C MS	1136.	528.2	28740.	53.60	525.6	2049.
61	PDS 460-33518-H-3-A	1047.	497.8	26990.	56.51	495.2	1933.
62	460-32949-A-3-C	609.5	1.876	5214.	.3621	22.19	1.672
63	460-32949-A-17-E	94.03	.3532	2402.	.2322	.1311	.5464

64	460-32949-A-18-C	645.2	4.522	5879.	-.3647	27.26	1.201
65	CCV 1200071	5298.	2650.	50890.	1314.	10520.	5303.
66	CCB	-.6136	.4134	36.64	-.3599	-.4622	1.574
67	460-33541-F-2-A	4196.	1.142	7717.	.2769	1.397	.9387
68	460-33365-F-4-B	38.57	.1018	1203.	.4996	3.264	.8245
69	460-33365-F-5-B	25.09	.7101	1494.	.0612	4.312	.5831
70	460-33372-A-14-B	-.3232	.0136	-8.983	.2238	-.5646	-1.215
71	460-33511-B-7-A	1097.	35.94	27440.	.7902	10.30	12.63
72	460-33395-F-1-D	3.737	.2397	903.3	.2915	2.264	.2639
73	460-33395-F-2-B	8.425	.6227	905.0	.1084	2.295	.7675
74	460-33395-F-3-B	20.02	.4422	1112.	.3414	.6060	.2457
75	460-33395-F-4-B	2.964	.6348	1143.	-.1326	1.399	1.379
76	460-33395-F-5-B	10.47	.3365	1184.	.3561	1.468	-.2777
77	CCV 1200071	5225.	2618.	50010.	1294.	10380.	5236.
78	CCB	-.4972	.7111	34.61	-.1635	.8257	1.009
79	460-33395-F-6-B	15.75	.1334	838.1	.3718	1.412	-2.304
80	460-33426-A-8-A	-.4977	.2262	18.09	-.0996	-.2232	1.122
81	460-33446-B-20-A	162.7	1.310	7899.	.0803	.6113	1.687
82	460-33446-B-26-A	29.02	1.693	15780.	-.0322	3.589	-.8320
83	460-33446-D-45-A	-.4512	.0539	-11.33	.3085	.3461	.0210
84	460-33119-F-1-B	.9402	1.415	1446.	.5246	.0274	.9722
85	CCV 1200071	5060.	2533.	48130.	1250.	10070.	5044.
86	CCB	-.5059	-.2074	-5.183	-.1129	-.2846	-.2291
87	MB 460-92389/1-A	-.5483	.3229	-28.39	-.0060	.4749	1.317
88	LCS 460-92389/2-A	509.4	495.8	18950.	49.10	495.8	1914.
89	460-33168-A-1-D DU	6467.	7.149	5827.	.9161	.3795	1.938
90	460-33168-D-1-G	6512.	7.511	5847.	.3527	.4430	1.215
91	SD 460-33168-D-1-G@5	1322.	2.034	959.8	.1124	.1976	1.766
92	460-33168-D-1-H MS	7163.	537.3	27790.	53.89	527.8	2043.
93	PDS 460-33168-D-1-G	6729.	508.7	26810.	58.36	500.9	1960.
94	460-33104-D-1-D	1237.	16.48	11380.	.1131	.4725	2.825
95	460-33104-D-2-D	381.8	6.830	6022.	.2474	-1.228	-.2036
96	460-33104-D-3-D	-.0296	4.049	8934.	.2354	-.4138	.9485
97	CCV 1200071	5073.	2542.	48280.	1256.	10090.	5068.

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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
98	CCB	-.5936	.1906	5.518	.0185	.5914	-2.126
99	460-33104-D-4-D	1421.	.6882	2257.	.3454	-1.025	.0248
100	460-33104-D-5-D	H18300.	6.373	4182.	1.666	-.1132	-.5710
101	460-33104-D-6-D	3226.	3.127	2720.	.8638	1.286	.8820
102	460-33104-D-7-D	3147.	2.781	2546.	.3804	1.735	4.939
103	460-33104-D-8-D	1397.	28.91	5222.	.1654	.4168	1.085
104	460-32800-A-4-C	273.7	1.004	6473.	.1871	1.473	-.1514
105	460-33168-D-2-D	-.6235	.2786	-1.029	.1278	1.002	-1.997
106	460-33168-D-3-D	-.4045	20.28	7953.	.0452	.4434	-.2205
107	460-33168-D-4-D	236.2	17.63	844.6	.5754	-.0028	.1308
108	CCV 1200071	5174.	2589.	49000.	1276.	10290.	5150.
109	CCB	-.4510	.7255	-13.42	.0720	-.9910	-1.250

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
1	ICV 1200071	121800.	4869.	2442.	2447.	977.5	2442.
2	ICB	-170.0	-1.303	.1268	-.0417	1.521	.3975
3	ICSA 1200073	-934.6	-2.202	-1.151	9.312	-3.368	-2.428
4	ICSAB 1200106	9769.	98.00	101.0	110.2	100.7	100.1
5	INT-20	-427.0	-4.095	19970.	-7.297	11.82	10460.
6	REPLIM	4718.	12.01	52.27	35.24	48.63	20.99
7	MB 460-92605/1-A@2	76.03	-3.987	.0251	.9602	2.544	.7405
8	LCSSRM 460-92605/2-A	4070.	632.3	575.2	3030.	706.8	265.5
9	460-33491-A-7-H DU@4	160.6	1.282	94.41	445.6	8.847	.4474
10	460-33491-A-7-G@4	179.2	-2.029	89.75	180.5	8.481	.0807
11	SD 460-33491-A-7-G@2	-229.0	.8016	16.85	33.60	1.809	-.6744
12	460-33491-A-7-I MS@4	8983.	944.0	328.5	421.3	236.7	241.1
13	CCV 1200071	118700.	4853.	2412.	2431.	970.7	2433.
14	CCB	-193.7	4.312	.3232	-.4149	.5619	-.4992
15	PDS 460-33491-A-7-G	18440.	1921.	572.3	666.9	482.5	487.3
16	460-33494-A-1-B@4	-102.4	2.046	92.84	104.3	6.134	2.252
17	460-33494-A-2-B@4	156.3	.6593	70.59	52.95	8.240	1.894
18	460-33494-A-3-B@4	147.4	2.154	134.3	77.89	8.609	1.810
19	460-31916-B-3-C@4	165.2	2.388	215.6	171.3	9.379	.2894
20	460-33443-H-1-D@4	1353.	8.349	133.0	1726.	24.47	5.660

21	460-33491-A-1-E@4	1701.	-1.997	108.4	245.0	101.0	3.313
22	460-33491-A-2-G@4	2028.	1.469	105.9	289.7	98.60	.8227
23	460-33491-A-3-E@4	847.1	.7425	98.20	456.3	8.916	-.3395
24	460-33491-A-4-E@4	1201.	-.8044	138.8	365.7	32.14	5.260
25	CCV 1200071	119900.	4944.	2448.	2458.	987.4	2473.
26	CCB	-304.0	1.603	-.1803	.2319	.4900	-.2270
27	460-33491-A-5-E@4	-24.36	.1451	116.7	417.0	16.01	1.195
28	460-33491-A-6-E@4	-134.0	.3788	112.6	279.8	8.418	1.973
29	460-33491-A-8-E@4	-22.17	.6637	68.34	145.3	6.648	-.7133
30	460-33384-A-1-E DU@1	-22.74	-.5554	24.03	280.1	7.557	.3375
31	460-33384-A-1-D@10	-35.95	-.9593	25.35	294.0	7.791	.6143
32	SD 460-33384-A-1-D@5	-118.6	-2.689	5.151	57.37	1.912	.4352
33	460-33384-A-1-F MS@1	3468.	368.6	120.4	365.4	99.80	92.91
34	PDS 460-33384-A-1-D	18260.	1870.	497.8	751.9	476.8	476.5
35	460-33384-A-2-D@10	-249.0	-1.235	56.86	396.4	18.17	.5755
36	460-33384-A-3-D@20	-38.49	-.1378	7.705	110.2	4.726	-.3272
37	CCV 1200071	116900.	4854.	2409.	2470.	969.6	2436.
38	CCB	-100.4	1.332	.1498	.1202	1.102	-.0634

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020
39	MB 460-92679/1-A	-205.3	-.4554	.1170	1.479	.6911	-.0137
40	LCS 460-92679/2-A	19650.	1050.	526.8	1081.	1002.	1057.
41	460-33457-A-1-C DU@5	H266700.	.4346	.3448	1797.	46.20	1.665
42	460-33457-A-1-B@5	247500.	1.277	.5539	4862.	44.80	1.600
43	SD 460-33457-A-1-B@2	50560.	-.4027	.1019	1487.	9.760	-.4871
44	460-33457-A-1-D MS@5	H268500.	204.9	102.4	2017.	239.8	207.6
45	PDS 460-33457-A-1-B	H260500.	924.6	456.3	2516.	923.3	919.0
46	460-33494-A-1-C@5	220300.	.6868	3.356	20.93	58.43	-.2490
47	460-33494-A-2-C@5	232400.	-.9084	6.339	20.04	64.68	-.8286
48	460-33494-A-3-C@5	214900.	-.7347	12.44	14.06	35.35	-.7805
49	CCV 1200071	112300.	4627.	2289.	2315.	926.3	2315.
50	CCB	-276.0	2.625	-.0429	-.4495	.7139	-.2842
51	460-33468-A-1-D@5	221600.	-2.018	.8469	27.26	74.21	-.4065
52	LB 460-92588/1-B@5	H261900.	-1.097	-.5302	.6026	6.570	-1.409
53	CCV 1200071	120400.	4946.	2466.	2468.	988.1	2483.
54	CCB	-229.5	.0410	.2454	-.1307	1.017	-.9074
55	MB 460-92663/1-A	-236.8	1.116	.2161	.3884	.6672	-.7894
56	LCS 460-92663/2-A	18430.	1965.	493.3	505.7	480.6	494.1
57	460-33518-H-3-B DU	12260.	.3375	.8597	8.890	244.7	-.2523
58	460-33518-H-3-A	11740.	1.206	.8920	8.019	237.5	1.032
59	SD 460-33518-H-3-A@5	2262.	-.9599	.1960	1.476	49.40	-.6126
60	460-33518-H-3-C MS	33220.	2068.	526.3	533.2	776.1	525.2
61	PDS 460-33518-H-3-A	30940.	1961.	492.8	498.7	725.0	494.0
62	460-32949-A-3-C	9427.	-2.397	9.265	8.371	134.4	.5173
63	460-32949-A-17-E	5308.	-2.062	.4300	.8855	197.6	1.305
64	460-32949-A-18-C	9725.	.4003	21.11	19.51	141.1	.4978
65	CCV 1200071	127500.	5262.	2624.	2615.	1054.	2643.
66	CCB	-210.9	.8274	-.0252	-.1181	.5302	.1839
67	460-33541-F-2-A	H268100.	.6453	.3091	3.015	161.6	-.1234
68	460-33365-F-4-B	12050.	.8692	7.420	6.850	149.8	2.645
69	460-33365-F-5-B	13980.	.8313	12.73	8.599	285.3	4.199
70	460-33372-A-14-B	-205.8	3.337	.0580	1.442	1.251	-1.136
71	460-33511-B-7-A	H257600.	-6.887	21.54	375.9	H4389.	49.80
72	460-33395-F-1-D	11840.	.4229	6.950	11.81	42.84	-1.556
73	460-33395-F-2-B	9332.	.7124	7.365	8.273	38.63	-.2992
74	460-33395-F-3-B	10770.	-.8323	8.269	5.392	95.30	-.4828
75	460-33395-F-4-B	10830.	-.3826	13.66	9.650	143.0	1.419
76	460-33395-F-5-B	12400.	2.035	10.27	3.047	189.6	.4007
77	CCV 1200071	125600.	5210.	2582.	2587.	1037.	2610.
78	CCB	-188.4	5.145	.3695	-.6773	1.141	-.0153
79	460-33395-F-6-B	22390.	-.8866	4.057	.8224	685.6	21.22
80	460-33426-A-8-A	-257.4	-.6628	-.0857	1.300	2.118	-.8291
81	460-33446-B-20-A	49550.	2.180	1.452	26.79	24.69	2.779
82	460-33446-B-26-A	195900.	1.350	1.106	26.78	14.89	3.901
83	460-33446-D-45-A	-107.7	1.113	.6802	1.342	1.471	-1.329
84	460-33119-F-1-B	19180.	.9708	1.346	4.830	121.4	-.9951
85	CCV 1200071	121700.	5029.	2496.	2529.	998.3	2525.
86	CCB	-150.3	2.617	.2528	-.2759	1.242	-1.041
87	MB 460-92389/1-A	-160.2	3.137	.4255	.4003	1.366	-.6609
88	LCS 460-92389/2-A	18360.	1957.	489.0	501.2	477.9	491.1
89	460-33168-A-1-D DU	169400.	-3.923	-.0163	87.80	505.1	3.028
90	460-33168-D-1-G	170300.	-1.544	-.2419	88.54	508.7	2.625

91	SD 460-33168-D-1-G@5	33600.	1.853	.2547	17.24	101.3	.0025
92	460-33168-D-1-H MS	193900.	2078.	523.1	617.2	1034.	527.9
□							
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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020

93	PDS 460-33168-D-1-G	186100.	1986.	496.5	579.0	981.3	503.5
94	460-33104-D-1-D	169500.	-.0617	.0152	59.24	85.00	2.733
95	460-33104-D-2-D	98660.	2.706	4.490	3.194	90.25	2.393
96	460-33104-D-3-D	215700.	-3.886	12.02	.9049	21.40	13.34
97	CCV 1200071	122300.	5046.	2502.	2535.	1002.	2534.
98	CCB	-177.9	1.655	.1666	.4263	.1270	.5090
99	460-33104-D-4-D	113000.	1.496	.1739	4.782	5.625	-.0237
100	460-33104-D-5-D	90450.	-7.395	.1539	4.462	103.2	6.177
101	460-33104-D-6-D	H256600.	-2.226	-.0034	22.50	9.777	.4557
102	460-33104-D-7-D	H259000.	-.6635	-.0377	18.23	9.511	.2948
103	460-33104-D-8-D	72550.	-1.718	-.1299	46.23	69.61	-.0745
104	460-32800-A-4-C	48810.	2.353	1.098	1.902	110.8	5.919
105	460-33168-D-2-D	19.59	.6125	.2539	1.424	3.811	-1.154
106	460-33168-D-3-D	235700.	1.395	13.32	2.366	14.43	17.60
107	460-33168-D-4-D	24920.	-3.083	.1911	43.49	6.116	-1.366
108	CCV 1200071	123500.	5138.	2547.	2591.	1019.	2582.
109	CCB	-166.8	2.927	.3574	.0499	.8814	1.051

#	Sample Name	Sn1899	Ti3349	*Y

1	ICV 1200071	981.4	9778.	1117.79
2	ICB	1.240	-.6201	1102.45
3	ICSA 1200073	-.2174	-1.131	1054.77
4	ICSAB 1200106	101.2	103.6	1037.26
5	INT-20	-.2989	19640.	1095.54
6	REPLIM	47.35	21.23	1149.17
7	MB 460-92605/1-A@2	.4718	-.7879	1108.94
8	LCSSRM 460-92605/2-A	528.9	2093.	1182.69
9	460-33491-A-7-H DU@4	9.762	1253.	1162.21
10	460-33491-A-7-G@4	56.14	1267.	1150.47
11	SD 460-33491-A-7-G@2	11.12	237.8	1210.91
12	460-33491-A-7-I MS@4	270.5	1377.	1177.86
13	CCV 1200071	967.6	9620.	1148.12
14	CCB	.3086	-.5185	1211.16
15	PDS 460-33491-A-7-G	539.5	1730.	1171.25
16	460-33494-A-1-B@4	15.36	245.0	1201.06
17	460-33494-A-2-B@4	15.62	200.0	1224.53
18	460-33494-A-3-B@4	17.35	236.6	1218.16
19	460-31916-B-3-C@4	4.710	2397.	1205.74
20	460-33443-H-1-D@4	16.73	1155.	1111.93
21	460-33491-A-1-E@4	6.396	3420.	1171.76
22	460-33491-A-2-G@4	8.514	4239.	1199.57
23	460-33491-A-3-E@4	23.07	1449.	1197.41
24	460-33491-A-4-E@4	12.35	2593.	1207.07
25	CCV 1200071	980.3	9764.	1132.17
26	CCB	-1.578	-.7104	1131.53
27	460-33491-A-5-E@4	18.13	1175.	1151.33
28	460-33491-A-6-E@4	7.700	1071.	1184.55
29	460-33491-A-8-E@4	40.64	753.1	1150.79
30	460-33384-A-1-E DU@1	-.1435	179.5	1154.56
31	460-33384-A-1-D@10	3.904	209.9	1127.86
32	SD 460-33384-A-1-D@5	-.4739	40.01	1156.13
33	460-33384-A-1-F MS@1	91.57	298.5	1148.27

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#	Sample Name	Sn1899	Ti3349	*Y

34	PDS 460-33384-A-1-D	474.1	684.3	1149.64
35	460-33384-A-2-D@10	.6876	374.1	1141.9
36	460-33384-A-3-D@20	-1.554	69.88	1201.31
37	CCV 1200071	970.9	9592.	1139.18
38	CCB	-.6433	-.5701	1181.9
39	MB 460-92679/1-A	-.4194	-.8108	1125.33
40	LCS 460-92679/2-A	1035.	1057.	1087.06
41	460-33457-A-1-C DU@5	3.647	-.3211	1187.83

42	460-33457-A-1-B@5	2.530	.2500	1151.13
43	SD 460-33457-A-1-B@2	.0313	-.4692	1170.9
44	460-33457-A-1-D MS@5	207.7	204.4	1140.94
45	PDS 460-33457-A-1-B	860.8	907.5	1175.58
46	460-33494-A-1-C@5	2.173	1.603	1194.6
47	460-33494-A-2-C@5	3.360	.6056	1178.82
48	460-33494-A-3-C@5	3.367	.8673	1188.25
49	CCV 1200071	929.8	9145.	1185.82
50	CCB	-1.164	-.3643	1205.55
51	460-33468-A-1-D@5	.7229	2.560	1182.86
52	LB 460-92588/1-B@5	3.325	-.8489	1146.04
53	CCV 1200071	1001.	9880.	1111.49
54	CCB	.6138	-.4987	1284.17
55	MB 460-92663/1-A	.2185	-.6655	1252.12
56	LCS 460-92663/2-A	497.2	503.0	1142.19
57	460-33518-H-3-B DU	-.1704	-1.074	1123.81
58	460-33518-H-3-A	1.106	-1.064	1151.35
59	SD 460-33518-H-3-A@5	-.6095	-.9141	1114.38
60	460-33518-H-3-C MS	533.4	539.3	1057.47
61	PDS 460-33518-H-3-A	497.5	504.7	1122.1
62	460-32949-A-3-C	1.342	83.65	1102.92
63	460-32949-A-17-E	.7194	-.8620	1087.78
64	460-32949-A-18-C	1.608	150.9	1070.87
65	CCV 1200071	1069.	10530.	1051.98
66	CCB	.3443	-.7237	1091.7
67	460-33541-F-2-A	-1.279	-.8404	1090.3
68	460-33365-F-4-B	.4876	-.8850	1125.6
69	460-33365-F-5-B	.7771	-.9007	1086.92
70	460-33372-A-14-B	-.9442	-.7665	1133.69
71	460-33511-B-7-A	23.86	2.161	1103.48
72	460-33395-F-1-D	1.423	-1.100	1116.83
73	460-33395-F-2-B	.5367	-1.079	1101.59
74	460-33395-F-3-B	1.287	-.8936	1116.39
75	460-33395-F-4-B	.4391	-.7357	1149.71
76	460-33395-F-5-B	-.4437	-.7016	1121.07
77	CCV 1200071	1054.	10380.	1069.47
78	CCB	1.169	-.6297	1116.29
79	460-33395-F-6-B	-1.331	-.8753	1115.85
80	460-33426-A-8-A	-1.815	-.7605	1117.54
81	460-33446-B-20-A	2.698	8.627	1125.75
82	460-33446-B-26-A	-1.670	10.66	1134.08
83	460-33446-D-45-A	.2360	-.7309	1156.33
84	460-33119-F-1-B	.0557	.3478	1125.58
85	CCV 1200071	1027.	10010.	1105.95
86	CCB	-.6309	-.5199	1143.12
87	MB 460-92389/1-A	1.153	-.5482	1189.06

□

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#	Sample Name	Sn1899	Ti3349	*Y
88	LCS 460-92389/2-A	499.1	500.0	1168.97
89	460-33168-A-1-D DU	.9533	-.8936	1095.35
90	460-33168-D-1-G	-1.396	-.8973	1111.88
91	SD 460-33168-D-1-G@5	-1.588	-.8785	1132.86
92	460-33168-D-1-H MS	534.9	536.0	1088.93
93	PDS 460-33168-D-1-G	506.6	510.3	1115.36
94	460-33104-D-1-D	1.119	-1.120	1099.07
95	460-33104-D-2-D	.2958	-.9706	1114.46
96	460-33104-D-3-D	1.522	-1.791	1109.38
97	CCV 1200071	1031.	10040.	1106.76
98	CCB	.9676	-.4863	1137.12
99	460-33104-D-4-D	-1.164	-.7069	1138.88
100	460-33104-D-5-D	-2.045	-.9765	1147.04
101	460-33104-D-6-D	1.899	-1.231	1102.01
102	460-33104-D-7-D	-.2179	-1.127	1092.7
103	460-33104-D-8-D	1.621	-1.091	1108.28
104	460-32800-A-4-C	2.456	-.5357	1147.58
105	460-33168-D-2-D	.0139	-.7635	1137.58
106	460-33168-D-3-D	-.3628	-1.033	1108.53
107	460-33168-D-4-D	.3524	-.7226	1167.84
108	CCV 1200071	1048.	10220.	1085.96
109	CCB	-1.942	-.3307	1155.62

Method: SW846 Standard: T2CAL-BLK
Run Time: 11/11/11 18:37:30

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.5139	.0030	-.0727	-.0023	-.0663	-.0478	.1794
SDev	.0547	.0395	.0525	.0007	.0015	.0265	.0019
%RSD	10.64	1317.	72.19	29.29	2.333	55.39	1.051
#1	.5526	.0309	-.0356	-.0028	-.0674	-.0665	.1808
#2	.4752	-.0249	-.1098	-.0018	-.0652	-.0291	.1781

Standardization Rpt. 11/11/11 06:43:36 PM page 2

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0056	-.0093	.0307	-.0336	-.1999	.0037	-.0544
SDev	.0027	.0001	.0036	.0266	.0113	.0000	.0001
%RSD	48.07	1.051	11.81	79.29	5.654	1.051	.1580
#1	.0075	-.0094	.0281	-.0524	-.2079	.0037	-.0543
#2	.0037	-.0092	.0332	-.0148	-.1919	.0037	-.0544

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	11.32	-.1869	.1766	-.1260	-.0038	.0218	-.0145
SDev	.01	.0138	.0908	.0125	.0106	.0109	.0179
%RSD	.0575	7.381	51.43	9.918	279.7	50.24	123.4
#1	11.32	-.1967	.1124	-.1349	-.0112	.0140	-.0272
#2	11.31	-.1772	.2408	-.1172	.0037	.0295	-.0018

Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.0961	-.0897	-.0293	.2841	-.0622	-.1863	.0905
SDev	.0181	.0089	.0089	.1956	.0736	.0250	.0326
%RSD	18.78	9.946	30.19	68.84	118.3	13.42	36.01
#1	.0834	-.0834	-.0356	.4224	-.1143	-.1686	.0674
#2	.1089	-.0960	-.0231	.1458	-.0102	-.2039	.1135

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1076	--	--	--	--	--	--
SDev	11.30240	--	--	--	--	--	--
%RSD	1.050698	--	--	--	--	--	--
#1	1068	--	--	--	--	--	--
#2	1084	--	--	--	--	--	--

Method: SW846 Standard: T2CAL-BLK
Run Time: 11/11/11 18:57:46

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	.7941	.0528	-.0621	.0000	-.0592	-.0185	.1864
SDev	.0511	.0102	.0473	.0000	.0020	.0123	.0065
%RSD	6.434	19.39	76.15	.0000	3.427	66.28	3.508
#1	.8302	.0600	-.0287	.0000	-.0606	-.0099	.1818
#2	.7579	.0455	-.0955	.0000	-.0578	-.0272	.1910

Standardization Rpt. 11/11/11 07:03:52 PM page 2

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	.0183	-.0013	.0335	-.0018	-.1788	.0076	-.0572
SDev	.0108	.0006	.0006	.0038	.0105	.0019	.0100
%RSD	58.82	47.34	1.663	212.4	5.880	24.74	17.46

#1	.0260	-.0018	.0331	.0009	-.1863	.0063	-.0502
#2	.0107	-.0009	.0339	-.0045	-.1714	.0089	-.0643
Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	10.86	-.1641	.2566	-.0992	.0009	.0286	-.0054
SDev	.04	.0003	.0246	.0099	.0013	.0039	.0038
%RSD	.3822	.1623	9.584	9.971	141.4	13.48	70.88
#1	10.83	-.1639	.2740	-.0922	.0018	.0313	-.0081
#2	10.89	-.1643	.2393	-.1062	.0000	.0259	-.0027
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	.1028	-.0429	-.0161	.1910	-.0099	-.2052	.0966
SDev	.0066	.0113	.0026	.0516	.0329	.0457	.0116
%RSD	6.371	26.30	15.93	27.04	333.2	22.27	12.01
#1	.1075	-.0349	-.0179	.2275	-.0331	-.1728	.1048
#2	.0982	-.0509	-.0143	.1544	.0134	-.2375	.0884
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1118	--	--	--	--	--	--
SDev	2.494727	--	--	--	--	--	--
%RSD	.2230669	--	--	--	--	--	--
#1	1117	--	--	--	--	--	--
#2	1120	--	--	--	--	--	--

Method: SW846		Standard: T2CAL1					
Run Time: 11/11/11 19:03:56							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	56.58	4.389	27.89	17.58	10.89	56.97	71.28
SDev	.60	.039	.36	.25	.16	.76	.98
%RSD	1.062	.8921	1.276	1.411	1.444	1.332	1.376
#1	56.16	4.361	27.64	17.41	10.77	56.43	70.58
#2	57.01	4.417	28.15	17.76	11.00	57.50	71.97
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	18.74	3.784	12.45	21.13	33.89	15.31	13.16
SDev	.25	.060	.16	.32	.42	.21	.19
%RSD	1.332	1.591	1.263	1.496	1.251	1.351	1.429
#1	18.56	3.741	12.34	20.90	33.59	15.16	13.02
#2	18.91	3.827	12.56	21.35	34.19	15.46	13.29
Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	4.013	12.35	4.556	4.392	2.206	28.57	4.606
SDev	.048	.20	.062	.046	.024	.36	.040
%RSD	1.194	1.587	1.350	1.053	1.082	1.251	.8731
#1	3.979	12.21	4.513	4.360	2.189	28.32	4.578
#2	4.047	12.49	4.600	4.425	2.223	28.82	4.634
Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	49.01	71.57	64.22	11.84	10.37		
SDev	.67	.89	.73	.14	.21		
%RSD	1.360	1.248	1.129	1.196	2.011		
#1	48.54	70.94	63.70	11.74	10.22		
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#2	49.48	72.20	64.73	11.94	10.52		
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1101	--	--	--	--	--	--
SDev	11.91896	--	--	--	--	--	--
%RSD	1.082239	--	--	--	--	--	--

Standardization Rpt.

#1	1110	--	--	--	--	--	--
#2	1093	--	--	--	--	--	--

Method: SW846 Standard: T2CAL2
Run Time: 11/11/11 19:10:06

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	276.7	21.69	136.4	83.74	52.27	274.9	341.7
SDev	.0	.05	.0	.19	.12	.3	.4
%RSD	.0172	.2294	.0340	.2246	.2236	.1259	.1283

#1	276.8	21.72	136.4	83.87	52.35	274.7	342.0
#2	276.7	21.65	136.4	83.60	52.19	275.2	341.4

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	90.87	18.43	61.51	102.2	173.2	73.58	64.12
SDev	.20	.02	.07	.1	.1	.13	.07
%RSD	.2149	.0943	.1104	.1416	.0665	.1776	.1138

#1	91.01	18.45	61.56	102.3	173.3	73.68	64.07
#2	90.73	18.42	61.47	102.1	173.2	73.49	64.17

Elem	Ag3280	Tl1908	V_2924	Zn2062	B_2496	Mo2020	Sn1899
Avge	20.86	60.73	22.32	20.79	11.02	139.7	22.76
SDev	.03	.08	.02	.02	.02	.0	.16
%RSD	.1580	.1360	.1000	.0873	.1876	.0256	.7138

#1	20.88	60.78	22.33	20.78	11.03	139.7	22.87
#2	20.83	60.67	22.30	20.80	11.00	139.7	22.64

Elem	Ti3349	2203/1	2203/2	1960/1	1960/2		
Avge	237.1	347.7	313.6	58.75	50.64		
SDev	.4	.9	.7	.10	.09		
%RSD	.1639	.2493	.2171	.1713	.1765		

#1	237.3	348.3	314.1	58.82	50.70		
#2	236.8	347.0	313.1	58.68	50.57		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1082	--	--	--	--	--	--
SDev	2.286790	--	--	--	--	--	--
%RSD	.2112970	--	--	--	--	--	--

#1	1081	--	--	--	--	--	--
#2	1084	--	--	--	--	--	--

Method: SW846 Standard: T2CAL3
Run Time: 11/11/11 19:16:15

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Avge	546.5	43.49	268.6	160.1	102.4	533.4	652.0
SDev	.5	.10	.2	.1	.3	1.9	2.4
%RSD	.1001	.2206	.0855	.0794	.2856	.3546	.3740

#1	546.9	43.56	268.4	160.2	102.2	532.1	650.3
#2	546.1	43.42	268.8	160.0	102.6	534.8	653.8

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	177.6	36.11	122.5	199.7	350.6	141.8	125.5
SDev	.6	.12	.2	.5	.5	.4	.3
%RSD	.3199	.3304	.1338	.2561	.1531	.2788	.2440

#1	177.2	36.03	122.6	199.4	351.0	141.5	125.3
#2	178.0	36.20	122.4	200.1	350.2	142.1	125.7

Standardization Rpt. 11/11/11 07:22:21 PM page 7

Elem	K_7664	Ag3280	Na3302	Tl1908	V_2924	Zn2062	B_2496
Avge	597.2	42.15	156.5	119.8	44.01	40.08	22.02
SDev	.4	.00	.3	.3	.11	.24	.00

%RSD	.0722	.0054	.1730	.2258	.2406	.5952	.0167
#1	597.5	42.15	156.7	119.6	43.94	39.91	22.02
#2	596.9	42.15	156.3	120.0	44.09	40.25	22.02
Elem	Mo2020	Sn1899	Ti3349	2203/1	2203/2	1960/1	1960/2
Avge	273.3	44.87	461.9	681.3	614.6	116.4	100.1
SDev	.7	.03	.8	2.6	2.5	.0	.0
%RSD	.2724	.0772	.1806	.3822	.4017	.0426	.0183
#1	272.8	44.85	461.3	679.5	612.9	116.4	100.1
#2	273.8	44.90	462.5	683.1	616.4	116.5	100.1
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1069	--	--	--	--	--	--
SDev	.2425501	--	--	--	--	--	--
%RSD	.0226851	--	--	--	--	--	--
#1	1069	--	--	--	--	--	--
#2	1069	--	--	--	--	--	--

Method: SW846

Slope = Conc(SIR)/IR

Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Al3082	308.215	Multiple	Standards	453.440	-362.523	11/11/11 07:16:15
Sb2068	206.838	Multiple	Standards	47.3091	-2.49612	11/11/11 07:16:15
As1890	189.042	Multiple	Standards	36.5484	2.08079	11/11/11 07:16:15
Ba4934	493.409	Multiple	Standards	119.218	-.853615	11/11/11 07:16:15
Be3130	313.042	Multiple	Standards	18.9466	1.05658	11/11/11 07:16:15
Cd2265	226.502	Multiple	Standards	9.10500	.016670	11/11/11 07:16:15
Ca3179	317.933	Multiple	Standards	366.665	-77.9065	11/11/11 07:16:15
Cr2677	267.716	Multiple	Standards	54.9180	-1.25196	11/11/11 07:16:15
Co2286	228.616	Multiple	Standards	136.528	.073288	11/11/11 07:16:15
Cu3247	324.754	Multiple	Standards	202.935	-6.97079	11/11/11 07:16:15
Fe2714	271.441	Multiple	Standards	977.525	-3.55682	11/11/11 07:16:15
Mg3832	383.231	Multiple	Standards	722.264	132.603	11/11/11 07:16:15
Mn2576	257.610	Multiple	Standards	67.9198	-.862339	11/11/11 07:16:15
Ni2316	231.604	Multiple	Standards	38.8705	2.10447	11/11/11 07:16:15
K_7664	766.491	T2CAL3	T2CAL-BLK	1.08471	1.43073	11/11/11 07:16:15
Ag3280	328.068	Multiple	Standards	59.4135	9.76277	11/11/11 07:16:15
Pb2203	220.353	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Se1960	196.026	NONE	NONE	1.00000	.000000	*NOT STANDARDIZED
Na3302	330.232	T2CAL3	T2CAL-BLK	1.09019	-.091238	11/11/11 07:16:15
Tl1908	190.864	Multiple	Standards	82.1641	7.97508	11/11/11 07:16:15
V_2924	292.402	Multiple	Standards	111.587	-.181011	11/11/11 07:16:15
Zn2062	206.200	Multiple	Standards	119.722	-3.62717	11/11/11 07:16:15
B_2496	249.678	Multiple	Standards	91.1255	.485443	11/11/11 07:16:15
Mo2020	202.030	Multiple	Standards	17.9312	-1.93522	11/11/11 07:16:15
Sn1899	189.989	Multiple	Standards	44.1487	1.86211	11/11/11 07:16:15
□□Standardization	Report				11/11/11 07:22:21 PM	page 8

Element	Wavlen	High std	Low std	Slope	Y-intercept	Date Standardized
Ti3349	334.941	Multiple	Standards	42.0765	.124079	11/11/11 07:16:15
2203/1	220.351	Multiple	Standards	28.8828	-5.95498	11/11/11 07:16:15
2203/2	220.352	Multiple	Standards	31.7236	-.088687	11/11/11 07:16:15
1960/1	196.021	Multiple	Standards	84.4033	17.1598	11/11/11 07:16:15
1960/2	196.022	Multiple	Standards	98.1833	-9.60847	11/11/11 07:16:15

Method: SW846

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Al3082	308.215	T2CAL-BLK	.000000	-2.46205	2.46205
		T2CAL1	25000.0	25294.6	-294.643
		T2CAL2	125000.	125123.	-123.211
		T2CAL3	250000.	247450.	2549.70

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sb2068	206.838	T2CAL-BLK	.000000	.000213	-.000213
		T2CAL1	200.000	205.144	-5.14441
		T2CAL2	1000.00	1023.58	-23.5843
		T2CAL3	2000.00	2055.08	-55.0771

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
As1890	189.042	T2CAL-BLK	.000000	-.188534	.188534
		T2CAL1	1000.00	1021.59	-21.5883
		T2CAL2	5000.00	4987.19	12.8081
		T2CAL3	10000.0	9819.33	180.667

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ba4934	493.409	T2CAL-BLK	.000000	-.853615	.853615
		T2CAL1	2000.00	2095.24	-95.2449
		T2CAL2	10000.0	9982.06	17.9424
		T2CAL3	20000.0	19083.4	916.564

CorCoef: 0.99971

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Be3130	313.042	T2CAL-BLK	.000000	-.065065	.065065
		T2CAL1	200.000	207.307	-7.30653
		T2CAL2	1000.00	991.436	8.56372
		T2CAL3	2000.00	1941.01	58.9937

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cd2265	226.502	T2CAL-BLK	.000000	-.152137	.152137
		T2CAL1	500.000	518.694	-18.6942
		T2CAL2	2500.00	2503.20	-3.19604
		T2CAL3	5000.00	4856.92	143.083

CorCoef: 0.99987

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ca3179	317.933	T2CAL-BLK	.000000	-9.55140	9.55140
		T2CAL1	25000.0	26056.5	-1056.47
		T2CAL2	125000.	125216.	-215.703
		T2CAL3	250000.	239004.	10996.1

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CorCoef: 0.99969

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cr2677	267.716	T2CAL-BLK	.000000	-.244646	.244646
		T2CAL1	1000.00	1027.67	-27.6711
		T2CAL2	5000.00	4989.27	10.7256
		T2CAL3	10000.0	9751.49	248.512

CorCoef: 0.99993

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Co2286	228.616	T2CAL-BLK	.000000	-.109925	.109925
		T2CAL1	500.000	516.691	-16.6906
		T2CAL2	2500.00	2516.85	-16.8494
		T2CAL3	5000.00	4930.38	69.6240

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Cu3247	324.754	T2CAL-BLK	.000000	-.166342	.166342
		T2CAL1	2500.00	2519.01	-19.0103
		T2CAL2	12500.0	12476.2	23.7588
		T2CAL3	25000.0	24857.4	142.588

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Fe2714	271.441	T2CAL-BLK	.000000	-5.30081	5.30081
		T2CAL1	20000.0	20647.9	-647.926
		T2CAL2	100000.	99904.4	95.5859
		T2CAL3	200000.	195246.	4753.84

CorCoef: 0.99992

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mg3832	383.231	T2CAL-BLK	.000000	3.43157	-3.43157
		T2CAL1	25000.0	24612.8	387.156
		T2CAL2	125000.	125264.	-264.156
		T2CAL3	250000.	253343.	-3343.27

CorCoef: 0.99998

Known	Measured	Residual

Element	Wavelength	Standard	Concentration	Concentration	Concentration
Mn2576	257.610	T2CAL-BLK	.000000	-.346270	.346270
		T2CAL1	1000.00	1038.99	-38.9882
		T2CAL2	5000.00	4996.88	3.11670
		T2CAL3	10000.0	9628.35	371.647

CorCoef: 0.99980

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ni2316	231.604	T2CAL-BLK	.000000	-.119490	.119490
		T2CAL1	500.000	513.541	-13.5412
		T2CAL2	2500.00	2494.47	5.53027
		T2CAL3	5000.00	4879.47	120.526

CorCoef: 0.99993

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
K_7664	766.491	T2CAL-BLK	13.2139	10.8630	2.35092
		T2CAL3	649.204	597.187	52.0177

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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ag3280	328.068	T2CAL-BLK	.000000	.014384	-.014384
		T2CAL1	250.000	248.199	1.80142
		T2CAL2	1250.00	1248.94	1.06140
		T2CAL3	2500.00	2514.02	-14.0171

CorCoef: 0.99999

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Pb2203	220.353	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Se1960	196.026	NONE	.000000	.000000	.000000
		NONE	.000000	.000000	.000000

Element	Wavelength	Standard	Known Signal	Measured Signal	Residual Signal
Na3302	330.232	T2CAL-BLK	.188557	.256650	-.068092
		T2CAL3	170.478	156.459	14.0190

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Tl1908	190.864	T2CAL-BLK	.000000	-.178885	.178885
		T2CAL1	1000.00	1022.58	-22.5757
		T2CAL2	5000.00	4997.44	2.56104
		T2CAL3	10000.0	9850.72	149.282

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
V_2924	292.402	T2CAL-BLK	.000000	-.081077	.081077
		T2CAL1	500.000	508.233	-8.23315
		T2CAL2	2500.00	2489.92	10.0833
		T2CAL3	5000.00	4910.85	89.1509

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Zn2062	206.200	T2CAL-BLK	.000000	-.201056	.201056
		T2CAL1	500.000	522.221	-22.2214
		T2CAL2	2500.00	2485.31	14.6858
		T2CAL3	5000.00	4795.16	204.842

CorCoef: 0.99982

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
B_2496	249.678	T2CAL-BLK	.000000	-.003825	.003825
		T2CAL1	200.000	201.477	-1.47696
		T2CAL2	1000.00	1004.56	-4.56073
		T2CAL3	2000.00	2007.25	-7.24902

CorCoef: 1.00000

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Mo2020	202.030	T2CAL-BLK	.000000	-.091275	.091275
		T2CAL1	500.000	510.387	-10.3871
		T2CAL2	2500.00	2502.90	-2.90381

CorCoef: 0.99994
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Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Sn1899	189.989	T2CAL-BLK	.000000	-.032176	.032176
		T2CAL1	200.000	205.213	-5.21286
		T2CAL2	1000.00	1006.50	-6.49890
		T2CAL3	2000.00	1982.99	17.0063

CorCoef: 0.99997

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
Ti3349	334.941	T2CAL-BLK	.000000	-.553254	.553254
		T2CAL1	2000.00	2062.30	-62.2986
		T2CAL2	10000.0	9974.87	25.1260
		T2CAL3	20000.0	19434.5	565.506

CorCoef: 0.99990

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/1	220.351	T2CAL-BLK	.000000	-.439536	.439536
		T2CAL1	2000.00	2061.19	-61.1907
		T2CAL2	10000.0	10035.4	-35.3535
		T2CAL3	20000.0	19672.1	327.861

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
2203/2	220.352	T2CAL-BLK	.000000	-.401875	.401875
		T2CAL1	2000.00	2037.11	-37.1099
		T2CAL2	10000.0	9948.35	51.6475
		T2CAL3	20000.0	19497.6	502.449

CorCoef: 0.99994

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/1	196.021	T2CAL-BLK	.000000	-.156125	.156125
		T2CAL1	1000.00	1016.47	-16.4694
		T2CAL2	5000.00	4975.79	24.2114
		T2CAL3	10000.0	9845.50	154.499

CorCoef: 0.99998

Element	Wavelength	Standard	Known Concentration	Measured Concentration	Residual Concentration
1960/2	196.022	T2CAL-BLK	.000000	-.125776	.125776
		T2CAL1	1000.00	1008.51	-8.50873
		T2CAL2	5000.00	4962.19	37.8066
		T2CAL3	10000.0	9820.25	179.752

CorCoef: 0.99998

Method: SW846 Sample Name: ICV 1200071 Operator:
 Run Time: 11/11/11 19:22:25
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	121500.	972.6	4869.	9686.	972.9	2442.	123200.
SDev	435.	1.3	12.	8.	2.5	11.	498.
%RSD	.3579	.1313	.2561	.0835	.2592	.4374	.4047
#1	121800.	973.5	4877.	9692.	974.6	2450.	123500.
#2	121200.	971.7	4860.	9680.	971.1	2435.	122800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	131800.	1054.	5272.	10540.	1054.	2636.	131800.
Low	118200.	946.0	4728.	9455.	946.0	2364.	118200.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4899.	2447.	12080.	97780.	121300.	4883.	2441.
SDev	15.	7.	20.	331.	348.	14.	7.
%RSD	.3077	.2819	.1682	.3388	.2865	.2879	.2669
#1	4909.	2452.	12090.	98020.	121500.	4893.	2446.
#2	4888.	2442.	12060.	97550.	121000.	4873.	2436.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	5272.	2636.	13180.	105400.	131800.	5272.	2636.
Low	4728.	2364.	11820.	94560.	118200.	4728.	2364.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48840.	1216.	9780.	4872.	121800.	4869.	2442.
SDev	150.	4.	30.	13.	610.	13.	7.
%RSD	.3073	.3078	.3095	.2688	.5012	.2635	.2729
#1	48950.	1219.	9801.	4881.	122200.	4878.	2447.
#2	48740.	1214.	9758.	4862.	121300.	4860.	2438.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	52720.	1318.	10540.	5272.	131800.	5272.	2636.
Low	47280.	1182.	9455.	4728.	118200.	4728.	2364.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2447.	977.5	2442.	981.4	9778.	9772.	9783.
SDev	10.	2.0	13.	5.9	17.	39.	26.
%RSD	.4125	.2031	.5169	.5997	.1691	.3953	.2667
#1	2455.	978.9	2451.	985.6	9790.	9799.	9802.
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#2	2440.	976.1	2433.	977.3	9767.	9744.	9765.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2636.	1054.	2636.	1054.	10540.		
Low	2364.	946.0	2364.	946.0	9455.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4861.	4877.					
SDev	8.	15.					
%RSD	.1730	.3164					
#1	4867.	4888.					
#2	4855.	4866.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1118	--	--	--	--	--	--
SDev	3.256903	--	--	--	--	--	--
%RSD	.2913704	--	--	--	--	--	--
#1	1115	--	--	--	--	--	--
#2	1120	--	--	--	--	--	--

Method: SW846 Sample Name: ICB Operator:
Run Time: 11/11/11 19:28:34
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	-83.61	-1.484	-.7379	-.9076	-.0868	-.2737	-9.891
SDev	35.66	.036	.4763	.0763	.0111	.1560	.423
%RSD	42.65	2.420	64.54	8.409	12.78	57.01	4.280
#1	-108.8	-1.458	-.4011	-.9615	-.0947	-.1634	-10.19
#2	-58.40	-1.509	-1.075	-.8536	-.0790	-.3840	-9.592
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	-.2301	-.7299	.2079	-11.91	1.256	-.4926	.3417
SDev	.3904	.2604	.2405	5.59	6.586	.0880	.0049
%RSD	169.7	35.68	115.7	46.97	524.4	17.87	1.446
#1	-.5061	-.9141	.3779	-15.86	-3.401	-.5548	.3452
#2	.0460	-.5458	.0378	-7.952	5.913	-.4303	.3382
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	34.27	-.1527	.3835	-.2427	-170.0	-1.303	.1268
SDev	8.85	.3533	.9690	1.1168	138.2	.925	.5669
%RSD	25.83	231.3	252.6	460.2	81.32	71.02	447.0
#1	28.01	-.4025	-.3016	.5470	-267.7	-.6485	-.2740
#2	40.53	.0970	1.069	-1.032	-72.22	-1.957	.5277
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	-.0417	1.521	.3975	1.240	-.6201	3.434	-1.143
SDev	1.3923	.060	.9942	.086	.0248	1.271	.818
%RSD	3342.	3.933	250.1	6.923	4.005	37.01	71.57
#1	-1.026	1.479	1.101	1.301	-.6376	2.535	-1.722
#2	.9428	1.563	-.3054	1.179	-.6025	4.332	-.5647
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	-.4975	-.1249					
SDev	6.8157	1.7284					
%RSD	1370.	1384.					
#1	4.322	-1.347	Analysis Report				11/11/11 07:34:39
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#2	-5.317	1.097					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1102	--	--	--	--	--	--
SDev	3.049053	--	--	--	--	--	--
%RSD	.2765704	--	--	--	--	--	--
#1	1105	--	--	--	--	--	--
#2	1100	--	--	--	--	--	--

Method: SW846		Sample Name: ICSA 1200073			Operator:		
Run Time: 11/11/11		19:34:42					
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	477300.	-2.832	-.9126	3.443	-.0597	-1.943	452500.
SDev	1803.	.924	2.1730	.969	.0205	.227	2064.

%RSD	.3778	32.63	238.1	28.15	34.37	11.66	.4562
#1	478500.	-3.485	.6240	4.128	-.0452	-2.104	454000.
#2	476000.	-2.178	-2.449	2.757	-.0742	-1.783	451100.
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	600000.	20.00	10.00	100.0	5.000	8.000	600000.
Elem Units	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avg	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	-2.862	1.046	2.650	195800.	520300.	-6.773	1.717
%RSD							

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SDev	.311	.090	.567	992.	2496.	.102	.288
%RSD	10.85	8.616	21.40	.5066	.4797	1.512	16.75
#1	-3.081	.9821	3.051	196500.	522100.	-6.700	1.514
#2	-2.642	1.110	2.249	195100.	518600.	-6.845	1.920
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	20.00	20.00	50.00	240000.	600000.	20.00	20.00
Elem Units	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Avg	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	-3.248	1.341	.9884	-4.987	-934.6	-2.202	-1.151
%RSD	9.507	.180	1.370	3.121	42.5	2.670	.284
#1	292.7	13.41	138.6	62.59	4.549	121.2	24.71
#2							
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	2000.	10.00	10.00	10.00	2000.	20.00	20.00
Elem Units	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Avg	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	9.312	-3.368	-2.428	-.2174	-1.131	-24.36	13.64
%RSD	.352	1.291	1.400	4.4800	.364	2.14	.99
#1	3.775	38.32	57.67	2061.	32.16	8.766	7.227
#2							
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Low	30.00	30.00	30.00	50.00	30.00		
Elem Units	1960/1	1960/2					
Avg	ppb	ppb					
SDev	2.651	-8.811					
%RSD	9.035	.169					
#1	340.8	1.921					
#2							
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avg	1055	--	--	--	--	--	--
SDev	2.494640	--	--	--	--	--	--
%RSD	.2365095	--	--	--	--	--	--

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#1	1053	--	--	--	--	--	--
#2	1057	--	--	--	--	--	--

Method: SW846		Sample Name: ICSAB 1200106			Operator:		
Run Time: 11/11/11 19:40:51							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	490200.	105.6	105.6	110.2	103.0	101.2	470500.
SDev	258.	.6	.2	.3	.2	.1	1969.
%RSD	.0527	.6126	.1458	.3040	.2208	.1040	.4185
#1	490400.	105.1	105.7	110.5	102.9	101.1	469100.
#2	490100.	106.0	105.5	110.0	103.2	101.3	471900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	600000.	120.0	120.0	120.0	120.0	120.0	600000.
Low	400000.	80.00	80.00	80.00	80.00	80.00	400000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	99.19	102.5	111.4	203800.	535500.	98.02	102.9
SDev	.50	.5	.6	600.	574.	.42	.2
%RSD	.5030	.5160	.5215	.2945	.1071	.4290	.2321
#1	98.83	102.9	111.8	203300.	535900.	97.73	102.7
#2	99.54	102.1	111.0	204200.	535000.	98.32	103.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	120.0	120.0	120.0	240000.	600000.	120.0	120.0
Low	80.00	80.00	80.00	160000.	400000.	80.00	80.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10840.	107.8	101.8	102.3	9769.	98.00	101.0
Report	11/11/11 07:46:56 PM						Analysis
SDev	43.	.2	2.2	3.5	17.	.81	.6
%RSD	.3950	.1896	2.157	3.408	.1692	.8252	.6259
#1	10870.	107.6	103.4	99.81	9757.	98.57	100.5
#2	10810.	107.9	100.3	104.7	9780.	97.43	101.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	12000.	120.0	120.0	120.0	12000.	120.0	120.0
Low	8000.	80.00	80.00	80.00	8000.	80.00	80.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	110.2	100.7	100.1	101.2	103.6	82.51	111.5
SDev	.5	.5	4.6	1.6	.2	2.45	2.1
%RSD	.4397	.4556	4.633	1.608	.2378	2.969	1.857
#1	109.8	100.4	103.4	102.4	103.4	84.24	112.9
#2	110.5	101.1	96.86	100.1	103.7	80.77	110.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	120.0	120.0	120.0	120.0	120.0		
Low	80.00	80.00	80.00	80.00	80.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	111.7	97.56					
SDev	3.6	3.42					
%RSD	3.233	3.508					
#1	109.1	95.14					
#2	114.3	99.98					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1037	--	--	--	--	--	--
SDev	2.182778	--	--	--	--	--	--
%RSD	.2104376	--	--	--	--	--	--
#1	1039	--	--	--	--	--	--
#2	1036	--	--	--	--	--	--

Method: SW846 Sample Name: INT-20 Operator:
Run Time: 11/11/11 19:46:59
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-88.69	-33.01	-3.043	10470.	-.5253	-1.924	48.11
SDev	26.50	4.62	.354	7.	.0329	.027	3.72
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Analysis

%RSD	29.88	14.00	11.64	.0623	6.262	1.414	7.727

#1	-107.4	-29.74	-2.793	10470.	-.5020	-1.905	45.48
#2	-69.95	-36.27	-3.294	10480.	-.5485	-1.943	50.73

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20470.	20040.	-.3946	31.10	35.04	19300.	10720.
SDev	37.	47.	.4017	4.50	10.13	44.	14.
%RSD	.1829	.2335	101.8	14.47	28.90	.2294	.1351

#1	20490.	20070.	-.6786	27.92	27.88	19330.	10710.
#2	20440.	20010.	-.1106	34.29	42.20	19270.	10730.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.40	2.144	-1.584	-5.008	-427.0	-4.095	19970.
SDev	2.17	.681	1.001	.259	83.0	2.181	7.
%RSD	3.426	31.78	63.22	5.170	19.43	53.27	.0328

#1	64.94	1.662	-2.292	-4.825	-485.7	-5.637	19970.
#2	61.87	2.626	-.8760	-5.192	-368.3	-2.552	19960.

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-7.297	11.82	10460.	-.2989	19640.	-4.010	-.3774
SDev	.510	.94	17.	1.9210	17.	5.919	4.4564
%RSD	6.992	7.975	.1662	642.6	.0864	147.6	1181.

#1	-7.658	12.48	10450.	1.059	19650.	.1757	-3.529
#2	-6.936	11.15	10480.	-1.657	19630.	-8.195	2.774

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-14.78	-.1382
SDev	1.54	.3796
%RSD	10.40	274.7

#1	-13.70	-.4065
#2	-15.87	.1302

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1096	--	--	--	--	--	--
SDev	1.455214	--	--	--	--	--	--
%RSD	.1328305	--	--	--	--	--	--
#1	1097	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846 Sample Name: REPLIM Operator:
Run Time: 11/11/11 19:53:07
Comment:
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Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	92.97	9.767	2.563	202.3	2.015	4.192	5227.
SDev	13.00	1.699	.741	.2	.003	.116	22.
%RSD	13.98	17.40	28.89	.0942	.1308	2.758	.4123
#1	83.77	8.566	3.087	202.2	2.014	4.110	5212.
#2	102.2	10.97	2.039	202.5	2.017	4.274	5242.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.69	51.98	24.02	152.5	4797.	16.55	42.85
SDev	1.05	.61	.04	6.1	13.	1.04	1.28
%RSD	8.949	1.176	.1658	4.007	.2668	6.275	2.976
#1	12.43	52.41	24.05	156.8	4788.	17.29	43.75
#2	10.95	51.55	23.99	148.2	4806.	15.82	41.95
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4558.	9.616	5.221	3.251	4718.	12.01	52.27
SDev	14.	.293	.579	2.486	45.	.47	.96
%RSD	.3007	3.047	11.09	76.47	.9463	3.934	1.829
#1	4548.	9.823	5.631	1.493	4687.	11.67	52.94
#2	4567.	9.409	4.811	5.008	4750.	12.34	51.59
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.24	48.63	20.99	47.35	21.23	5.345	5.156
SDev	.25	.25	.28	1.08	1.00	.596	.569
%RSD	.7195	.5062	1.329	2.275	4.726	11.14	11.04
#1	35.06	48.45	21.19	46.59	21.94	5.766	5.559
#2	35.42	48.80	20.79	48.11	20.52	4.924	4.754
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.502	2.117					
SDev	1.474	2.991					
%RSD	26.79	141.3					
#1	4.460	.0025					
#2	6.545	4.232					

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1149	--	--	--	--	--	--
SDev	3.152978	--	--	--	--	--	--
%RSD	.2743695	--	--	--	--	--	--

#1 1151 -- -- -- -- -- --
#2 1147 -- -- -- -- -- --
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Method: SW846 Sample Name: MB 460-92605/1-A@2 Operator:
Run Time: 11/11/11 19:59:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-166.1	-2.596	-2.503	-.9070	-.0766	-.1340	16.01

SDev	15.1	.210	.464	.0755	.0081	.1263	2.32
%RSD	9.110	8.102	18.55	8.324	10.57	94.26	14.50
#1	-176.8	-2.448	-2.831	-.8536	-.0709	-.0447	17.65
#2	-155.4	-2.745	-2.175	-.9604	-.0823	-.2233	14.37
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1879	-1.222	-.5668	-7.861	-.2792	-.4953	-.2958
SDev	.0947	.796	.1962	1.216	3.1417	.0830	.1007
%RSD	50.40	65.13	34.61	15.47	1125.	16.75	34.03
#1	-.2548	-1.784	-.7055	-8.720	-2.501	-.5539	-.2246
#2	-.1209	-.6590	-.4281	-7.001	1.942	-.4366	-.3669
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.74	.0678	1.498	.3730	76.03	-3.987	.0251
SDev	13.24	.4355	.094	1.160	37.29	.271	.1407
%RSD	44.53	642.2	6.257	311.1	49.05	6.805	561.3
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#1	39.10	.3758	1.432	-.4476	49.66	-4.179	-.0744
#2	20.37	-.2401	1.564	1.193	102.4	-3.795	.1246
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.9602	2.544	.7405	.4718	-.7879	3.052	.7178
SDev	.1842	.023	.0996	1.281	.2772	1.141	.4291
%RSD	19.18	.8876	13.45	271.6	35.18	37.39	59.78
#1	.8299	2.560	.6701	1.378	-.9839	2.245	1.021
#2	1.090	2.528	.8109	-.4342	-.5919	3.859	.4144
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-5.804	3.447					
SDev	2.862	.311					
%RSD	49.31	9.026					
#1	-7.827	3.227					
#2	-3.780	3.667					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1109	--	--	--	--	--	--
SDev	10.84484	--	--	--	--	--	--
%RSD	.9779431	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1117	--	--	--	--	--	--

Method: SW846 Sample Name: LCSSRM 460-92605/2-A Operator:
Run Time: 11/11/11 20:05:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	39870.	565.6	528.6	954.5	392.8	314.2	51030.
SDev	122.	.2	4.1	3.7	.7	2.1	192.
%RSD	.3064	.0341	.7827	.3854	.1674	.6687	.3754
#1	39960.	565.5	531.5	957.1	392.3	315.7	50890.
#2	39790.	565.8	525.6	951.9	393.2	312.7	51170.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	81000.	1190.	680.0	1250.	488.5	385.5	61500.
Low	24200.	108.0	362.5	725.0	287.0	222.5	37200.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1211.	472.4	872.2	84630.	17540.	2825.	703.2
SDev	3.	1.8	3.4	142.	45.	5.	4.3
%RSD	.2875	.3840	.3865	.1678	.2556	.1769	.6052
#1	1208.	471.1	874.6	84530.	17570.	2822.	706.2
#2	1213.	473.7	869.9	84730.	17510.	2829.	700.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1525.	575.0	1080.	142500.	26150.	3420.	850.0
Low	835.0	339.5	655.0	37850.	13900.	2160.	490.5
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18510.	148.7	434.9	1403.	4070.	632.3	575.2
SDev	221.	.2	4.0	9.	8.	7.3	.7
%RSD	1.195	.1641	.9261	.6226	.1852	1.162	.1196
#1	18670.	148.9	437.7	1409.	4075.	637.5	574.8
#2	18360.	148.6	432.0	1397.	4065.	627.1	575.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	28950.	203.0	560.0	1865.	7100.	805.0	760.0
Low	14050.	98.00	300.0	995.0	3070.	410.5	389.0
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3030.	706.8	265.5	528.9	2093.	426.9	438.8
SDev	14.	4.8	1.3	4.6	2.	9.9	11.0
%RSD	.4553	.6835	.4870	.8611	.0885	2.322	2.503
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#1	3040.	710.3	264.6	525.7	2094.	419.9	446.6
#2	3020.	703.4	266.4	532.2	2092.	433.9	431.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	3765.	960.0	325.0	740.0	4220.		
Low	2185.	448.0	161.0	297.0	401.0		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1389.	1410.					
SDev	9.	17.					
%RSD	.6139	1.231					
#1	1383.	1422.					
#2	1395.	1398.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Analysis

Wavlen	371.030	--	--	--	--	--	--
Avge	1183	--	--	--	--	--	--
SDev	.0346993	--	--	--	--	--	--
%RSD	.0029339	--	--	--	--	--	--
#1	1183	--	--	--	--	--	--
#2	1183	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33491-A-7-H DU@4 Operator:
Run Time: 11/11/11 20:11:31
Comment:

Mode: CONC Corr. Factor: 1

Analysis Report

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Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22300.	1.766	11.65	240.1	1.098	-.8286	8014.
SDev	207.	1.026	.56	3.3	.002	.0446	98.
%RSD	.9284	58.08	4.822	1.359	.1399	5.380	1.228

#1	22150.	2.491	11.25	237.8	1.099	-.7970	7945.
#2	22450.	1.041	12.05	242.4	1.097	-.8601	8084.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	62.77	22.26	86.10	58950.	6996.	1145.	42.44
SDev	.74	.72	.92	751.	64.	14.	.21
%RSD	1.172	3.213	1.073	1.273	.9111	1.206	.4974

#1	62.25	21.76	85.45	58410.	6951.	1135.	42.29
#2	63.29	22.77	86.76	59480.	7041.	1155.	42.58

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1254.	.9172	169.4	1.631	160.6	1.282	94.41
SDev	29.	.3045	2.8	2.946	98.6	1.494	1.34
%RSD	2.307	33.20	1.656	180.6	61.39	116.5	1.420

#1	1234.	1.133	167.4	3.715	90.87	.2257	93.46
#2	1275.	.7019	171.4	-.4524	230.3	2.338	95.36

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	445.6	8.847	.4474	9.762	1253.	170.6	168.8
SDev	4.2	.084	.3820	1.742	14.	1.8	3.3
%RSD	.9518	.9437	85.38	17.84	1.123	1.054	1.959

#1	442.6	8.906	.1773	8.531	1243.	169.4	166.5
#2	448.6	8.788	.7175	10.99	1263.	171.9	171.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.045	1.915
SDev	3.792	2.525
%RSD	362.9	131.8

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#1	3.726	3.700
#2	-1.636	.1296

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1162	--	--	--	--	--	--
SDev	11.53787	--	--	--	--	--	--
%RSD	.9927559	--	--	--	--	--	--

#1	1170	--	--	--	--	--	--
#2	1154	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33491-A-7-G@4 Operator:
Run Time: 11/11/11 20:17:38
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22240.	-.7605	8.935	229.1	1.034	-.9052	8223.
SDev	7.	1.9517	.238	.3	.006	.0825	37.
%RSD	.0311	256.6	2.667	.1143	.6267	9.109	.4510

#1	22240.	.6196	8.767	229.3	1.029	-.9635	8249.
#2	22230.	-2.141	9.104	228.9	1.038	-.8469	8197.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	Analysis
Report			11/11/11 08:23:43 PM			page 37		

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	63.20	20.65	93.31	53110.	6058.	1031.	52.10
SDev	.75	.37	.42	258.	6.	3.	.14
%RSD	1.179	1.776	.4483	.4864	.0928	.2485	.2618

#1	63.73	20.91	93.60	53290.	6062.	1033.	52.20
#2	62.67	20.39	93.01	52920.	6054.	1029.	52.01

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1312.	1.035	193.5	1.315	179.2	-2.029	89.75
SDev	2.	.236	.4	2.161	85.8	.713	.27
%RSD	.1248	22.85	.2284	164.3	47.86	35.15	.3008

#1	1314.	1.202	193.2	2.843	239.9	-2.534	89.94
#2	1311.	.8676	193.9	-.2131	118.6	-1.525	89.56

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	180.5	8.481	.0807	56.14	1267.	195.6	192.5
SDev	1.6	.632	1.209	.98	3.	.6	.4
%RSD	.8918	7.456	1498.	1.752	.2035	.2915	.1965

#1	181.7	8.034	-.7743	55.45	1269.	195.2	192.3
#2	179.4	8.928	.9358	56.84	1265.	196.0	192.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		

Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.367	.7808					
SDev	.456	3.467					
%RSD	19.25	444.1					
#1	2.044	3.233					
#2	2.689	-1.671					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1150	--	--	--	--	--	--
Report							
			11/11/11 08:23:43 PM			page 38	Analysis
SDev	2.356102	--	--	--	--	--	--
%RSD	.2047946	--	--	--	--	--	--
#1	1152	--	--	--	--	--	--
#2	1149	--	--	--	--	--	--

Method:	SW846	Sample Name:	SD 460-33491-A-7-G@2	Operator:			
Run Time:	11/11/11 20:23:46						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4086.	-1.404	.3895	42.76	.1850	-.3000	1527.
SDev	3.	2.019	.6408	.15	.0355	.0548	4.
%RSD	.0694	143.8	164.5	.3519	19.20	18.28	.2374
#1	4084.	-2.832	-.0636	42.87	.2101	-.3387	1530.
#2	4088.	.0235	.8425	42.65	.1599	-.2612	1525.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	10.86	3.414	16.83	9964.	1149.	193.2	10.45
SDev	.36	.320	.24	21.	3.	.1	.32
%RSD	3.276	9.386	1.445	.2145	.2430	.0669	3.020
#1	11.12	3.640	17.00	9979.	1151.	193.3	10.23
#2	10.61	3.187	16.65	9949.	1147.	193.2	10.67
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Report							
			11/11/11 08:29:50 PM			page 40	Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	151.5	.5383	35.91	.1807	-229.0	.8016	16.85
SDev	5.8	.2752	1.12	.8673	34.2	1.010	.40
%RSD	3.834	51.13	3.126	480.0	14.94	126.0	2.345
#1	155.6	.7329	35.12	.7940	-204.9	.0876	17.13
#2	147.4	.3437	36.71	-.4326	-253.2	1.516	16.57
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	33.60	1.809	-.6744	11.12	237.8	35.39	36.17
SDev	.50	.586	.0316	.70	.3	1.46	.96
%RSD	1.485	32.39	4.683	6.282	.1086	4.115	2.643
#1	33.95	1.395	-.6521	11.62	237.6	34.36	35.50
#2	33.25	2.223	-.6967	10.63	238.0	36.42	36.85
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.401	-1.436					
SDev	.742	1.671					
%RSD	21.81	116.4					
#1	2.876	-.2544					
#2	3.926	-2.617					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1211	--	--	--	--	--	--
SDev	.3117761	--	--	--	--	--	--
%RSD	.0257472	--	--	--	--	--	--
#1	1211	--	--	--	--	--	--
#2	1211	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-33491-A-7-I	MS@4	Operator:		
Run Time:	11/11/11	20:29:53					
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	28100.	210.7	956.1	1198.	25.69	23.65	17040.
SDev	15.	1.1	6.0	3.	.03	.40	54.
%RSD	.0536	.5407	.6312	.2599	.1001	1.706	.3145
#1	28110.	209.9	960.3	1200.	25.67	23.36	17000.
#2	28090.	211.5	951.8	1196.	25.71	23.93	17080.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	162.4	262.0	206.6	55680.	15550.	1430.	285.8
SDev	.4	1.2	.4	119.	5.	2.	.9
%RSD	.2444	.4551	.2060	.2138	.0339	.1420	.3321
#1	162.2	261.2	206.3	55600.	15560.	1428.	285.1
#2	162.7	262.9	206.9	55770.	15550.	1431.	286.4
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9959.	23.91	419.3	911.5	8983.	944.0	328.5
SDev	40.	.01	2.7	.4	90.	3.8	.8
%RSD	.4034	.0355	.6412	.0424	.9973	.4036	.2300

#1	9988.	23.90	417.4	911.7	8920.	941.3	328.0
#2	9931.	23.92	421.2	911.2	9046.	946.7	329.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Report	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
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Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	421.3	236.7	241.1	270.5	1377.	424.2	416.9
SDev	2.4	.3	2.3	2.0	.	.0	4.0
%RSD	.5661	.1232	.9361	.7513	.0239	.0067	.9704
#1	419.6	236.5	239.5	269.0	1377.	424.3	414.0
#2	422.9	236.9	242.6	271.9	1377.	424.2	419.7
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	913.7	910.3					
SDev	3.0	.9					
%RSD	.3333	.1034					
#1	915.8	909.7					
#2	911.5	911.0					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1178	--	--	--	--	--	--
SDev	2.356102	--	--	--	--	--	--
%RSD	.2000321	--	--	--	--	--	--
#1	1176	--	--	--	--	--	--
#2	1180	--	--	--	--	--	--

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Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/11/11 20:36:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	119900.	989.4	4906.	9630.	976.8	2437.	121600.
SDev	412.	7.3	23.	19.	.0	5.	51.
%RSD	.3432	.7363	.4728	.1926	.0015	.2132	.0416
#1	119700.	984.3	4890.	9617.	976.8	2433.	121600.
#2	120200.	994.6	4923.	9643.	976.9	2441.	121600.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4879.	2427.	11930.	96820.	119400.	4872.	2430.
SDev	4.	2.	29.	53.	395.	3.	1.
%RSD	.0772	.0714	.2419	.0552	.3309	.0546	.0502
#1	4877.	2426.	11910.	96780.	119200.	4870.	2429.
#2	4882.	2429.	11950.	96850.	119700.	4874.	2431.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46720.	1204.	9707.	4877.	118700.	4853.	2412.
SDev	68.	3.	19.	25.	554.	22.	4.
%RSD	.1449	.2290	.1926	.5035	.4671	.4510	.1477
#1	46670.	1202.	9694.	4860.	118300.	4838.	2410.
#2	46770.	1206.	9720.	4895.	119100.	4869.	2415.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2431.	970.7	2433.	967.6	9620.	9715.	9703.
SDev	3.	3.7	10.	2.8	13.	16.	20.
%RSD	.1429	.3852	.4232	.2879	.1311	.1676	.2051
#1	2428.	968.1	2426.	969.5	9611.	9704.	9689.
#2	2433.	973.3	2441.	965.6	9629.	9727.	9717.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2	Analysis Report				11/11/11 08:42:06
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Units	ppb	ppb
Avge	4869.	4882.
SDev	17.	28.
%RSD	.3548	.5776
#1	4856.	4862.
#2	4881.	4902.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	.5544125	--	--	--	--	--	--
%RSD	.0482888	--	--	--	--	--	--
#1	1148	--	--	--	--	--	--
#2	1149	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:

Run Time: 11/11/11 20:42:09

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-198.4	.0843	1.462	-.8536	.0530	-.1050	-10.85
SDev	12.5	.1090	.320	.0000	.0271	.0776	.24
%RSD	6.305	129.4	21.89	.0000	51.00	73.91	2.203
#1	L-207.2	.1613	1.689	-.8536	.0722	-.1598	-11.02
#2	-189.5	.0072	1.236	-.8536	.0339	-.0501	-10.68
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6851	-.5455	-.4362	-6.334	2.005	-.5539	.4999
SDev	.4166	.2390	.4715	6.299	4.168	.0397	.0007
%RSD	60.81	43.82	108.1	99.45	207.9	7.167	.1316
#1	-.3905	-.7145	-.1028	-1.880	-.9424	-.5820	.5004
#2	-.9797	-.3764	-.7696	-10.79	4.952	-.5259	.4995
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-29.91	.3440	-.6715	-.5539	-193.7	4.312	.3232
SDev	3.03	.0037	.1704	2.0368	15.1	.285	.0678
%RSD	10.12	1.077	25.37	367.7	7.811	6.599	20.98
#1	-32.05	.3466	-.7920	-1.994	-183.0	4.111	.3711
#2	-27.77	.3414	-.5510	.8863	-204.4	4.514	.2753
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4149	.5619	-.4992	.3086	-.5185	-.3316	-.8449
SDev	.2087	.5330	.5019	.7992	.0738	.2842	.1135
%RSD	50.29	94.84	100.6	259.0	14.24	85.70	13.44
#1	-.2673	.9388	-.1443	.8737	-.4663	-.5326	-.9252
#2	-.5624	.1851	-.8541	-.2566	-.5707	-.1307	-.7646
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.900	-1.788					
SDev	1.866	2.122					
%RSD	98.20	118.7					
#1	.5806	-3.288					
#2	3.219	-.2871					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1211	--	--	--	--	--	--
SDev	.4504008	--	--	--	--	--	--
%RSD	.0371876	--	--	--	--	--	--
#1	1211	--	--	--	--	--	--
#2	1211	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-33491-A-7-G Operator:
Run Time: 11/11/11 20:48:16
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	23790.	481.1	1939.	2198.	50.29	49.03	27950.
SDev	73.	3.8	15.	8.	.42	.52	241.
%RSD	.3058	.7876	.7495	.3813	.8383	1.065	.8611

#1	23840.	483.8	1949.	2204.	50.58	49.40	28120.
#2	23740.	478.5	1929.	2192.	49.99	48.66	27780.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	260.0	505.2	332.6	52410.	24330.	1502.	541.5
SDev	2.4	3.1	1.5	423.	135.	13.	4.1
%RSD	.9190	.6052	.4458	.8072	.5562	.8886	.7495
#1	261.7	507.3	333.7	52710.	24420.	1511.	544.3
#2	258.3	503.0	331.6	52110.	24230.	1492.	538.6

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19430.	56.56	674.6	1859.	18440.	1921.	572.3
SDev	106.	.35	6.9	17.	134.	27.	4.5
%RSD	.5433	.6110	1.027	.8953	.7245	1.382	.7895
#1	19500.	56.80	679.5	1870.	18530.	1940.	575.5
#2	19350.	56.31	669.7	1847.	18350.	1902.	569.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	666.9	482.5	487.3	539.5	1730.	675.5	674.2
SDev	5.8	4.7	2.1	.4	12.	4.1	8.3
%RSD	.8693	.9760	.4327	.0763	.7173	.6069	1.237
#1	671.0	485.8	488.8	539.8	1739.	678.4	680.1
#2	662.8	479.2	485.8	539.2	1721.	672.6	668.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1843.	1866.					
SDev	22.	14.					
%RSD	1.179	.7552					
#1	1859.	1876.					
#2	1828.	1856.					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1171	--	--	--	--	--	--
SDev	5.959481	--	--	--	--	--	--
%RSD	.5088151	--	--	--	--	--	--
#1	1167	--	--	--	--	--	--
#2	1175	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33494-A-1-B@4 Operator:
Run Time: 11/11/11 20:54:24

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	13950.	29.33	35.08	118.4	2.292	2.077	6890.
SDev	21.	1.58	1.49	.2	.005	.317	3.
%RSD	.1478	5.392	4.234	.1458	.2315	15.28	.0368
#1	13930.	30.45	36.13	118.5	2.288	2.301	6892.
#2	13960.	28.21	34.03	118.2	2.296	1.852	6889.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	35.85	8.706	52.08	28990.	1586.	216.3	22.54
SDev	.74	.104	.27	32.	5.	.1	.70
%RSD	2.076	1.199	.5270	.1097	.3223	.0234	3.113
#1	36.38	8.780	52.28	29020.	1583.	216.4	22.04
#2	35.33	8.632	51.89	28970.	1590.	216.3	23.03
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	768.7	.2914	648.5	2.049	-102.4	2.046	92.84
SDev	3.3	.0099	1.9	1.784	20.3	2.486	.09
%RSD	.4344	3.399	.2928	87.06	19.86	121.5	.0919
#1	771.1	.2984	647.1	3.310	-88.04	.2881	92.78
#2	766.4	.2844	649.8	.7876	-116.8	3.804	92.90
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	104.3	6.134	2.252	15.36	245.0	654.0	645.7
SDev	.8	.362	.516	.79	.0	1.2	2.2
%RSD	.7419	5.896	22.93	5.133	.0006	.1860	.3468
#1	103.7	5.878	1.886	15.92	245.0	653.1	644.2
#2	104.8	6.390	2.617	14.81	245.0	654.9	647.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	6.293	-.0788					
SDev	3.944	.7052					
%RSD	62.67	894.7					
#1	9.082	.4198					
#2	3.505	-.5775					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1201	--	--	--	--	--	--
SDev	3.152978	--	--	--	--	--	--
%RSD	.2625155	--	--	--	--	--	--
#1	1199	--	--	--	--	--	--
#2	1203	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33494-A-2-B@4 Operator:
Run Time: 11/11/11 21:00:31
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9894.	22.82	31.85	120.0	.9137	.7858	4774.
SDev	.78	1.17	1.85	1.5	.0039	.0007	63.
%RSD	.7839	5.147	5.804	1.284	.4255	.0893	1.323
#1	9949.	21.99	33.15	121.1	.9110	.7863	4818.
#2	9839.	23.65	30.54	118.9	.9165	.7853	4729.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	29.56	5.224	60.07	26120.	882.9	82.19	14.57
SDev	.49	.229	.81	357.	6.3	1.11	1.05
%RSD	1.663	4.386	1.355	1.366	.7082	1.356	7.196
#1	29.91	5.386	60.65	26380.	887.3	82.98	15.31
#2	29.21	5.062	59.49	25870.	878.5	81.40	13.83

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	422.0	.6143	734.3	6.077	156.3	.6593	70.59
SDev	23.4	.5728	6.9	2.192	31.1	1.239	.67
%RSD	5.551	93.25	.9407	36.08	19.93	188.0	.9432
#1	438.5	.2092	739.2	4.526	178.3	-.2171	71.06
#2	405.4	1.019	729.4	7.627	134.2	1.536	70.12

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.95	8.240	1.894	15.62	200.0	740.3	731.3
SDev	.86	.419	.757	.07	2.8	2.4	9.1
%RSD	1.615	5.079	39.98	.4187	1.425	.3291	1.250
#1	53.56	7.944	2.430	15.57	202.0	742.0	737.7
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#2	52.35	8.536	1.359	15.66	198.0	738.6	724.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	8.483	4.867					
SDev	.510	3.033					
%RSD	6.012	62.31					
#1	8.123	2.722					
#2	8.844	7.011					

Errors High Low	NOCHECK	NOCHECK						
IntStd Mode Elem Wavlen Avge SDev %RSD	1 Counts Y 371.030 1225 17.01225 1.389283	2 NOTUSED -- -- -- -- --	3 NOTUSED -- -- -- -- --	4 NOTUSED -- -- -- -- --	5 NOTUSED -- -- -- -- --	6 NOTUSED -- -- -- -- --	7 NOTUSED -- -- -- -- --	
#1 #2	1213 1237	-- --	-- --	-- --	-- --	-- --	-- --	

Method: SW846	Sample Name: 460-33494-A-3-B@4				Operator:			
Run Time: 11/11/11	21:06:38							
Comment:								
Mode: CONC	Corr. Factor: 1							
Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
				11/11/11 09:12:43 PM		page 59		
Avge SDev %RSD	12500. 374. 2.992	21.67 2.54 11.74	34.25 2.03 5.919	143.7 4.5 3.126	1.575 .027 1.744	1.145 .145 12.69	17730. 515. 2.904	
#1 #2	12770. 12240.	23.47 19.87	35.68 32.82	146.9 140.5	1.595 1.556	1.248 1.042	18090. 17360.	
Errors High Low	LC Pass 250000. -200.0	LC Pass 2000. -10.00	LC Pass 10000. -10.00	LC Pass 20000. -20.00	LC Pass 2000. -5.000	LC Pass 5000. -5.000	LC Pass 250000. -500.0	
Elem Units Avge SDev %RSD	Cr2677 ppb 35.83 1.09 3.036	Co2286 ppb 8.033 .133 1.651	Cu3247 ppb 62.61 1.98 3.163	Fe2714 ppb 27960. 824. 2.947	Mg3832 ppb 1315. 43. 3.235	Mn2576 ppb 132.0 4.0 3.022	Ni2316 ppb 24.63 1.21 4.921	
#1 #2	36.60 35.06	8.127 7.939	64.01 61.21	28540. 27380.	1346. 1285.	134.8 129.2	25.49 23.77	
Errors High Low	LC Pass 10000. -10.00	LC Pass 5000. -10.00	LC Pass 25000. -10.00	LC Pass 200000. -150.0	LC Pass 250000. -500.0	LC Pass 10000. -10.00	LC Pass 5000. -10.00	
Elem Units Avge SDev %RSD	K_7664 ppb 559.0 42.3 7.569	Ag3280 ppb .3969 .2502 63.04	Pb2203 ppb 735.6 21.3 2.899	Se1960 ppb 5.685 .208 3.665	Na3302 ppb 147.4 34.2 23.22	Tl1908 ppb 2.154 2.475 114.9	V_2924 ppb 134.3 4.0 2.972	
#1 #2	588.9 529.0	.2200 .5739	750.7 720.5	5.538 5.832	123.2 171.6	3.904 .4044	137.1 131.4	
Errors High Low	LC Pass 100000. -1000.	LC Pass 2500. -10.00	LC Pass 20000. -5.000	LC Pass 10000. -5.000	LC Pass 250000. -1000.	LC Pass 10000. -10.00	LC Pass 5000. -10.00	
Elem Units Avge SDev %RSD	Zn2062 ppb 77.89 2.18 2.801	B_2496 ppb 8.609 .853 9.912	Mo2020 ppb 1.810 1.151 63.56	Sn1899 ppb 17.35 1.98 11.40	Ti3349 ppb 236.6 6.8 2.892	2203/1 ppb 738.0 21.5 2.920	2203/2 ppb 734.5 21.2 2.888	
#1 #2	79.43 76.35	9.212 8.005	2.624 .9968	18.75 15.95	241.5 231.8	753.2 722.7	749.5 719.5	
Errors High Low	LC Pass 5000. -30.00	LC Pass 2000. -10.00	LC Pass 5000. -10.00	LC Pass 2000. -10.00	LC Pass 20000. -10.00	NOCHECK	NOCHECK	
Elem	1960/1	1960/2						

Analysis

Units	ppb	ppb					
Avge	9.287	3.878					
SDev	.252	.187					
%RSD	2.714	4.816					
#1	9.109	3.746	□□Analysis Report				11/11/11 09:12:43
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#2	9.465	4.010					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1218	--	--	--	--	--	--
SDev	32.60399	--	--	--	--	--	--
%RSD	2.676485	--	--	--	--	--	--
#1	1195	--	--	--	--	--	--
#2	1241	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-31916-B-3-C@4	Operator:			
Run Time:	11/11/11 21:12:46						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	71580.	.6428	26.83	380.5	4.225	-2.607	7182.
SDev	136.	.5450	.23	.3	.008	.075	13.
%RSD	.1904	84.78	.8432	.0825	.1872	2.859	.1781
#1	71480.	.2574	26.99	380.2	4.220	-2.554	7173.
#2	71680.	1.028	26.67	380.7	4.231	-2.659	7191.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	115.4	54.16	60.27	128400.	13840.	2107.	69.71
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SDev	.8	.05	.15	267.	7.	3.	.13
%RSD	.6791	.0883	.2488	.2075	.0524	.1469	.1843
#1	114.8	54.13	60.37	128300.	13830.	2104.	69.62
#2	115.9	54.19	60.16	128600.	13840.	2109.	69.80
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5856.	.5731	64.85	2.490	165.2	2.388	215.6
SDev	11.	.0999	.65	.721	3.6	1.273	.3
%RSD	.1867	17.43	.9984	28.98	2.203	53.29	.1320
#1	5863.	.6437	65.31	1.980	167.8	3.288	215.4
#2	5848.	.5025	64.40	3.000	162.7	1.488	215.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	171.3	9.379	.2894	4.710	2397.	65.10	64.73

SDev	.5	.052	1.079	.157	2.	1.04	1.49
%RSD	.2812	.5502	372.7	3.323	.1023	1.603	2.302
#1	170.9	9.342	-.4734	4.821	2395.	64.37	65.78
#2	171.6	9.415	1.052	4.599	2399.	65.84	63.67
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.507	.9750					
SDev	2.905	.3688					
%RSD	52.75	37.82					
#1	3.453	1.236					
#2	7.561	.7142					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1206	--	--	--	--	--	--
SDev	.5544125	--	--	--	--	--	--
%RSD	.0459810	--	--	--	--	--	--
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□□Analysis

#1	1205	--	--	--	--	--	--
#2	1206	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33443-H-1-D@4 Operator:
Run Time: 11/11/11 21:18:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	38470.	-.6864	22.93	633.9	4.964	2.500	129000.
SDev	2065.	2.2541	2.60	32.0	.253	.030	7329.
%RSD	5.368	328.4	11.36	5.047	5.098	1.206	5.684
#1	37010.	.9075	24.77	611.3	4.785	2.521	123800.
#2	39930.	-2.280	21.09	656.5	5.143	2.479	134100.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1197.	37.62	443.6	81970.	13970.	2166.	97.81
SDev	67.	1.64	22.4	4597.	754.	120.	3.95
%RSD	5.596	4.369	5.038	5.608	5.396	5.536	4.042
#1	1150.	36.46	427.8	78720.	13440.	2082.	95.01
#2	1245.	38.78	459.5	85230.	14500.	2251.	100.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11020.	7.172	489.5	8.710	1353.	8.349	133.0
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□□Analysis

SDev	561.	.049	21.0	.483	272.	1.208	7.3

%RSD	5.092	.6852	4.287	5.542	20.11	14.47	5.480
#1	10630.	7.207	474.6	8.369	1160.	7.495	127.9
#2	11420.	7.137	504.3	9.052	1545.	9.204	138.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1726.	24.47	5.660	16.73	1155.	488.6	489.9
SDev	86.	1.05	.294	.49	63.	14.6	24.2
%RSD	4.960	4.304	5.186	2.936	5.431	2.994	4.931
#1	1665.	23.73	5.452	16.38	1111.	478.3	472.8
#2	1787.	25.21	5.867	17.08	1199.	498.9	507.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	8.902	8.605					
SDev	2.490	1.966					
%RSD	27.97	22.85					
#1	10.66	7.215					
#2	7.142	9.996					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1112	--	--	--	--	--	--
SDev	37.31611	--	--	--	--	--	--
%RSD	3.355969	--	--	--	--	--	--
#1	1138	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33491-A-1-E@4 Operator:
Run Time: 11/11/11 21:25:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55570.	-1.123	12.00	304.8	2.126	-1.507	H425200.
SDev	115.	.007	.56	.6	.008	.143	2732.
%RSD	.2075	.6042	4.679	.1982	.3976	9.469	.6425
#1	55480.	-1.118	11.60	304.4	2.121	-1.406	H423300.
#2	55650.	-1.128	12.40	305.2	2.132	-1.608	H427100.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128.6	23.20	107.2	64630.	48110.	2204.	68.69
SDev	.7	.65	.7	337.	77.	11.	.19
%RSD	.5465	2.823	.6812	.5216	.1594	.5109	.2713
#1	128.1	23.66	106.7	64390.	48060.	2196.	68.56
#2	129.1	22.74	107.8	64870.	48170.	2211.	68.82
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.

Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4211.	1.067	53.80	3.965	1701.	-1.997	108.4
SDev	17.	.099	.84	3.057	52.	2.829	.7
%RSD	.4127	9.254	1.565	77.09	3.029	141.7	.6496
#1	4198.	.9974	54.39	6.127	1664.	-3.997	107.9
#2	4223.	1.137	53.20	1.804	1737.	.0041	108.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	245.0	101.0	3.313	6.396	3420.	52.19	54.59
SDev	1.8	1.0	.522	2.775	13.	.96	1.74
%RSD	.7245	.9807	15.75	43.39	.3849	1.836	3.189
#1	243.7	100.3	2.944	8.358	3411.	51.52	55.82
#2	246.2	101.7	3.682	4.433	3429.	52.87	53.36
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.522	3.179					
SDev	10.43	.625					
%RSD	188.9	19.65					
#1	12.90	2.737					
#2	-1.854	3.621					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1172	--	--	--	--	--	--
SDev	1.212750	--	--	--	--	--	--
%RSD	.1034980	--	--	--	--	--	--
#1	1173	--	--	--	--	--	--
#2	1171	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33491-A-2-G@4 Operator:
Run Time: 11/11/11 21:31:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	55500.	-2.904	9.294	520.3	3.247	-1.222	H401400.
SDev	71.	.727	.447	.3	.032	.036	2194.
%RSD	.1280	25.03	4.810	.0501	.9831	2.975	.5466
#1	55550.	-3.419	9.610	520.5	3.269	-1.248	H402900.
#2	55450.	-2.390	8.978	520.1	3.224	-1.196	H399800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	65.59	15.61	73.73	59900.	40140.	1512.	44.37			
SDev	.03	.11	.18	277.	104.	6.	.52			
%RSD	.0413	.7271	.2466	.4629	.2595	.3711	1.180			
#1	65.57	15.69	73.85	60100.	40210.	1516.	44.00			
#2	65.61	15.53	73.60	59710.	40070.	1508.	44.74			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	2874.	.8725	82.71	4.492	2028.	1.469	105.9			
SDev	11.	.2953	1.31	1.422	109.	1.022	.6			
%RSD	.3941	33.84	1.578	31.65	5.379	69.55	.5316			
#1	2882.	1.081	83.63	5.497	2106.	.7465	106.3			
#2	2866.	.6637	81.79	3.486	1951.	2.191	105.5			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	289.7	98.60	.8227	8.514	4239.	75.36	86.38			
SDev	2.6	.38	.2373	.586	11.	4.67	4.29			
%RSD	.9101	.3887	28.85	6.883	.2493	6.197	4.965			
#1	291.6	98.87	.9905	8.099	4247.	72.05	89.41			
#2	287.9	98.33	.6549	8.928	4232.	78.66	83.35			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2	□□Analysis Report				11/11/11 09:37:13			
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Units	ppb	ppb								
Avge	2.284	5.585								
SDev	2.259	3.260								
%RSD	98.91	58.36								
#1	.6866	7.890								
#2	3.882	3.280								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1200	--	--	--	--	--	--			
SDev	2.702577	--	--	--	--	--	--			
%RSD	.2252957	--	--	--	--	--	--			
#1	1198	--	--	--	--	--	--			
#2	1201	--	--	--	--	--	--			

Method:	SW846	Sample Name:	460-33491-A-3-E@4	Operator:						
Run Time:	11/11/11 21:37:16									
Comment:										
Mode:	CONC	Corr. Factor:	1							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	29210.	1.167	37.71	339.2	1.358	.3219	12790.			
SDev	.	1.178	.92	.1	.000	.0588	67.			
%RSD	.0016	101.0	2.444	.0174	.0127	18.27	.5276			
#1	29210.	2.000	37.06	339.2	1.358	.2803	12740.			

#2 29210. .3337 38.36 339.1 1.358 .3635 12840.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	64.40	25.45	179.3	58550.	8856.	1618.	55.58
SDev	.28	.17	.0	183.	2.	7.	.24
%RSD	.4343	.6794	.0180	.3119	.0267	.4438	.4377

#1	64.20	25.57	179.3	58420.	8858.	1613.	55.41
#2	64.60	25.33	179.3	58680.	8854.	1623.	55.75

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1180.	.9795	829.8	2.027	847.1	.7425	98.20
SDev	8.	.4227	4.8	1.674	66.9	1.223	.24
%RSD	.7089	43.16	.5772	82.58	7.897	164.7	.2438

#1	1174.	.6806	826.4	3.211	799.8	-.1225	98.03
#2	1186.	1.278	833.2	.8434	894.4	1.608	98.37

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	456.3	8.916	-.3395	23.07	1449.	833.2	828.1
SDev	5.2	.487	.4954	.02	3.	1.5	6.4
%RSD	1.145	5.466	145.9	.0808	.2261	.1768	.7784

#1	452.6	8.571	-.6897	23.06	1447.	832.1	823.5
#2	460.0	9.260	.0108	23.08	1451.	834.2	832.7

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.1308	3.096
SDev	6.4116	.691
%RSD	4902.	22.33

#1	4.403	2.607
#2	-4.664	3.585

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1197	--	--	--	--	--	--
SDev	.2078507	--	--	--	--	--	--
%RSD	.0173583	--	--	--	--	--	--
#1	1197	--	--	--	--	--	--
#2	1198	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33491-A-4-E@4 Operator:
 Run Time: 11/11/11 21:43:24

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	32630.	.7510	19.59	233.2	1.244	-.2444	23730.
SDev	11.	.6435	.01	.6	.007	.1913	135.
%RSD	.0343	85.68	.0560	.2455	.5741	78.26	.5686
#1	32630.	1.206	19.58	233.6	1.249	-.3797	23830.
#2	32640.	.2960	19.59	232.8	1.239	-.1092	23640.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	81.69	32.17	240.8	71690.	16420.	1284.	73.28
SDev	.19	.58	.6	389.	28.	5.	1.47
%RSD	.2293	1.789	.2637	.5423	.1704	.4006	2.004
#1	81.83	32.57	241.2	71960.	16440.	1287.	74.32
#2	81.56	31.76	240.3	71410.	16400.	1280.	72.24
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1426.	1.053	447.5	1.482	1201.	-.8044	138.8
SDev	9.	.461	3.1	.908	85.	.2745	.7
%RSD	.6562	43.74	.6993	61.28	7.055	34.12	.5347
#1	1433.	1.379	449.7	.8396	1261.	-.6103	139.4
#2	1420.	.7277	445.3	2.124	1141.	-.9984	138.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	365.7	32.14	5.260	12.35	2593.	447.2	447.6
SDev	2.6	.49	.031	.88	9.	5.6	1.9
%RSD	.7100	1.530	.5837	7.137	.3413	1.257	.4212
#1	367.6	31.80	5.282	12.98	2599.	451.2	448.9
#2	363.9	32.49	5.239	11.73	2586.	443.2	446.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.7675	2.596					
SDev	.4839	1.120					
%RSD	63.06	43.13					
#1	-1.110	1.804					
#2	-.4253	3.388					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1207	--	--	--	--	--	--

SDev	3.672691	--	--	--	--	--	--
%RSD	.3042660	--	--	--	--	--	--
#1	1204	--	--	--	--	--	--
#2	1210	--	--	--	--	--	--
Method: SW846		Sample Name: CCV 1200071			Operator:		
Run Time: 11/11/11 21:49:31							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	121800.	1004.	4956.	9752.	987.6	2479.	123100.
SDev	640.	2.	.	33.	1.1	2.	177.
%RSD	.5253	.2319	.0006	.3399	.1108	.0647	.1435
#1	122300.	1006.	4956.	9776.	988.3	2480.	123300.
#2	121400.	1002.	4956.	9729.	986.8	2477.	123000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4944.	2460.	12150.	97990.	121500.	4947.	2474.
SDev	11.	6.	58.	260.	610.	9.	4.
%RSD	.2157	.2445	.4805	.2655	.5019	.1917	.1637
#1	4951.	2464.	12190.	98170.	121900.	4954.	2477.
#2	4936.	2456.	12110.	97800.	121100.	4940.	2471.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	47410.	1219.	9885.	4942.	119900.	4944.	2448.
SDev	298.	3.	6.	16.	707.	.	5.
%RSD	.6286	.2845	.0628	.3324	.5897	.0050	.1909
#1	47620.	1221.	9889.	4953.	120400.	4943.	2451.
#2	47200.	1216.	9881.	4930.	119400.	4944.	2445.
Report	11/11/11 09:55:36 PM						page 79
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2458.	987.4	2473.	980.3	9764.	9881.	9887.
SDev	1.	1.4	2.	3.6	22.	17.	1.
%RSD	.0608	.1439	.0667	.3696	.2255	.1685	.0100
#1	2457.	986.4	2471.	982.8	9780.	9892.	9888.
#2	2459.	988.4	2474.	977.7	9748.	9869.	9886.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4938.	4943.					
SDev	12.	19.					
%RSD	.2336	.3817					
#1	4946.	4957.					
#2	4930.	4930.					
Errors	NOCHECK	NOCHECK					

High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1132	--	--	--	--	--	--
SDev	5.023980	--	--	--	--	--	--
%RSD	.4437481	--	--	--	--	--	--
#1	1129	--	--	--	--	--	--
#2	1136	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/11/11 21:55:39
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-179.9	-2.461	-.6009	-1.064	-.0125	-.2880	-10.02
SDev	24.2	1.631	2.9181	.002	.0147	.2266	.48
%RSD	13.44	66.29	485.6	.2055	117.1	78.69	4.748

#1	-197.0	-1.307	1.463	-1.066	-.0022	-.1277	-9.681
#2	-162.8	-3.615	-2.664	-1.063	-.0229	-.4482	-10.35

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.8884	-.9512	-.1540	-23.73	-9.043	-.6519	.3700
SDev	.0992	.0968	.3244	7.74	11.168	.0444	.0063
%RSD	11.16	10.17	210.7	32.61	123.5	6.819	1.705

#1	-.9585	-1.020	.0754	-18.26	-1.146	-.6204	.3744
#2	-.8183	-.8828	-.3834	-29.20	-16.94	-.6833	.3655

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.978	-.4495	.3115	-.5691	-304.0	1.603	-.1803
SDev	8.409	.0800	.3964	1.6185	136.8	3.119	.1443
%RSD	282.4	17.79	127.2	284.4	45.00	194.5	80.03

#1	2.969	-.3930	.0312	.5754	-207.3	3.809	-.0782
#2	-8.924	-.5061	.5918	-1.714	-400.8	-.6021	-.2823

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.2319	.4900	-.2270	-1.578	-.7104	1.486	-.2787
SDev	.4837	.3426	.8580	.644	.3858	4.156	1.4805
%RSD	208.6	69.91	378.0	40.78	54.31	279.7	531.3

#1 Report -.1102 .7323 .3797 -2.033 -.4376 -1.453 .7682 Analysis
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#2	.5739	.2478	-.8337	-1.123	-.9832	4.424	-1.326

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2

Units	ppb	ppb					
Avge	.8392	-1.282					
SDev	3.209	.824					
%RSD	382.4	64.32					
#1	3.109	-.6987					
#2	-1.430	-1.864					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1132	--	--	--	--	--	--
SDev	11.74581	--	--	--	--	--	--
%RSD	1.038045	--	--	--	--	--	--
#1	1123	--	--	--	--	--	--
#2	1140	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33491-A-5-E@4 Operator:
Run Time: 11/11/11 22:01:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
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Avge	27340.	4.251	33.57	332.8	1.660	.4576	27170.	
SDev	9.	3.126	.96	.8	.043	.0611	52.	
%RSD	.0344	73.53	2.874	.2298	2.594	13.35	.1921	
#1	27340.	6.461	34.25	333.3	1.629	.4144	27140.	
#2	27330.	2.041	32.89	332.2	1.690	.5008	27210.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	145.9	22.88	160.2	64840.	7225.	1034.	55.76	
SDev	.4	.04	.1	37.	9.	2.	.72	
%RSD	.2496	.1575	.0858	.0576	.1204	.1530	1.292	
#1	145.6	22.90	160.1	64810.	7231.	1033.	56.27	
#2	146.2	22.85	160.3	64860.	7219.	1035.	55.25	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1487.	2.771	463.7	3.244	-24.36	.1451	116.7	
SDev	4.	.338	3.1	2.760	11.96	2.844	.4	
%RSD	.2606	12.21	.6671	85.10	49.12	1960.	.3228	
#1	1484.	2.532	461.5	5.196	-15.90	-1.866	116.4	
#2	1489.	3.010	465.9	1.292	-32.82	2.156	116.9	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	25000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	417.0	16.01	1.195	18.13	1175.	469.4	460.9	
SDev	1.7	.47	.016	.19	.	1.0	4.1	
%RSD	.4040	2.925	1.361	1.031	.0169	.2108	.8992	

#1	415.8	16.34	1.183	18.27	1175.	468.7	457.9
#2	418.2	15.68	1.206	18.00	1175.	470.1	463.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.137	3.787					
SDev	5.671	1.307					
%RSD	265.4	34.52					
#1	6.147	4.712	□□Analysis Report				11/11/11 10:07:51
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#2	-1.873	2.863					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1151	--	--	--	--	--	--
SDev	1.628452	--	--	--	--	--	--
%RSD	.1414411	--	--	--	--	--	--
#1	1150	--	--	--	--	--	--
#2	1152	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33491-A-6-E@4 Operator:
Run Time: 11/11/11 22:07:54
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36890.	-.3901	27.23	251.5	1.332	-.9457	10360.
SDev	13.	.4036	.28	.7	.033	.0844	12.
%RSD	.0346	103.5	1.010	.2726	2.512	8.920	.1184
#1	36890.	-.1047	27.04	251.0	1.308	-.8861	10370.
#2	36900.	-.6755	27.43	252.0	1.355	-1.005	10350.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	76.13	23.78	108.2	73960.	8348.	901.2	49.48
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SDev	.06	.05	.4	33.	5.	.1	.32
%RSD	.0820	.2203	.3330	.0444	.0598	.0145	.6452
#1	76.18	23.82	108.5	73980.	8351.	901.3	49.26
#2	76.09	23.74	108.0	73940.	8344.	901.2	49.71
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1388.	.5346	283.3	3.092	-134.0	.3788	112.6
SDev	3.	.3029	1.4	.609	29.1	1.006	.0
%RSD	.2116	56.66	.4943	19.71	21.69	265.5	.0359
#1	1390.	.3204	282.3	2.661	-154.5	1.090	112.6
#2	1386.	.7488	284.3	3.523	-113.4	-.3323	112.6

Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	279.8	8.418	1.973	7.700	1071.	285.1	282.4
SDev	.6	.832	.031	1.039	1.	1.8	1.2
%RSD	.1983	9.878	1.559	13.50	.0716	.6247	.4285
#1	279.4	9.006	1.995	8.435	1071.	283.9	281.5
#2	280.2	7.830	1.952	6.965	1070.	286.4	283.2
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	4.436	2.412					
SDev	7.444	2.803					
%RSD	167.8	116.2					
#1	-.8275	4.394					
#2	9.699	.4306					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1185	--	--	--	--	--	--
SDev	2.460027	--	--	--	--	--	--
%RSD	.2076760	--	--	--	--	--	--
Report							

Analysis

#1	1183	--	--	--	--	--	--
#2	1186	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-33491-A-8-E@4	Operator:			
Run Time:	11/11/11	22:14:01					
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	28750.	-.5014	6.774	203.5	1.289	-.8329	7655.
SDev	3.	.6617	.084	.1	.026	.0132	1.
%RSD	.0109	132.0	1.238	.0500	1.999	1.590	.0164
#1	28750.	-.9693	6.715	203.4	1.270	-.8423	7654.
#2	28750.	-.0335	6.833	203.6	1.307	-.8235	7656.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	62.78	15.59	52.10	45350.	5321.	740.6	33.90
SDev	.02	.31	.33	29.	18.	.9	.65
%RSD	.0290	2.016	.6254	.0638	.3347	.1240	1.921
#1	62.77	15.36	52.34	45330.	5334.	741.2	33.44
#2	62.79	15.81	51.87	45370.	5309.	739.9	34.36
Errors High	LC Pass 10000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	901.3	.0045	128.3	4.544	-22.17	.6637	68.34	Analysis
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SDev	.4	.2316	1.3	.720	42.42	1.581	.04
%RSD	.0469	5152.	1.002	15.83	191.4	238.2	.0627
#1	901.6	-.1592	129.2	5.053	-52.16	-.4542	68.31
#2	901.0	.1682	127.4	4.035	7.832	1.782	68.37
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	145.3	6.648	-.7133	40.64	753.1	127.0	128.9
SDev	.3	.233	.2669	1.60	.4	1.2	1.3
%RSD	.2339	3.508	37.42	3.949	.0539	.9345	1.034
#1	145.5	6.813	-.5246	39.51	753.4	127.8	129.9
#2	145.0	6.483	-.9020	41.78	752.8	126.1	128.0
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.154	5.229					
SDev	5.679	3.914					
%RSD	180.1	74.85					
#1	-.8623	7.997					
#2	7.170	2.461					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1151	--	--	--	--	--	--
SDev	1.489913	--	--	--	--	--	--
%RSD	.1294688	--	--	--	--	--	--
#1	1150	--	--	--	--	--	--
#2	1152	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33384-A-1-E DU@1 Operator:
Run Time: 11/11/11 22:20:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8316.	-2.019	6.383	103.6	.4808	.2728	162700.
SDev	37.	.977	1.336	.1	.0098	.2685	95.
%RSD	.4446	48.38	20.92	.1275	2.038	98.41	.0583
#1	8290.	-1.328	5.439	103.6	.4739	.4626	162700.
#2	8342.	-2.709	7.328	103.7	.4877	.0830	162800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.73	9.861	27.30	23340.	53040.	961.5	21.70

SDev	.16	.318	.05	35.	95.	.3	.11
%RSD	1.352	3.228	.1921	.1494	.1784	.0282	.5198
#1	11.85	9.636	27.34	23320.	52970.	961.3	21.62
#2	11.62	10.09	27.27	23370.	53100.	961.7	21.78
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	979.6	.6541	26.91	.2657	-22.74	-.5554	24.03
SDev	1.2	.3492	.29	.9656	89.88	3.0389	.10
%RSD	.1259	53.39	1.063	363.4	395.3	547.2	.4031
#1	978.7	.9010	27.11	.9486	40.82	-2.704	24.10
#2	980.5	.4072	26.70	-.4171	-86.29	1.593	23.96
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	280.1	7.557	.3375	-.1435	179.5	26.86	26.93
SDev	.4	.660	1.874	.1316	.3	.81	.03
%RSD	.1289	8.731	555.1	91.68	.1630	3.007	.0951
#1	280.4	7.091	-.9874	-.0505	179.3	27.43	26.94
#2	279.9	8.024	1.662	-.2365	179.7	26.29	26.91
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.129	.9528					
SDev	.379	1.258					
%RSD	33.61	132.1					
#1	-.8604	1.843					
#2	-1.397	.0630					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1155	--	--	--	--	--	--
SDev	1.767076	--	--	--	--	--	--
%RSD	.1530516	--	--	--	--	--	--
#1	1153	--	--	--	--	--	--
#2	1156	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33384-A-1-D@10 Operator:
Run Time: 11/11/11 22:26:27
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9808.	-2.485	4.637	116.1	.5529	.1678	162400.
SDev	64.	.207	1.090	.5	.0030	.0534	702.
%RSD	.6539	8.339	23.50	.3930	.5354	31.83	.4321
#1	9853.	-2.338	3.866	116.4	.5550	.2056	162900.

#2	9762.	-2.631	5.407	115.7	.5508	.1300	161900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.67	10.46	30.45	24630.	51330.	957.7	24.88
SDev	.01	.05	.11	79.	327.	4.7	.54
%RSD	.0516	.4391	.3561	.3206	.6370	.4926	2.189
#1	14.67	10.43	30.38	24690.	51560.	961.0	24.50
#2	14.68	10.49	30.53	24580.	51100.	954.3	25.27
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1137.	.5173	28.06	.4723	-35.95	-.9593	25.35
SDev	15.	.0011	.70	2.836	13.68	2.6134	.03
%RSD	1.334	.2072	2.493	600.4	38.04	272.4	.1120
#1	1148.	.5180	28.55	2.477	-26.28	-2.807	25.37
#2	1127.	.5165	27.56	-1.533	-45.62	.8886	25.33
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	294.0	7.791	.6144	3.904	209.9	28.02	28.08
SDev	2.2	.085	.2597	1.005	1.2	1.03	.54
%RSD	.7523	1.093	42.28	25.73	.5910	3.668	1.908
#1	295.6	7.731	.4307	4.614	210.8	28.74	28.46
#2	292.5	7.851	.7980	3.193	209.1	27.29	27.70
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				11/11/11 10:32:43
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Units	ppb	ppb					
Avge	-3.040	2.216					
SDev	5.104	1.703					
%RSD	167.9	76.84					
#1	.5695	3.421					
#2	-6.649	1.012					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1128	--	--	--	--	--	--
SDev	4.400341	--	--	--	--	--	--
%RSD	.3901505	--	--	--	--	--	--
#1	1125	--	--	--	--	--	--
#2	1131	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-33384-A-1-D@5 Operator:

Run Time: 11/11/11 22:32:46

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1755.	-3.098	-2.595	22.04	.0623	.0069	32240.
SDev	16.	1.414	1.951	.06	.0633	.1488	63.
%RSD	.9284	45.63	75.17	.2913	101.5	2146.	.1940
#1	1744.	-2.098	-1.216	21.99	.1070	-.0983	32280.
#2	1767.	-4.098	-3.974	22.08	.0176	.1121	32190.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.129	1.405	5.404	4791.	9819.	186.0	5.214
SDev	.021	.162	.080	2.	31.	.6	.250
%RSD	.9818	11.52	1.480	.0421	.3113	.3360	4.802
#1	2.114	1.291	5.347	4790.	9840.	186.4	5.037
#2	2.143	1.520	5.460	4793.	9797.	185.6	5.391
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	172.7	.3317	5.369	-.3024	-118.6	-2.689	5.151
SDev	9.3	.5789	.793	.5055	21.6	1.468	.051
%RSD	5.394	174.5	14.78	167.2	18.21	54.59	.9986
#1	179.3	-.0776	5.930	.0551	-133.9	-1.651	5.115
#2	166.2	.7411	4.808	-.6599	-103.3	-3.727	5.187
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	57.37	1.912	.4352	-.4739	40.01	6.882	4.611
SDev	.08	.218	.4958	2.6008	.06	2.513	.067
%RSD	.1314	11.38	113.9	548.8	.1590	36.51	1.450
#1	57.31	1.759	.0846	-2.313	39.97	8.659	4.564
#2	57.42	2.066	.7858	1.365	40.06	5.105	4.658
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.3839	-.2708					
SDev	2.0241	1.7685					
%RSD	527.3	653.1					
#1	-1.815	.9797					
#2	1.047	-1.521					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1156	--	--	--	--	--	--

SDev	4.123178	--	--	--	--	--	--
%RSD	.3566361	--	--	--	--	--	--
#1	1153	--	--	--	--	--	--
#2	1159	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33384-A-1-F MS@1 Operator:

Run Time: 11/11/11 22:39:05

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11000.	51.57	375.2	477.2	10.05	9.876	154500.
SDev	61.	2.17	.8	1.4	.00	.003	185.
%RSD	.5504	4.206	.2219	.2978	.0021	.0285	.1198
#1	10960.	50.03	374.6	476.1	10.05	9.874	154400.
#2	11050.	53.10	375.8	478.2	10.05	9.878	154700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	52.94	101.4	73.88	23790.	54010.	970.3	115.9
SDev	.45	.4	.27	78.	150.	2.1	.3
%RSD	.8475	.3844	.3621	.3279	.2768	.2159	.2956
#1	53.26	101.6	73.69	23730.	53900.	968.8	116.1
#2	52.63	101.1	74.07	23840.	54120.	971.8	115.6

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4871.	9.205	119.7	357.0	3468.	368.6	120.4
SDev	8.	.110	.9	1.9	48.	4.5	.2
%RSD	.1705	1.199	.7711	.5336	1.389	1.231	.2027
#1	4865.	9.127	119.1	355.6	3502.	365.4	120.2
#2	4877.	9.283	120.4	358.3	3434.	371.8	120.6
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	365.4	99.80	92.91	91.57	298.5	121.0	119.1
SDev	2.2	.54	.57	1.08	.9	2.0	2.4
%RSD	.5923	.5449	.6122	1.177	.2927	1.649	1.998
#1	363.9	99.42	93.31	90.81	297.9	122.4	117.4
#2	366.9	100.2	92.50	92.33	299.1	119.5	120.8
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	356.8	357.0					
SDev	2.6	4.1					
%RSD	.7210	1.159					
#1	358.6	354.1					
#2	355.0	360.0					
Errors	NOCHECK	NOCHECK					
High							

Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	1.524526	--	--	--	--	--	--
%RSD	.1327677	--	--	--	--	--	--
#1	1147	--	--	--	--	--	--
#2	1149	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-33384-A-1-D Operator:
Run Time: 11/11/11 22:45:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11390.	463.6	1901.	2033.	48.50	48.62	172200.
SDev	136.	3.6	19.	25.	.71	.69	2297.
%RSD	1.193	.7741	1.001	1.247	1.469	1.418	1.334
#1	11480.	466.2	1914.	2051.	49.00	49.11	173800.
#2	11290.	461.1	1887.	2015.	48.00	48.13	170600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	206.9	478.0	266.5	24370.	68130.	1401.	498.7
SDev	2.8	5.8	3.7	338.	903.	18.	6.0
%RSD	1.348	1.215	1.381	1.388	1.326	1.316	1.202
#1	208.9	482.1	269.1	24610.	68770.	1414.	503.0
#2	204.9	473.9	263.9	24130.	67500.	1388.	494.5

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19090.	57.45	505.7	1839.	18260.	1870.	497.8
SDev	356.	.63	5.0	20.	249.	34.	6.8
%RSD	1.865	1.093	.9944	1.100	1.363	1.812	1.371
#1	19350.	57.90	509.3	1853.	18440.	1894.	502.6
#2	18840.	57.01	502.2	1824.	18090.	1846.	493.0

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	751.9	476.8	476.5	474.1	684.3	508.9	504.1
SDev	9.1	9.4	6.2	8.8	9.4	4.9	5.1
%RSD	1.208	1.962	1.311	1.863	1.371	.9721	1.006
#1	758.4	483.4	481.0	480.4	690.9	512.4	507.7
#2	745.5	470.2	472.1	467.9	677.6	505.4	500.5

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb

Avge	1835.	1840.
SDev	15.	23.
%RSD	.8413	1.229
#1	1846.	1856.
#2	1824.	1824.
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1150	--	--	--	--	--	--
SDev	13.37417	--	--	--	--	--	--
%RSD	1.163338	--	--	--	--	--	--
#1	1140	--	--	--	--	--	--
#2	1159	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33384-A-2-D@10 Operator:
Run Time: 11/11/11 22:51:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	30200.	-.7572	7.596	322.8	1.517	.6570	125600.
SDev	256.	.8469	.103	2.8	.035	.0301	975.
%RSD	.8461	111.9	1.353	.8789	2.308	4.586	.7765
#1	30380.	-.1583	7.523	324.8	1.541	.6783	126300.
#2	30020.	-1.356	7.669	320.8	1.492	.6357	124900.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	42.25	19.24	38.17	54040.	19630.	956.6	50.56
SDev	.27	1.21	.21	370.	187.	8.3	1.14
%RSD	.6497	6.289	.5401	.6840	.9542	.8649	2.256
#1	42.45	20.09	38.32	54300.	19760.	962.5	51.37
#2	42.06	18.38	38.02	53780.	19500.	950.8	49.75

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5184.	.3948	18.37	5.028	-249.0	-1.235	56.86
SDev	64.	.4626	1.85	1.870	83.5	2.128	.52
%RSD	1.240	117.2	10.06	37.18	33.54	172.4	.9154
#1	5229.	.0677	17.07	3.706	-308.0	.2701	57.23
#2	5138.	.7219	19.68	6.350	-189.9	-2.739	56.49

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	396.4	18.17	.5755	.6876	374.1	17.11	19.00
SDev	4.1	.12	.6490	3.512	3.3	.53	3.03
%RSD	1.041	.6561	112.8	510.8	.8878	3.070	15.97
#1	399.4	18.25	1.034	-1.796	376.4	17.48	16.86

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#2	393.5	18.08	.1166	3.171	371.8	16.73	21.15
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4.163	5.451					
SDev	3.562	4.581					
%RSD	85.57	84.04					
#1	6.681	2.212					
#2	1.644	8.691					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1142	--	--	--	--	--	--
SDev	11.57249	--	--	--	--	--	--
%RSD	1.013445	--	--	--	--	--	--
#1	1134	--	--	--	--	--	--
#2	1150	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33384-A-3-D@20 Operator:
Run Time: 11/11/11 22:58:01
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
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Avge	2702.	-1.240	1.430	22.62	.1521	.1319	115200.	
SDev	29.	1.104	1.697	.16	.0279	.1083	512.	
%RSD	1.067	89.00	118.7	.7263	18.36	82.12	.4441	
#1	2682.	-.4597	.2300	22.50	.1718	.2085	114800.	
#2	2723.	-2.021	2.630	22.73	.1323	.0553	115600.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	2.657	2.257	8.317	7069.	52280.	610.9	6.586	
SDev	.534	.250	.058	47.	128.	2.5	.453	
%RSD	20.11	11.06	.6993	.6694	.2454	.4082	6.872	
#1	3.035	2.081	8.358	7036.	52190.	609.1	6.266	
#2	2.279	2.434	8.276	7103.	52370.	612.6	6.906	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	417.6	.4646	10.82	.8597	-38.49	-.1378	7.705	
SDev	6.5	.2426	.16	2.152	79.06	.4188	.361	
%RSD	1.555	52.22	1.448	250.4	205.4	303.9	4.685	
#1	413.0	.2931	10.71	-.6624	-94.39	.1583	7.450	
#2	422.2	.6362	10.93	2.382	17.42	-.4339	7.961	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	

Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	110.2	4.726	-.3272	-1.554	69.88	10.47	10.99
SDev	1.4	.553	.2912	2.430	.40	.07	.20
%RSD	1.309	11.70	89.00	156.3	.5776	.6991	1.805
#1	109.2	4.335	-.5331	.1640	69.59	10.42	10.85
#2	111.2	5.117	-.1213	-3.273	70.16	10.52	11.13
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	3.594	-.5143					
SDev	.797	3.6249					
%RSD	22.16	704.8					
#1	4.158	-3.078	Analysis Report			11/11/11 11:04:17	
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#2	3.031	2.049					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1201	--	--	--	--	--	--
SDev	4.816129	--	--	--	--	--	--
%RSD	.4009069	--	--	--	--	--	--
#1	1205	--	--	--	--	--	--
#2	1198	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/11/11 23:04:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	118600.	978.0	4887.	9515.	980.3	2458.	123000.
SDev	14.	3.0	18.	1.	1.1	3.	98.
%RSD	.0120	.3116	.3608	.0089	.1141	.1041	.0800
#1	118600.	980.1	4899.	9516.	979.5	2456.	122900.
#2	118600.	975.8	4874.	9515.	981.1	2459.	123000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4899.	2439.	11810.	97240.	118500.	4890.	2446.
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SDev	5.	1.	6.	2.	53.	5.	1.
%RSD	.1092	.0476	.0496	.0022	.0447	.0948	.0403
#1	4895.	2439.	11800.	97240.	118500.	4887.	2445.
#2	4903.	2440.	11810.	97240.	118600.	4894.	2447.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	45880.	1197.	9754.	4844.	116900.	4854.	2409.
SDev	269.	.	23.	10.	130.	12.	3.
%RSD	.5855	.0181	.2380	.2086	.1108	.2470	.1304
#1	46070.	1197.	9737.	4837.	116800.	4862.	2407.
#2	45690.	1197.	9770.	4851.	116900.	4845.	2411.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2470.	969.6	2436.	970.9	9592.	9770.	9746.
SDev	5.	.6	4.	5.0	11.	16.	27.
%RSD	.2089	.0658	.1507	.5117	.1128	.1664	.2738
#1	2466.	969.2	2434.	967.4	9584.	9759.	9727.
#2	2474.	970.1	2439.	974.4	9600.	9782.	9765.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4839.	4846.					
SDev	3.	16.					
%RSD	.0519	.3385					
#1	4840.	4835.					
#2	4837.	4858.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1139	--	--	--	--	--	--
SDev	1.767076	--	--	--	--	--	--
%RSD	.1551187	--	--	--	--	--	--
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#1	1138	--	--	--	--	--	--
#2	1140	--	--	--	--	--	--
Method:	SW846	Sample Name:	CCB	Operator:			
Run Time:	11/11/11 23:10:39						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-188.9	-1.293	-.5011	-.8536	.0216	-.2230	-10.74
SDev	16.5	.233	.1025	.0000	.0017	.0781	.41
%RSD	8.738	18.04	20.45	.0000	7.993	35.04	3.821
#1	L-200.6	-1.128	-.5736	-.8536	.0204	-.2783	-11.03
#2	-177.2	-1.458	-.4286	-.8536	.0228	-.1677	-10.45
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3451	-.2143	-.4457	-11.39	7.011	-.5175	.4268
SDev	.4297	.0824	.2614	1.74	7.703	.0824	.2838

%RSD	124.5	38.47	58.64	15.29	109.9	15.92	66.49
#1	-.6490	-.1560	-.6306	-12.62	12.46	-.5758	.6275
#2	-.0413	-.2726	-.2609	-10.16	1.564	-.4593	.2261
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-24.47	.1110	-.5486	-.4452	-100.4	1.332	.1498
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SDev	.80	.0280	.5628	.5299	80.4	3.019	.0744
%RSD	3.273	25.22	102.6	119.0	80.12	226.7	49.65
#1	-23.91	.1308	-.1506	-.8199	-43.53	3.467	.2024
#2	-25.04	.0912	-.9465	-.0705	-157.3	-.8031	.0972
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1202	1.102	-.0634	-.6433	-.5701	1.014	-1.331
SDev	.2757	.653	1.3571	.8385	.0273	1.084	1.387
%RSD	229.3	59.27	2142.	130.3	4.780	106.9	104.2
#1	.3152	1.564	.8963	-1.236	-.5508	.2473	-.3505
#2	-.0747	.6400	-1.023	-.0504	-.5894	1.780	-2.312
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.0988	-.7257					
SDev	5.305	1.8540					
%RSD	5371.	255.5					
#1	-3.652	.5853					
#2	3.850	-2.037					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1182	--	--	--	--	--	--
SDev	3.360915	--	--	--	--	--	--
%RSD	.2843644	--	--	--	--	--	--

#1	1184	--	--	--	--	--	--
#2	1180	--	--	--	--	--	--
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#	Sample Name	File	Method	Date	Time	OpID	Type	Mode
1	ICV 1200071	92341V1	SW846	11/11/11	19:22	S	CONC	
2	ICB	92341V1	SW846	11/11/11	19:28	S	CONC	
3	ICSA 1200073	92341V1	SW846	11/11/11	19:34	S	CONC	
4	ICSAB 1200106	92341V1	SW846	11/11/11	19:40	S	CONC	
5	INT-20	92341V1	SW846	11/11/11	19:46	S	CONC	
6	REPLIM	92341V1	SW846	11/11/11	19:53	S	CONC	
7	MB 460-92605/1-A@2	92341V1	SW846	11/11/11	19:59	S	CONC	
8	LCSSRM 460-92605/2-A	92341V1	SW846	11/11/11	20:05	S	CONC	

9	460-33491-A-7-H DU@4	92341V1	SW846	11/11/11	20:11	S	CONC
10	460-33491-A-7-G@4	92341V1	SW846	11/11/11	20:17	S	CONC
11	SD 460-33491-A-7-G@2	92341V1	SW846	11/11/11	20:23	S	CONC
12	460-33491-A-7-I MS@4	92341V1	SW846	11/11/11	20:29	S	CONC
13	CCV 1200071	92341V1	SW846	11/11/11	20:36	S	CONC
14	CCB	92341V1	SW846	11/11/11	20:42	S	CONC
15	PDS 460-33491-A-7-G	92341V1	SW846	11/11/11	20:48	S	CONC
16	460-33494-A-1-B@4	92341V1	SW846	11/11/11	20:54	S	CONC
17	460-33494-A-2-B@4	92341V1	SW846	11/11/11	21:00	S	CONC
18	460-33494-A-3-B@4	92341V1	SW846	11/11/11	21:06	S	CONC
19	460-31916-B-3-C@4	92341V1	SW846	11/11/11	21:12	S	CONC
20	460-33443-H-1-D@4	92341V1	SW846	11/11/11	21:18	S	CONC
21	460-33491-A-1-E@4	92341V1	SW846	11/11/11	21:25	S	CONC
22	460-33491-A-2-G@4	92341V1	SW846	11/11/11	21:31	S	CONC
23	460-33491-A-3-E@4	92341V1	SW846	11/11/11	21:37	S	CONC
24	460-33491-A-4-E@4	92341V1	SW846	11/11/11	21:43	S	CONC
25	CCV 1200071	92341V1	SW846	11/11/11	21:49	S	CONC
26	CCB	92341V1	SW846	11/11/11	21:55	S	CONC
27	460-33491-A-5-E@4	92341V1	SW846	11/11/11	22:01	S	CONC
28	460-33491-A-6-E@4	92341V1	SW846	11/11/11	22:07	S	CONC
29	460-33491-A-8-E@4	92341V1	SW846	11/11/11	22:14	S	CONC
30	460-33384-A-1-E DU@1	92341V1	SW846	11/11/11	22:20	S	CONC
31	460-33384-A-1-D@10	92341V1	SW846	11/11/11	22:26	S	CONC
32	SD 460-33384-A-1-D@5	92341V1	SW846	11/11/11	22:32	S	CONC
33	460-33384-A-1-F MS@1	92341V1	SW846	11/11/11	22:39	S	CONC
34	PDS 460-33384-A-1-D	92341V1	SW846	11/11/11	22:45	S	CONC
35	460-33384-A-2-D@10	92341V1	SW846	11/11/11	22:51	S	CONC
36	460-33384-A-3-D@20	92341V1	SW846	11/11/11	22:58	S	CONC
37	CCV 1200071	92341V1	SW846	11/11/11	23:04	S	CONC
38	CCB	92341V1	SW846	11/11/11	23:10	S	CONC

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#	Sample Name	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265
1	ICV 1200071	121500.	972.6	4869.	9686.	972.9	2442.
2	ICB	-83.61	-1.484	-.7379	-.9076	-.0868	-.2737
3	ICSA 1200073	477300.	-2.832	-.9126	3.443	-.0597	-1.943
4	ICSAB 1200106	490200.	105.6	105.6	110.2	103.0	101.2
5	INT-20	-88.69	-33.01	-3.043	10470.	-.5253	-1.924
6	REPLIM	92.97	9.767	2.563	202.3	2.015	4.192
7	MB 460-92605/1-A@2	-166.1	-2.596	-2.503	-.9070	-.0766	-.1340
8	LCSSRM 460-92605/2-A	39870.	565.6	528.6	954.5	392.8	314.2
9	460-33491-A-7-H DU@4	22300.	1.766	11.65	240.1	1.098	-.8286
10	460-33491-A-7-G@4	22240.	-.7605	8.935	229.1	1.034	-.9052
11	SD 460-33491-A-7-G@2	4086.	-1.404	.3895	42.76	.1850	-.3000
12	460-33491-A-7-I MS@4	28100.	210.7	956.1	1198.	25.69	23.65
13	CCV 1200071	119900.	989.4	4906.	9630.	976.8	2437.
14	CCB	-198.4	.0843	1.462	-.8536	.0530	-.1050
15	PDS 460-33491-A-7-G	23790.	481.1	1939.	2198.	50.29	49.03
16	460-33494-A-1-B@4	13950.	29.33	35.08	118.4	2.292	2.077
17	460-33494-A-2-B@4	9894.	22.82	31.85	120.0	.9137	.7858
18	460-33494-A-3-B@4	12500.	21.67	34.25	143.7	1.575	1.145
19	460-31916-B-3-C@4	71580.	.6428	26.83	380.5	4.225	-2.607
20	460-33443-H-1-D@4	38470.	-.6864	22.93	633.9	4.964	2.500
21	460-33491-A-1-E@4	55570.	-1.123	12.00	304.8	2.126	-1.507
22	460-33491-A-2-G@4	55500.	-2.904	9.294	520.3	3.247	-1.222
23	460-33491-A-3-E@4	29210.	1.167	37.71	339.2	1.358	.3219
24	460-33491-A-4-E@4	32630.	.7510	19.59	233.2	1.244	-.2444
25	CCV 1200071	121800.	1004.	4956.	9752.	987.6	2479.
26	CCB	-179.9	-2.461	-.6009	-1.064	-.0125	-.2880
27	460-33491-A-5-E@4	27340.	4.251	33.57	332.8	1.660	.4576
28	460-33491-A-6-E@4	36890.	-.3901	27.23	251.5	1.332	-.9457
29	460-33491-A-8-E@4	28750.	-.5014	6.774	203.5	1.289	-.8329
30	460-33384-A-1-E DU@1	8316.	-2.019	6.383	103.6	.4808	.2728
31	460-33384-A-1-D@10	9808.	-2.485	4.637	116.1	.5529	.1678
32	SD 460-33384-A-1-D@5	1755.	-3.098	-2.595	22.04	.0623	.0069
33	460-33384-A-1-F MS@1	11000.	51.57	375.2	477.2	10.05	9.876
34	PDS 460-33384-A-1-D	11390.	463.6	1901.	2033.	48.50	48.62
35	460-33384-A-2-D@10	30200.	-.7572	7.596	322.8	1.517	.6570
36	460-33384-A-3-D@20	2702.	-1.240	1.430	22.62	.1521	.1319
37	CCV 1200071	118600.	978.0	4887.	9515.	980.3	2458.
38	CCB	-188.9	-1.293	-.5011	-.8536	.0216	-.2230
#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832

```

1 ICV 1200071      123200.  4899.   2447.   12080.  97780.  121300.
2 ICB              -9.891  -.2301  -.7299  .2079   -11.91  1.256
3 ICSA 1200073     452500. -2.862  1.046   2.650   195800. 520300.
4 ICSAB 1200106    470500. 99.19   102.5   111.4   203800. 535500.
5 INT-20           48.11   20470.  20040.  -.3946  31.10   35.04
6 REPLIM           5227.   11.69   51.98   24.02   152.5   4797.
7 MB 460-92605/1-A@2 16.01   -.1879  -1.222  -.5668  -7.861  -.2792
8 LCSSRM 460-92605/2-A 51030.  1211.   472.4   872.2   84630.  17540.
9 460-33491-A-7-H DU@4 8014.   62.77   22.26   86.10   58950.  6996.
10 460-33491-A-7-G@4 8223.   63.20   20.65   93.31   53110.  6058.
11 SD 460-33491-A-7-G@2 1527.   10.86   3.414   16.83   9964.   1149.
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#	Sample Name	Ca3179	Cr2677	Co2286	Cu3247	Fe2714	Mg3832
12	460-33491-A-7-I MS@4	17040.	162.4	262.0	206.6	55680.	15550.
13	CCV 1200071	121600.	4879.	2427.	11930.	96820.	119400.
14	CCB	-10.85	-.6851	-.5455	-.4362	-6.334	2.005
15	PDS 460-33491-A-7-G	27950.	260.0	505.2	332.6	52410.	24330.
16	460-33494-A-1-B@4	6890.	35.85	8.706	52.08	28990.	1586.
17	460-33494-A-2-B@4	4774.	29.56	5.224	60.07	26120.	882.9
18	460-33494-A-3-B@4	17730.	35.83	8.033	62.61	27960.	1315.
19	460-31916-B-3-C@4	7182.	115.4	54.16	60.27	128400.	13840.
20	460-33443-H-1-D@4	129000.	1197.	37.62	443.6	81970.	13970.
21	460-33491-A-1-E@4	H425200.	128.6	23.20	107.2	64630.	48110.
22	460-33491-A-2-G@4	H401400.	65.59	15.61	73.73	59900.	40140.
23	460-33491-A-3-E@4	12790.	64.40	25.45	179.3	58550.	8856.
24	460-33491-A-4-E@4	23730.	81.69	32.17	240.8	71690.	16420.
25	CCV 1200071	123100.	4944.	2460.	12150.	97990.	121500.
26	CCB	-10.02	-.8884	-.9512	-.1540	-23.73	-9.043
27	460-33491-A-5-E@4	27170.	145.9	22.88	160.2	64840.	7225.
28	460-33491-A-6-E@4	10360.	76.13	23.78	108.2	73960.	8348.
29	460-33491-A-8-E@4	7655.	62.78	15.59	52.10	45350.	5321.
30	460-33384-A-1-E DU@1	162700.	11.73	9.861	27.30	23340.	53040.
31	460-33384-A-1-D@10	162400.	14.67	10.46	30.45	24630.	51330.
32	SD 460-33384-A-1-D@5	32240.	2.129	1.405	5.404	4791.	9819.
33	460-33384-A-1-F MS@1	154500.	52.94	101.4	73.88	23790.	54010.
34	PDS 460-33384-A-1-D	172200.	206.9	478.0	266.5	24370.	68130.
35	460-33384-A-2-D@10	125600.	42.25	19.24	38.17	54040.	19630.
36	460-33384-A-3-D@20	115200.	2.657	2.257	8.317	7069.	52280.
37	CCV 1200071	123000.	4899.	2439.	11810.	97240.	118500.
38	CCB	-10.74	-.3451	-.2143	-.4457	-11.39	7.011

#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960
1	ICV 1200071	4883.	2441.	48840.	1216.	9780.	4872.
2	ICB	-.4926	.3417	34.27	-.1527	.3835	-.2427
3	ICSA 1200073	-6.773	1.717	-3.248	1.341	.9884	-4.987
4	ICSAB 1200106	98.02	102.9	10840.	107.8	101.8	102.3
5	INT-20	19300.	10720.	63.40	2.144	-1.584	-5.008
6	REPLIM	16.55	42.85	4558.	9.616	5.221	3.251
7	MB 460-92605/1-A@2	-.4953	-.2958	29.74	.0678	1.498	.3730
8	LCSSRM 460-92605/2-A	2825.	703.2	18510.	148.7	434.9	1403.
9	460-33491-A-7-H DU@4	1145.	42.44	1254.	.9172	169.4	1.631
10	460-33491-A-7-G@4	1031.	52.10	1312.	1.035	193.5	1.315
11	SD 460-33491-A-7-G@2	193.2	10.45	151.5	.5383	35.91	.1807
12	460-33491-A-7-I MS@4	1430.	285.8	9959.	23.91	419.3	911.5
13	CCV 1200071	4872.	2430.	46720.	1204.	9707.	4877.
14	CCB	-.5539	.4999	-29.91	.3440	-.6715	-.5539
15	PDS 460-33491-A-7-G	1502.	541.5	19430.	56.56	674.6	1859.
16	460-33494-A-1-B@4	216.3	22.54	768.7	.2914	648.5	2.049
17	460-33494-A-2-B@4	82.19	14.57	422.0	.6143	734.3	6.077
18	460-33494-A-3-B@4	132.0	24.63	559.0	.3969	735.6	5.685
19	460-31916-B-3-C@4	2107.	69.71	5856.	.5731	64.85	2.490
20	460-33443-H-1-D@4	2166.	97.81	11020.	7.172	489.5	8.710
21	460-33491-A-1-E@4	2204.	68.69	4211.	1.067	53.80	3.965
22	460-33491-A-2-G@4	1512.	44.37	2874.	.8725	82.71	4.492
23	460-33491-A-3-E@4	1618.	55.58	1180.	.9795	829.8	2.027
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#	Sample Name	Mn2576	Ni2316	K_7664	Ag3280	Pb2203	Se1960

24	460-33491-A-4-E@4	1284.	73.28	1426.	1.053	447.5	1.482
25	CCV 1200071	4947.	2474.	47410.	1219.	9885.	4942.
26	CCB	-.6519	.3700	-2.978	-.4495	.3115	-.5691
27	460-33491-A-5-E@4	1034.	55.76	1487.	2.771	463.7	3.244
28	460-33491-A-6-E@4	901.2	49.48	1388.	.5346	283.3	3.092
29	460-33491-A-8-E@4	740.6	33.90	901.3	.0045	128.3	4.544
30	460-33384-A-1-E DU@1	961.5	21.70	979.6	.6541	26.91	.2657
31	460-33384-A-1-D@10	957.7	24.88	1137.	.5173	28.06	.4723
32	SD 460-33384-A-1-D@5	186.0	5.214	172.7	.3317	5.369	-.3024
33	460-33384-A-1-F MS@1	970.3	115.9	4871.	9.205	119.7	357.0
34	PDS 460-33384-A-1-D	1401.	498.7	19090.	57.45	505.7	1839.
35	460-33384-A-2-D@10	956.6	50.56	5184.	.3948	18.37	5.028
36	460-33384-A-3-D@20	610.9	6.586	417.6	.4646	10.82	.8597
37	CCV 1200071	4890.	2446.	45880.	1197.	9754.	4844.
38	CCB	-.5175	.4268	-24.47	.1110	-.5486	-.4452

#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020

1	ICV 1200071	121800.	4869.	2442.	2447.	977.5	2442.
2	ICB	-170.0	-1.303	.1268	-.0417	1.521	.3975
3	ICSA 1200073	-934.6	-2.202	-1.151	9.312	-3.368	-2.428
4	ICSAB 1200106	9769.	98.00	101.0	110.2	100.7	100.1
5	INT-20	-427.0	-4.095	19970.	-7.297	11.82	10460.
6	REPLIM	4718.	12.01	52.27	35.24	48.63	20.99
7	MB 460-92605/1-A@2	76.03	-3.987	.0251	.9602	2.544	.7405
8	LCSSRM 460-92605/2-A	4070.	632.3	575.2	3030.	706.8	265.5
9	460-33491-A-7-H DU@4	160.6	1.282	94.41	445.6	8.847	.4474
10	460-33491-A-7-G@4	179.2	-2.029	89.75	180.5	8.481	.0807
11	SD 460-33491-A-7-G@2	-229.0	.8016	16.85	33.60	1.809	-.6744
12	460-33491-A-7-I MS@4	8983.	944.0	328.5	421.3	236.7	241.1
13	CCV 1200071	118700.	4853.	2412.	2431.	970.7	2433.
14	CCB	-193.7	4.312	.3232	-.4149	.5619	-.4992
15	PDS 460-33491-A-7-G	18440.	1921.	572.3	666.9	482.5	487.3
16	460-33494-A-1-B@4	-102.4	2.046	92.84	104.3	6.134	2.252
17	460-33494-A-2-B@4	156.3	.6593	70.59	52.95	8.240	1.894
18	460-33494-A-3-B@4	147.4	2.154	134.3	77.89	8.609	1.810
19	460-31916-B-3-C@4	165.2	2.388	215.6	171.3	9.379	.2894
20	460-33443-H-1-D@4	1353.	8.349	133.0	1726.	24.47	5.660
21	460-33491-A-1-E@4	1701.	-1.997	108.4	245.0	101.0	3.313
22	460-33491-A-2-G@4	2028.	1.469	105.9	289.7	98.60	.8227
23	460-33491-A-3-E@4	847.1	.7425	98.20	456.3	8.916	-.3395
24	460-33491-A-4-E@4	1201.	-.8044	138.8	365.7	32.14	5.260
25	CCV 1200071	119900.	4944.	2448.	2458.	987.4	2473.
26	CCB	-304.0	1.603	-.1803	.2319	.4900	-.2270
27	460-33491-A-5-E@4	-24.36	.1451	116.7	417.0	16.01	1.195
28	460-33491-A-6-E@4	-134.0	.3788	112.6	279.8	8.418	1.973
29	460-33491-A-8-E@4	-22.17	.6637	68.34	145.3	6.648	-.7133
30	460-33384-A-1-E DU@1	-22.74	-.5554	24.03	280.1	7.557	.3375
31	460-33384-A-1-D@10	-35.95	-.9593	25.35	294.0	7.791	.6143
32	SD 460-33384-A-1-D@5	-118.6	-2.689	5.151	57.37	1.912	.4352
33	460-33384-A-1-F MS@1	3468.	368.6	120.4	365.4	99.80	92.91
34	PDS 460-33384-A-1-D	18260.	1870.	497.8	751.9	476.8	476.5
35	460-33384-A-2-D@10	-249.0	-1.235	56.86	396.4	18.17	.5755

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#	Sample Name	Na3302	Tl1908	V_2924	Zn2062	B_2496	Mo2020

36	460-33384-A-3-D@20	-38.49	-.1378	7.705	110.2	4.726	-.3272
37	CCV 1200071	116900.	4854.	2409.	2470.	969.6	2436.
38	CCB	-100.4	1.332	.1498	.1202	1.102	-.0634

#	Sample Name	Sn1899	Ti3349	*Y

1	ICV 1200071	981.4	9778.	1117.79
2	ICB	1.240	-.6201	1102.45
3	ICSA 1200073	-.2174	-1.131	1054.77
4	ICSAB 1200106	101.2	103.6	1037.26
5	INT-20	-.2989	19640.	1095.54
6	REPLIM	47.35	21.23	1149.17
7	MB 460-92605/1-A@2	.4718	-.7879	1108.94
8	LCSSRM 460-92605/2-A	528.9	2093.	1182.69
9	460-33491-A-7-H DU@4	9.762	1253.	1162.21

10	460-33491-A-7-G@4	56.14	1267.	1150.47
11	SD 460-33491-A-7-G@2	11.12	237.8	1210.91
12	460-33491-A-7-I MS@4	270.5	1377.	1177.86
13	CCV 1200071	967.6	9620.	1148.12
14	CCB	.3086	-.5185	1211.16
15	PDS 460-33491-A-7-G	539.5	1730.	1171.25
16	460-33494-A-1-B@4	15.36	245.0	1201.06
17	460-33494-A-2-B@4	15.62	200.0	1224.53
18	460-33494-A-3-B@4	17.35	236.6	1218.16
19	460-31916-B-3-C@4	4.710	2397.	1205.74
20	460-33443-H-1-D@4	16.73	1155.	1111.93
21	460-33491-A-1-E@4	6.396	3420.	1171.76
22	460-33491-A-2-G@4	8.514	4239.	1199.57
23	460-33491-A-3-E@4	23.07	1449.	1197.41
24	460-33491-A-4-E@4	12.35	2593.	1207.07
25	CCV 1200071	980.3	9764.	1132.17
26	CCB	-1.578	-.7104	1131.53
27	460-33491-A-5-E@4	18.13	1175.	1151.33
28	460-33491-A-6-E@4	7.700	1071.	1184.55
29	460-33491-A-8-E@4	40.64	753.1	1150.79
30	460-33384-A-1-E DU@1	-.1435	179.5	1154.56
31	460-33384-A-1-D@10	3.904	209.9	1127.86
32	SD 460-33384-A-1-D@5	-.4739	40.01	1156.13
33	460-33384-A-1-F MS@1	91.57	298.5	1148.27
34	PDS 460-33384-A-1-D	474.1	684.3	1149.64
35	460-33384-A-2-D@10	.6876	374.1	1141.9
36	460-33384-A-3-D@20	-1.554	69.88	1201.31
37	CCV 1200071	970.9	9592.	1139.18
38	CCB	-.6433	-.5701	1181.9

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Table Name: 4 Autosampler Type: TYPE TJA
Sample Positions: 121/192 QC Positions: 19/19 # Sets: 1
Rinse Station location is rack -1, pos. -1.

--- Racks ---

Rack #	Type	Usage	#Pos Left	Analyses/Pos
1	Aux. (L) Rack	STD/QC/BLANK	19	10
2	Sample (16mm)	Samples	0	1
3	Sample (16mm)	Samples	25	1
4	Sample (16mm)	Samples	48	1
5	Sample (16mm)	Samples	48	1

--- Sample Sets ---

Set#	Type	Prepare?	Description	Method	#Pos	Rack#	StartPos
1	Normal	No	679-663-389	*FromMTD	71	2	1

--- Preparation Info ---

Set#	Uptake	Uptake#2	Final	Dil.Factor
No Samples Prepared.				

Rack #1

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...19 Not Used)						

Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 460-92679/1-A	1	-NA-	Sample
2	1	2	LCS 460-92679/2-A	1	-NA-	Sample
3	1	3	460-33457-A-1-C DU@5	1	-NA-	Sample
4	1	4	460-33457-A-1-B@5	1	-NA-	Sample
5	1	5	SD 460-33457-A-1-B@2	1	-NA-	Sample
6	1	6	460-33457-A-1-D MS@5	1	-NA-	Sample
7	1	7	PDS 460-33457-A-1-B	1	-NA-	Sample
8	1	8	460-33494-A-1-C@5	1	-NA-	Sample
9	1	9	460-33494-A-2-C@5	1	-NA-	Sample

10	1	10	460-33494-A-3-C@5	1	-NA-	Sample
11	1	11	CCV 1200071	1	-NA-	Sample
12	1	12	CCB	1	-NA-	Sample
13	2	1	460-33468-A-1-D@5	1	-NA-	Sample
14	2	2	LB 460-92588/1-B@5	1	-NA-	Sample
15	2	3	CCV 1200071	1	-NA-	Sample
16	2	4	CCB	1	-NA-	Sample
17	2	5	MB 460-92663/1-A	1	-NA-	Sample
18	2	6	LCS 460-92663/2-A	1	-NA-	Sample
19	2	7	460-33518-H-3-B DU	1	-NA-	Sample
20	2	8	460-33518-H-3-A	1	-NA-	Sample
21	2	9	SD 460-33518-H-3-A@5	1	-NA-	Sample

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Rack #2

Pos	Row	Col	Sample Name	Set #	#Used	Type
22	2	10	460-33518-H-3-C MS	1	-NA-	Sample
23	2	11	PDS 460-33518-H-3-A	1	-NA-	Sample
24	2	12	460-32949-A-3-C	1	-NA-	Sample
25	3	1	460-32949-A-17-E	1	-NA-	Sample
26	3	2	460-32949-A-18-C	1	-NA-	Sample
27	3	3	CCV 1200071	1	-NA-	Sample
28	3	4	CCB	1	-NA-	Sample
29	3	5	460-33541-F-2-A	1	-NA-	Sample
30	3	6	460-33365-F-4-B	1	-NA-	Sample
31	3	7	460-33365-F-5-B	1	-NA-	Sample
32	3	8	460-33372-A-14-B	1	-NA-	Sample
33	3	9	460-33511-B-7-A	1	-NA-	Sample
34	3	10	460-33395-F-1-D	1	-NA-	Sample
35	3	11	460-33395-F-2-B	1	-NA-	Sample
36	3	12	460-33395-F-3-B	1	-NA-	Sample
37	4	1	460-33395-F-4-B	1	-NA-	Sample
38	4	2	460-33395-F-5-B	1	-NA-	Sample
39	4	3	CCV 1200071	1	-NA-	Sample
40	4	4	CCB	1	-NA-	Sample
41	4	5	460-33395-F-6-B	1	-NA-	Sample
42	4	6	460-33426-A-8-A	1	-NA-	Sample
43	4	7	460-33446-B-20-A	1	-NA-	Sample
44	4	8	460-33446-B-26-A	1	-NA-	Sample
45	4	9	460-33446-D-45-A	1	-NA-	Sample
46	4	10	460-33119-F-1-B	1	-NA-	Sample
47	4	11	CCV 1200071	1	-NA-	Sample
48	4	12	CCB	1	-NA-	Sample

Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type
1	1	1	MB 460-92389/1-A	1	-NA-	Sample
2	1	2	LCS 460-92389/2-A	1	-NA-	Sample
3	1	3	460-33168-A-1-D DU	1	-NA-	Sample
4	1	4	460-33168-D-1-G	1	-NA-	Sample
5	1	5	SD 460-33168-D-1-G@5	1	-NA-	Sample
6	1	6	460-33168-D-1-H MS	1	-NA-	Sample
7	1	7	PDS 460-33168-D-1-G	1	-NA-	Sample
8	1	8	460-33104-D-1-D	1	-NA-	Sample
9	1	9	460-33104-D-2-D	1	-NA-	Sample
10	1	10	460-33104-D-3-D	1	-NA-	Sample
11	1	11	CCV 1200071	1	-NA-	Sample
12	1	12	CCB	1	-NA-	Sample
13	2	1	460-33104-D-4-D	1	-NA-	Sample
14	2	2	460-33104-D-5-D	1	-NA-	Sample
15	2	3	460-33104-D-6-D	1	-NA-	Sample
16	2	4	460-33104-D-7-D	1	-NA-	Sample
17	2	5	460-33104-D-8-D	1	-NA-	Sample
18	2	6	460-32800-A-4-C	1	-NA-	Sample
19	2	7	460-33168-D-2-D	1	-NA-	Sample
20	2	8	460-33168-D-3-D	1	-NA-	Sample
21	2	9	460-33168-D-4-D	1	-NA-	Sample

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Rack #3

Pos	Row	Col	Sample Name	Set #	#Used	Type

22	2	10	CCV 1200071	1	-NA-	Sample
23	2	11	CCB	1	-NA-	Sample
(24...48		Not	Used)			

Rack #4

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48		Not	Used)			

Rack #5

Pos	Row	Col	Sample Name	Set #	#Used	Type
(1...48		Not	Used)			

Method: SW846 Sample Name: MB 460-92679/1-A Operator:
Run Time: 11/11/11 23:51:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-167.1	.2819	-3.110	-.9064	-.0572	-.2336	-7.040
SDev	13.2	.5560	1.759	.0746	.0118	.0984	.250
%RSD	7.892	197.2	56.55	8.229	20.67	42.12	3.557
#1	-176.4	-.1113	-4.354	-.9591	-.0488	-.1640	-6.863
#2	-157.7	.6750	-1.866	-.8536	-.0656	-.3032	-7.217
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2031	-.3493	-.1196	-10.49	-3.474	-.4698	.4997
SDev	.1660	.0833	.4674	4.96	3.569	.0452	.4052
%RSD	81.73	23.84	390.9	47.32	102.7	9.615	81.10
#1	-.0857	-.4082	.2110	-6.980	-.9504	-.5018	.2131
#2	-.3205	-.2904	-.4501	-14.00	-5.998	-.4379	.7862
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6.294	-.2159	-.4078	-.2437	-205.3	-.4554	.1170
SDev	14.07	.0619	.5418	.4326	21.6	.6190	.1355
%RSD	223.6	28.66	132.9	177.5	10.52	135.9	115.8
#1	-3.658	-.1722	-.7909	.0622	-220.6	-.8931	.2127
#2	16.25	-.2597	-.0247	-.5496	-190.0	-.0177	.0212

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.479	.6911	-.0137	-.4194	-.8108	2.468	-1.848
SDev	.032	.7457	.4289	.9570	.0587	.682	.472
%RSD	2.142	107.9	3132.	228.2	7.234	27.64	25.53
#1	1.457	.1639	-.3170	.2573	-.7693	1.986	-2.181
#2	1.502	1.218	.2896	-1.096	-.8523	2.951	-1.514
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.066	.1573
SDev	1.054	1.175
%RSD	98.94	747.1

#1	-1.811	.9881
#2	-.3201	-.6736

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1125	--	--	--	--	--	--
SDev	6.998907	--	--	--	--	--	--
%RSD	.6219404	--	--	--	--	--	--
#1	1130	--	--	--	--	--	--
#2	1120	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-92679/2-A Operator:
Run Time: 11/11/11 23:57:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5013.	1031.	5262.	10140.	1037.	1088.	21790.
SDev	8.	1.	10.	3.	1.	1.	24.
%RSD	.1678	.1300	.1883	.0252	.1375	.0670	.1078
#1	5007.	1030.	5255.	10140.	1038.	1089.	21810.
#2	5019.	1032.	5269.	10140.	1036.	1088.	21780.

Errors	NOCHECK	NOCHECK	LC Pass	LC Pass	NOCHECK	LC Pass	NOCHECK
High			6000.	12000.		1200.	
Low			4000.	8000.		800.0	

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5308.	1059.	1033.	1080.	20050.	1081.	1085.
SDev	5.	1.	3.	2.	28.	1.	.
%RSD	.0925	.0648	.2619	.1502	.1403	.0682	.0144
#1	5312.	1059.	1031.	1079.	20030.	1081.	1085.
#2	5305.	1060.	1035.	1081.	20070.	1080.	1085.

Errors	LC Pass	NOCHECK	LC Pass	NOCHECK	NOCHECK	NOCHECK	LC Pass
High	6000.		1200.				1200.
Low	4000.		800.0				800.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20310.	500.6	5269.	1010.	19650.	1050.	526.8
SDev	19.	1.3	17.	4.	5.	7.	.1
%RSD	.0922	.2669	.3205	.4252	.0277	.6223	.0187
#1	20300.	499.6	5257.	1007.	19640.	1045.	526.9
#2	20330.	501.5	5281.	1013.	19650.	1055.	526.7

Errors	NOCHECK	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	NOCHECK
High		600.0	6000.	1200.			
Low		400.0	4000.	800.0			

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1081.	1002.	1057.	1035.	1057.	5261.	5273.
SDev	1.	2.	.	.	1.	10.	20.
%RSD	.1202	.1877	.0139	.0060	.0657	.1865	.3871

#1	1082.	1001.	1057.	1035.	1057.	5254.	5259.	□□Analysis
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#2	1080.	1003.	1058.	1035.	1056.	5268.	5288.
Errors	LC Pass	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK	NOCHECK
High	1200.						
Low	800.0						
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1006.	1012.					
SDev	1.	6.					
%RSD	.1129	.5803					
#1	1005.	1007.					
#2	1007.	1016.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1087	--	--	--	--	--	--
SDev	.2078507	--	--	--	--	--	--
%RSD	.0191204	--	--	--	--	--	--
#1	1087	--	--	--	--	--	--
#2	1087	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33457-A-1-C DU@5 Operator:

Run Time: 11/12/11 00:03:24

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	□□Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	-30.04	1.086	-2.583	5086.	.0605	.4805	10220.
SDev	1.19	.821	1.159	21.	.0391	.0059	9.
%RSD	3.965	75.66	44.87	.4062	64.67	1.219	.0856
#1	-30.89	1.666	-3.403	5100.	.0329	.4846	10210.
#2	-29.20	.5047	-1.764	5071.	.0882	.4763	10230.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.857	.4323	44.97	44.94	1468.	143.2	12.36
SDev	.015	.4863	.07	2.34	1.	.1	.19
%RSD	.1512	112.5	.1516	5.217	.0608	.0656	1.577
#1	9.868	.7762	45.01	46.60	1469.	143.1	12.23
#2	9.847	.0885	44.92	43.29	1468.	143.2	12.50
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4052.	-.3154	3.990	.8436	H266700.	.4346	.3448
SDev	14.	.0486	.126	2.114	82.	2.213	.3328
%RSD	.3478	15.40	3.154	250.6	.0308	509.2	96.54
#1	4062.	-.3498	4.079	2.338	H266700.	-1.130	.5801
#2	4043.	-.2811	3.901	-.6512	H266800.	1.999	.1094

Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC High 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	1797.	46.20	1.665	3.647	-.3211	4.318	3.824
SDev	7.	.05	.015	1.106	.0256	.089	.231
%RSD	.3961	.1086	.9237	30.33	7.983	2.050	6.044
#1	1792.	46.16	1.676	4.429	-.3392	4.256	3.987
#2	1802.	46.24	1.654	2.864	-.3030	4.381	3.660
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	2.014	.2504					
SDev	4.095	1.125					
%RSD	203.3	449.2					
#1 AM	4.910	1.046	Analysis Report			11/12/11 00:09:28	
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#2	-.8818	-.5449					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1188	--	--	--	--	--	--
SDev	1.559139	--	--	--	--	--	--
%RSD	.1312591	--	--	--	--	--	--
#1	1187	--	--	--	--	--	--
#2	1189	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33457-A-1-B@5 Operator:
Run Time: 11/12/11 00:09:31
Comment:
Mode: CONC Corr. Factor: 1

Elem Units	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb
Avge	-24.18	2.974	.2861	4716.	.0893	.4372	9574.
SDev	.57	1.151	.5553	15.	.0402	.1331	42.
%RSD	2.349	38.69	194.1	.3233	45.03	30.45	.4427
#1	-23.77	3.788	.6787	4727.	.0608	.5313	9604.
#2	-24.58	2.160	-.1065	4706.	.1177	.3430	9544.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	9.246	1.996	43.10	58.66	1369.	134.3	11.93
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SDev	.136	.090	.33	2.80	1.	.5	.37
%RSD	1.473	4.514	.7689	4.780	.0873	.3674	3.077
#1	9.342	2.059	42.86	56.67	1368.	134.6	12.19
#2	9.149	1.932	43.33	60.64	1369.	133.9	11.67
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3734.	.3953	4.116	1.150	247500.	1.277	.5539
SDev	9.	.1408	.378	.832	718.	.882	.2077
%RSD	.2456	35.62	9.174	72.35	.2900	69.05	37.51
#1	3727.	.2957	4.384	1.738	248000.	.6534	.7008
#2	3740.	.4948	3.849	.5616	247000.	1.900	.4070
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4862.	44.80	1.600	2.530	.2500	4.827	3.760
SDev	36.	.41	.054	1.327	.1296	1.118	1.124
%RSD	.7442	.9198	3.390	52.44	51.85	23.15	29.89
#1	4888.	44.50	1.562	1.592	.3417	4.037	4.555
#2	4837.	45.09	1.639	3.468	.1583	5.617	2.966
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.710	.3618					
SDev	2.640	2.565					
%RSD	97.44	709.0					
#1	.8428	2.176					
#2	4.577	-1.452					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1151	--	--	--	--	--	--
SDev	3.845929	--	--	--	--	--	--
%RSD	.3340996	--	--	--	--	--	--
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#1	1148	--	--	--	--	--	--
#2	1154	--	--	--	--	--	--

Method:	SW846	Sample Name:	SD 460-33457-A-1-B@2	Operator:			
Run Time:	11/12/11 00:15:39						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-42.58	.1557	-1.258	960.8	.0029	.0421	1920.
SDev	68.12	.1251	.738	3.5	.0003	.1130	8.
%RSD	160.0	80.34	58.69	.3613	8.567	268.5	.4102
#1	-90.75	.2442	-.7358	963.3	.0030	.1220	1926.
#2	5.592	.0673	-1.780	958.4	.0027	-.0378	1915.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.727	.0052	8.281	.6112	266.8	26.22	3.549
SDev	.210	.2470	.055	2.369	5.3	.10	.451
%RSD	12.15	4744.	.6649	387.6	1.980	.3726	12.71
#1	1.875	.1799	8.320	-1.064	270.5	26.29	3.868
#2	1.578	-.1695	8.242	2.286	263.0	26.15	3.230
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	586.5	-.2077	.5850	.8068	50560.	-.4027	.1019
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SDev	2.9	.2871	1.078	.2153	179.	3.2446	.1306
%RSD	.4973	138.3	184.3	26.68	.3532	805.7	128.1
#1	588.6	-.0046	-.1773	.9590	50680.	1.892	.0096
#2	584.4	-.4107	1.347	.6546	50430.	-2.697	.1942
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1487.	9.760	-.4871	.0313	-.4692	.4457	.6507
SDev	3.	.473	.4925	.8881	.0232	2.161	2.695
%RSD	.1917	4.848	101.1	2836.	4.948	484.8	414.2
#1	1489.	10.09	-.1388	-.5967	-.4528	1.974	-1.255
#2	1485.	9.425	-.8354	.6593	-.4856	-1.082	2.556
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.4208	1.411					
SDev	2.5872	.969					
%RSD	614.9	68.69					
#1	1.409	.7255					
#2	-2.250	2.096					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1171	--	--	--	--	--	--
SDev	4.227104	--	--	--	--	--	--
%RSD	.3610120	--	--	--	--	--	--
#1	1168	--	--	--	--	--	--
#2	1174	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33457-A-1-D MS@5 Operator:
Run Time: 11/12/11 00:21:46
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	989.5	204.3	1043.	7004.	204.1	213.4	14540.
SDev	37.0	3.9	29.	188.	5.1	4.5	371.
%RSD	3.735	1.908	2.744	2.683	2.485	2.106	2.551

#1	963.3	201.5	1023.	6871.	200.5	210.2	14280.
#2	1016.	207.0	1064.	7137.	207.7	216.6	14800.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1044.	207.4	248.8	268.0	5346.	354.6	224.0
SDev	28.	5.1	7.4	3.3	161.	9.5	4.3
%RSD	2.644	2.475	2.972	1.236	3.004	2.669	1.907
#1	1025.	203.7	243.6	270.3	5232.	347.9	221.0
#2	1064.	211.0	254.0	265.6	5459.	361.3	227.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8281.	98.05	1042.	205.1	H268500.	204.9	102.4
SDev	272.	1.94	30.	6.8	6839.	8.3	2.6
%RSD	3.290	1.977	2.925	3.306	2.547	4.055	2.572
#1	8089.	96.68	1020.	200.3	H263600.	199.0	100.5
#2	8474.	99.43	1063.	209.9	H273300.	210.8	104.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	2017.	239.8	207.6	207.7	204.4	1042.	1042.
SDev	45.	5.6	6.2	4.4	5.4	34.	29.
%RSD	2.242	2.337	2.982	2.120	2.623	3.274	2.751
#1	1985.	235.8	203.2	204.6	200.6	1018.	1021.
#2	2049.	243.8	212.0	210.8	208.2	1066.	1062.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	205.8	204.8					
SDev	8.4	6.0					
%RSD	4.105	2.906					
#1	199.8	200.6					
#2	211.7	209.0					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1141	--	--	--	--	--	--
SDev	24.56557	--	--	--	--	--	--
%RSD	2.153099	--	--	--	--	--	--
#1	1158	--	--	--	--	--	--
#2	1124	--	--	--	--	--	--

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Method: SW846

Sample Name: PDS 460-33457-A-1-B

Operator:

Run Time: 11/12/11 00:27:53
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4518.	909.4	4619.	13180.	907.6	938.0	28070.
SDev	14.	2.2	14.	19.	3.0	4.0	104.
%RSD	.3158	.2388	.3104	.1421	.3352	.4214	.3699
#1	4528.	911.0	4609.	13190.	905.5	935.2	28000.
#2	4508.	907.9	4629.	13160.	909.8	940.8	28140.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4593.	924.2	952.2	976.8	18900.	1067.	947.7
SDev	11.	2.3	2.8	5.3	44.	2.	4.8
%RSD	.2425	.2517	.2954	.5464	.2327	.1997	.5088
#1	4586.	922.5	954.2	980.5	18930.	1065.	944.3
#2	4601.	925.8	950.2	973.0	18870.	1068.	951.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22960.	434.0	4592.	913.0	H260500.	924.6	456.3
SDev	3.	.0	9.	.8	1200.	1.8	.3
%RSD	.0138	.0077	.1989	.0900	.4608	.1895	.0564
#1	22960.	434.0	4586.	912.4	H261300.	923.4	456.1
#2	22960.	433.9	4598.	913.6	H259600.	925.9	456.5
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2516.	923.3	919.0	860.8	907.5	4568.	4604.
SDev	10.	1.6	3.4	5.7	.7	6.	11.
%RSD	.3903	.1679	.3676	.6602	.0736	.1270	.2345
#1	2509.	922.2	916.6	856.8	907.1	4564.	4596.
#2	2523.	924.4	921.4	864.8	908.0	4572.	4611.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				11/12/11 00:33:57
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Units	ppb	ppb					
Avge	907.2	915.9					
SDev	2.4	2.4					
%RSD	.2601	.2631					
#1	908.9	914.2					
#2	905.5	917.6					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1176	--	--	--	--	--	--
SDev	1.489827	--	--	--	--	--	--
%RSD	.1267309	--	--	--	--	--	--
#1	1177	--	--	--	--	--	--
#2	1175	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33494-A-1-C@5 Operator:
Run Time: 11/12/11 00:34:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-33.33	1.969	6.303	37.47	.1505	.3448	8627.
SDev	7.06	1.389	.091	.04	.0050	.0733	13.
%RSD	21.19	70.52	1.446	.1098	3.291	21.27	.1561
#1	-38.32	2.951	6.239	37.44	.1541	.2929	8617.
#2	-28.33	.9872	6.367	37.50	.1470	.3967	8636.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1361	1.036	2.457	243.0	1064.	175.4	2.478
SDev	.8762	.241	.110	2.6	7.	.1	.023
%RSD	643.8	23.25	4.476	1.072	.6566	.0298	.9470
#1	.7557	1.207	2.535	244.9	1059.	175.4	2.462
#2	-.4835	.8659	2.380	241.2	1069.	175.3	2.495

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	762.3	.3378	33.27	2.977	220300.	.6868	3.356
SDev	1.2	.1658	.06	.629	882.	.6879	.137
%RSD	.1590	49.07	.1933	21.12	.4002	100.2	4.067
#1	763.1	.2206	33.32	3.421	219700.	1.173	3.260
#2	761.4	.4550	33.23	2.532	220900.	.2004	3.453

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.93	58.43	-.2490	2.173	1.603	34.05	32.88
SDev	.26	.55	.0549	1.123	.197	1.81	.81
%RSD	1.230	.9388	22.05	51.68	12.32	5.306	2.455
#1	21.11	58.04	-.2878	2.967	1.743	35.32	32.31
#2	20.74	58.82	-.2101	1.379	1.464	32.77	33.45

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	6.048	1.435
SDev	1.211	.338
%RSD	20.03	23.55

#1	6.904	1.674
#2	5.191	1.196

Errors	NOCHECK	NOCHECK

High
Low

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1195	--	--	--	--	--	--
SDev	1.281976	--	--	--	--	--	--
%RSD	.1073147	--	--	--	--	--	--
#1	1196	--	--	--	--	--	--
#2	1194	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33494-A-2-C@5 Operator:
Run Time: 11/12/11 00:40:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-94.95	.9673	.3853	27.92	.0463	.1871	7179.
SDev	2.06	.3228	1.051	.41	.0280	.0387	107.
%RSD	2.172	33.37	272.7	1.471	60.43	20.68	1.486
#1	-96.40	1.196	1.128	27.63	.0660	.2145	7103.
#2	-93.49	.7391	-.3577	28.21	.0265	.1597	7254.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4544	-.3940	3.100	150.3	847.1	50.23	1.280
SDev	.0568	.1584	.003	1.1	18.0	.77	.010
%RSD	12.49	40.21	.0978	.7554	2.119	1.523	.7622
#1	-.4143	-.5060	3.102	151.1	834.4	49.69	1.287
#2	-.4945	-.2820	3.098	149.5	859.8	50.78	1.273

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	359.9	.4347	29.52	1.578	232400.	-.9084	6.339
SDev	16.6	.6085	.56	2.238	2149.	.3507	.083
%RSD	4.611	140.0	1.897	141.8	.9247	38.61	1.306
#1	348.2	.8650	29.13	3.161	230800.	-.6604	6.281
#2	371.6	.0044	29.92	-.0039	233900.	-1.156	6.398

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.04	64.68	-.8286	3.360	.6056	30.75	28.91
SDev	.28	1.19	.9058	.494	.0700	.31	.69
%RSD	1.392	1.846	109.3	14.72	11.56	1.009	2.375
#1	19.84	63.84	-1.469	3.010	.6552	30.53	28.42
#2	20.24	65.52	-.1881	3.710	.5561	30.97	29.39

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.645	1.037
SDev	4.729	.994
%RSD	178.8	95.85

#1	5.989	1.740
#2	-.6993	.3342

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1179	--	--	--	--	--	--
SDev	13.89397	--	--	--	--	--	--
%RSD	1.178637	--	--	--	--	--	--
#1	1189	--	--	--	--	--	--
#2	1169	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33494-A-3-C@5 Operator:
Run Time: 11/12/11 00:46:15
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-68.41	1.187	1.682	29.30	.0920	.2025	24060.
SDev	3.34	1.856	.084	.13	.0047	.2018	150.
%RSD	4.885	156.4	4.996	.4540	5.165	99.66	.6243

#1	-66.05	2.499	1.741	29.39	.0954	.3452	24160.
#2	-70.78	-.1257	1.622	29.20	.0887	.0598	23950.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6206	.7004	1.312	165.8	1217.	89.46	2.479
SDev	.2658	.2483	.065	.0	16.	.57	.298
%RSD	42.84	35.45	4.933	.0242	1.344	.6377	12.03

#1	-.4326	.8760	1.266	165.7	1229.	89.86	2.269
#2	-.8085	.5248	1.358	165.8	1206.	89.06	2.690

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	318.1	.2865	37.75	3.098	214900.	-.7347	12.44
SDev	8.8	.2407	.19	.469	1273.	1.3296	.11
%RSD	2.752	83.99	.5026	15.13	.5922	181.0	.8850

#1	324.3	.1163	37.88	2.767	215800.	-1.675	12.36
#2	311.9	.4567	37.61	3.430	214000.	.2055	12.52

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Analysis

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	14.06	35.35	-.7805	3.367	.8673	38.10	37.56
SDev	.05	.34	.5734	.772	.1453	.81	.12

%RSD	.3450	.9726	73.46	22.94	16.76	2.134	.3234
#1	14.09	35.59	-.3751	3.913	.7646	38.67	37.48
#2	14.02	35.10	-1.186	2.821	.9701	37.52	37.65
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	7.640	.8223					
SDev	2.899	2.150					
%RSD	37.94	261.5					
#1	9.689	-.6979					
#2	5.590	2.342					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1188	--	--	--	--	--	--
SDev	8.038420	--	--	--	--	--	--
%RSD	.6764923	--	--	--	--	--	--
#1	1183	--	--	--	--	--	--
#2	1194	--	--	--	--	--	--

Method:	SW846	Sample Name: CCV 1200071			Operator:		
Run Time:	11/12/11 00:52:23						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	113600.	940.1	4673.	9140.	933.3	2337.	116300.
SDev	27.	1.1	18.	17.	2.2	3.	262.
%RSD	.0235	.1168	.3935	.1910	.2350	.1074	.2252
#1	113600.	940.9	4686.	9152.	934.9	2338.	116500.
#2	113600.	939.3	4660.	9127.	931.8	2335.	116100.
Errors High	LC Pass 138000.	LC Pass 1104.	LC Pass 5520.	LC Pass 11040.	LC Pass 1104.	LC Pass 2760.	LC Pass 138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4648.	2321.	11340.	92510.	113600.	4640.	2326.
SDev	6.	6.	12.	278.	2.	5.	2.
%RSD	.1299	.2386	.1052	.3006	.0018	.1029	.0705
#1	4652.	2325.	11330.	92710.	113600.	4643.	2327.
#2	4643.	2317.	11350.	92320.	113600.	4636.	2325.
Errors High	LC Pass 5520.	LC Pass 2760.	LC Pass 13800.	LC Pass 110400.	LC Pass 138000.	LC Pass 5522.	LC Pass 2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	L44120.	1145.	9269.	4650.	112300.	4627.	2289.
SDev	88.	1.	1.	18.	80.	1.	1.
%RSD	.1987	.0728	.0087	.3773	.0713	.0296	.0564
#1	L44180.	1146.	9269.	4662.	112300.	4626.	2289.
#2	L44060.	1145.	9268.	4637.	112200.	4628.	2288.
Errors High	LC Low 55200.	LC Pass 1380.	LC Pass 11040.	LC Pass 5522.	LC Pass 138000.	LC Pass 5522.	LC Pass 2760.

Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2315.	926.3	2315.	929.8	9145.	9226.	9290.
SDev	1.	1.6	3.	2.7	9.	5.	4.
%RSD	.0617	.1776	.1366	.2889	.1018	.0541	.0397
#1	2314.	927.4	2317.	931.7	9152.	9222.	9293.
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Analysis

#2	2316.	925.1	2312.	927.9	9138.	9229.	9288.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4612.	4668.					
SDev	10.	22.					
%RSD	.2066	.4615					
#1	4619.	4684.					
#2	4606.	4653.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1186	--	--	--	--	--	--
SDev	4.053780	--	--	--	--	--	--
%RSD	.3418533	--	--	--	--	--	--
#1	1183	--	--	--	--	--	--
#2	1189	--	--	--	--	--	--

Method: SW846 Sample Name: CCB Operator:
Run Time: 11/12/11 00:58:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Analysis

Avge	L-203.2	-3.101	-1.511	-.8536	.0054	-.3126	-10.54
SDev	.9	.140	.447	.0000	.0214	.1580	3.28
%RSD	.4519	4.521	29.60	.0000	393.2	50.54	31.13
#1	L-203.9	-3.002	-1.828	-.8536	-.0097	-.2009	-12.86
#2	L-202.6	-3.200	-1.195	-.8536	.0205	-.4243	-8.217
Errors	LC Low	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6141	-.6054	-.6579	-15.26	-3.695	-.5523	.4120
SDev	.1283	.1611	.8383	1.72	2.856	.1994	.3407
%RSD	20.89	26.61	127.4	11.30	77.29	36.10	82.69
#1	-.5234	-.4915	-1.251	-16.48	-5.714	-.6933	.1711
#2	-.7049	-.7193	-.0651	-14.04	-1.676	-.4113	.6529
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-37.17	.2756	-.0572	.7701	-276.0	2.625	-.0429
SDev	3.52	.0271	.3533	1.191	113.7	1.692	.3251
%RSD	9.458	9.827	618.0	154.6	41.20	64.45	756.9
#1	-39.66	.2565	-.3070	1.612	-356.4	3.822	-.2728
#2	-34.69	.2948	.1926	-.0720	-195.6	1.429	.1869
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.4495	.7139	-.2842	-1.164	-.3643	.4394	-.3088
SDev	.0025	.1075	.3353	2.048	.1971	.3177	.6883
%RSD	.5575	15.06	118.0	175.9	54.09	72.32	222.9
#1	-.4513	.6379	-.0471	.2839	-.5037	.6641	-.7955
#2	-.4477	.7899	-.5213	-2.613	-.2250	.2147	.1779
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.9137	.6897					
SDev	3.478	.0491					
%RSD	380.6	7.114					
#1	3.373	.7244	Analysis Report				11/12/11 01:04:37
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#2	-1.546	.6550					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1206	--	--	--	--	--	--
SDev	.9701139	--	--	--	--	--	--
%RSD	.0804708	--	--	--	--	--	--
#1	1206	--	--	--	--	--	--
#2	1205	--	--	--	--	--	--

Method:	SW846	Sample Name:	460-33468-A-1-D@5	Operator:			
Run Time:	11/12/11 01:04:40						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.53	101.1	482.6	191.3	-.0082	-.1176	8431.
SDev	8.13	1.6	8.1	4.7	.0204	.1245	214.
%RSD	41.65	1.602	1.681	2.446	248.8	105.9	2.542
#1	25.28	102.2	488.4	194.6	-.0226	-.0295	8583.
#2	13.78	99.96	476.9	188.0	.0062	-.2057	8280.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.214	5.997	6.066	1303.	2749.	H17400.	28.02
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SDev	.159	1.011	.236	35.	59.	412.	.89
%RSD	3.763	16.86	3.883	2.677	2.137	2.366	3.181
#1	4.102	6.712	5.899	1328.	2791.	H17690.	28.65
#2	4.326	5.282	6.232	1279.	2707.	H17110.	27.39
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4536.	1.305	6.567	.3458	221600.	-2.018	.8469
SDev	115.	.233	.617	.8840	4271.	1.860	.0456
%RSD	2.543	17.86	9.396	255.6	1.928	92.16	5.386
#1	4618.	1.140	7.004	.9709	224600.	-3.333	.8147
#2	4454.	1.469	6.131	-.2792	218600.	-.7030	.8792
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27.26	74.21	-.4065	.7229	2.560	7.827	5.935
SDev	1.74	1.56	.2757	.1631	.022	2.811	.478
%RSD	6.371	2.099	67.83	22.57	.8425	35.92	8.061
#1	28.49	75.31	-.2115	.8383	2.575	9.814	5.596
#2	26.03	73.11	-.6014	.6076	2.545	5.839	6.273
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.147	1.581					
SDev	1.549	.552					
%RSD	72.17	34.89					
#1	-1.051	1.971					
#2	-3.242	1.191					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1183	--	--	--	--	--	--
SDev	22.65996	--	--	--	--	--	--
%RSD	1.915692	--	--	--	--	--	--

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#1	1167	--	--	--	--	--	--
#2	1199	--	--	--	--	--	--

Method: SW846 Sample Name: LB 460-92588/1-B05 Operator:
Run Time: 11/12/11 01:10:48
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-174.6	-1.257	-1.934	-.8536	-.1348	-.3397	-9.918
SDev	3.9	.460	2.379	.0000	.0170	.1234	.413
%RSD	2.225	36.60	123.0	.0000	12.62	36.32	4.167

#1	-177.3	-.9319	-3.616	-.8536	-.1227	-.4270	-10.21
#2	-171.8	-1.583	-.2514	-.8536	-.1468	-.2525	-9.626
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.132	-.9374	-1.128	-11.58	-8.568	-.5066	2.106
SDev	.373	.0819	.234	9.08	.388	.0010	.624
%RSD	32.96	8.741	20.78	78.38	4.533	.1943	29.61
#1	-1.395	-.9953	-.9619	-5.162	-8.294	-.5073	1.665
#2	-.8679	-.8794	-1.293	-18.00	-8.843	-.5059	2.546
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-15.19	-.7883	-.6763	2.233	H261900.	-1.097	-.5302
Report				11/12/11 01:16:52 AM		page 39	Analysis
SDev	3.23	.3585	.3447	.448	661.	3.521	.4755
%RSD	21.29	45.48	50.96	20.07	.2523	321.1	89.68
#1	-17.47	-.5348	-.9200	1.916	H261500.	1.393	-.1940
#2	-12.90	-1.042	-.4326	2.550	H262400.	-3.587	-.8664
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.6026	6.570	-1.409	3.325	-.8489	-.9913	-.5230
SDev	.5053	.039	1.097	1.584	.2364	4.3254	1.6427
%RSD	83.86	.5962	77.82	47.65	27.85	436.3	314.1
#1	.9599	6.598	-2.185	2.205	-.6817	-4.050	.6386
#2	.2453	6.543	-.6338	4.445	-1.016	2.067	-1.685
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.696	1.993					
SDev	6.992	2.818					
%RSD	259.3	141.4					
#1	-2.248	3.986					
#2	7.640	-.0000					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1146	--	--	--	--	--	--
SDev	3.152978	--	--	--	--	--	--
%RSD	.2751202	--	--	--	--	--	--
#1	1148	--	--	--	--	--	--
#2	1144	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/12/11 01:16:55

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	122900.	1011.	5015.	9919.	1008.	2490.	125300.	
SDev	3600.	30.	136.	289.	31.	70.	3988.	
%RSD	2.929	2.967	2.720	2.916	3.119	2.827	3.184	
#1	125500.	1032.	5111.	10120.	1031.	2540.	128100.	
#2	120400.	989.9	4919.	9715.	986.1	2441.	122400.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.	
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	5011.	2500.	12220.	99960.	122500.	4981.	2490.	
SDev	163.	77.	368.	3220.	3797.	157.	71.	
%RSD	3.245	3.078	3.011	3.221	3.100	3.148	2.836	
#1	5126.	2554.	12480.	102200.	125200.	5092.	2540.	
#2	4896.	2445.	11960.	97690.	119800.	4870.	2440.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.	
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	47590.	1233.	9890.	4975.	120400.	4946.	2466.	
SDev	1706.	37.	293.	143.	3109.	146.	77.	
%RSD	3.585	2.967	2.964	2.877	2.582	2.948	3.106	
#1	48800.	1258.	10100.	5076.	122600.	5049.	2520.	
#2	46380.	1207.	9683.	4874.	118200.	4843.	2412.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.	
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report								
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Avge	2468.	988.1	2483.	1001.	9880.	9852.	9909.	
SDev	70.	25.3	67.	34.	308.	310.	285.	
%RSD	2.831	2.556	2.705	3.439	3.121	3.142	2.876	
#1	2518.	1006.	2530.	1025.	10100.	10070.	10110.	
#2	2419.	970.3	2435.	976.4	9662.	9634.	9707.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	2760.	1104.	2760.	1104.	11040.			
Low	2239.	896.0	2239.	896.0	8960.			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	4933.	4996.						
SDev	152.	139.						
%RSD	3.078	2.778						
#1	5040.	5095.						
#2	4825.	4898.						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1111	--	--	--	--	--	--	

SDev	30.80230	--	--	--	--	--	--
%RSD	2.771259	--	--	--	--	--	--
#1	1090	--	--	--	--	--	--
#2	1133	--	--	--	--	--	--

□□

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Method: SW846 Sample Name: CCB
Run Time: 11/12/11 01:23:02
Comment:
Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-121.0	-.7216	.0673	-.8536	-.0080	-.2439	-10.23
SDev	10.6	1.9558	.5205	.0000	.0365	.0899	.72
%RSD	8.788	271.1	773.8	.0000	455.3	36.86	7.029
#1	-113.5	.6614	-.3008	-.8536	-.0338	-.3075	-9.718
#2	-128.5	-2.105	.4353	-.8536	.0178	-.1803	-10.73
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1831	-.0883	-1.044	-15.02	2.525	-.6767	.3797
SDev	.0300	.2301	.057	3.54	10.87	.0429	.0365
%RSD	16.41	260.5	5.488	23.54	430.4	6.336	9.609
#1	-.2043	-.2511	-1.003	-17.52	-5.160	-.6463	.4055
#2	-.1618	.0744	-1.084	-12.52	10.21	-.7070	.3539
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-83.47	.5188	-.4984	3.316	-229.5	.0410	.2454
SDev	13.41	.9504	1.1212	.463	70.7	.1376	.2297
%RSD	16.07	183.2	225.0	13.98	30.82	335.8	93.59
#1	-73.99	-.1533	.2945	3.644	-279.5	.1383	.0830
#2	-92.96	1.191	-1.291	2.989	-179.5	-.0563	.4078
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1307	1.017	-.9074	.6138	-.4987	1.857	-1.677
SDev	.0338	.034	.5823	.6211	.0178	1.808	.780
%RSD	25.86	3.334	64.16	101.2	3.560	97.36	46.53
#1	-.1068	.9926	-.4957	1.053	-.5112	3.135	-1.125
#2	-.1545	1.041	-1.319	.1746	-.4861	.5785	-2.228
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem 1960/1
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Units	ppb	ppb
Avge	6.726	1.606
SDev	1.088	1.238
%RSD	16.18	77.10
#1	5.957	2.481
#2	7.496	.7303

Errors High Low	NOCHECK	NOCHECK					
IntStd Mode Elem Wavlen Avge SDev %RSD	1 Counts Y 371.030 1284 36.62316 2.851899	2 NOTUSED -- -- -- -- --	3 NOTUSED -- -- -- -- --	4 NOTUSED -- -- -- -- --	5 NOTUSED -- -- -- -- --	6 NOTUSED -- -- -- -- --	7 NOTUSED -- -- -- -- --
#1 #2	1258 1310	-- --	-- --	-- --	-- --	-- --	-- --
Method: SW846 Sample Name: MB 460-92663/1-A Operator: Run Time: 11/12/11 01:34:26 Comment: Mode: CONC Corr. Factor: 1							
Elem Units Avge SDev %RSD	Al3082 ppb -194.9 .5 .2756	Sb2068 ppb -1.7010 1.4151 201.9	As1890 ppb .1986 1.837 924.8	Ba4934 ppb -.9964 .0673 6.759	Be3130 ppb -.0886 .0448 50.62	Cd2265 ppb -.2984 .1590 53.27	Ca3179 ppb -11.87 .61 5.155
#1 #2	-194.5 -195.2	-1.702 .2997	1.497 -1.100	-1.044 -.9488	-.1203 -.0569	-.4108 -.1860	-12.31 -11.44
Errors High Low	LC Pass 200.0 -200.0	LC Pass 10.00 -10.00	LC Pass 5.000 -5.000	LC Pass 200.0 -200.0	LC Pass 2.000 -2.000	LC Pass 4.000 -4.000	LC Pass 1000. -1000.
Elem Units Avge SDev %RSD	Cr2677 ppb -.6158 .0309 5.022	Co2286 ppb -.1433 .1543 107.7	Cu3247 ppb -1.055 .114 10.78	Fe2714 ppb -14.47 5.54 38.25	Mg3832 ppb 1.950 2.058 105.5	Mn2576 ppb -.6183 .0383 6.193	Ni2316 ppb .3816 .1978 51.85
#1 #2	-.6377 -.5939	-.0342 -.2524	-1.136 -.9747	-18.39 -10.56	.4956 3.405	-.6454 -.5912	.2417 .5215
Errors High Low	LC Pass 10.00 -10.00	LC Pass 50.00 -50.00	LC Pass 25.00 -25.00	LC Pass 150.0 -150.0	LC Pass 1000. -1000.	LC Pass 15.00 -15.00	LC Pass 40.00 -40.00
Elem Units Avge SDev %RSD	K_7664 ppb -79.65 6.02 7.564	Ag3280 ppb -.0835 .0349 41.81	Pb2203 ppb -.3437 .3483 101.3	Se1960 ppb -1.346 .017 1.275	Na3302 ppb -236.8 103.5 43.69	Tl1908 ppb 1.116 .141 12.62	V_2924 ppb .2161 .0624 28.89
#1 #2	-83.91 -75.39	-.1082 -.0588	-.0974 -.5900	-1.359 -1.334	-310.0 -163.7	1.017 1.216	.1720 .2603
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Errors High Low	LC Pass 1000. -1000.	LC Pass 10.00 -10.00	LC Pass 5.000 -5.000	LC Pass 5.000 -5.000	LC Pass 1000. -1000.	LC Pass 10.00 -10.00	LC Pass 50.00 -50.00
Elem Units Avge SDev %RSD	Zn2062 ppb .3884 .2699 69.49	B_2496 ppb .6672 .0510 7.644	Mo2020 ppb -.7894 .0407 5.158	Sn1899 ppb .2185 1.471 673.3	Ti3349 ppb -.6655 .0714 10.73	2203/1 ppb .3283 .3576 108.9	2203/2 ppb -.6816 .6990 102.6
#1 #2	.1976 .5793	.7033 .6311	-.7606 -.8182	-.8217 1.259	-.7160 -.6150	.0754 .5811	-.1873 -1.176
Errors High Low	LC Pass 30.00 -30.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	LC Pass 50.00 -50.00	LC Pass 20.00 -20.00	NOCHECK	NOCHECK
Elem	1960/1	1960/2					

Units	ppb	ppb
Avge	.0377	-2.046
SDev	.3827	.165
%RSD	1016.	8.081

#1	-.2330	-1.929
#2	.3083	-2.163

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1252	--	--	--	--	--	--
SDev	.1732377	--	--	--	--	--	--
%RSD	.0138355	--	--	--	--	--	--
#1	1252	--	--	--	--	--	--
#2	1252	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-92663/2-A Operator:
Run Time: 11/12/11 01:40:33
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1742.	493.3	1992.	1993.	49.58	51.04	20480.
SDev	2.	1.8	10.	.	.13	.23	79.
%RSD	.1224	.3671	.5066	.0080	.2533	.4515	.3855

#1	1743.	494.5	2000.	1993.	49.67	51.20	20540.
#2	1740.	492.0	1985.	1992.	49.49	50.88	20420.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2400.	600.0	2400.	2400.	60.00	60.00	24000.
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	202.7	493.9	238.5	1013.	18600.	513.1	500.3
SDev	1.4	.5	.3	8.	65.	2.0	4.3
%RSD	.6694	.0963	.1346	.7831	.3514	.3953	.8691

#1	203.6	494.3	238.7	1019.	18650.	514.5	503.4
#2	201.7	493.6	238.3	1008.	18560.	511.7	497.2

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19040.	49.55	498.4	1918.	18430.	1965.	493.3
SDev	116.	.22	2.4	6.	22.	10.	1.2
%RSD	.6101	.4443	.4895	.3230	.1185	.5230	.2399

#1	19120.	49.71	500.1	1922.	18450.	1972.	494.2
#2	18950.	49.39	496.7	1914.	18420.	1958.	492.5

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	505.7	480.6	494.1	497.2	503.0	495.6	499.8
SDev	4.4	3.2	2.4	1.4	1.3	4.8	1.3
%RSD	.8722	.6753	.4882	.2912	.2648	.9667	.2532

#1	508.8	482.9	495.8	498.3	503.9	498.9	500.7	Analysis
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#2	502.6	478.3	492.4	496.2	502.1	492.2	498.9
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	600.0	600.0	600.0	600.0	600.0		
Low	400.0	400.0	400.0	400.0	400.0		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1899.	1928.					
SDev	8.	5.					
%RSD	.4476	.2617					
#1	1905.	1931.					
#2	1893.	1924.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1142	--	--	--	--	--	--
SDev	2.078852	--	--	--	--	--	--
%RSD	.1820058	--	--	--	--	--	--
#1	1141	--	--	--	--	--	--
#2	1144	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33518-H-3-B DU Operator:
Run Time: 11/12/11 01:46:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	Analysis
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Report				11/12/11 01:52:44 AM		page 8		
Avge	1256.	-1.777	5.577	18.98	-.2809	-.5716	106000.	
SDev	3.	.090	.167	.18	.0072	.0040	157.	
%RSD	.2628	5.042	2.993	.9642	2.546	.6917	.1486	
#1	1258.	-1.714	5.459	18.85	-.2758	-.5688	105900.	
#2	1254.	-1.841	5.695	19.11	-.2859	-.5744	106100.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.6012	-.1093	.1623	2513.	18970.	554.6	1.897	
SDev	.0014	.0862	.3949	5.	25.	.3	.146	
%RSD	.2248	78.86	243.3	.2159	.1341	.0513	7.718	
#1	-.6021	-.0484	-.1169	2509.	18990.	554.4	1.794	
#2	-.6002	-.1703	.4416	2517.	18960.	554.8	2.001	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	7370.	.0876	.9956	.8177	12260.	.3375	.8597	
SDev	56.	.3576	.8318	2.541	91.	2.752	.2106	
%RSD	.7556	408.1	83.54	310.7	.7425	815.5	24.50	
#1	7331.	-.1652	1.584	-.9788	12200.	2.284	.7108	
#2	7409.	.3405	.4075	2.614	12330.	-1.609	1.009	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	

High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	8.890	244.7	-.2523	-.1704	-1.074	.3951	1.291			
SDev	.808	.2	.2680	1.6424	.002	2.339	2.415			
%RSD	9.086	.0958	106.2	964.0	.1858	592.0	187.0			
#1	9.461	244.5	-.0628	.9910	-1.072	-1.259	2.999			
#2	8.319	244.9	-.4418	-1.332	-1.075	2.049	-.4161			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avge	1.446	.4948								
SDev	1.037	3.291								
%RSD	71.71	665.2								
#1	.7127	-1.833	Analysis Report				11/12/11 01:52:44			
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#2	2.179	2.822								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1124	--	--	--	--	--	--			
SDev	1.871002	--	--	--	--	--	--			
%RSD	.1664867	--	--	--	--	--	--			
#1	1125	--	--	--	--	--	--			
#2	1122	--	--	--	--	--	--			

Method:	SW846	Sample Name: 460-33518-H-3-A			Operator:					
Run Time:	11/12/11 01:55:50									
Comment:										
Mode:	CONC	Corr. Factor: 1								
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	1192.	-1.579	3.985	18.20	-.1695	-.5182	102800.			
SDev	3.	.610	2.289	.00	.0116	.0727	151.			
%RSD	.2334	38.64	57.45	.0000	6.861	14.04	.1470			
#1	1193.	-2.011	2.366	18.20	-.1613	-.5696	102900.			
#2	1190.	-1.148	5.604	18.20	-.1777	-.4667	102700.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	-.9184	-.2234	-.1849	2431.	18290.	536.7	1.531			
SDev	.0993	.0840	.1246	1.	4.	.5	.048			
%RSD	10.82	37.60	67.42	.0249	.0218	.0932	3.118			
#1	-.8481	-.2828	-.2730	2431.	18290.	537.1	1.497			
#2	-.9886	-.1640	-.0967	2431.	18290.	536.4	1.564			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			

Avge	7013.	-.1194	.3403	-.0758	11740.	1.206	.8920
SDev	15.	.0364	.7140	1.6571	12.	.706	.1378
%RSD	.2144	30.53	209.8	2187.	.1033	58.53	15.45
#1	7002.	-.1451	.8452	1.096	11730.	1.705	.9894
#2	7023.	-.0936	-.1646	-1.248	11750.	.7070	.7945

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.019	237.5	1.032	1.106	-1.064	-.4046	.7083
SDev	.000	1.5	.132	1.925	.077	.4212	.8602
%RSD	.0005	.6130	12.81	174.1	7.286	104.1	121.4

#1	8.019	238.5	1.125	-.2555	-1.009	-.1068	1.317
#2	8.019	236.5	.9382	2.467	-1.119	-.7025	.1001

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-3.385	1.567
SDev	5.700	.361
%RSD	168.4	23.05

#1	.6455	1.312
#2	-7.415	1.823

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1151	--	--	--	--	--	--
SDev	.0000000	--	--	--	--	--	--
%RSD	.0000000	--	--	--	--	--	--
#1	1151	--	--	--	--	--	--
#2	1151	--	--	--	--	--	--

Method: SW846 Sample Name: SD 460-33518-H-3-A@5 Operator:
Run Time: 11/12/11 02:01:57
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	138.2	-1.467	-.1165	2.570	-.2301	-.4904	22110.
SDev	.7	.691	1.4387	.001	.0124	.1184	60.
%RSD	.5270	47.10	1235.	.0373	5.384	24.14	.2728

#1	137.7	-1.955	-1.134	2.570	-.2389	-.5741	22070.
#2	138.7	-.9783	.9008	2.569	-.2214	-.4067	22150.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7600	-.4764	-.3238	510.1	3784.	113.0	.2733
SDev	.3843	.6062	.6457	1.8	4.	.3	.1240
%RSD	50.57	127.2	199.4	.3479	.0941	.2387	45.36

#1	-.4883	-.0478	.1327	508.8	3782.	112.8	.1857
#2	-1.032	-.9051	-.7804	511.3	3787.	113.2	.3610
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1289.	.0057	-.6548	.5138	2262.	-.9599	.1960
SDev	1.	.0780	1.1000	1.805	70.	2.8112	.1443
%RSD	.0759	1362.	168.0	351.3	3.083	292.9	73.62
#1	1289.	-.0494	-1.433	-.7626	2312.	1.028	.2980
#2	1290.	.0609	.1230	1.790	2213.	-2.948	.0939
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.476	49.40	-.6126	-.6095	-.9141	.1646	-1.068
SDev	.074	.74	.3986	.8117	.0263	.4074	1.853
%RSD	5.036	1.498	65.08	133.2	2.874	247.5	173.5
#1	1.423	48.88	-.3307	-.0356	-.8955	.4527	-2.378
Report			11/12/11 02:08:01 AM			page 6	Analysis
#2	1.528	49.92	-.8944	-1.183	-.9327	-.1234	.2421
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.9238	1.222					
SDev	.8101	2.302					
%RSD	87.68	188.3					
#1	-1.497	-.4055					
#2	-.3511	2.850					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1114	--	--	--	--	--	--
SDev	.3118624	--	--	--	--	--	--
%RSD	.0279852	--	--	--	--	--	--
#1	1114	--	--	--	--	--	--
#2	1115	--	--	--	--	--	--

Method: SW846		Sample Name: 460-33518-H-3-C MS			Operator:		
Run Time: 11/12/11 02:08:05							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report			11/12/11 02:14:09 AM			page 8	Analysis
Avge	3447.	529.2	2132.	2186.	52.77	52.96	134000.
SDev	7.	2.1	10.	2.	.25	.07	580.
%RSD	.2083	.3878	.4698	.0928	.4696	.1386	.4325
#1	3442.	530.7	2139.	2185.	52.95	53.02	134400.
#2	3452.	527.8	2125.	2188.	52.60	52.91	133600.

Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	250000.	2000.	10000.	20000.	2000.	5000.	250000.
	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	214.8	525.4	263.3	3773.	40590.	1136.	528.2
%RSD	1.2	1.9	.4	21.	75.	4.	2.2
	.5683	.3661	.1637	.5544	.1836	.3301	.4204
#1	215.6	526.7	263.6	3787.	40540.	1138.	529.8
#2	213.9	524.0	263.0	3758.	40640.	1133.	526.6
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	10000.	5000.	25000.	200000.	250000.	10000.	5000.
	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	28740.	53.60	525.6	2049.	33220.	2068.	526.3
%RSD	26.	.11	.6	9.	57.	3.	1.5
	.0898	.1999	.1160	.4379	.1729	.1686	.2792
#1	28760.	53.53	526.1	2056.	33260.	2066.	527.4
#2	28720.	53.68	525.2	2043.	33180.	2071.	525.3
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
Low	100000.	2500.	20000.	10000.	250000.	10000.	5000.
	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Avge	ppb	ppb	ppb	ppb	ppb	ppb	ppb
SDev	533.2	776.1	525.2	533.4	539.3	521.6	527.7
%RSD	1.8	2.6	.0	6.4	1.4	2.2	.2
	.3463	.3325	.0004	1.205	.2513	.4153	.0317
#1	534.5	774.3	525.2	538.0	540.3	523.2	527.5
#2	531.9	777.9	525.2	528.9	538.4	520.1	527.8
Errors High	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
Low	5000.	2000.	5000.	2000.	20000.		
	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1	1960/2					
Avge	ppb	ppb					
SDev	2028.	2060.					
%RSD	12.	7.					
	.6145	.3510					
#1	2037.	2065.	Analysis Report				11/12/11 02:14:09
AM	page 9						
#2	2019.	2055.					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1057	--	--	--	--	--	--
SDev	2.217477	--	--	--	--	--	--
%RSD	.2096967	--	--	--	--	--	--
#1	1056	--	--	--	--	--	--
#2	1059	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-33518-H-3-A Operator:
Run Time: 11/12/11 02:14:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	3191.	492.0	1999.	2051.	49.25	49.76	122300.	
SDev	12.	1.5	14.	1.	.09	.31	438.	
%RSD	.3671	.3099	.6811	.0532	.1914	.6157	.3583	
#1	3183.	490.9	1990.	2050.	49.19	49.54	122000.	
#2	3200.	493.1	2009.	2052.	49.32	49.98	122600.	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	199.8	491.3	246.5	3444.	37590.	1047.	497.8	
Report				11/12/11 02:20:17 AM		page 11		Analysis
SDev	1.5	.8	.3	17.	92.	3.	.9	
%RSD	.7515	.1605	.1174	.4995	.2452	.3271	.1808	
#1	198.7	490.7	246.3	3432.	37530.	1044.	497.1	
#2	200.9	491.9	246.7	3457.	37660.	1049.	498.4	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	26990.	56.51	495.2	1933.	30940.	1961.	492.8	
SDev	130.	.12	1.2	.	26.	13.	1.4	
%RSD	.4812	.2210	.2449	.0042	.0849	.6395	.2822	
#1	26900.	56.42	494.4	1933.	30960.	1953.	491.8	
#2	27080.	56.59	496.1	1933.	30920.	1970.	493.8	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	498.7	725.0	494.0	497.5	504.7	491.4	497.1	
SDev	1.3	4.0	3.2	4.0	1.4	2.8	.4	
%RSD	.2676	.5509	.6440	.8070	.2760	.5606	.0895	
#1	497.7	722.1	491.8	494.7	503.7	489.5	496.8	
#2	499.6	727.8	496.3	500.3	505.7	493.4	497.4	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	1905.	1946.						
SDev	2.	1.						
%RSD	.1240	.0669						
#1	1904.	1947.						
#2	1907.	1946.						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1122	--	--	--	--	--	--	
SDev	2.979827	--	--	--	--	--	--	
%RSD	.2655580	--	--	--	--	--	--	Analysis

#1	1124	--	--	--	--	--	--
#2	1120	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32949-A-3-C Operator:

Run Time: 11/12/11 02:20:20

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2216.	-.4753	39.34	56.87	-.1232	-.7361	32420.
SDev	14.	.5195	.18	.32	.0172	.1578	179.
%RSD	.6161	109.3	.4559	.5654	13.99	21.44	.5525
#1	2226.	-.8426	39.47	57.10	-.1353	-.8476	32550.
#2	2207.	-.1080	39.22	56.64	-.1110	-.6245	32290.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7.613	1.999	1.769	24220.	8731.	609.5	1.876
SDev	.588	.537	.105	150.	13.	1.7	.572
%RSD	7.726	26.87	5.911	.6206	.1445	.2855	30.51
#1	8.029	2.379	1.695	24330.	8740.	610.7	2.280
#2	7.197	1.620	1.843	24120.	8722.	608.3	1.471
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5214.	.3621	22.19	1.672	9427.	-2.397	9.265
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□□Analysis

SDev	32.	.1421	1.68	.369	19.	.762	.049
%RSD	.6190	39.24	7.563	22.08	.1980	31.77	.5313
#1	5236.	.2616	23.37	1.933	9414.	-2.936	9.230
#2	5191.	.4626	21.00	1.411	9441.	-1.859	9.300
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.371	134.4	.5173	1.342	83.65	24.30	21.13
SDev	.041	.0	.6947	.451	2.91	3.95	.54
%RSD	.4955	.0286	134.3	33.59	3.482	16.25	2.579
#1	8.341	134.4	.0261	1.023	81.59	27.09	21.51
#2	8.400	134.4	1.009	1.661	85.71	21.51	20.74
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.101	-.0495					
SDev	3.652	1.2698					
%RSD	71.59	2563.					
#1	7.684	-.9475					
#2	2.519	.8484					

Errors NOCHECK NOCHECK
High
Low

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1103	--	--	--	--	--	--
SDev	3.222291	--	--	--	--	--	--
%RSD	.2921609	--	--	--	--	--	--
#1	1101	--	--	--	--	--	--
#2	1105	--	--	--	--	--	--

Method: SW846 Sample Name: 460-32949-A-17-E Operator:
Run Time: 11/12/11 02:26:28
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-164.3	-2.913	2.903	7.585	-.2509	-.4833	61370.
SDev	2.0	.738	.164	.022	.0039	.0985	222.
%RSD	1.204	25.33	5.661	.2870	1.538	20.38	.3624
#1	-165.7	-2.391	3.020	7.570	-.2536	-.4136	61210.
#2	-162.9	-3.435	2.787	7.601	-.2481	-.5529	61520.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.275	.3253	.1195	1621.	18620.	94.03	.3532
SDev	.106	.1781	.8098	1.	89.	.38	.2067
%RSD	8.339	54.75	677.5	.0561	.4806	.4005	58.53
#1	-1.350	.1994	-.4531	1622.	18560.	93.76	.4993
#2	-1.199	.4512	.6921	1621.	18680.	94.30	.2070

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2402.	.2322	.1311	.5464	5308.	-2.062	.4300
SDev	13.	.0142	.0853	1.116	130.	2.590	.2218
%RSD	.5373	6.113	65.09	204.2	2.446	125.6	51.58
#1	2393.	.2221	.0708	-.2427	5216.	-3.894	.2732
#2	2411.	.2422	.1915	1.335	5400.	-.2309	.5869

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report							

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Avge	.8855	197.6	1.305	.7194	-.8620	.7521	-.1830
SDev	.4786	1.3	.393	2.528	.0248	.7479	.2454
%RSD	54.06	.6469	30.11	351.4	2.875	99.44	134.1
#1	.5470	196.7	1.027	2.507	-.8795	.2233	-.0095
#2	1.224	198.5	1.583	-1.068	-.8444	1.281	-.3566

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-.5827	1.100
SDev	2.1479	.601
%RSD	368.6	54.58

#1	-2.101	.6757
#2	.9361	1.525

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1088	--	--	--	--	--	--
SDev	2.806503	--	--	--	--	--	--
%RSD	.2580039	--	--	--	--	--	--
#1	1090	--	--	--	--	--	--
#2	1086	--	--	--	--	--	--

□□

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Method: SW846 Sample Name: 460-32949-A-18-C Operator:
Run Time: 11/12/11 02:32:35
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5208.	-1.397	46.44	68.22	-.1012	-.7902	34090.
SDev	383.	.304	.29	5.65	.0531	.1352	2452.
%RSD	7.353	21.78	.6181	8.275	52.52	17.12	7.193

#1	4937.	-1.612	46.64	64.23	-.0636	-.6946	32350.
#2	5479.	-1.182	46.24	72.21	-.1387	-.8858	35820.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	20.99	3.014	5.466	29870.	9382.	645.2	4.522
SDev	1.62	.258	.839	2180.	645.	46.0	.163
%RSD	7.700	8.564	15.34	7.298	6.871	7.126	3.596

#1	19.85	2.831	4.873	28330.	8926.	612.7	4.407
#2	22.14	3.196	6.058	31410.	9838.	677.7	4.637

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5879.	-.3647	27.26	1.201	9725.	.4003	21.11
SDev	419.	1.0440	2.36	1.293	701.	.3369	1.12
%RSD	7.133	286.3	8.644	107.6	7.209	84.16	5.316

#1	5582.	.3735	25.59	.2870	9229.	.6385	20.32
#2	6175.	-1.103	28.93	2.115	10220.	.1621	21.91

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	19.51	141.1	.4978	1.608	150.9	30.83	25.48
SDev	1.55	10.1	1.400	1.213	7.8	3.96	1.56
%RSD	7.935	7.185	281.3	75.44	5.145	12.86	6.105

#1	18.42	133.9	-.4923	.7501	145.4	28.03	24.38

#2	20.61	148.2	1.488	2.466	156.4	33.63	26.58
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem 1960/1 1960/2 ☐Analysis Report 11/12/11 02:38:40
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Units	ppb	ppb
Avge	1.414	1.085
SDev	1.209	1.334
%RSD	85.46	123.0

#1	.5597	.1414
#2	2.269	2.028

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1071	--	--	--	--	--	--
SDev	60.66911	--	--	--	--	--	--
%RSD	5.665401	--	--	--	--	--	--

#1	1114	--	--	--	--	--	--
#2	1028	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/12/11 02:38:43
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	130900.	1079.	5357.	10610.	1076.	2652.	133600.
SDev	218.	5.	2.	11.	.	2.	83.
%RSD	.1665	.4248	.0371	.0999	.0419	.0861	.0622
#1	131000.	1082.	5355.	10620.	1076.	2653.	133500.
#2	130700.	1076.	5358.	10600.	1076.	2650.	133600.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5332.	2664.	13030.	106600.	130600.	5298.	2650.
SDev	1.	1.	21.	91.	148.	1.	.
%RSD	.0245	.0415	.1636	.0854	.1129	.0197	.0049

#1	5331.	2664.	13040.	106600.	130800.	5298.	2650.
#2	5333.	2665.	13010.	106700.	130500.	5299.	2650.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50890.	1314.	10520.	5303.	127500.	5262.	2624.
SDev	83.	1.	2.	5.	256.	7.	.
%RSD	.1638	.0977	.0206	.0906	.2009	.1388	.0138

#1	50940.	1314.	10520.	5299.	127700.	5256.	2624.
#2	50830.	1313.	10520.	5306.	127300.	5267.	2624.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass

High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2615.	1054.	2643.	1069.	10530.	10450.	10560.
SDev	2.	2.	3.	1.	2.	1.	3.
%RSD	.0955	.1982	.1172	.0584	.0172	.0049	.0283
#1	2614.	1052.	2640.	1068.	10540.	10450.	10560.
#2	2617.	1055.	2645.	1069.	10530.	10450.	10550.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5252.	5328.					
SDev	6.	4.					
%RSD	.1083	.0818					
#1	5248.	5325.					
#2	5256.	5331.					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1052	--	--	--	--	--	--
SDev	1.940314	--	--	--	--	--	--
%RSD	.1844438	--	--	--	--	--	--
#1	1051	--	--	--	--	--	--
#2	1053	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
Run Time: 11/12/11 02:44:50
Comment:
Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-79.67	-1.688	.5744	-.8536	-.2747	-.2901	-13.76
SDev	7.59	.879	2.177	.0000	.0142	.1535	.94
%RSD	9.532	52.04	379.1	.0000	5.186	52.91	6.832
#1	-85.03	-2.310	2.114	-.8536	-.2646	-.1816	-14.42
#2	-74.30	-1.067	-.9652	-.8536	-.2848	-.3986	-13.09
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6230	-.9257	-.4646	-21.83	4.584	-.6136	.4134
SDev	.6758	1.0618	.2639	3.07	2.359	.0001	.2769
%RSD	108.5	114.7	56.80	14.08	51.48	.0126	66.99
#1	-1.101	-1.676	-.2780	-24.00	2.915	-.6135	.2176
#2	-.1452	-.1749	-.6512	-19.66	6.252	-.6136	.6093

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	36.64	-.3599	-.4622	1.574	-210.9	.8274	-.0252
SDev	7.27	.0012	.1281	1.221	82.1	.1028	.0666
%RSD	19.83	.3458	27.72	77.54	38.95	12.42	264.8
#1	31.50	-.3607	-.3716	.7111	-268.9	.7547	-.0722
#2	41.78	-.3590	-.5528	2.437	-152.8	.9001	.0219
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.1181	.5302	.1839	.3443	-.7237	3.126	-2.258
SDev	.0003	.4173	.9062	1.573	.2181	1.127	.371
%RSD	.2426	78.71	492.8	456.9	30.13	36.05	16.41
#1	-.1179	.8252	.8247	-.7682	-.5695	3.923	-2.520
#2	-.1183	.2351	-.4569	1.457	-.8779	2.329	-1.996
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.4590	2.121					
SDev	4.812	.572					
%RSD	1048.	26.97					
#1	-2.943	2.526					
#2	3.861	1.717					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1092	--	--	--	--	--	--
SDev	.1732377	--	--	--	--	--	--
%RSD	.0158687	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1092	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33541-F-2-A Operator:
Run Time: 11/12/11 02:50:58
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-169.8	-.8692	1.092	137.4	-.2310	-.5834	66800.
SDev	3.0	1.5338	.310	.6	.0193	.1684	41.
%RSD	1.791	176.5	28.38	.4298	8.334	28.87	.0620
#1	-171.9	.2153	1.311	136.9	-.2174	-.4643	66830.
#2	-167.6	-1.954	.8727	137.8	-.2446	-.7025	66770.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.671	-1.258	-.0843	8211.	9517.	4196.	1.142
SDev	.001	.086	.2492	4.	14.	.	.200
%RSD	.0795	6.838	295.6	.0490	.1513	.0082	17.48
#1	-1.671	-1.319	.0919	8208.	9507.	4196.	1.001

#2	-1.670	-1.197	-.2605	8214.	9527.	4197.	1.284
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7717.	.2769	1.397	.9387	H268100.	.6453	.3091
SDev	11.	.1346	.555	1.101	136.	4.270	.0023
%RSD	.1442	48.61	39.72	117.3	.0508	661.8	.7529
#1	7710.	.1817	1.790	1.717	H268200.	3.665	.3108
#2	7725.	.3721	1.005	.1602	H268000.	-2.374	.3075
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.015	161.6	-.1234	-1.279	-.8404	1.737	1.224
SDev	.064	1.7	.6242	.149	.1111	1.462	1.562
%RSD	2.127	1.077	505.9	11.67	13.22	84.17	127.6
#1	3.061	160.4	.3180	-1.174	-.7619	.7031	2.328
#2	2.970	162.9	-.5647	-1.385	-.9190	2.770	.1194
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.364	2.578					
SDev	.036	1.633					
%RSD	1.531	63.33					
#1	-2.338	3.732					
#2	-2.390	1.424					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1090	--	--	--	--	--	--
SDev	2.217477	--	--	--	--	--	--
%RSD	.2033825	--	--	--	--	--	--
#1	1092	--	--	--	--	--	--
#2	1089	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33365-F-4-B Operator:
Run Time: 11/12/11 02:57:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-172.6	.1973	1.900	178.1	-.2208	-.3248	41410.
SDev	2.8	2.416	.896	.5	.0083	.0595	142.
%RSD	1.630	1224.	47.15	.2815	3.771	18.33	.3418
#1	-174.6	-1.511	2.534	177.8	-.2267	-.3669	41310.
#2	-170.6	1.906	1.267	178.5	-.2149	-.2827	41510.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.

Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-1.175	-.9790	-.3004	-3.531	20930.	38.57	.1018	
SDev	.138	.4260	.2363	4.951	96.	.02	.0057	
%RSD	11.76	43.51	78.66	140.2	.4605	.0635	5.618	
#1	-1.077	-1.280	-.1333	-.0299	20860.	38.55	.1058	
#2	-1.272	-.6778	-.4675	-7.032	20990.	38.58	.0978	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1203.	.4996	3.264	.8245	12050.	.8692	7.420	
SDev	8.	.5112	.055	1.585	115.	1.105	.049	
%RSD	.6752	102.3	1.692	192.3	.9533	127.2	.6551	
#1	1197.	.8611	3.225	-.2964	11970.	1.651	7.454	
#2	1209.	.1382	3.303	1.945	12130.	.0876	7.386	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	6.850	149.8	2.645	.4876	-.8850	4.633	2.577	
SDev	.255	1.0	.002	.9947	.0557	.371	.268	
%RSD	3.722	.6988	.0609	204.0	6.289	8.003	10.40	
#1	6.669	149.0	2.644	-.2158	-.8457	4.895	2.387	Analysis
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#2	7.030	150.5	2.646	1.191	-.9244	4.370	2.766	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	5000.	2000.	5000.	2000.	20000.			
Low	-30.00	-10.00	-10.00	-10.00	-10.00			
Elem	1960/1	1960/2						
Units	ppb	ppb						
Avge	2.505	-.0239						
SDev	2.237	1.2594						
%RSD	89.32	5280.						
#1	.9229	-.9144						
#2	4.087	.8667						
Errors	NOCHECK	NOCHECK						
High								
Low								
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1126	--	--	--	--	--	--	
SDev	3.152978	--	--	--	--	--	--	
%RSD	.2801144	--	--	--	--	--	--	
#1	1128	--	--	--	--	--	--	
#2	1123	--	--	--	--	--	--	

Method:	SW846	Sample Name: 460-33365-F-5-B			Operator:			
Run Time:	11/12/11 03:03:14							
Comment:								
Mode:	CONC	Corr. Factor: 1						
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
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Avge	-168.7	-.5293	4.952	143.6	-.2564	-.2753	42330.
SDev	.1	.4757	.571	.4	.0086	.0002	386.
%RSD	.0709	89.87	11.52	.2872	3.360	.0669	.9113
#1	-168.6	-.1929	4.548	143.9	-.2625	-.2752	42610.
#2	-168.7	-.8656	5.355	143.3	-.2503	-.2755	42060.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.165	-.7601	-.1563	10.37	24240.	25.09	.7101
SDev	.214	.0817	.0760	4.56	90.	.26	.0391
%RSD	18.38	10.75	48.61	43.94	.3721	1.034	5.504
#1	-1.317	-.7023	-.2100	13.60	24300.	25.27	.7377
#2	-1.014	-.8179	-.1026	7.151	24170.	24.91	.6825
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1494.	.0612	4.312	.5831	13980.	.8313	12.73
SDev	21.	.1960	.772	.5200	105.	4.924	.17
%RSD	1.416	320.4	17.90	89.16	.7503	592.4	1.369
#1	1509.	-.0774	3.766	.2155	14060.	-2.651	12.85
#2	1479.	.1998	4.858	.9508	13910.	4.313	12.61
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.599	285.3	4.199	.7771	-.9007	4.421	4.255
SDev	.100	1.0	.626	1.359	.1832	.252	1.285
%RSD	1.168	.3637	14.91	174.9	20.34	5.710	30.20
#1	8.671	286.0	3.756	-.1839	-.7712	4.600	3.346
#2	8.528	284.6	4.642	1.738	-1.030	4.243	5.163
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.548	1.638					
SDev	4.437	1.435					
%RSD	286.6	87.65					
#1	-4.685	2.652	Analysis Report				11/12/11 03:09:20
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#2	1.589	.6226					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1087	--	--	--	--	--	--
SDev	8.939307	--	--	--	--	--	--
%RSD	.8224455	--	--	--	--	--	--

#1	1081	--	--	--	--	--	--
#2	1093	--	--	--	--	--	--

Method: SW846		Sample Name: 460-33372-A-14-B			Operator:		
Run Time: 11/12/11 03:09:23							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-159.5	-1.582	-.5483	-1.064	-.2279	-.3132	94.32
SDev	2.9	2.235	2.3074	.000	.0184	.0165	.37
%RSD	1.835	141.3	420.8	.0369	8.060	5.271	.3870
#1	-157.5	-3.163	-2.180	-1.064	-.2409	-.3015	94.06
#2	-161.6	-.0014	1.083	-1.064	-.2149	-.3249	94.58
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5996	-.7080	-.4377	6.856	1.364	-.3232	.0136
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SDev	.5126	.2569	.6207	1.175	1.557	.0837	.4326
%RSD	85.49	36.29	141.8	17.14	114.2	25.91	3189.
#1	-.9621	-.8897	-.8766	6.025	2.465	-.3825	.3194
#2	-.2372	-.5264	.0012	7.687	.2624	-.2640	-.2923
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-8.983	.2238	-.5646	-1.215	-205.8	3.337	.0580
SDev	1.672	.4623	1.2521	.839	.8	1.647	.2062
%RSD	18.61	206.6	221.8	69.08	.3814	49.34	355.5
#1	-7.801	-.1032	.3208	-.6215	-205.3	2.173	-.0878
#2	-10.17	.5507	-1.450	-1.808	-206.4	4.501	.2039
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.442	1.251	-1.136	-.9442	-.7665	1.356	-1.527
SDev	.009	.400	.326	.5456	.0015	2.732	.513
%RSD	.6413	32.01	28.68	57.78	.2005	201.6	33.59
#1	1.448	1.534	-.9058	-.5585	-.7676	3.288	-1.164
#2	1.435	.9679	-1.367	-1.330	-.7654	-.5765	-1.890
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.121	-.7721					
SDev	1.015	.7515					
%RSD	47.86	97.33					
#1	-1.403	-.2407					
#2	-2.838	-1.304					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1134	--	--	--	--	--	--
SDev	2.113552	--	--	--	--	--	--
%RSD	.1864314	--	--	--	--	--	--

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#1	1132	--	--	--	--	--	--
#2	1135	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33511-B-7-A Operator:
Run Time: 11/12/11 03:15:32
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1293.	4.565	8.386	310.7	- .1467	1.181	H417600.
SDev	5.	.423	.422	.0	.0143	.027	969.
%RSD	.3507	9.262	5.030	.0063	9.770	2.298	.2320

#1	1290.	4.864	8.684	310.7	- .1569	1.200	H416900.
#2	1296.	4.266	8.087	310.7	- .1366	1.162	H418200.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11.46	8.379	24.84	797.1	21260.	1097.	35.94
SDev	.47	.787	.26	9.9	38.	2.	.32
%RSD	4.106	9.389	1.055	1.242	.1788	.1404	.8946

#1	11.79	7.823	25.03	790.1	21240.	1096.	35.71
#2	11.12	8.935	24.66	804.1	21290.	1098.	36.16

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27440.	.7902	10.30	12.63	H257600.	-6.887	21.54

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SDev	40.	.1528	.46	.39	405.	1.734	.43
%RSD	.1473	19.33	4.479	3.080	.1573	25.17	1.978

#1	27410.	.6822	9.978	12.91	H257300.	-8.113	21.23
#2	27470.	.8982	10.63	12.36	H257900.	-5.661	21.84

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	375.9	H4389.	49.80	23.86	2.161	10.47	10.22
SDev	.4	10.	.19	2.49	.081	.88	1.13
%RSD	.1161	.2332	.3759	10.44	3.742	8.376	11.07

#1	375.6	H4382.	49.93	25.62	2.104	11.09	9.418
#2	376.2	H4396.	49.66	22.09	2.218	9.850	11.02

Errors	LC Pass	LC High	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2

Units	ppb	ppb
Avge	23.97	6.965
SDev	.54	.313
%RSD	2.262	4.488
#1	24.35	7.186
#2	23.58	6.744
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1103	--	--	--	--	--	--
SDev	.0692260	--	--	--	--	--	--
%RSD	.0062734	--	--	--	--	--	--
#1	1103	--	--	--	--	--	--
#2	1104	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33395-F-1-D Operator:
Run Time: 11/12/11 03:21:40
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-173.3	-1.333	-.6081	883.5	-.2361	-.3459	87470.
SDev	5.8	.551	1.1404	16.7	.0474	.1196	1222.
%RSD	3.359	41.34	187.5	1.888	20.07	34.59	1.397
#1	-177.4	-.9432	.1983	871.7	-.2026	-.4305	86600.
#2	-169.1	-1.722	-1.415	895.3	-.2696	-.2613	88330.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.813	-.8968	-.2473	76.15	9057.	3.737	.2397
SDev	.461	.1613	.0740	4.58	146.	.050	.5374
%RSD	25.45	17.99	29.95	6.010	1.610	1.336	224.2
#1	-1.487	-1.011	-.2996	72.92	8954.	3.701	.6197
#2	-2.139	-.7827	-.1949	79.39	9160.	3.772	-.1403

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	903.3	.2915	2.264	.2639	11840.	.4229	6.950
SDev	23.6	.2546	.129	1.956	228.	.6983	.131
%RSD	2.614	87.34	5.690	740.9	1.924	165.1	1.884
#1	886.6	.4716	2.173	1.647	11680.	-.0709	7.043
#2	920.0	.1115	2.355	-1.119	12010.	.9166	6.858

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
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Avge	11.81	42.84	-1.556	1.423	-1.100	3.994	1.397
SDev	.17	1.50	.401	.228	.040	1.143	.380
%RSD	1.438	3.512	25.79	16.04	3.621	28.62	27.16

#1	11.69	41.78	-1.840	1.584	-1.072	3.186	1.666
#2	11.93	43.91	-1.273	1.262	-1.128	4.803	1.129
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.558	1.164					
SDev	.486	3.175					
%RSD	31.18	272.7					
#1	-1.901	3.409					
#2	-1.214	-1.081					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1117	--	--	--	--	--	--
SDev	12.30014	--	--	--	--	--	--
%RSD	1.101341	--	--	--	--	--	--
#1	1126	--	--	--	--	--	--
#2	1108	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33395-F-2-B Operator:
 Run Time: 11/12/11 03:27:48
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-163.7	-2.316	-.2580	756.9	-.2724	-.4601	56950.
SDev	1.5	.186	.4934	1.9	.0497	.1739	128.
%RSD	.9287	8.018	191.2	.2547	18.25	37.79	.2255
#1	-164.8	-2.448	.0909	758.3	-.3076	-.5830	56860.
#2	-162.6	-2.185	-.6069	755.6	-.2373	-.3371	57040.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.503	-1.017	-.5232	-7.067	9154.	8.425	.6227
SDev	.213	.350	.5192	18.791	10.	.003	.0496
%RSD	14.18	34.44	99.25	265.9	.1088	.0336	7.960
#1	-1.352	-.7691	-.1560	6.221	9161.	8.423	.5877
#2	-1.653	-1.264	-.8903	-20.35	9147.	8.427	.6578
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	905.0	.1084	2.295	.7675	9332.	.7124	7.365
SDev	8.1	.9942	.076	2.160	9.	1.264	.353
%RSD	.8945	917.5	3.330	281.4	.0917	177.5	4.799
#1	899.3	.8114	2.349	2.295	9326.	-.1817	7.615
#2	910.8	-.5946	2.241	-.7597	9338.	1.607	7.115
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	8.273	38.63	-.2992	.5367	-1.079	3.616	1.633
SDev	.234	.10	.2654	1.077	.189	2.337	1.279
%RSD	2.826	.2714	88.69	200.7	17.55	64.63	78.37
#1	8.108	38.70	-.4868	1.298	-.9449	1.963	2.537
#2	8.438	38.55	-.1116	-.2249	-1.213	5.268	.7279
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report			11/12/11 03:33:54	
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Units	ppb	ppb
Avge	-2.022	2.150
SDev	.169	3.154
%RSD	8.382	146.6
#1	-1.902	4.380
#2	-2.141	-.0793
Errors	NOCHECK	NOCHECK
High		
Low		
IntStd	1	2
Mode	Counts	NOTUSED
Elem	Y	--
Wavlen	371.030	--
Avge	1102	--
SDev	.3118624	--
%RSD	.0283101	--
#1	1102	--
#2	1101	--

Method: SW846 Sample Name: 460-33395-F-3-B Operator:

Run Time: 11/12/11 03:33:58

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-168.1	-.1834	2.737	372.3	-.2318	-.4154	42640.
SDev	4.7	1.3726	1.116	12.0	.0270	.3409	1476.
%RSD	2.776	748.4	40.79	3.231	11.65	82.07	3.462
#1	-164.8	.7872	1.948	380.8	-.2509	-.6564	43680.
#2	-171.4	-1.154	3.527	363.8	-.2127	-.1743	41600.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.349	-1.313	-.4244	-9.542	17040.	20.02	.4422
SDev	.585	.481	.1766	5.982	537.	.69	.6444
%RSD	43.35	36.65	41.60	62.69	3.151	3.452	145.7
#1	-.9353	-.9729	-.2996	-5.312	17420.	20.50	.8979
#2	-1.762	-1.653	-.5492	-13.77	16660.	19.53	-.0134
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	1112.	.3414	.6060	.2457	10770.	-.8323	8.269
SDev	73.	.1038	.7658	2.631	339.	3.1028	.435
%RSD	6.568	30.41	126.4	1071.	3.146	372.8	5.266
#1	1164.	.2680	1.148	-1.614	11010.	-3.026	8.577
#2	1061.	.4149	.0645	2.106	10530.	1.362	7.961
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.392	95.30	-.4828	1.287	-.8936	-.0641	.9366
SDev	.850	2.44	.6877	.125	.0276	.1820	1.239
%RSD	15.77	2.560	142.5	9.674	3.088	284.1	132.3
#1	5.993	97.02	-.9691	1.375	-.9131	-.1928	1.813
#2	4.791	93.57	.0035	1.199	-.8741	.0647	.0605
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.6375	.0407					
SDev	5.686	1.105					
%RSD	891.9	2717.					
#1	-3.383	-.7410					
#2	4.658	.8224					
Errors	NOCHECK	NOCHECK					
High							
Low							

□□Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1116	--	--	--	--	--	--
SDev	30.10935	--	--	--	--	--	--
%RSD	2.697025	--	--	--	--	--	--
#1	1095	--	--	--	--	--	--
#2	1138	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33395-F-4-B Operator:
Run Time: 11/12/11 03:40:06
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-165.3	.2918	3.622	272.9	-.2168	-.2652	35510.
SDev	9.4	.3857	.161	.8	.0053	.1224	167.
%RSD	5.703	132.2	4.446	.2804	2.452	46.14	.4713
#1	-171.9	.0191	3.508	273.4	-.2130	-.3517	35400.
#2	-158.6	.5646	3.736	272.4	-.2205	-.1787	35630.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7307	-1.089	-.7932	9.624	17470.	2.964	.6348
SDev	.4057	.753	.2338	1.767	40.	.053	.5937
%RSD	55.53	69.14	29.47	18.36	.2262	1.786	93.52
#1	-1.018	-1.621	-.6279	8.375	17500.	2.926	.2150

#2 -.4438 -.5564 -.9586 10.87 17450. 3.001 1.055
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1143.	-.1326	1.399	1.379	10830.	-.3826	13.66
SDev	9.	.0114	2.142	1.538	106.	2.0488	.11
%RSD	.7518	8.628	153.1	111.5	.9813	535.5	.7894

#1	1137.	-.1407	2.914	.2917	10900.	-1.831	13.58
#2	1149.	-.1245	-.1159	2.467	10750.	1.066	13.73

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	9.650	143.0	1.419	.4391	-.7357	2.852	.6696
SDev	.108	.4	.626	.7567	.1270	.355	3.389
%RSD	1.117	.2930	44.14	172.3	17.27	12.44	506.1

#1	9.574	142.7	.9759	-.0960	-.8255	2.601	3.066
#2	9.726	143.3	1.861	.9742	-.6459	3.102	-1.727

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	.7901	1.664
SDev	2.865	.875
%RSD	362.6	52.59

#1	-1.236	1.045
#2	2.816	2.283

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1150	--	--	--	--	--	--
SDev	2.945041	--	--	--	--	--	--
%RSD	.2561548	--	--	--	--	--	--

#1	1152	--	--	--	--	--	--
#2	1148	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33395-F-5-B Operator:
 Run Time: 11/12/11 03:46:15
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-170.3	.6532	1.427	140.3	-.2241	-.1967	40740.
SDev	2.5	.2767	1.707	.5	.0307	.1699	183.
%RSD	1.479	42.36	119.6	.3411	13.71	86.37	.4481

#1	-172.0	.8488	.2199	140.7	-.2024	-.3169	40870.
#2	-168.5	.4575	2.634	140.0	-.2459	-.0766	40610.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.6980	-.7960	-.5447	.3681	19060.	10.47	.3365
SDev	.1728	.5152	.1165	1.808	56.	.02	.0948
%RSD	24.76	64.73	21.38	491.2	.2927	.1907	28.17
#1	-.5758	-.4317	-.6271	1.647	19100.	10.48	.4035
#2	-.8202	-1.160	-.4624	-.9105	19020.	10.45	.2694
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1184.	.3561	1.468	-.2777	12400.	2.035	10.27
SDev	10.	.0958	1.229	.4181	64.	2.861	.02
%RSD	.8418	26.91	83.74	150.6	.5130	140.6	.2251
#1	1191.	.4239	.5987	-.5733	12450.	.0115	10.29
#2	1177.	.2884	2.337	.0180	12360.	4.058	10.26

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.047	189.6	.4007	-.4437	-.7016	2.246	1.075
SDev	.088	1.2	.7054	1.4160	.0547	.269	1.977
%RSD	2.873	.6102	176.1	319.1	7.795	11.95	183.9
#1	3.109	188.7	.8994	.5576	-.7402	2.436	-.3227
#2	2.985	190.4	-.0981	-1.445	-.6629	2.056	2.473
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.595	.3707					
SDev	.302	.4763					
%RSD	18.91	128.5					
#1	-1.808	.0339					
#2	-1.382	.7075					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1121	--	--	--	--	--	--
SDev	2.009540	--	--	--	--	--	--
%RSD	.1792518	--	--	--	--	--	--
#1	1120	--	--	--	--	--	--
#2	1122	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
Run Time: 11/12/11 03:52:24
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	128600.	1066.	5290.	10450.	1063.	2620.	131900.

SDev	16.	2.	4.	5.	1.	1.	51.
%RSD	.0121	.1533	.0664	.0454	.0821	.0240	.0385
#1	128600.	1067.	5288.	10440.	1063.	2620.	131800.
#2	128600.	1064.	5293.	10450.	1064.	2619.	131900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5261.	2630.	12810.	105300.	128400.	5225.	2618.
SDev	3.	2.	4.	70.	53.	.	2.
%RSD	.0565	.0797	.0289	.0669	.0410	.0089	.0856
#1	5259.	2628.	12820.	105200.	128500.	5224.	2616.
#2	5263.	2631.	12810.	105300.	128400.	5225.	2619.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	50010.	1294.	10380.	5236.	125600.	5210.	2582.
SDev	20.	.	4.	3.	82.	17.	2.
%RSD	.0394	.0354	.0393	.0617	.0650	.3303	.0609
#1	49990.	1294.	10380.	5234.	125700.	5222.	2581.
#2	50020.	1294.	10390.	5238.	125600.	5198.	2583.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2587.	1037.	2610.	1054.	10380.	10330.	10410.
SDev	5.	1.	2.	.	3.	1.	6.
%RSD	.1917	.1135	.0714	.0134	.0264	.0068	.0622
#1	2584.	1037.	2609.	1054.	10380.	10330.	10410.
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#2	2591.	1038.	2612.	1054.	10380.	10330.	10420.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5185.	5261.					
SDev	4.	3.					
%RSD	.0701	.0575					
#1	5182.	5259.					
#2	5188.	5264.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1069	--	--	--	--	--	--
SDev	.2078507	--	--	--	--	--	--
%RSD	.0194349	--	--	--	--	--	--
#1	1069	--	--	--	--	--	--
#2	1070	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
 Run Time: 11/12/11 03:58:33
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
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Avge	-89.96	-2.027	.9194	-.8536	-.1950	-.3166	-11.23	
SDev	5.64	1.024	1.040	.0000	.0212	.0682	.35	
%RSD	6.269	50.53	113.1	.0000	10.86	21.53	3.123	
#1	-93.95	-2.752	.1842	-.8536	-.1800	-.3648	-10.98	
#2	-85.98	-1.303	1.655	-.8536	-.2100	-.2684	-11.48	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.	
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.	
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb	
Avge	-.2190	-.7814	-.3354	-13.55	.2877	-.4972	.7112	
SDev	.4853	.0016	.1172	5.56	.2316	.0867	.7903	
%RSD	221.5	.2007	34.95	41.00	80.51	17.43	111.1	
#1	.1241	-.7803	-.2525	-17.48	.1239	-.5585	1.270	
#2	-.5622	-.7826	-.4183	-9.624	.4515	-.4359	.1523	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00	
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00	
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb	
Avge	34.61	-.1635	.8257	1.009	-188.4	5.145	.3695	
SDev	3.34	.0208	1.725	2.570	26.3	2.755	.2099	
%RSD	9.641	12.71	208.9	254.7	13.94	53.55	56.80	
#1	32.25	-.1782	2.046	-.8084	-207.0	3.196	.5179	
#2	36.97	-.1488	-.3942	2.826	-169.8	7.093	.2211	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00	
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb	
Avge	-.6773	1.141	-.0153	1.169	-.6297	1.246	.6130	
SDev	.6874	.345	.2417	.362	.0521	2.405	1.384	
%RSD	101.5	30.24	1578.	31.01	8.280	193.0	225.8	
#1	-1.163	1.384	-.1862	.9125	-.6666	2.947	1.592	
#2	-.1913	.8966	.1556	1.425	-.5928	-.4543	-.3656	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK	
High	30.00	50.00	20.00	50.00	20.00			
Low	-30.00	-50.00	-20.00	-50.00	-20.00			
Elem Units	1960/1 ppb	1960/2 ppb						
Avge	1.471	.7690						
SDev	.293	3.999						
%RSD	19.91	520.1						
#1	1.678	-2.059	Analysis Report				11/12/11 04:04:38	
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#2	1.264	3.597						
Errors	NOCHECK	NOCHECK						
High								
Low								

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1116	--	--	--	--	--	--
SDev	1.905701	--	--	--	--	--	--
%RSD	.1707169	--	--	--	--	--	--
#1	1118	--	--	--	--	--	--
#2	1115	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33395-F-6-B Operator:
Run Time: 11/12/11 04:04:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-158.2	-2.569	1.525	73.10	-.2265	-.3980	35010.
SDev	6.4	.145	2.651	1.75	.0205	.1085	701.
%RSD	4.071	5.634	173.8	2.395	9.066	27.25	2.004
#1	-162.8	-2.466	3.399	71.86	-.2411	-.3213	34510.
#2	-153.7	-2.671	-.3490	74.33	-.2120	-.4747	35500.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.043	-.8593	-.5169	-4.842	17580.	15.75	.1334

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SDev	.137	.7950	.2726	1.902	399.	.33	.3546
%RSD	13.09	92.52	52.73	39.28	2.272	2.114	265.8
#1	-.9466	-.2971	-.3242	-6.187	17300.	15.51	.3842
#2	-1.140	-1.421	-.7097	-3.497	17860.	15.99	-.1173

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.838.1	.3718	1.412	-2.304	22390.	-.8866	4.057
SDev	32.0	.2020	.296	.421	463.	.7328	.505
%RSD	3.822	54.33	20.95	18.27	2.067	82.65	12.46
#1	815.5	.5146	1.203	-2.602	22070.	-1.405	3.700
#2	860.8	.2290	1.621	-2.007	22720.	-.3684	4.415

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.8224	685.6	21.22	-1.331	-.8753	-.0482	2.137
SDev	.3013	12.4	1.45	.643	.0442	.5189	.184
%RSD	36.64	1.804	6.841	48.32	5.046	1076.	8.632
#1	1.035	676.9	20.19	-.8765	-.8441	-.4152	2.007
#2	.6093	694.4	22.24	-1.786	-.9066	.3187	2.268

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-5.781	-.5778
SDev	2.918	2.0880
%RSD	50.48	361.4

#1	-3.718	-2.054					
#2	-7.845	.8987					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1116	--	--	--	--	--	--
SDev	19.57621	--	--	--	--	--	--
%RSD	1.754372	--	--	--	--	--	--

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#1	1130	--	--	--	--	--	--
#2	1102	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33426-A-8-A Operator:
Run Time: 11/12/11 04:10:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-175.7	-.7590	-.7154	-.9070	-.1991	-.4252	-2.444
SDev	1.8	.3567	.6271	.0755	.0185	.0709	.094
%RSD	1.010	47.00	87.66	8.324	9.290	16.68	3.830
#1	-176.9	-.5067	-1.159	-.9604	-.2121	-.3751	-2.377
#2	-174.4	-1.011	-.2719	-.8536	-.1860	-.4754	-2.510
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7855	-.7803	-.4332	-.8549	-1.181	-.4977	.2262
SDev	.5901	.1738	.5217	6.2067	1.080	.0855	.4450
%RSD	75.13	22.27	120.4	726.0	91.44	17.17	196.8
#1	-1.203	-.9032	-.0643	3.534	-1.945	-.5582	-.0885
#2	-.3682	-.6574	-.8021	-5.244	-.4174	-.4373	.5408
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.09	-.0996	-.2232	1.122	-257.4	-.6628	-.0857

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SDev	6.29	.0505	.0758	2.834	43.8	2.3516	.1309
%RSD	34.75	50.68	33.96	252.7	17.01	354.8	152.7
#1	13.65	-.1353	-.1696	3.126	-226.4	-2.326	.0069
#2	22.54	-.0639	-.2768	-.8824	-288.4	1.000	-.1782
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.300	2.118	-.8291	-1.815	-.7605	2.488	-1.581
SDev	.297	.229	1.6325	.554	.0276	.156	.036
%RSD	22.85	10.81	196.9	30.53	3.626	6.284	2.251

#1	1.090	1.956	-1.983	-1.423	-.7800	2.598	-1.556
#2	1.510	2.280	.3252	-2.207	-.7410	2.377	-1.606
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.0204	1.683					
SDev	2.3825	3.060					
%RSD	11700.	181.9					
#1	1.664	3.846					
#2	-1.705	-.4811					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1118	--	--	--	--	--	--
SDev	1.385902	--	--	--	--	--	--
%RSD	.1240133	--	--	--	--	--	--
#1	1117	--	--	--	--	--	--
#2	1119	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33446-B-20-A Operator:
Run Time: 11/12/11 04:17:00
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	80.89	-1.298	-.1614	31.34	-.0498	.3945	21090.
SDev	8.72	2.151	.3775	.29	.0286	.1729	81.
%RSD	10.78	165.7	233.8	.9173	57.31	43.81	.3857
#1	74.72	-2.819	.1055	31.14	-.0296	.2723	21040.
#2	87.06	.2231	-.4284	31.54	-.0700	.5167	21150.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.489	-.3721	.8712	2838.	7088.	162.7	1.310
SDev	.115	.4269	.1610	16.	39.	.7	.004
%RSD	7.746	114.7	18.48	.5783	.5542	.4562	.2679
#1	1.408	-.6740	.7573	2827.	7060.	162.2	1.313
#2	1.571	-.0703	.9850	2850.	7116.	163.2	1.308
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7899.	.0803	.6113	1.687	49550.	2.180	1.452
SDev	31.	.5189	1.081	1.276	57.	2.401	.226
%RSD	.3922	646.2	176.8	75.60	.1152	110.1	15.56
#1	7877.	-.2866	-.1529	.7854	49510.	.4823	1.292
#2	7921.	.4472	1.376	2.590	49590.	3.878	1.611
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem Units Report	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb	☐ Analysis
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Avge	26.79	24.69	2.779	2.698	8.627	.9254	.4505
SDev	.17	.22	1.405	.253	.010	.8794	1.181
%RSD	.6369	.8808	50.58	9.391	.1150	95.03	262.2
#1	26.91	24.54	1.785	2.519	8.620	.3036	-.3848
#2	26.67	24.84	3.773	2.877	8.634	1.547	1.286
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.6531	2.195					
SDev	2.739	.545					
%RSD	419.3	24.85					
#1	-1.283	1.809					
#2	2.590	2.580					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1126	--	--	--	--	--	--
SDev	4.816129	--	--	--	--	--	--
%RSD	.4278150	--	--	--	--	--	--
#1	1129	--	--	--	--	--	--
#2	1122	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33446-B-26-A Operator:
Run Time: 11/12/11 04:23:09
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	92.44	-.6826	1.163	35.57	-.2051	8.699	11880.
SDev	12.03	.4922	1.065	.27	.0116	.057	107.
%RSD	13.02	72.10	91.59	.7564	5.650	.6581	.8981
#1	83.93	-1.031	.4099	35.38	-.1969	8.659	11800.
#2	100.9	-.3346	1.917	35.76	-.2133	8.740	11950.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.524	-.4953	2.334	2696.	2026.	29.02	1.693
SDev	.117	.0891	.050	21.	8.	.20	.148
%RSD	4.646	18.00	2.131	.7616	.3885	.6966	8.718
#1	2.607	-.4322	2.299	2682.	2020.	28.88	1.797
#2	2.441	-.5583	2.370	2711.	2031.	29.16	1.589
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	15780.	-.0322	3.589	-.8320	195900.	1.350	1.106
SDev	50.	.0965	.942	2.6552	667.	2.133	.157

%RSD	.3194	299.8	26.26	319.1	.3404	158.0	14.19
#1	15750.	-.1005	2.923	-2.709	195400.	2.858	.9949
#2	15820.	.0361	4.256	1.046	196400.	-.1585	1.217
Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	26.78	14.89	3.901	-1.670	10.66	3.780	3.491
SDev	.01	.42	1.853	.284	.53	2.784	.025
%RSD	.0493	2.817	47.51	16.99	4.958	73.64	.7142
#1	26.77	14.59	2.591	-1.870	10.29	1.812	3.473
#2	26.79	15.18	5.212	-1.469	11.04	5.749	3.509
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem AM	1960/1 page 70	1960/2	□□Analysis Report			11/12/11 04:29:14	

Units	ppb	ppb					
Avge	-2.062	-.2269					
SDev	1.003	3.4798					
%RSD	48.65	1533.					
#1	-2.772	-2.688					
#2	-1.353	2.234					
Errors High	NOCHECK	NOCHECK					
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1134	--	--	--	--	--	--
SDev	6.063406	--	--	--	--	--	--
%RSD	.5346540	--	--	--	--	--	--
#1	1138	--	--	--	--	--	--
#2	1130	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33446-D-45-A Operator:
Run Time: 11/12/11 04:29:17
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-180.8	-.8031	-2.691	-.9051	-.1507	-.1977	-5.132
SDev	3.2	1.4674	.347	.0728	.0090	.1749	.827
%RSD	1.788	182.7	12.89	8.043	5.965	88.48	16.12
#1	-183.1	-1.841	-2.446	-.8536	-.1444	-.0740	-4.547
#2	-178.5	.2345	-2.936	-.9566	-.1571	-.3214	-5.717
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Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	-.5391	-.4556	-.7407	-.5578	6.435	-.4512	.0539
SDev	.2702	.7502	.1108	.5304	5.032	.0839	.0996
%RSD	50.13	164.7	14.97	95.09	78.19	18.59	184.7
#1	-.3480	.0749	-.8190	-.1827	9.993	-.3919	-.0165

#2	-.7302	-.9861	-.6623	-.9328	2.877	-.5105	.1244
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-11.33	.3085	.3461	.0210	-107.7	1.113	.6802
SDev	2.08	.3437	.2325	2.629	79.9	3.081	.4188
%RSD	18.32	111.4	67.17	12520.	74.20	276.8	61.57
#1	-9.859	.5515	.1817	1.880	-51.21	-1.066	.9763
#2	-12.79	.0654	.5105	-1.838	-164.3	3.292	.3840
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.342	1.471	-1.329	.2360	-.7309	1.658	-.3128
SDev	.011	.055	1.207	.0774	.0238	1.359	.3302
%RSD	.7957	3.762	90.84	32.81	3.263	81.99	105.5
#1	1.350	1.432	-.4753	.2908	-.7140	.6968	-.0794
#2	1.335	1.510	-2.183	.1812	-.7477	2.619	-.5463
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.889	.9656					
SDev	3.159	2.364					
%RSD	167.2	244.9					
#1	.3445	2.638					
#2	-4.123	-.7063					
Errors	NOCHECK	NOCHECK					
High							
Low							

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1156	--	--	--	--	--	--
SDev	2.460027	--	--	--	--	--	--
%RSD	.2127451	--	--	--	--	--	--
#1	1155	--	--	--	--	--	--
#2	1158	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33119-F-1-B Operator:
Run Time: 11/12/11 04:35:26
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-138.0	-2.117	-1.519	132.8	-.2337	-.4216	72840.
SDev	1.2	.029	2.327	.9	.0164	.1181	722.
%RSD	.8707	1.350	153.2	.6910	7.032	28.01	.9905
#1	-137.1	-2.097	.1269	133.4	-.2453	-.3381	73350.
#2	-138.8	-2.138	-3.164	132.1	-.2221	-.5051	72330.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.879	-1.339	.3304	66.47	28780.	.9402	1.415
SDev	.663	.252	.3528	3.33	179.	.0490	.486
%RSD	35.28	18.79	106.8	5.012	.6221	5.212	34.31
#1	2.348	-1.162	.0809	68.83	28900.	.9748	1.758
#2	1.410	-1.517	.5799	64.12	28650.	.9055	1.072

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1446.	.5247	.0274	.9722	19180.	.9708	1.346
SDev	15.	.1867	.0789	2.174	80.	.1313	.202
%RSD	1.015	35.58	288.3	223.7	.4163	13.52	14.99
#1	1457.	.3927	-.0284	2.510	19240.	.8780	1.203
#2	1436.	.6567	.0831	-.5654	19120.	1.064	1.489

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.830	121.4	-.9951	.0557	.3478	-.8047	.4401
SDev	.110	.6	.3868	.7693	.0521	1.8250	1.028
%RSD	2.274	.4985	38.87	1381.	14.98	226.8	233.5
#1	4.907	121.8	-.7216	.5997	.3110	.4858	-.2865
#2	4.752	120.9	-1.269	-.4883	.3847	-2.095	1.167

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	-1.039	1.967
SDev	8.041	.754
%RSD	773.6	38.35
#1	4.646	1.434
#2	-6.725	2.501

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1126	--	--	--	--	--	--
SDev	4.573579	--	--	--	--	--	--
%RSD	.4063312	--	--	--	--	--	--
#1	1122	--	--	--	--	--	--
#2	1129	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:
 Run Time: 11/12/11 04:41:35
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	123800.	1025.	5107.	10030.	1028.	2542.	128200.
SDev	257.	2.	4.	3.	2.	10.	358.

%RSD	.2079	.2093	.0691	.0324	.1646	.4118	.2790
#1	123600.	1023.	5104.	10020.	1027.	2534.	128000.
#2	124000.	1026.	5109.	10030.	1030.	2549.	128500.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5096.	2548.	12300.	101900.	123600.	5060.	2533.
SDev	13.	5.	11.	197.	315.	12.	10.
%RSD	.2595	.1854	.0916	.1936	.2548	.2378	.4042
#1	5087.	2544.	12290.	101800.	123300.	5051.	2525.
#2	5105.	2551.	12310.	102100.	123800.	5068.	2540.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48130.	1250.	10070.	5044.	121700.	5029.	2496.
SDev	33.	1.	48.	15.	258.	18.	7.
%RSD	.0680	.0798	.4741	.3051	.2121	.3591	.2873
#1	48100.	1249.	10040.	5033.	121600.	5016.	2491.
#2	48150.	1251.	10100.	5055.	121900.	5041.	2502.
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2529.	998.3	2525.	1027.	10010.	10020.	10090.
SDev	9.	2.6	16.	1.	22.	36.	54.
%RSD	.3457	.2606	.6307	.0965	.2153	.3585	.5314
#1	2523.	996.5	2514.	1026.	9997.	9998.	10050.
#2	2536.	1000.	2537.	1028.	10030.	10050.	10130.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	4993.	5070.					
SDev	13.	17.					
%RSD	.2546	.3300					
#1	4984.	5058.					
#2	5002.	5081.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1106	--	--	--	--	--	--
SDev	.1732377	--	--	--	--	--	--
%RSD	.0156641	--	--	--	--	--	--
#1	1106	--	--	--	--	--	--
#2	1106	--	--	--	--	--	--

Method: SW846 Sample Name: CCB
 Run Time: 11/12/11 04:47:44
 Comment:
 Mode: CONC Corr. Factor: 1

Operator:

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-98.34	.8554	-2.378	-.8536	-.1807	-.3563	-11.51
SDev	3.16	.6479	1.918	.0000	.0432	.0335	1.41
%RSD	3.214	75.75	80.66	.0000	23.88	9.404	12.28
#1	-100.6	1.314	-1.022	-.8536	-.1502	-.3800	-10.51
#2	-96.11	.3972	-3.734	-.8536	-.2112	-.3326	-12.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.5792	-.0449	-.7570	-15.95	5.290	-.5059	-.2074
SDev	.0674	.1684	.7581	6.68	4.814	.0842	.9118
%RSD	11.64	375.1	100.1	41.85	91.00	16.65	439.6
#1	-.6269	.0742	-.2210	-20.68	8.694	-.4463	.4373
#2	-.5315	-.1640	-1.293	-11.23	1.886	-.5655	-.8522
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-5.183	-.1129	-.2846	-.2291	-150.3	2.617	.2528
SDev	.511	.0812	.8145	1.2911	9.1	.158	.0705
%RSD	9.864	71.95	286.2	563.5	6.056	6.036	27.88
#1	-4.822	-.1703	-.8605	.6838	-143.8	2.506	.3026
#2	-5.545	-.0555	.2913	-1.142	-156.7	2.729	.2029
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2760	1.242	-1.041	-.6309	-.5199	2.399	-1.627
SDev	.0026	.395	.156	.4665	.1817	1.688	2.062
%RSD	.9473	31.78	14.99	73.94	34.95	70.35	126.7
#1	-.2741	1.521	-.9305	-.9608	-.3914	3.592	-3.085
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#2	-.2778	.9631	-1.151	-.3011	-.6483	1.205	-.1690
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.1391	-.4222					
SDev	3.381	.2477					
%RSD	2430.	58.68					
#1	2.530	-.2470					
#2	-2.252	-.5973					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	1143	--	--	--	--	--	--
SDev	.9008015	--	--	--	--	--	--
%RSD	.0788019	--	--	--	--	--	--
#1	1142	--	--	--	--	--	--
#2	1144	--	--	--	--	--	--

Method: SW846 Sample Name: MB 460-92389/1-A Operator:
Run Time: 11/12/11 04:53:53
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
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Avge	-175.7	-.0310	-.0399	-.8536	-.1043	-.1800	-9.912
SDev	.5	.9036	1.5652	.0000	.0641	.1007	1.976
%RSD	.2879	2913.	3919.	.0000	61.40	55.96	19.94

#1	-175.3	.6079	1.067	-.8536	-.1496	-.1088	-11.31
#2	-176.0	-.6700	-1.147	-.8536	-.0590	-.2513	-8.514

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.2587	-.0403	-.4853	-5.609	5.044	-.5483	.3229
SDev	.2941	.1619	.2427	6.378	.885	.0405	.2084
%RSD	113.7	402.1	50.00	113.7	17.55	7.381	64.56

#1	-.4667	-.1548	-.6570	-10.12	5.670	-.5769	.4702
#2	-.0508	.0742	-.3137	-1.099	4.418	-.5196	.1755

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-28.39	-.0060	.4749	1.317	-160.2	3.137	.4255
SDev	7.98	.2452	.0960	2.372	78.0	1.659	.1970
%RSD	28.09	4097.	20.22	180.1	48.66	52.90	46.30

#1	-34.03	-.1794	.5429	-.3600	-215.3	1.963	.2862
#2	-22.75	.1674	.4070	2.994	-105.1	4.310	.5648

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.4003	1.366	-.6609	1.153	-.5482	.4548	.4812
SDev	.9977	.270	.2877	.682	.2000	.1364	.0759
%RSD	249.2	19.79	43.53	59.16	36.48	29.98	15.78

#1	-.3052	1.175	-.4575	.6707	-.6896	.5513	.5349
#2	1.106	1.558	-.8643	1.636	-.4068	.3584	.4275

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1.189	1.372
SDev	.096	3.508
%RSD	8.109	255.6

#1	1.121	-1.108	Analysis Report	11/12/11 04:59:59
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#2	1.257	3.853					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1189	--	--	--	--	--	--
SDev	.2425501	--	--	--	--	--	--
%RSD	.0203985	--	--	--	--	--	--
#1	1189	--	--	--	--	--	--
#2	1189	--	--	--	--	--	--

Method: SW846 Sample Name: LCS 460-92389/2-A Operator:
Run Time: 11/12/11 05:00:03
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1735.	486.2	1971.	1985.	49.56	50.61	20410.
SDev	1.	2.6	2.	3.	.09	.11	35.
%RSD	.0385	.5248	.0816	.1751	.1768	.2205	.1698
#1	1735.	488.0	1972.	1987.	49.62	50.69	20440.
#2	1735.	484.4	1970.	1982.	49.50	50.53	20390.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	2400.	600.0	2400.	2400.	60.00	60.00	24000.
Low	1600.	400.0	1600.	1600.	40.00	40.00	16000.

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	201.1	492.2	237.5	1003.	18440.	509.4	495.8
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SDev	.1	1.3	.4	11.	4.	.7	.4
%RSD	.0607	.2605	.1646	1.075	.0238	.1422	.0807
#1	201.2	493.1	237.8	995.6	18440.	510.0	496.1
#2	201.0	491.3	237.3	1011.	18440.	508.9	495.5

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	240.0	600.0	300.0	1200.	24000.	600.0	600.0
Low	160.0	400.0	200.0	800.0	16000.	400.0	400.0

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18950.	49.10	495.8	1914.	18360.	1957.	489.0
SDev	91.	.46	.3	4.	76.	.	.4
%RSD	.4826	.9395	.0536	.2347	.4160	.0174	.0919

#1	19020.	48.77	495.6	1917.	18310.	1957.	489.3
#2	18890.	49.43	496.0	1911.	18410.	1957.	488.7

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	24000.	60.00	600.0	2400.	24000.	2400.	600.0
Low	16000.	40.00	400.0	1600.	16000.	1600.	400.0

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	501.2	477.9	491.1	499.1	500.0	493.0	497.1
SDev	.2	.4	2.6	1.2	.8	1.8	.5
%RSD	.0485	.0759	.5392	.2430	.1656	.3744	.1052

#1	501.0	477.6	489.2	500.0	500.6	491.7	497.5
#2	501.4	478.1	493.0	498.2	499.4	494.3	496.8

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK

High	600.0	600.0	600.0	600.0	600.0
Low	400.0	400.0	400.0	400.0	400.0

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	1890.	1926.
SDev	5.	4.
%RSD	.2626	.2210

#1	1893.	1929.
#2	1886.	1923.

Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1169	--	--	--	--	--	--
SDev	1.281976	--	--	--	--	--	--
%RSD	.1096673	--	--	--	--	--	--

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#1	1168	--	--	--	--	--	--
#2	1170	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-A-1-D DU Operator:
Run Time: 11/12/11 05:06:12
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-161.8	-1.250	.0781	490.3	-.2876	-.6397	37680.
SDev	4.2	2.414	1.320	1.6	.0108	.1239	178.
%RSD	2.611	193.2	1691.	.3239	3.757	19.36	.4723

#1	-164.7	.4574	-.8554	489.2	-.2799	-.7273	37550.
#2	-158.8	-2.957	1.011	491.4	-.2952	-.5521	37800.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.013	50.05	-.1158	19290.	62050.	6467.	7.149
SDev	.140	.47	.0039	71.	115.	22.	.022
%RSD	13.81	.9368	3.371	.3675	.1853	.3376	.3124

#1	-1.112	49.72	-.1185	19240.	61970.	6452.	7.164
#2	-.9145	50.39	-.1130	19340.	62140.	6482.	7.133

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5827.	.9161	.3795	1.938	169400.	-3.923	-.0163

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SDev	22.	.0050	.2008	1.102	272.	1.197	.4342
%RSD	.3694	.5497	52.91	56.87	.1606	30.51	2663.

#1	5842.	.9197	.5215	1.158	169200.	-4.769	.2907
#2	5812.	.9125	.2375	2.717	169600.	-3.077	-.3233

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.

Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	87.80	505.1	3.028	.9533	-.8936	1.784	-.3259			
SDev	.18	2.2	.060	3.505	.0265	.591	.5959			
%RSD	.2047	.4424	1.986	367.7	2.971	33.11	182.9			
#1	87.93	506.7	2.986	-1.525	-.9124	1.366	.0955			
#2	87.68	503.6	3.071	3.432	-.8749	2.202	-.7472			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avge	-.5957	3.193								
SDev	.2872	1.796								
%RSD	48.21	56.24								
#1	-.3926	1.923								
#2	-.7988	4.463								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1095	--	--	--	--	--	--			
SDev	.6236385	--	--	--	--	--	--			
%RSD	.0569353	--	--	--	--	--	--			
#1	1096	--	--	--	--	--	--			
#2	1095	--	--	--	--	--	--			

Method:	SW846	Sample Name: 460-33168-D-1-G			Operator:					
Run Time:	11/12/11 05:12:21									
Comment:										
Mode:	CONC	Corr. Factor: 1								
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	-166.6	-2.024	-1.667	490.8	-.2590	-.7343	38080.			
SDev	3.7	.603	.408	2.3	.0083	.2152	58.			
%RSD	2.240	29.81	24.49	.4694	3.211	29.30	.1531			
#1	-169.2	-1.597	-1.955	489.1	-.2649	-.8865	38040.			
#2	-163.9	-2.450	-1.378	492.4	-.2532	-.5821	38120.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	-1.523	50.42	-.1266	19510.	62230.	6512.	7.511			
SDev	.280	.23	.1096	19.	349.	17.	.312			
%RSD	18.35	.4551	86.59	.0988	.5612	.2557	4.153			
#1	-1.326	50.25	-.0491	19500.	61980.	6501.	7.290			
#2	-1.721	50.58	-.2042	19530.	62480.	6524.	7.731			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	5847.	.3527	.4430	1.215	170300.	-1.544	-.2419			
SDev	19.	.0271	.5296	1.234	1104.	.910	.0055			
%RSD	.3285	7.687	119.5	101.6	.6480	58.98	2.266			

#1	5833.	.3719	.0686	.3419	169500.	-2.187	-.2381
#2	5860.	.3335	.8175	2.087	171100.	-.8999	-.2458
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	88.54	508.7	2.625	-1.396	-.8973	.5143	.4034
SDev	.35	1.2	1.070	.609	.0028	.5345	.5271
%RSD	.3929	.2374	40.76	43.59	.3154	103.9	130.7
#1	88.79	507.8	3.382	-1.826	-.8953	.1363	.0307
#2	88.30	509.5	1.869	-.9656	-.8993	.8922	.7761
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	1.522	1.052					
SDev	2.462	3.079					
%RSD	161.8	292.8					
#1	3.263	-1.126					
#2	-.2190	3.229					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1112	--	--	--	--	--	--
SDev	3.152978	--	--	--	--	--	--
%RSD	.2835709	--	--	--	--	--	--
#1	1114	--	--	--	--	--	--
#2	1110	--	--	--	--	--	--

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Method: SW846 Sample Name: SD 460-33168-D-1-G@5 Operator:
Run Time: 11/12/11 05:18:30
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-164.6	-2.272	-1.693	96.54	-.2249	-.2293	7611.
SDev	2.8	.259	.304	.33	.0171	.0209	26.
%RSD	1.706	11.38	17.98	.3395	7.605	9.111	.3389
#1	-162.6	-2.089	-1.478	96.78	-.2370	-.2145	7629.
#2	-166.6	-2.455	-1.908	96.31	-.2128	-.2441	7593.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.055	9.403	-.7903	3892.	12070.	1322.	2.034
SDev	.136	.124	.1522	26.	33.	3.	.145
%RSD	12.92	1.316	19.26	.6640	.2702	.2272	7.142
#1	-1.151	9.490	-.6827	3911.	12100.	1324.	2.136
#2	-.9586	9.315	-.8979	3874.	12050.	1320.	1.931

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.			
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00			
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	959.8	.1124	.1976	1.766	33600.	1.853	.2547			
SDev	7.3	.4787	.4600	1.546	117.	.126	.1484			
%RSD	.7622	425.8	232.8	87.53	.3478	6.816	58.26			
#1	964.9	.4509	.5229	.6731	33680.	1.763	.1497			
#2	954.6	-.2261	-.1277	2.860	33510.	1.942	.3596			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	17.24	101.3	.0025	-1.588	-.8785	2.200	-.8062			
SDev	.16	.2	1.671	1.005	.0041	.320	.5301			
%RSD	.9328	.1840	66440.	63.32	.4676	14.53	65.75			
#1	17.36	101.5	-1.179	-.8768	-.8814	2.426	-.4314			
#2	17.13	101.2	1.184	-2.299	-.8756	1.974	-1.181			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	5000.	2000.	5000.	2000.	20000.					
Low	-30.00	-10.00	-10.00	-10.00	-10.00					
Elem	1960/1	1960/2	Analysis Report				11/12/11 05:24:36			
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Units	ppb	ppb								
Avge	2.504	1.389								
SDev	1.058	1.790								
%RSD	42.27	128.9								
#1	1.756	.1234								
#2	3.252	2.654								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1133	--	--	--	--	--	--			
SDev	4.677505	--	--	--	--	--	--			
%RSD	.4128951	--	--	--	--	--	--			
#1	1130	--	--	--	--	--	--			
#2	1136	--	--	--	--	--	--			

Method:	SW846	Sample Name:	460-33168-D-1-H MS	Operator:						
Run Time:	11/12/11 05:24:40									
Comment:										
Mode:	CONC	Corr. Factor:	1							
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	1923.	534.5	2138.	2635.	52.58	52.85	60440.			
SDev	.	.2	5.	2.	.06	.39	93.			
%RSD	.0186	.0463	.2365	.0666	.1106	.7370	.1546			
#1	1924.	534.3	2135.	2636.	52.54	52.57	60370.			
#2	1923.	534.7	2142.	2634.	52.62	53.12	60510.			
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	214.7	579.1	258.7	20930.	84390.	7163.	537.3
SDev	1.0	.5	.4	24.	60.	8.	1.1
%RSD	.4881	.0945	.1424	.1138	.0711	.1070	.1968
#1	214.0	579.5	258.4	20910.	84430.	7158.	536.6
#2	215.4	578.7	258.9	20950.	84340.	7169.	538.1
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	27790.	53.89	527.8	2043.	193900.	2078.	523.1
SDev	7.	.50	.8	5.	648.	9.	1.4
%RSD	.0245	.9350	.1525	.2568	.3339	.4099	.2740
#1	27800.	53.54	527.3	2040.	194400.	2072.	522.1
#2	27790.	54.25	528.4	2047.	193500.	2084.	524.2
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	617.2	1034.	527.9	534.9	536.0	527.1	528.2
SDev	1.8	3.	4.5	1.3	.4	.8	1.6
%RSD	.2912	.3358	.8503	.2388	.0839	.1447	.3006
#1	615.9	1031.	524.8	534.0	535.6	527.7	527.0
#2	618.5	1036.	531.1	535.8	536.3	526.6	529.3
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2016.	2057.					
SDev	2.	9.					
%RSD	.0855	.4242					
#1	2017.	2051.					
#2	2015.	2063.					
Errors	NOCHECK	NOCHECK					
High							
Low							

□□ Analysis Report

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1089	--	--	--	--	--	--
SDev	.9701139	--	--	--	--	--	--
%RSD	.0890890	--	--	--	--	--	--
#1	1090	--	--	--	--	--	--
#2	1088	--	--	--	--	--	--

Method: SW846 Sample Name: PDS 460-33168-D-1-G Operator:
Run Time: 11/12/11 05:30:49
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1845.	509.3	2034.	2527.	49.67	50.61	56640.
SDev	1.	3.1	7.	.	.06	.02	54.

%RSD	.0461	.6115	.3302	.0174	.1153	.0414	.0956
#1	1845.	511.5	2039.	2527.	49.71	50.59	56680.
#2	1844.	507.1	2029.	2527.	49.63	50.62	56600.
Errors High	LC Pass 250000.	LC Pass 2000.	LC Pass 10000.	LC Pass 20000.	LC Pass 2000.	LC Pass 5000.	LC Pass 250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb
Avge	202.0	548.9	249.8	19640.	80340.	6729.	508.7
SDev	.0	.0	.3	16.	49.	1.	.7
%RSD	.0200	.0022	.1185	.0797	.0606	.0102	.1328
#1	202.0	548.9	249.6	19650.	80300.	6728.	508.2
#2	202.0	548.9	250.1	19630.	80370.	6729.	509.2

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Errors High	LC Pass 10000.	LC Pass 5000.	LC Pass 25000.	LC Pass 200000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb
Avge	26810.	58.36	500.9	1960.	186100.	1986.	496.5
SDev	13.	.38	.8	7.	320.	1.	.0
%RSD	.0477	.6558	.1615	.3336	.1718	.0468	.0060
#1	26800.	58.63	500.3	1955.	186300.	1985.	496.5
#2	26820.	58.09	501.5	1965.	185900.	1986.	496.5
Errors High	LC Pass 100000.	LC Pass 2500.	LC Pass 20000.	LC Pass 10000.	LC Pass 250000.	LC Pass 10000.	LC Pass 5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb
Avge	579.0	981.3	503.5	506.6	510.3	497.3	502.7
SDev	.8	1.5	.1	1.5	.3	1.7	.4
%RSD	.1441	.1534	.0204	.2996	.0548	.3394	.0732
#1	579.6	980.2	503.5	507.7	510.1	496.1	502.4
#2	578.4	982.3	503.6	505.5	510.5	498.5	502.9
Errors High	LC Pass 5000.	LC Pass 2000.	LC Pass 5000.	LC Pass 2000.	LC Pass 20000.	NOCHECK	NOCHECK
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem Units	1960/1 ppb	1960/2 ppb					
Avge	1940.	1970.					
SDev	2.	11.					
%RSD	.0846	.5392					
#1	1941.	1963.					
#2	1939.	1978.					
Errors High	NOCHECK	NOCHECK					
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1115	--	--	--	--	--	--
SDev	.7275639	--	--	--	--	--	--
%RSD	.0652312	--	--	--	--	--	--
#1	1116	--	--	--	--	--	--
#2	1115	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-D-1-D Operator:

Run Time: 11/12/11 05:36:58
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-155.2	-.3844	.0749	168.0	-.2319	.4188	96640.
SDev	6.7	1.5871	1.392	3.4	.0130	.0555	1746.
%RSD	4.317	412.8	1858.	2.046	5.603	13.25	1.807
#1	-159.9	-1.507	1.059	165.5	-.2227	.3796	95400.
#2	-150.4	.7378	-.9096	170.4	-.2411	.4580	97870.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.766	16.64	-.4108	570.9	29720.	1237.	16.48
SDev	.023	.50	.7446	7.4	560.	22.	.02
%RSD	1.317	2.976	181.3	1.294	1.883	1.786	.1455
#1	-1.782	16.29	-.9373	565.6	29320.	1222.	16.49
#2	-1.749	16.99	.1158	576.1	30120.	1253.	16.46
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	11380.	.1131	.4725	2.825	169500.	-.0617	.0152
SDev	139.	.0200	1.456	2.004	2896.	.5704	.2779
%RSD	1.219	17.66	308.1	70.95	1.709	924.8	1834.
#1	11290.	.1273	1.502	1.408	167400.	-.4650	.2116
#2	11480.	.0990	-.5568	4.242	171500.	.3416	-.1813
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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	59.24	85.00	2.733	1.119	-1.120	-.3200	.8654
SDev	2.11	1.13	1.081	.302	.010	.4533	1.958
%RSD	3.566	1.325	39.54	27.02	.8619	141.6	226.3
#1	57.75	84.21	1.969	.9049	-1.126	.0005	2.250
#2	60.73	85.80	3.497	1.332	-1.113	-.6405	-.5191
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.172	4.811					
SDev	1.693	2.159					
%RSD	144.5	44.89					
#1	-2.369	3.284					
#2	.0255	6.337					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--

Wavlen	371.030	--	--	--	--	--	--
Avge	1099	--	--	--	--	--	--
SDev	15.38380	--	--	--	--	--	--
%RSD	1.399711	--	--	--	--	--	--
#1	1110	--	--	--	--	--	--
#2	1088	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-D-2-D Operator:
Run Time: 11/12/11 05:43:07
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-166.3	-1.688	-.1015	87.03	-.2469	-.1536	80560.
SDev	.7	1.648	.6311	.03	.0042	.0207	31.
%RSD	.4401	97.63	621.7	.0347	1.684	13.50	.0387
#1	-166.8	-.5227	.3447	87.05	-.2498	-.1389	80580.
#2	-165.8	-2.853	-.5477	87.00	-.2439	-.1683	80540.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.823	1.717	-.1424	9.411	18210.	381.8	6.830
SDev	.034	.429	.1135	1.310	42.	.6	.261
%RSD	1.840	24.99	79.68	13.92	.2298	.1453	3.816
#1	-1.800	2.020	-.0622	8.485	18180.	381.4	7.014
#2	-1.847	1.414	-.2226	10.34	18240.	382.2	6.645
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6022.	.2474	-1.228	-.2036	98660.	2.706	4.490
SDev	38.	.0919	.331	3.2717	51.	.512	.201
%RSD	.6364	37.14	26.94	1607.	.0512	18.93	4.470
#1	5995.	.1824	-1.462	2.110	98630.	2.344	4.632
#2	6049.	.3123	-.9945	-2.517	98700.	3.068	4.348
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	3.194	90.25	2.393	.2958	-.9706	.2468	-1.969
SDev	.091	.78	.192	1.257	.1626	3.427	2.207
%RSD	2.856	.8650	8.012	425.0	16.76	1388.	112.1
#1	3.129	90.80	2.257	-.5932	-.8556	2.670	-3.530
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#2	3.258	89.69	2.529	1.185	-1.086	-2.177	-.4083
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-2.910	1.138					
SDev	5.132	2.343					
%RSD	176.4	205.8					
#1	.7193	2.795					
#2	-6.539	-.5184					

Analysis

Errors High Low	NOCHECK	NOCHECK						
IntStd	1	2	3	4	5	6	7	
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	
Elem	Y	--	--	--	--	--	--	
Wavlen	371.030	--	--	--	--	--	--	
Avge	1114	--	--	--	--	--	--	
SDev	2.494640	--	--	--	--	--	--	
%RSD	.2238438	--	--	--	--	--	--	
#1	1116	--	--	--	--	--	--	
#2	1113	--	--	--	--	--	--	

Method: SW846		Sample Name: 460-33104-D-3-D				Operator:		
Run Time: 11/12/11		05:49:16						
Comment:								
Mode: CONC		Corr. Factor: 1						
Elem Units Report	Al3082 ppb	Sb2068 ppb	As1890 ppb	Ba4934 ppb	Be3130 ppb	Cd2265 ppb	Ca3179 ppb	Analysis
			11/12/11 05:55:22 AM			page 108		
Avge	-149.5	-.0001	1.878	134.3	-.2650	-.2738	208100.	
SDev	.0	.6376	2.376	1.1	.0235	.1331	808.	
%RSD	.0044	1113000.	126.5	.8520	8.868	48.60	.3884	
#1	-149.5	-.4509	.1979	135.1	-.2816	-.1797	207600.	
#2	-149.5	.4508	3.558	133.5	-.2484	-.3680	208700.	
Errors High Low	LC Pass 250000. -200.0	LC Pass 2000. -10.00	LC Pass 10000. -10.00	LC Pass 20000. -20.00	LC Pass 2000. -5.000	LC Pass 5000. -5.000	LC Pass 250000. -500.0	
Elem Units	Cr2677 ppb	Co2286 ppb	Cu3247 ppb	Fe2714 ppb	Mg3832 ppb	Mn2576 ppb	Ni2316 ppb	
Avge	-2.474	-.6178	-.8428	-10.22	1526.	-.0296	4.049	
SDev	.360	.2610	.1295	4.38	2.	.0866	.223	
%RSD	14.56	42.24	15.37	42.92	.1537	292.2	5.504	
#1	-2.219	-.8023	-.7512	-7.115	1528.	-.0909	3.892	
#2	-2.728	-.4332	-.9344	-13.32	1525.	.0316	4.207	
Errors High Low	LC Pass 10000. -10.00	LC Pass 5000. -10.00	LC Pass 25000. -10.00	LC Pass 200000. -150.0	LC Pass 250000. -500.0	LC Pass 10000. -10.00	LC Pass 5000. -10.00	
Elem Units	K_7664 ppb	Ag3280 ppb	Pb2203 ppb	Se1960 ppb	Na3302 ppb	Tl1908 ppb	V_2924 ppb	
Avge	8934.	.2354	-.4138	.9485	215700.	-3.886	12.02	
SDev	11.	.0753	.4375	.8470	781.	1.676	.07	
%RSD	.1241	32.00	105.7	89.30	.3619	43.12	.5773	
#1	8941.	.2886	-.7231	1.547	216200.	-5.071	12.07	
#2	8926.	.1821	-.1045	.3496	215100.	-2.701	11.98	
Errors High Low	LC Pass 100000. -1000.	LC Pass 2500. -10.00	LC Pass 20000. -5.000	LC Pass 10000. -5.000	LC Pass 250000. -1000.	LC Pass 10000. -10.00	LC Pass 5000. -10.00	
Elem Units	Zn2062 ppb	B_2496 ppb	Mo2020 ppb	Sn1899 ppb	Ti3349 ppb	2203/1 ppb	2203/2 ppb	
Avge	.9049	21.40	13.34	1.522	-1.791	2.353	-1.798	
SDev	.4583	.06	.32	1.210	.134	.313	.497	
%RSD	50.65	.2659	2.396	79.48	7.494	13.32	27.67	
#1	.5808	21.36	13.11	.6667	-1.886	2.132	-2.150	
#2	1.229	21.44	13.57	2.378	-1.696	2.575	-1.446	
Errors High Low	LC Pass 5000. -30.00	LC Pass 2000. -10.00	LC Pass 5000. -10.00	LC Pass 2000. -10.00	LC Pass 20000. -10.00	NOCHECK	NOCHECK	

Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	2.586	.1213					
SDev	.970	1.754					
%RSD	37.52	1446.					
#1	1.900	1.362	□□Analysis Report				
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#2	3.273	-1.119
Errors	NOCHECK	NOCHECK
High		
Low		

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1109	--	--	--	--	--	--
SDev	.0346130	--	--	--	--	--	--
%RSD	.0031200	--	--	--	--	--	--
#1	1109	--	--	--	--	--	--
#2	1109	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:

Run Time: 11/12/11 05:55:25

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	124500.	1033.	5141.	10090.	1034.	2550.	128800.
SDev	112.	4.	6.	3.	.	1.	40.
%RSD	.0898	.3421	.1207	.0306	.0331	.0336	.0310
#1	124400.	1036.	5145.	10090.	1035.	2549.	128800.
#2	124600.	1031.	5136.	10090.	1034.	2551.	128900.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5116.	2561.	12350.	102400.	124000.	5073.	2542.
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SDev	2.	1.	10.	11.	115.	6.	4.
%RSD	.0456	.0292	.0815	.0106	.0925	.1196	.1615
#1	5114.	2560.	12340.	102400.	123900.	5069.	2539.
#2	5118.	2561.	12360.	102400.	124100.	5077.	2545.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	48280.	1256.	10090.	5068.	122300.	5046.	2502.
SDev	110.	.	18.	8.	111.	9.	2.
%RSD	.2270	.0331	.1817	.1597	.0907	.1759	.0767
#1	48360.	1255.	10080.	5063.	122200.	5040.	2501.
#2	48200.	1256.	10110.	5074.	122400.	5052.	2503.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	2535.	1002.	2534.	1031.	10040.	10050.	10110.
SDev	5.	.	3.	2.	9.	10.	23.
%RSD	.2069	.0255	.1327	.1779	.0912	.0977	.2233
#1	2531.	1002.	2536.	1032.	10030.	10050.	10100.
#2	2538.	1002.	2531.	1029.	10050.	10060.	10130.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5014.	5095.					
SDev	12.	6.					
%RSD	.2471	.1167					
#1	5005.	5091.					
#2	5023.	5100.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1107	--	--	--	--	--	--
SDev	1.316589	--	--	--	--	--	--
%RSD	.1189586	--	--	--	--	--	--
Report							

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Analysis

#1	1106	--	--	--	--	--	--
#2	1108	--	--	--	--	--	--
Method:	SW846	Sample Name:	CCB	Operator:			
Run Time:	11/12/11 06:01:34						
Comment:							
Mode:	CONC	Corr. Factor:	1				
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-88.58	-1.534	1.534	-.8536	-.2014	-.3788	-10.84
SDev	.75	.943	.091	.0000	.0040	.0626	.96
%RSD	.8437	61.48	5.943	.0000	1.965	16.54	8.850
#1	-88.05	-.8668	1.470	-.8536	-.1986	-.4231	-10.16
#2	-89.11	-2.200	1.599	-.8536	-.2042	-.3345	-11.51
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.3343	-.6458	-.6353	-11.24	5.254	-.5936	.1906
SDev	.2725	.5085	.1306	1.16	6.648	.0423	.7720
%RSD	81.52	78.74	20.56	10.34	126.5	7.129	405.0
#1	-.5270	-.2862	-.5429	-10.41	9.954	-.5637	.7365
#2	-.1416	-1.005	-.7276	-12.06	.5530	-.6235	-.3553
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5.518	.0185	.5914	-2.126	-177.9	1.655	.1666
Report							

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Analysis

SDev	4.940	.1039	.7267	.089	9.1	.876	.3458			
%RSD	89.52	560.6	122.9	4.177	5.108	52.93	207.6			
#1	2.025	.0920	.0775	-2.189	-171.4	1.035	.4111			
#2	9.011	-.0550	1.105	-2.064	-184.3	2.274	-.0779			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00			
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00			
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	.4263	.1270	.5090	.9676	-.4863	3.580	-.9047			
SDev	.2261	.0586	.1990	.2188	.1828	1.431	.3753			
%RSD	53.04	46.15	39.10	22.61	37.59	39.96	41.48			
#1	.5861	.0855	.3683	1.122	-.3571	2.568	-1.170			
#2	.2664	.1684	.6497	.8129	-.6156	4.592	-.6394			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK			
High	30.00	50.00	20.00	50.00	20.00					
Low	-30.00	-50.00	-20.00	-50.00	-20.00					
Elem	1960/1	1960/2								
Units	ppb	ppb								
Avge	.0512	-3.223								
SDev	1.744	.738								
%RSD	3406.	22.89								
#1	-1.182	-2.701								
#2	1.285	-3.744								
Errors	NOCHECK	NOCHECK								
High										
Low										
IntStd	1	2	3	4	5	6	7			
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED			
Elem	Y	--	--	--	--	--	--			
Wavlen	371.030	--	--	--	--	--	--			
Avge	1137	--	--	--	--	--	--			
SDev	.7969625	--	--	--	--	--	--			
%RSD	.0700861	--	--	--	--	--	--			
#1	1137	--	--	--	--	--	--			
#2	1138	--	--	--	--	--	--			

Method:	SW846	Sample Name: 460-33104-D-4-D			Operator:					
Run Time:	11/12/11 06:07:44									
Comment:										
Mode:	CONC	Corr. Factor: 1								
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	-174.6	.2927	-2.203	256.3	-.2063	-.3239	12530.			
SDev	4.5	.1552	.509	.4	.0190	.0125	65.			
%RSD	2.576	53.01	23.12	.1578	9.230	3.868	.5174			
#1	-177.8	.4025	-1.842	256.6	-.1929	-.3151	12580.			
#2	-171.4	.1830	-2.563	256.0	-.2198	-.3328	12490.			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.			
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0			
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316			
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb			
Avge	-1.117	2.078	-.8235	928.0	4341.	1421.	.6882			
SDev	.205	.164	.1075	9.5	19.	7.	.4543			
%RSD	18.31	7.867	13.05	1.024	.4263	.5239	66.01			
#1	-1.262	1.963	-.8995	934.7	4354.	1427.	1.009			
#2	-.9724	2.194	-.7475	921.3	4328.	1416.	.3670			
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass			

High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2257.	.3454	-1.025	.0248	113000.	1.496	.1739
SDev	10.	.3035	.047	2.114	114.	1.508	.1394
%RSD	.4239	87.87	4.580	8532.	.1010	100.8	80.15
#1	2263.	.5601	-1.058	1.519	113100.	2.562	.0754
#2	2250.	.1308	-.9919	-1.470	112900.	.4294	.2725
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Report				11/12/11 06:13:50 AM		page 117	

Analysis

Avge	4.782	5.625	-.0237	-1.164	-.7069	-1.205	-.9380
SDev	.025	.187	.2615	.758	.0237	1.126	.6344
%RSD	.5279	3.328	1104.	65.15	3.348	93.47	67.64
#1	4.800	5.757	-.2086	-.6277	-.6902	-.4085	-1.387
#2	4.764	5.493	.1612	-1.700	-.7236	-2.001	-.4894
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-1.137	.5957					
SDev	5.552	.3976					
%RSD	488.2	66.74					
#1	2.788	.8768					
#2	-5.063	.3146					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1139	--	--	--	--	--	--
SDev	3.430141	--	--	--	--	--	--
%RSD	.3011848	--	--	--	--	--	--
#1	1136	--	--	--	--	--	--
#2	1141	--	--	--	--	--	--

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Method: SW846 Sample Name: 460-33104-D-5-D Operator:
 Run Time: 11/12/11 06:13:54
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-169.2	-1.211	.0410	298.6	-.2417	-.4296	72050.
SDev	4.6	2.323	.9382	1.2	.0627	.0035	336.
%RSD	2.742	191.9	2290.	.4063	25.93	.8155	.4657
#1	-172.5	.4319	-.6224	297.8	-.1974	-.4321	71810.
#2	-165.9	-2.854	.7044	299.5	-.2860	-.4272	72280.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316

Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9174	68.95	-.4247	1136.	19230.	H18300.	6.373
SDev	.1010	.26	.0249	9.	4.	56.	.199
%RSD	11.01	.3803	5.867	.8061	.0215	.3065	3.129
#1	-.8460	68.77	-.4423	1129.	19230.	H18260.	6.514
#2	-.9888	69.14	-.4071	1142.	19240.	H18340.	6.232
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4182.	1.666	-.1132	-.5710	90450.	-7.395	.1539
SDev	24.	.323	.9987	.4769	63.	1.074	.2127
%RSD	.5660	19.42	882.4	83.53	.0694	14.52	138.3
#1	4166.	1.895	.5930	-.2337	90490.	-8.154	.0034
#2	4199.	1.437	-.8193	-.9082	90400.	-6.635	.3043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	4.462	103.2	6.177	-2.045	-.9765	2.970	-1.656
SDev	.191	.3	.860	1.482	.0560	1.625	.686
%RSD	4.274	.2801	13.92	72.49	5.739	54.70	41.42
#1	4.596	103.5	5.569	-3.093	-.9369	4.119	-1.171
#2	4.327	103.0	6.785	-.9966	-1.016	1.821	-2.142
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2	Analysis Report				11/12/11 06:20:00
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Units	ppb	ppb					
Avge	-5.954	2.107					
SDev	2.107	1.767					
%RSD	35.38	83.84					
#1	-7.444	3.357					
#2	-4.464	.8581					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1147	--	--	--	--	--	--
SDev	4.365642	--	--	--	--	--	--
%RSD	.3806004	--	--	--	--	--	--
#1	1150	--	--	--	--	--	--
#2	1144	--	--	--	--	--	--

Method: SW846		Sample Name: 460-33104-D-6-D			Operator:		
Run Time: 11/12/11 06:20:04							
Comment:							
Mode: CONC		Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-164.6	-.3157	-.1406	1028.	-.2881	-1.253	113100.
SDev	1.0	.9079	1.4995	.	.0088	.023	208.
%RSD	.6200	287.6	1066.	.0172	3.049	1.870	.1843

#1	-163.9	.3263	-1.201	1028.	-.2819	-1.236	112900.
#2	-165.3	-.9577	.9197	1028.	-.2943	-1.269	113200.

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.568	-.0611	2.513	47550.	141200.	3226.	3.127
SDev	.320	.5256	.658	23.	422.	11.	.200
%RSD	12.45	859.6	26.17	.0482	.2988	.3271	6.407

#1	-2.342	.3105	2.048	47530.	140900.	3219.	2.986
#2	-2.794	-.4328	2.978	47560.	141500.	3233.	3.269

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2720.	.8638	1.286	.8820	H256600.	-2.226	-.0034
SDev	5.	.3113	.325	2.347	609.	.616	.2158
%RSD	.1978	36.03	25.31	266.1	.2374	27.70	6399.

#1	2724.	1.084	1.056	2.542	H256200.	-2.662	.1492
#2	2716.	.6438	1.516	-.7778	H257100.	-1.790	-.1560

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	22.50	9.777	.4557	1.899	-1.231	3.943	-.0448
SDev	.09	.012	.2514	1.076	.028	.737	.8559
%RSD	.4212	.1245	55.16	56.68	2.264	18.70	1911.

#1	22.43	9.768	.6335	2.660	-1.211	4.464	-.6500
#2	22.57	9.785	.2780	1.138	-1.250	3.421	.5604

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.594	.0177
SDev	4.401	1.322
%RSD	169.7	7465.

#1	5.706	.9524
#2	-.5180	-.9170

Errors	NOCHECK	NOCHECK
High		
Low		

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IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1102	--	--	--	--	--	--
SDev	.7622632	--	--	--	--	--	--
%RSD	.0691703	--	--	--	--	--	--
#1	1103	--	--	--	--	--	--
#2	1101	--	--	--	--	--	--

Method: SW846
 Sample Name: 460-33104-D-7-D
 Operator:

Run Time: 11/12/11 06:26:13
 Comment:
 Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-172.0	-1.513	-.7943	854.9	-.2480	-.9546	111200.
SDev	1.3	2.940	.9862	3.8	.0284	.0941	287.
%RSD	.7384	194.4	124.2	.4434	11.47	9.859	.2583
#1	-172.9	.5662	-.0970	857.6	-.2279	-1.021	111400.
#2	-171.2	-3.592	-1.492	852.2	-.2681	-.8881	111000.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-2.117	.1492	.2726	41150.	143900.	3147.	2.781
SDev	.144	.0883	.2810	108.	745.	9.	.656
%RSD	6.822	59.19	103.1	.2629	.5175	.2913	23.58
#1	-2.219	.0868	.4713	41230.	144400.	3154.	3.245
#2	-2.015	.2117	.0739	41080.	143400.	3141.	2.317

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2546.	.3804	1.735	4.939	H259000.	-.6635	-.0377
SDev	1.	.0145	.081	1.201	1003.	.4480	.2190
%RSD	.0545	3.806	4.665	24.31	.3873	67.52	581.6
#1	2547.	.3906	1.678	4.090	H259700.	-.9803	-.1925
#2	2545.	.3702	1.792	5.788	H258300.	-.3467	.1172
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC High	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	18.23	9.511	.2948	-.2179	-1.127	4.241	.4795
SDev	.18	.790	.4121	2.8803	.030	2.100	1.170
%RSD	.9711	8.307	139.8	1322.	2.695	49.52	243.9
#1	18.11	10.07	.0034	1.819	-1.148	5.726	-.3476
#2	18.36	8.953	.5862	-2.255	-1.105	2.756	1.307
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5.787	4.507					
SDev	3.194	3.395					
%RSD	55.19	75.32					
#1	8.045	2.106					
#2	3.528	6.907					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--

Avge	1093	--	--	--	--	--	--
SDev	2.771803	--	--	--	--	--	--
%RSD	.2536655	--	--	--	--	--	--
#1	1091	--	--	--	--	--	--
#2	1095	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33104-D-8-D Operator:
Run Time: 11/12/11 06:32:23
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-155.9	-.9108	-1.793	139.6	-.0874	-.0529	62590.
SDev	11.9	.9622	1.325	1.1	.0346	.1012	10.
%RSD	7.664	105.6	73.90	.7543	39.58	191.2	.0153
#1	-164.4	-1.591	-.8562	140.4	-.1118	-.1245	62580.
#2	-147.5	-.2305	-2.731	138.9	-.0629	.0186	62600.

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0

Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9071	30.73	.0789	-9.443	35780.	1397.	28.91
SDev	.3141	.67	.1365	6.804	68.	.	.40
%RSD	34.63	2.168	173.0	72.06	.1898	.0225	1.380
#1	-1.129	30.26	.1755	-14.25	35820.	1397.	29.19
#2	-.6850	31.20	-.0176	-4.632	35730.	1397.	28.63

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00

Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	5222.	.1654	.4168	1.085	72550.	-1.718	-.1299
SDev	17.	.0662	.4592	.345	23.	3.924	.2137
%RSD	.3204	40.02	110.2	31.78	.0311	228.4	164.5
#1	5234.	.2122	.0921	.8412	72530.	1.056	.0212
#2	5210.	.1186	.7416	1.329	72560.	-4.493	-.2810

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Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00

Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	46.23	69.61	-.0745	1.621	-1.091	2.827	-.7876
SDev	.33	.57	.0438	.056	.055	.114	.6316
%RSD	.7186	.8169	58.84	3.448	5.027	4.030	80.19
#1	45.99	69.21	-.1055	1.660	-1.130	2.746	-1.234
#2	46.46	70.01	-.0435	1.581	-1.052	2.907	-.3410

Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		

Elem	1960/1	1960/2
Units	ppb	ppb
Avge	2.006	.6160
SDev	1.709	1.370
%RSD	85.22	222.5
#1	3.214	-.3531
#2	.7970	1.585

Errors High Low	NOCHECK	NOCHECK					
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1108	--	--	--	--	--	--
SDev	1.108739	--	--	--	--	--	--
%RSD	.1000412	--	--	--	--	--	--
#1	1107	--	--	--	--	--	--
#2	1109	--	--	--	--	--	--

Method:	SW846	Sample Name: 460-32800-A-4-C			Operator:		
Run Time:	11/12/11	06:38:32					
Comment:							
Mode:	CONC	Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-149.8	-.9625	13.53	47.51	-.1803	-.5588	24900.
SDev	17.3	.7304	.28	.16	.0115	.2073	22.
%RSD	11.55	75.88	2.061	.3410	6.396	37.10	.0867
#1	-162.0	-.4460	13.72	47.62	-.1885	-.4122	24910.
#2	-137.6	-1.479	13.33	47.39	-.1722	-.7055	24880.
Errors High Low	LC Pass 250000. -200.0	LC Pass 2000. -10.00	LC Pass 10000. -10.00	LC Pass 20000. -20.00	LC Pass 2000. -5.000	LC Pass 5000. -5.000	LC Pass 250000. -500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.7922	-.6457	-.3390	15150.	8551.	273.7	1.004
SDev	.2719	.1674	.6332	26.	1.	.4	.166
%RSD	34.33	25.93	186.8	.1696	.0060	.1518	16.56
#1	-.9844	-.7640	-.7868	15160.	8552.	273.4	.8863
#2	-.5999	-.5273	.1088	15130.	8551.	274.0	1.121
Errors High Low	LC Pass 10000. -10.00	LC Pass 5000. -10.00	LC Pass 25000. -10.00	LC Pass 200000. -150.0	LC Pass 250000. -500.0	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	6473.	.1871	1.473	-.1514	48810.	2.353	1.098
SDev	7.	.2811	.147	2.1474	133.	1.178	.275
%RSD	.1054	150.3	9.967	1419.	.2729	50.06	25.07
#1	6468.	-.0117	1.369	-1.670	48900.	3.185	.9036
#2	6477.	.3858	1.577	1.367	48710.	1.520	1.293
Errors High Low	LC Pass 100000. -1000.	LC Pass 2500. -10.00	LC Pass 20000. -5.000	LC Pass 10000. -5.000	LC Pass 250000. -1000.	LC Pass 10000. -10.00	LC Pass 5000. -10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	1.902	110.8	5.919	2.456	-.5357	1.332	1.539
SDev	.745	1.1	.476	1.062	.0009	2.071	.814
%RSD	39.14	1.032	8.045	43.24	.1610	155.4	52.86
#1	1.376	110.0	6.256	1.705	-.5351	-.1318	2.115
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#2	2.429	111.6	5.582	3.207	-.5363	2.797	.9638
Errors High Low	LC Pass 5000. -30.00	LC Pass 2000. -10.00	LC Pass 5000. -10.00	LC Pass 2000. -10.00	LC Pass 20000. -10.00	NOCHECK	NOCHECK

Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.3902	-.0413					
SDev	2.2106	2.1159					
%RSD	566.5	5129.					
#1	-1.953	-1.537					
#2	1.173	1.455					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1148	--	--	--	--	--	--
SDev	1.385902	--	--	--	--	--	--
%RSD	.1207673	--	--	--	--	--	--
#1	1149	--	--	--	--	--	--
#2	1147	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-D-2-D Operator:
Run Time: 11/12/11 06:44:42
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	Analysis
Report				11/12/11 06:50:47 AM		page 133		
Avge	-165.4	-.6750	-2.625	-.9058	-.2113	-.0468	32.49	
SDev	3.7	2.4591	.267	.0738	.0173	.1133	2.26	
%RSD	2.252	364.3	10.16	8.146	8.207	242.0	6.959	
#1	-168.0	1.064	-2.813	-.9580	-.1990	.0333	30.90	
#2	-162.8	-2.414	-2.436	-.8536	-.2235	-.1270	34.09	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.	
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0	
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-.6479	-.4638	-.3702	-10.40	.8554	-.6235	.2786	
SDev	.3108	.4211	.0398	2.51	1.244	.0015	.6896	
%RSD	47.97	90.78	10.75	24.15	145.4	.2342	247.5	
#1	-.8677	-.7616	-.3983	-8.620	1.735	-.6246	-.2090	
#2	-.4281	-.1661	-.3420	-12.17	-.0239	-.6225	.7662	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.	
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00	
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	-1.029	.1278	1.002	-1.997	19.59	.6125	.2539	
SDev	4.881	.4960	1.093	.944	14.30	1.793	.0640	
%RSD	474.2	388.2	109.1	47.29	73.03	292.8	25.20	
#1	-4.481	-.2230	.2289	-1.329	29.70	-.6556	.2992	
#2	2.422	.4785	1.774	-2.665	9.471	1.881	.2087	
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.	
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00	
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2	
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb	
Avge	1.424	3.811	-1.154	.0139	-.7635	4.207	-.6014	
SDev	.031	.189	.417	.5324	.0054	1.550	.8664	
%RSD	2.148	4.954	36.16	3821.	.7110	36.84	144.1	

#1	1.403	3.677	-1.449	.3904	-.7596	3.111	-1.214
#2	1.446	3.944	-.8586	-.3626	-.7673	5.303	.0112
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	.5398	-3.273					
SDev	.6339	1.732					
%RSD	117.4	52.93					
#1	.0916	-2.048	Analysis Report			11/12/11 06:50:47	
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#2	.9881	-4.497					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1138	--	--	--	--	--	--
SDev	6.860369	--	--	--	--	--	--
%RSD	.6030648	--	--	--	--	--	--
#1	1142	--	--	--	--	--	--
#2	1133	--	--	--	--	--	--

Method: SW846 Sample Name: 460-33168-D-3-D Operator:
Run Time: 11/12/11 06:50:51
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	130.4	-1.090	4.792	102.1	-.2390	-.3248	90870.
SDev	9.2	.104	.272	1.2	.0200	.1906	1201.
%RSD	7.029	9.583	5.665	1.166	8.351	58.67	1.321
#1	124.0	-1.164	4.984	101.2	-.2249	-.4596	90030.
#2	136.9	-1.016	4.600	102.9	-.2531	-.1901	91720.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-1.724	-.9215	-.1953	-4.034	156.4	-.4045	20.28
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SDev	.077	.3366	.3373	.586	6.3	.1352	.16
%RSD	4.486	36.52	172.6	14.53	4.005	33.42	.7974
#1	-1.669	-1.160	-.4338	-4.449	152.0	-.5001	20.40
#2	-1.779	-.6835	.0431	-3.620	160.9	-.3089	20.17
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.
Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	7953.	.0452	.4434	-.2205	235700.	1.395	13.32
SDev	110.	.5317	.0780	1.2474	2115.	3.905	.30
%RSD	1.380	1176.	17.60	565.7	.8972	280.0	2.216
#1	7876.	-.3308	.3882	.6616	234200.	-1.366	13.11

#2	8031.	.4212	.4986	-1.103	237200.	4.156	13.53
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	100000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	2.366	14.43	17.60	-.3628	-1.033	1.279	.0222
SDev	.007	.25	.30	.1996	.121	.022	.1059
%RSD	.3124	1.711	1.705	55.02	11.70	1.732	476.3
#1	2.372	14.61	17.82	-.5039	-1.118	1.263	-.0526
#2	2.361	14.26	17.39	-.2216	-.9471	1.294	.0971
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-3.313	1.314					
SDev	.140	1.940					
%RSD	4.216	147.6					
#1	-3.412	2.686					
#2	-3.215	-.0576					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1109	--	--	--	--	--	--
SDev	12.81985	--	--	--	--	--	--
%RSD	1.156476	--	--	--	--	--	--
Report							

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#1	1118	--	--	--	--	--	--
#2	1099	--	--	--	--	--	--

Method:	SW846	Sample Name: 460-33168-D-4-D			Operator:		
Run Time:	11/12/11 06:57:00						
Comment:							
Mode:	CONC	Corr. Factor: 1					
Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-99.46	-1.869	-.9157	82.31	.6868	-.1611	13880.
SDev	.63	1.009	1.0432	1.54	.0056	.0420	274.
%RSD	.6350	53.99	113.9	1.873	.8155	26.07	1.972
#1	-99.01	-1.155	-1.653	83.40	.6907	-.1314	14070.
#2	-99.91	-2.582	-.1781	81.22	.6828	-.1908	13690.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	250000.	2000.	10000.	20000.	2000.	5000.	250000.
Low	-200.0	-10.00	-10.00	-20.00	-5.000	-5.000	-500.0
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.1991	20.00	2.414	-2.517	7764.	236.2	17.63
SDev	.0773	.07	.150	8.835	163.	5.0	.32
%RSD	38.83	.3468	6.194	351.0	2.101	2.104	1.804
#1	.1444	20.05	2.520	-8.765	7880.	239.7	17.85
#2	.2538	19.95	2.308	3.731	7649.	232.7	17.40
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	5000.	25000.	200000.	250000.	10000.	5000.

Low	-10.00	-10.00	-10.00	-150.0	-500.0	-10.00	-10.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	844.6	.5754	-.0028	.1308	24920.	-3.083	.1911
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SDev	38.0	.4705	.4336	1.184	438.	5.700	.2693
%RSD	4.500	81.77	15760.	904.9	1.757	184.9	140.9
#1	871.5	.2427	-.3094	.9680	25230.	-7.114	.0007
#2	817.7	.9081	.3039	-.7064	24610.	.9475	.3816
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10000.	2500.	20000.	10000.	250000.	10000.	5000.
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-10.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	43.49	6.116	-1.366	.3524	-.7226	-.5115	.2486
SDev	1.11	.075	.870	.5106	.0120	1.0292	1.166
%RSD	2.559	1.225	63.69	144.9	1.662	201.2	468.8
#1	44.27	6.063	-1.982	.7135	-.7141	.2163	-.5757
#2	42.70	6.169	-.7509	-.0086	-.7311	-1.239	1.073
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	5000.	2000.	5000.	2000.	20000.		
Low	-30.00	-10.00	-10.00	-10.00	-10.00		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	-.4263	.4000					
SDev	1.4552	1.048					
%RSD	341.4	262.1					
#1	.6027	1.141					
#2	-1.455	-.3414					
Errors	NOCHECK	NOCHECK					
High							
Low							

IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1168	--	--	--	--	--	--
SDev	18.60609	--	--	--	--	--	--
%RSD	1.593204	--	--	--	--	--	--
#1	1155	--	--	--	--	--	--
#2	1181	--	--	--	--	--	--

Method: SW846 Sample Name: CCV 1200071 Operator:

Run Time: 11/12/11 07:03:10

Comment:

Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	126300.	1048.	5233.	10260.	1056.	2596.	131500.
SDev	244.	4.	4.	12.	2.	4.	339.
%RSD	.1931	.3948	.0782	.1135	.2214	.1671	.2580
#1	126500.	1051.	5236.	10270.	1055.	2592.	131300.
#2	126100.	1045.	5230.	10250.	1058.	2599.	131700.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	138000.	1104.	5520.	11040.	1104.	2760.	138000.
Low	112000.	896.0	4478.	8960.	896.0	2239.	112000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb

Avge	5219.	2608.	12530.	104500.	125900.	5174.	2589.
SDev	8.	2.	28.	159.	205.	8.	8.
%RSD	.1560	.0748	.2252	.1523	.1626	.1595	.2977
#1	5214.	2607.	12550.	104300.	126000.	5169.	2584.
#2	5225.	2610.	12510.	104600.	125700.	5180.	2595.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	5520.	2760.	13800.	110400.	138000.	5522.	2760.
Low	4478.	2239.	11200.	89560.	112000.	4478.	2239.
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	49000.	1276.	10290.	5150.	123500.	5138.	2547.
SDev	43.	1.	13.	1.	414.	16.	4.
%RSD	.0872	.0931	.1300	.0231	.3352	.3095	.1483
#1	49030.	1275.	10280.	5151.	123800.	5127.	2544.
#2	48970.	1277.	10300.	5149.	123200.	5149.	2550.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	55200.	1380.	11040.	5522.	138000.	5522.	2760.
Low	44780.	1120.	8956.	4478.	112000.	4478.	2239.
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
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Avge	2591.	1019.	2582.	1048.	10220.	10250.	10300.
SDev	14.	3.	6.	2.	6.	3.	19.
%RSD	.5225	.2895	.2434	.2310	.0549	.0259	.1817
#1	2582.	1017.	2578.	1046.	10220.	10250.	10290.
#2	2601.	1021.	2587.	1050.	10230.	10250.	10320.
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	2760.	1104.	2760.	1104.	11040.		
Low	2239.	896.0	2239.	896.0	8960.		
Elem	1960/1	1960/2					
Units	ppb	ppb					
Avge	5097.	5176.					
SDev	1.	2.					
%RSD	.0099	.0393					
#1	5097.	5178.					
#2	5098.	5175.					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1086	--	--	--	--	--	--
SDev	1.905615	--	--	--	--	--	--
%RSD	.1754770	--	--	--	--	--	--
#1	1085	--	--	--	--	--	--
#2	1087	--	--	--	--	--	--

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Method: SW846 Sample Name: CCB Operator:
Run Time: 11/12/11 07:09:20
Comment:
Mode: CONC Corr. Factor: 1

Elem	Al3082	Sb2068	As1890	Ba4934	Be3130	Cd2265	Ca3179
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-98.66	.4644	-.3075	-.8536	-.1717	-.2308	-9.688
SDev	5.58	.2328	.2039	.0000	.0074	.0215	2.325
%RSD	5.657	50.12	66.32	.0000	4.297	9.313	24.00

#1	-102.6	.2998	-.1633	-.8536	-.1769	-.2460	-11.33
#2	-94.71	.6290	-.4516	-.8536	-.1664	-.2156	-8.043
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	200.0	10.00	5.000	200.0	2.000	4.000	1000.
Low	-200.0	-10.00	-5.000	-200.0	-2.000	-4.000	-1000.
Elem	Cr2677	Co2286	Cu3247	Fe2714	Mg3832	Mn2576	Ni2316
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-.9905	-.4574	-.5607	-8.590	6.043	-.4510	.7255
SDev	.1005	.2497	.6286	5.951	4.710	.0835	.0459
%RSD	10.14	54.59	112.1	69.28	77.94	18.52	6.320
#1	-.9194	-.6340	-1.005	-12.80	2.712	-.5100	.6931
#2	-1.062	-.2808	-.1163	-4.382	9.373	-.3919	.7580
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	10.00	50.00	25.00	150.0	1000.	15.00	40.00
Low	-10.00	-50.00	-25.00	-150.0	-1000.	-15.00	-40.00
Elem	K_7664	Ag3280	Pb2203	Se1960	Na3302	Tl1908	V_2924
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	-13.42	.0720	-.9910	-1.250	-166.8	2.927	.3574
SDev	1.38	.2427	.1278	.173	4.4	3.125	.3383
%RSD	10.29	336.9	12.90	13.82	2.625	106.8	94.66
#1	-12.45	-.0996	-1.081	-1.128	-163.7	5.137	.1182
#2	-14.40	.2436	-.9006	-1.372	-169.8	.7174	.5967
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass
High	1000.	10.00	5.000	5.000	1000.	10.00	50.00
Low	-1000.	-10.00	-5.000	-5.000	-1000.	-10.00	-50.00
Elem	Zn2062	B_2496	Mo2020	Sn1899	Ti3349	2203/1	2203/2
Units	ppb	ppb	ppb	ppb	ppb	ppb	ppb
Avge	.0499	.8814	1.051	-1.942	-.3307	.3183	-1.647
SDev	.5084	.7812	.534	1.220	.1282	4.042	2.212
%RSD	1018.	88.64	50.80	62.84	38.76	1270.	134.3
#1	.4094	1.434	1.429	-1.079	-.4214	3.177	-3.211
#2	-.3096	.3290	.6738	-2.805	-.2401	-2.540	-.0834
Errors	LC Pass	LC Pass	LC Pass	LC Pass	LC Pass	NOCHECK	NOCHECK
High	30.00	50.00	20.00	50.00	20.00		
Low	-30.00	-50.00	-20.00	-50.00	-20.00		
Elem	1960/1	1960/2	Analysis Report				11/12/11 07:15:26
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Units	ppb	ppb					
Avge	-1.796	-.9865					
SDev	3.793	1.6343					
%RSD	211.1	165.7					
#1	.8853	-2.142					
#2	-4.478	.1691					
Errors	NOCHECK	NOCHECK					
High							
Low							
IntStd	1	2	3	4	5	6	7
Mode	Counts	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED	NOTUSED
Elem	Y	--	--	--	--	--	--
Wavlen	371.030	--	--	--	--	--	--
Avge	1156	--	--	--	--	--	--
SDev	1.385902	--	--	--	--	--	--
%RSD	.1199275	--	--	--	--	--	--
#1	1157	--	--	--	--	--	--
#2	1155	--	--	--	--	--	--

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Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Standard: 1 Rep: 1				Seq: 11		12:53:55	04 Nov 11	HG	
Hg .000	ppb	3197							=
*** Standard: 2 Rep: 1				Seq: 12		12:55:50	04 Nov 11	HG	
Hg .100	ppb	5779							=
*** Standard: 3 Rep: 1				Seq: 13		12:57:56	04 Nov 11	HG	
Hg 1.00	ppb	41386							=
*** Standard: 4 Rep: 1				Seq: 14		12:59:43	04 Nov 11	HG	
Hg 2.00	ppb	80030							=
*** Standard: 5 Rep: 1				Seq: 15		13:01:58	04 Nov 11	HG	
Hg 5.00	ppb	186432							=
*** Standard: 6 Rep: 1				Seq: 16		13:03:53	04 Nov 11	HG	
Hg 10.0	ppb	372585							=
*** Check Standard: 3 Ck3AICV				Seq: 17		13:05:39	04 Nov 11	HG	
Line Flag %Rcv. Found True				Units		SD/RSD			
Hg		99.4	4.97	5.00	ppb	.000			=
*** Check Standard: 1 Ck1ICB/CCB				Seq: 18		13:07:26	04 Nov 11	HG	
Line Flag Found Range(+/-) Units						SD/RSD			
Hg		-.068	.200	ppb		.000			=
*** Check Standard: 4 Ck4QCS				Seq: 19		13:09:13	04 Nov 11	HG	
Line Flag %Rcv. Found True				Units		SD/RSD			
Hg		99.1	4.95	5.00	ppb	.000			=
*** Sample ID:				Seq: 20		13:10:57	04 Nov 11	HG	
			mc l						
Hg 1.97	ppb	.000	1.97						=
*** Sample ID:				Seq: 21		13:12:51	04 Nov 11	HG	
			MB 460-91875/1-A						
Hg .026	ppb	.000	.026						=
*** Sample ID:				Seq: 22		13:15:08	04 Nov 11	HG	
			LCS 460-91875/2-A						
Hg .971	ppb	.000	.971						=

Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Sample ID:				Seq: 23		13:17:02	04 Nov 11	HG	
			460-33168-E-1-A						
Hg -.034	ppb	.000	.034						=

*** Sample ID:		Seq: 24	13:18:51	04 Nov 11	HG
	460-33168-B-1-A DU				
Hg	.031 ppb	.000 .031			=
*** Sample ID:		Seq: 25	13:20:35	04 Nov 11	HG
	460-33168-E-1-B MS				
Hg	1.01 ppb	.000 1.01			=
*** Sample ID:		Seq: 26	13:22:24	04 Nov 11	HG
	460-33217-G-1-A				
Hg	-.008 ppb	.000 -.008			=
*** Sample ID:		Seq: 27	13:24:10	04 Nov 11	HG
	460-33157-D-1-A				
Hg	.021 ppb	.000 .021			=
*** Sample ID:		Seq: 28	13:25:56	04 Nov 11	HG
	460-33157-D-2-A				
Hg	.038 ppb	.000 .038			=
*** Check Standard: 2	Ck2ACCV	Seq: 29	13:27:47	04 Nov 11	HG
Line Flag %Rcv. Found True Units SD/RSD					
Hg	103. 5.14 5.00 ppb .000				=
*** Check Standard: 1	Ck1ICB/CCB	Seq: 30	13:29:30	04 Nov 11	HG
Line Flag Found Range(+/-) Units SD/RSD					
Hg	-.058 .200 ppb .000				=
*** Sample ID:		Seq: 31	13:31:24	04 Nov 11	HG
	460-33136-A-4-A				
Hg	-.003 ppb	.000 -.003			=
*** Sample ID:		Seq: 32	13:33:13	04 Nov 11	HG
	460-33104-E-1-A				
Hg	-.042 ppb	.000 -.042			=
*** Sample ID:		Seq: 33	13:34:57	04 Nov 11	HG
	460-33104-E-2-A				
Hg	-.045 ppb	.000 -.045			=
*** Sample ID:		Seq: 34	13:36:41	04 Nov 11	HG
	460-33104-E-3-A				
Hg	-.004 ppb	.000 -.004			=

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	-.029	ppb	.000	-.029				=
*** Sample ID:								
Hg	-.008	ppb	.000	-.008				=
*** Sample ID:								
Hg	-.013	ppb	.000	-.013				=
*** Sample ID:								
Hg								=

Hg - .013 ppb .000 - .013

*** Sample ID: 460-33104-E-8-A Seq: 39 13:46:17 04 Nov 11 HG

Hg - .001 ppb .000 - .001

*** Check Standard: 2 Ck2ACCV Seq: 40 13:48:01 04 Nov 11 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg	106.	5.28	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 41 13:49:56 04 Nov 11 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg	- .025	.200	ppb	.000

*** Sample ID: Seq: 42 13:51:42 04 Nov 11 HG

460-33168-E-2-A

Hg .023 ppb .000 .023

*** Sample ID: Seq: 43 13:53:32 04 Nov 11 HG

460-33168-E-3-A

Hg	- .037	ppb	.000	- .037

*** Sample ID: Seq: 44 13:55:29 04 Nov 11 HG

460-33168-E-4-A

Hg .008 ppb .000 .008

*** Sample ID: Seq: 45 13:57:38 04 Nov 11 HG

460-33121-I-1-A

Hg	- .000	ppb	.000	- .000

*** Sample ID: Seq: 46 13:59:22 04 Nov 11 HG

460-33121-I-2-A

Hg	2.40	ppb	.0000	2.40

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 14:01:07 04 Nov 11 HG

460-33121-I-3-A

Hg - .004 ppb .000 - .004

*** Sample ID: Seq: 48 14:02:54 04 Nov 11 HG

460-33121-I-4-A

Hg	.059	ppb	.000	.059

*** Sample ID: Seq: 49 14:05:10 04 Nov 11 HG

sd 460-33168-E-1-A@5

Hg	.052	ppb	.000	.052

*** Check Standard: 2 Ck2ACCV Seq: 50 14:06:59 04 Nov 11 HG

Line	Flag	%Rcv.	Found	True	Units	SD/RSD

Hg	104.	5.21	5.00	ppb	.000

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 14:09:07 04 Nov 11 HG

Line	Flag	Found	Range(+/-)	Units	SD/RSD

Hg	- .037	.200	ppb	.000

*** Sample ID: Seq: 52 14:11:01 04 Nov 11 HG

MB 460-91878/1-A

Hg .016 ppb .000 .016

*** Sample ID:		Seq: 53	14:13:12 04 Nov 11	HG	
	LCS 460-91878/2-A				
Hg	4.88 ppb	.000 4.88			=
*** Sample ID:		Seq: 54	14:14:56 04 Nov 11	HG	
	460-33145-A-6-C				
Hg	.025 ppb	.000 .025			=
*** Sample ID:		Seq: 55	14:16:56 04 Nov 11	HG	
	460-33145-A-6-D DU				
Hg	.076 ppb	.000 .076			=
*** Sample ID:		Seq: 56	14:18:41 04 Nov 11	HG	
	460-33145-A-6-E MS				
Hg	5.23 ppb	.000 5.23			=
*** Sample ID:		Seq: 57	14:20:37 04 Nov 11	HG	
	460-33059-A-1-I				
Hg	.078 ppb	.000 .078			=
*** Sample ID:		Seq: 58	14:22:48 04 Nov 11	HG	
	460-33079-A-1-C				
Hg	-.012 ppb	.000 -.012			=

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Line	Conc.	Units	SD/RSD	1	2	3	4	5	
*** Check Standard: 2	Ck2ACCV								
Line	Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg		101.	5.06	5.00	ppb	.000			=
*** Check Standard: 1	Ck1ICB/CCB								
Line	Flag	Found	Range(+/-)	Units	SD/RSD				
Hg		-.046	.200	ppb	.000				=
*** Sample ID:									
	460-32897-A-4-G								
Hg	.027 ppb	.000 .027							=
*** Sample ID:									
	460-32981-A-1-C								
Hg	.087 ppb	.000 .087							=
*** Sample ID:									
	460-33145-A-1-C								
Hg	.073 ppb	.000 .073							=
*** Sample ID:									
	460-33145-A-2-C								
Hg	.044 ppb	.000 .044							=
*** Sample ID:									
	460-33145-A-3-C								
Hg	.062 ppb	.000 .062							=
*** Sample ID:									
	460-33145-A-4-D								
Hg	.024 ppb	.000 .024							=
*** Sample ID:									
	460-33145-A-5-C								
Hg									=

Hg	.526	ppb	.000	.526

```

*** Check Standard: 2   Ck2ACCV      Seq: 68      14:41:34 04 Nov 11   HG
Line  Flag  %Rcv.   Found    True   Units   SD/RSD
Hg      102.     5.09    5.00    ppb     .000

```

*** Check Standard: 1 Ck1ICB/CCB Seq: 69 14:43:21 04 Nov 11 HG
 Line Flag Found Range(+/-) Units SD/RSD
 Hg -.057 .200 ppb .000

```
*** Sample ID:                               Seq: 70          14:45:25 04 Nov 11    HG
                                           460-33158-A-2-C
Hg      .021      ppb      .000      .021
```

```
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```

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

```

*** Sample ID:                               Seq: 71      14:47:11 04 Nov 11   HG
                                           460-33167-A-1-E
Hq      .053      ppb      .000      .053

```

```

*** Sample ID:                               Seq: 72          14:49:16 04 Nov 11    HG
                                           LB 460-91370/1-K
Hq      .174      ppb      .000      .174

```

```

*** Sample ID:                               Seq: 73          14:51:04 04 Nov 11    HG
                                           LB 460-91500/1-G
Hq    -.007      ppb      .000      -.007

```

```

*** Sample ID:                               Seq: 74      14:52:49 04 Nov 11   HG
                                           LB 460-91654/1-C
Hq      .068      ppb      .000      .068

```

```

*** Sample ID:                               Seq: 75          14:54:45 04 Nov 11    HG
                                           LB 460-91803/1-C
Hq      .059      ppb      .000      .059

```

```

*** Sample ID:                               Seq: 76          14:56:42 04 Nov 11    HG
                                           LCSD 460-91878/21-A
Hq      4.87      ppb      .000      4.87

```

```

*** Sample ID:                               Seq: 77          14:58:34 04 Nov 11    HG
                                           LB 460-91370/1-K
Hq      .103      ppb      .000      .103

```

```
*** Sample ID:                               Seq: 78          15:00:19 04 Nov 11   HG
                                     sd 460-33145-A-6-C@5
Hq      .057      ppb      .000      .057
```

```

*** Check Standard: 2   Ck2ACCV      Seq: 79      15:02:08 04 Nov 11   HG
Line  Flag  %Rcv.   Found    True   Units   SD/RSD
Hg      100.     5.00    5.00    ppb     .000

```

```

*** Check Standard: 1  Ck1ICB/CCB      Seq: 80      15:03:57 04 Nov 11  HG
Line  Flag  Found Range(+/-) Units      SD/RSD
Hg      - .037   .200      ppb      .000

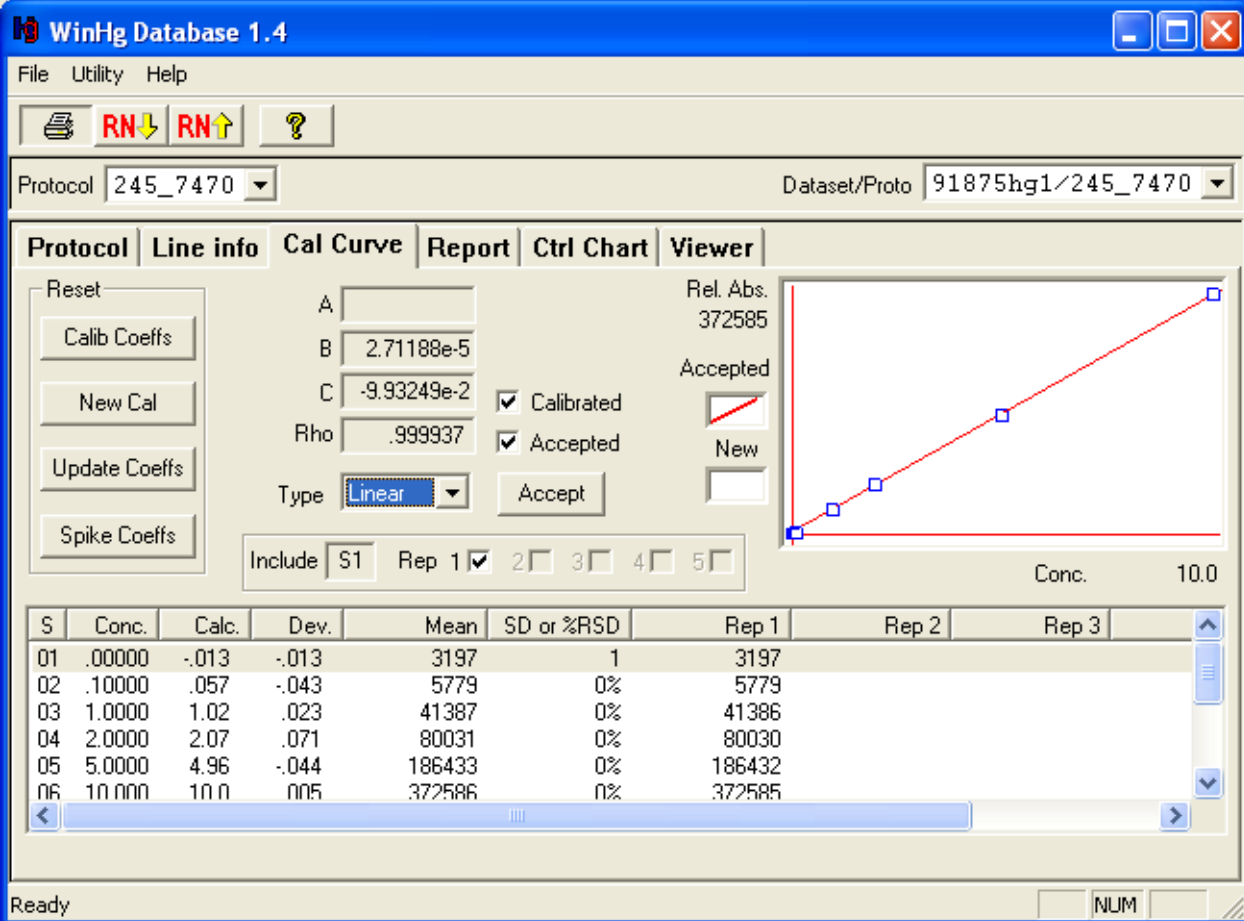
```

*** Sample ID: Seq: 81 15:05:55 04 Nov 11 HG
MB 460-91882/1-A
Hq .043 ppb .000 043
Rep 3545 of 1570

```

*** Sample ID:                               Seq: 82      15:07:49 04 Nov 11   HG
                                LCS 460-91882/2-A
Hg      4.70      ppb      .000      4.70
                                Folder: 91875hg1
                                Protocol: 245_7470
                                ***POST-RUN REPORT***
Line   Conc.   Units   SD/RSD      1      2      3      4      5
-----
*** Sample ID:                               Seq: 83      15:09:37 04 Nov 11   HG
                                460-31340-A-14-B
Hg      -.022     ppb      .000      -.022
*** Sample ID:                               Seq: 84      15:11:22 04 Nov 11   HG
                                460-31340-A-14-C DU
Hg      -.027     ppb      .000      -.027
*** Sample ID:                               Seq: 85      15:13:06 04 Nov 11   HG
                                460-31340-A-14-D MS
Hg      4.63      ppb      .000      4.63
*** Sample ID:                               Seq: 86      15:14:51 04 Nov 11   HG
                                LB 460-91804/1-B
Hg      -.058     ppb      .000      -.058
=====
*** Sample ID: sd 460-313                     Seq: 87      15:16:38 04 Nov 11   HG
                                40-A-14-B@5
Hg      .030      ppb      .000      .030
*** Check Standard: 2 Ck2ACCV                Seq: 88      15:18:22 04 Nov 11   HG
Line   Flag   %Rcv.   Found   True   Units   SD/RSD
Hg      101.    5.05    5.00    ppb      .000
*** Check Standard: 1 Ck1ICB/CCB            Seq: 89      15:20:28 04 Nov 11   HG
Line   Flag   Found Range(+/-) Units   SD/RSD
Hg      .003    .200      ppb      .000

```



Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Standard:	1 Rep: 1		Seq: 11		12:53:55	04 Nov 11	HG
Hg	.000	ppb	3197					
		Bkgd 1	7078564					
***	Standard:	2 Rep: 1		Seq: 12		12:55:50	04 Nov 11	HG
Hg	.100	ppb	5779					
		Bkgd 1	7077410					
***	Standard:	3 Rep: 1		Seq: 13		12:57:56	04 Nov 11	HG
Hg	1.00	ppb	41386					
		Bkgd 1	7076929					
***	Standard:	4 Rep: 1		Seq: 14		12:59:43	04 Nov 11	HG
Hg	2.00	ppb	80030					
		Bkgd 1	7074917					
***	Standard:	5 Rep: 1		Seq: 15		13:01:58	04 Nov 11	HG
Hg	5.00	ppb	186432					
		Bkgd 1	7075229					
***	Standard:	6 Rep: 1		Seq: 16		13:03:53	04 Nov 11	HG
Hg	10.0	ppb	372585					
		Bkgd 1	7075472					
***	Check Standard:	3	Ck3AICV	Seq: 17		13:05:39	04 Nov 11	HG
Line	Flag		Intensities					
Hg			187000					
		Bkgd 1	7071171					
***	Check Standard:	1	Ck1ICB/CCB	Seq: 18		13:07:26	04 Nov 11	HG
Line	Flag		Intensities					
Hg			1165					
		Bkgd 1	7073329					
***	Check Standard:	4	Ck4QCS	Seq: 19		13:09:13	04 Nov 11	HG
Line	Flag		Intensities					
Hg			186316					
		Bkgd 1	7075791					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:			Seq: 20		13:10:57	04 Nov 11	HG
			mc l					
Hg	1.97	ppb	76183					
		Bkgd 1	7074206					
***	Sample ID:			Seq: 21		13:12:51	04 Nov 11	HG

Hg	.026	ppb	4613					
		Bkgd 1	7075766					
***	Sample ID:			Seq: 22	13:15:08	04 Nov 11	HG	
			LCS 460-91875/2-A					
Hg	.971	ppb	39468					
		Bkgd 1	7075587					
***	Sample ID:			Seq: 23	13:17:02	04 Nov 11	HG	
			460-33168-E-1-A					
Hg	-.034	ppb	2425					
		Bkgd 1	7075960					
***	Sample ID:			Seq: 24	13:18:51	04 Nov 11	HG	
			460-33168-B-1-A DU					
Hg	.031	ppb	4813					
		Bkgd 1	7075655					
***	Sample ID:			Seq: 25	13:20:35	04 Nov 11	HG	
			460-33168-E-1-B MS					
Hg	1.01	ppb	40762					
		Bkgd 1	7073944					
***	Sample ID:			Seq: 26	13:22:24	04 Nov 11	HG	
			460-33217-G-1-A					
Hg	-.008	ppb	3386					
		Bkgd 1	7074033					
***	Sample ID:			Seq: 27	13:24:10	04 Nov 11	HG	
			460-33157-D-1-A					
Hg	.021	ppb	4453					
		Bkgd 1	7073567					
***	Sample ID:			Seq: 28	13:25:56	04 Nov 11	HG	
			460-33157-D-2-A					
Hg	.038	ppb	5064					
		Bkgd 1	7074172					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Check Standard: 2		Ck2ACCV	Seq: 29	13:27:47	04 Nov 11	HG	
Line	Flag		Intensities					
Hg			193044					
		Bkgd 1	7073923					
***	Check Standard: 1		Ck1ICB/CCB	Seq: 30	13:29:30	04 Nov 11	HG	
Line	Flag		Intensities					
Hg			1542					
		Bkgd 1	7071104					
***	Sample ID:			Seq: 31	13:31:24	04 Nov 11	HG	
			460-33136-A-4-A					
Hg	-.003	ppb	3534					
		Bkgd 1	7072195					
***	Sample ID:			Seq: 32	13:33:13	04 Nov 11	HG	
			460-33104-E-1-A					
Hg	-.042	ppb	2113					
		Bkgd 1	7073205					

*** Sample ID: Seq: 33 13:34:57 04 Nov 11 HG
 460-33104-E-2-A
 Hg -.045 ppb 2009
 Bkgd 1 7073192

*** Sample ID: Seq: 34 13:36:41 04 Nov 11 HG
 460-33104-E-3-A
 Hg -.004 ppb 3516
 Bkgd 1 7073420

*** Sample ID: Seq: 35 13:38:54 04 Nov 11 HG
 460-33104-E-4-A
 Hg -.029 ppb 2605
 Bkgd 1 7072431

*** Sample ID: Seq: 36 13:40:40 04 Nov 11 HG
 460-33104-E-5-A
 Hg -.008 ppb 3355
 Bkgd 1 7073357

*** Sample ID: Seq: 37 13:42:24 04 Nov 11 HG
 460-33104-E-6-A
 Hg -.013 ppb 3180
 Bkgd 1 7073093

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 38								
13:44:31								
04 Nov 11								
HG								
460-33104-E-7-A								
Hg -.013	ppb							
Bkgd 1								
3182								
7073445								
*** Sample ID:								
Seq: 39								
13:46:17								
04 Nov 11								
HG								
460-33104-E-8-A								
Hg -.001	ppb							
Bkgd 1								
3628								
7073567								
*** Check Standard: 2								
Line Flag								
Ck2ACCV								
Intensities								
Seq: 40								
13:48:01								
04 Nov 11								
HG								
198399								
Bkgd 1								
7074137								
*** Check Standard: 1								
Line Flag								
Ck1ICB/CCB								
Intensities								
Seq: 41								
13:49:56								
04 Nov 11								
HG								
2729								
Bkgd 1								
7072088								
*** Sample ID:								
Seq: 42								
13:51:42								
04 Nov 11								
HG								
460-33168-E-2-A								
Hg .023	ppb							
Bkgd 1								
4496								
7072721								
*** Sample ID:								
Seq: 43								
13:53:32								
04 Nov 11								
HG								
460-33168-E-3-A								
Hg -.037	ppb							
Bkgd 1								
2306								
7072132								
*** Sample ID:								
Seq: 44								
13:55:29								
04 Nov 11								
HG								
460-33168-E-4-A								
Hg .008	ppb							
3976								

Bkgd 1 7071077

*** Sample ID: Seq: 45 13:57:38 04 Nov 11 HG
460-33121-I-1-A

Hg -.000 ppb 3645
Bkgd 1 7072678

*** Sample ID: Seq: 46 13:59:22 04 Nov 11 HG
460-33121-I-2-A

Hg 2.40 ppb 91979
Bkgd 1 7071708

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 47 14:01:07 04 Nov 11 HG
460-33121-I-3-A

Hg -.004 ppb 3502
Bkgd 1 7070651

*** Sample ID: Seq: 48 14:02:54 04 Nov 11 HG
460-33121-I-4-A

Hg .059 ppb 5829
Bkgd 1 7071046

*** Sample ID: Seq: 49 14:05:10 04 Nov 11 HG
sd 460-33168-E-1-A@5

Hg .052 ppb 5586
Bkgd 1 7071719

*** Check Standard: 2 Ck2ACCV Seq: 50 14:06:59 04 Nov 11 HG
Line Flag Intensities

Hg Bkgd 1 195803
7070433

*** Check Standard: 1 Ck1ICB/CCB Seq: 51 14:09:07 04 Nov 11 HG
Line Flag Intensities

Hg Bkgd 1 2281
7070119

*** Sample ID: Seq: 52 14:11:01 04 Nov 11 HG
MB 460-91878/1-A

Hg .016 ppb 4236
Bkgd 1 7069888

*** Sample ID: Seq: 53 14:13:12 04 Nov 11 HG
LCS 460-91878/2-A

Hg 4.88 ppb 183448
Bkgd 1 7070144

*** Sample ID: Seq: 54 14:14:56 04 Nov 11 HG
460-33145-A-6-C

Hg .025 ppb 4570
Bkgd 1 7067856

*** Sample ID: Seq: 55 14:16:56 04 Nov 11 HG
460-33145-A-6-D DU

Hg .076 ppb 6470
Bkgd 1 7070995

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:				Seq: 56	14:18:41	04 Nov 11	HG
				460-33145-A-6-E	MS			
Hg	5.23	ppb	196487					
		Bkgd 1	7071851					
***	Sample ID:				Seq: 57	14:20:37	04 Nov 11	HG
				460-33059-A-1-I				
Hg	.078	ppb	6521					
		Bkgd 1	7070442					
***	Sample ID:				Seq: 58	14:22:48	04 Nov 11	HG
				460-33079-A-1-C				
Hg	-.012	ppb	3212					
		Bkgd 1	7072138					
***	Check Standard:		2	Ck2ACCV	Seq: 59	14:24:54	04 Nov 11	HG
Line	Flag			Intensities				
Hg				190146				
		Bkgd 1	7072032					
***	Check Standard:		1	Ck1ICB/CCB	Seq: 60	14:26:38	04 Nov 11	HG
Line	Flag			Intensities				
Hg				1952				
		Bkgd 1	7072426					
***	Sample ID:				Seq: 61	14:28:35	04 Nov 11	HG
				460-32897-A-4-G				
Hg	.027	ppb	4647					
		Bkgd 1	7073668					
***	Sample ID:				Seq: 62	14:30:31	04 Nov 11	HG
				460-32981-A-1-C				
Hg	.087	ppb	6858					
		Bkgd 1	7072882					
***	Sample ID:				Seq: 63	14:32:41	04 Nov 11	HG
				460-33145-A-1-C				
Hg	.073	ppb	6367					
		Bkgd 1	7072987					
***	Sample ID:				Seq: 64	14:34:29	04 Nov 11	HG
				460-33145-A-2-C				
Hg	.044	ppb	5286					
		Bkgd 1	7071093					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:				Seq: 65	14:36:18	04 Nov 11	HG
				460-33145-A-3-C				
Hg	.062	ppb	5942					
		Bkgd 1	7071533					
***	Sample ID:				Seq: 66	14:38:04	04 Nov 11	HG
				460-33145-A-4-D				
Hg	.024	ppb	4550					

*** Sample ID: **Page 1553 of 1579** Seq: 78 15:00:19 04 Nov 11 HG

sd 460-33145-A-6-C@5

Hg .057 ppb 5761
Bkgd 1 7065586

*** Check Standard: 2 Ck2ACCV Seq: 79 15:02:08 04 Nov 11 HG
Line Flag Intensities
Hg 187957
Bkgd 1 7065183

*** Check Standard: 1 Ck1ICB/CCB Seq: 80 15:03:57 04 Nov 11 HG
Line Flag Intensities
Hg 2310
Bkgd 1 7063365

*** Sample ID: Seq: 81 15:05:55 04 Nov 11 HG
MB 460-91882/1-A
Hg .043 ppb 5253
Bkgd 1 7064942

*** Sample ID: Seq: 82 15:07:49 04 Nov 11 HG
LCS 460-91882/2-A
Hg 4.70 ppb 177040
Bkgd 1 7064641

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 83 15:09:37 04 Nov 11 HG
460-31340-A-14-B
Hg -.022 ppb 2840
Bkgd 1 7062326

*** Sample ID: Seq: 84 15:11:22 04 Nov 11 HG
460-31340-A-14-C DU
Hg -.027 ppb 2652
Bkgd 1 7064845

*** Sample ID: Seq: 85 15:13:06 04 Nov 11 HG
460-31340-A-14-D MS
Hg 4.63 ppb 174377
Bkgd 1 7066559

*** Sample ID: Seq: 86 15:14:51 04 Nov 11 HG
LB 460-91804/1-B
Hg -.058 ppb 1536
Bkgd 1 7063780

=====

*** Sample ID: sd 460-313 Seq: 87 15:16:38 04 Nov 11 HG
40-A-14-B@5
Hg .030 ppb 4780
Bkgd 1 7066457

*** Check Standard: 2 Ck2ACCV Seq: 88 15:18:22 04 Nov 11 HG
Line Flag Intensities
Hg 189893
Bkgd 1 7065438

*** Check Standard: 1 Ck1ICB/CCB Seq: 89 15:20:28 04 Nov 11 HG
Line Flag Intensities
Hg 3767

Bkgd 1 7066181

=
=

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1				Seq: 1		11:16:42	09 Nov 11	HG
Hg	.000	ppb	2265					
*** Standard: 2 Rep: 1				Seq: 2		11:18:36	09 Nov 11	HG
Hg	.100	ppb	6195					
*** Standard: 3 Rep: 1				Seq: 3		11:20:23	09 Nov 11	HG
Hg	1.00	ppb	43818					
*** Standard: 4 Rep: 1				Seq: 4		11:22:09	09 Nov 11	HG
Hg	2.00	ppb	86646					
*** Standard: 5 Rep: 1				Seq: 5		11:24:14	09 Nov 11	HG
Hg	5.00	ppb	208478					
*** Standard: 6 Rep: 1				Seq: 6		11:26:13	09 Nov 11	HG
Hg	10.0	ppb	410492					
*** Check Standard: 3 Ck3AICV				Seq: 7		11:28:28	09 Nov 11	HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg		102.	5.09	5.00	ppb	.000		
*** Check Standard: 1 Ck1ICB/CCB				Seq: 8		11:30:17	09 Nov 11	HG
Line Flag Found Range(+/-) Units SD/RSD								
Hg		-.049	.200	ppb		.000		
*** Check Standard: 4 Ck4QCS				Seq: 9		11:32:15	09 Nov 11	HG
Line Flag %Rcv. Found True Units SD/RSD								
Hg		101.	5.04	5.00	ppb	.000		
*** Sample ID:				Seq: 10		11:34:29	09 Nov 11	HG
			mc1					
Hg	2.01	ppb	.000	2.01				
*** Sample ID:				Seq: 11		11:36:15	09 Nov 11	HG
			MB 460-92342/1-A					
Hg	.033	ppb	.000	.033				
*** Sample ID:				Seq: 12		11:38:09	09 Nov 11	HG
			LCS 460-92342/2-A					
Hg	.981	ppb	.000	.981				

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 13		11:40:03	09 Nov 11	HG
			460-33235-I-5-A					
Hg	.149	ppb	.000	.149				

*** Sample ID:		Seq: 14	11:41:50	09 Nov 11	HG
	460-33235-I-5-B DU				
Hg	.144 ppb	.000 .144			
*** Sample ID:		Seq: 15	11:43:37	09 Nov 11	HG
	460-33235-I-5-C MS				
Hg	1.10 ppb	.000 1.10			
*** Sample ID:		Seq: 16	11:45:27	09 Nov 11	HG
	460-33420-G-1-A				
Hg	.028 ppb	.000 .028			
*** Sample ID:		Seq: 17	11:47:13	09 Nov 11	HG
	460-33421-D-2-A				
Hg	-.002 ppb	.000 -.002			
*** Sample ID:		Seq: 18	11:49:20	09 Nov 11	HG
	460-33431-E-1-A				
Hg	-.037 ppb	.000 -.037			
*** Check Standard: 2	Ck2ACCV	Seq: 19	11:51:10	09 Nov 11	HG
Line Flag %Rcv. Found True Units SD/RSD					
Hg	101. 5.05 5.00 ppb .000				
*** Check Standard: 1	Ck1ICB/CCB	Seq: 20	11:52:55	09 Nov 11	HG
Line Flag Found Range(+/-) Units SD/RSD					
Hg	-.099 .200 ppb .000				
*** Sample ID:		Seq: 21	11:54:41	09 Nov 11	HG
	460-33214-C-10-A				
Hg	.039 ppb	.000 .039			
*** Sample ID:		Seq: 22	11:56:56	09 Nov 11	HG
	460-33232-D-2-A				
Hg	-.014 ppb	.000 -.014			
*** Sample ID:		Seq: 23	11:58:50	09 Nov 11	HG
	460-33235-I-1-A				
Hg	.488 ppb	.000 .488			
*** Sample ID:		Seq: 24	12:00:43	09 Nov 11	HG
	460-33235-I-2-A				
Hg	.058 ppb	.000 .058			

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 25	12:02:30	09 Nov 11	HG	
				460-33235-I-3-A				
Hg	.056	ppb	.000 .056					
*** Sample ID:				Seq: 26	12:04:13	09 Nov 11	HG	
				460-33235-I-4-A				
Hg	.060	ppb	.000 .060					
*** Sample ID:				Seq: 27	12:05:59	09 Nov 11	HG	
				460-33235-I-6-A				
Hg	.015	ppb	.000 .015					
*** Sample ID:				Seq: 28	12:07:44	09 Nov 11	HG	
				460-33235-I-7-A				

Hg .024 ppb .000 .024

*** Sample ID: Seq: 29 12:09:42 09 Nov 11 HG
460-33235-I-8-A

Hg -.041 ppb .000 -.041

*** Check Standard: 2 Ck2ACCV Seq: 30 12:11:26 09 Nov 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 101. 5.05 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 31 12:13:13 09 Nov 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg .026 .200 ppb .000

*** Sample ID: Seq: 32 12:15:19 09 Nov 11 HG
460-33237-H-1-A

Hg .095 ppb .000 .095

*** Sample ID: Seq: 33 12:17:05 09 Nov 11 HG
460-33237-H-2-A

Hg .024 ppb .000 .024

*** Sample ID: Seq: 34 12:18:55 09 Nov 11 HG
460-33237-H-3-A

Hg .028 ppb .000 .028

*** Sample ID: Seq: 35 12:20:53 09 Nov 11 HG
460-33237-H-4-A

Hg .051 ppb .000 .051

*** Sample ID: Seq: 36 12:23:10 09 Nov 11 HG
460-33237-H-5-A

Hg .077 ppb .000 .077

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.015	ppb	.000	.015				
*** Sample ID:								
Hg	.049	ppb	.000	.049				
*** Sample ID:								
Hg	.026	ppb	.000	.026				
*** Check Standard: 2 Ck2ACCV								
Line Flag %Rcv. Found True Units SD/RSD								
Hg 101. 5.05 5.00 ppb .000								
*** Check Standard: 1 Ck1ICB/CCB								
Line Flag Found Range(+/-) Units SD/RSD								
Hg -.047 .200 ppb .000								
*** Sample ID:								
Hg	.007	ppb	.000	.007				

*** Sample ID:	Seq: 43	12:36:07 09 Nov 11	HG
	LCS 460-92358/2-A		
Hg .972 ppb	.000 .972		
*** Sample ID:	Seq: 44	12:38:06 09 Nov 11	HG
	MB 460-92345/1-B		
Hg -.018 ppb	.000 -.018		
*** Sample ID:	Seq: 45	12:39:51 09 Nov 11	HG
	460-33168-D-1-C		
Hg -.032 ppb	.000 -.032		
*** Sample ID:	Seq: 46	12:41:36 09 Nov 11	HG
	460-33168-A-1-B DU		
Hg -.010 ppb	.000 -.010		
*** Sample ID:	Seq: 47	12:43:31 09 Nov 11	HG
	460-33168-D-1-D MS		
Hg 1.03 ppb	.000 1.03		
*** Sample ID:	Seq: 48	12:45:27 09 Nov 11	HG
	460-33104-D-1-B		
Hg -.009 ppb	.000 -.009		

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Check Standard: 2	Ck2ACCV	Seq: 49		12:47:22 09 Nov 11	HG			
Line Flag	%Rcv.	Found	True	Units	SD/RSD			
Hg	98.9	4.94	5.00	ppb	.000			
*** Check Standard: 1	Ck1ICB/CCB	Seq: 50		12:49:18 09 Nov 11	HG			
Line Flag	Found Range(+/-)	Units	SD/RSD					
Hg	-.037	.200	ppb	.000				
*** Sample ID:	Seq: 51	12:51:06 09 Nov 11	HG					
	460-33104-D-2-B							
Hg -.025 ppb	.000 -.025							
*** Sample ID:	Seq: 52	12:53:12 09 Nov 11	HG					
	460-33104-D-3-B							
Hg -.008 ppb	.000 -.008							
*** Sample ID:	Seq: 53	12:54:58 09 Nov 11	HG					
	460-33104-D-4-B							
Hg .023 ppb	.000 .023							
*** Sample ID:	Seq: 54	12:56:49 09 Nov 11	HG					
	460-33104-D-5-B							
Hg .010 ppb	.000 .010							
*** Sample ID:	Seq: 55	12:58:37 09 Nov 11	HG					
	460-33104-D-6-B							
Hg -.031 ppb	.000 -.031							
*** Sample ID:	Seq: 56	13:00:22 09 Nov 11	HG					
	460-33104-D-7-B							
Hg -.022 ppb	.000 -.022							
*** Sample ID:	Seq: 57	13:02:17 09 Nov 11	HG					
	460-33104-D-8-B							

Hg -.022 ppb .000 -.022

*** Check Standard: 2 Ck2ACCV Seq: 58 13:04:01 09 Nov 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 100. 5.02 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 59 13:05:56 09 Nov 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.042 .200 ppb .000

*** Sample ID: Seq: 60 13:07:46 09 Nov 11 HG
460-33168-D-2-B
Hg -.015 ppb .000 -.015

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 61 13:09:56 09 Nov 11 HG
460-33168-D-3-B
Hg -.023 ppb .000 -.023

*** Sample ID: Seq: 62 13:11:54 09 Nov 11 HG
460-33168-D-4-B
Hg .005 ppb .000 .005

*** Sample ID: Seq: 63 13:13:40 09 Nov 11 HG
460-33099-H-2-A
Hg .032 ppb .000 .032

*** Sample ID: Seq: 64 13:15:25 09 Nov 11 HG
460-33099-H-3-A
Hg .003 ppb .000 .003

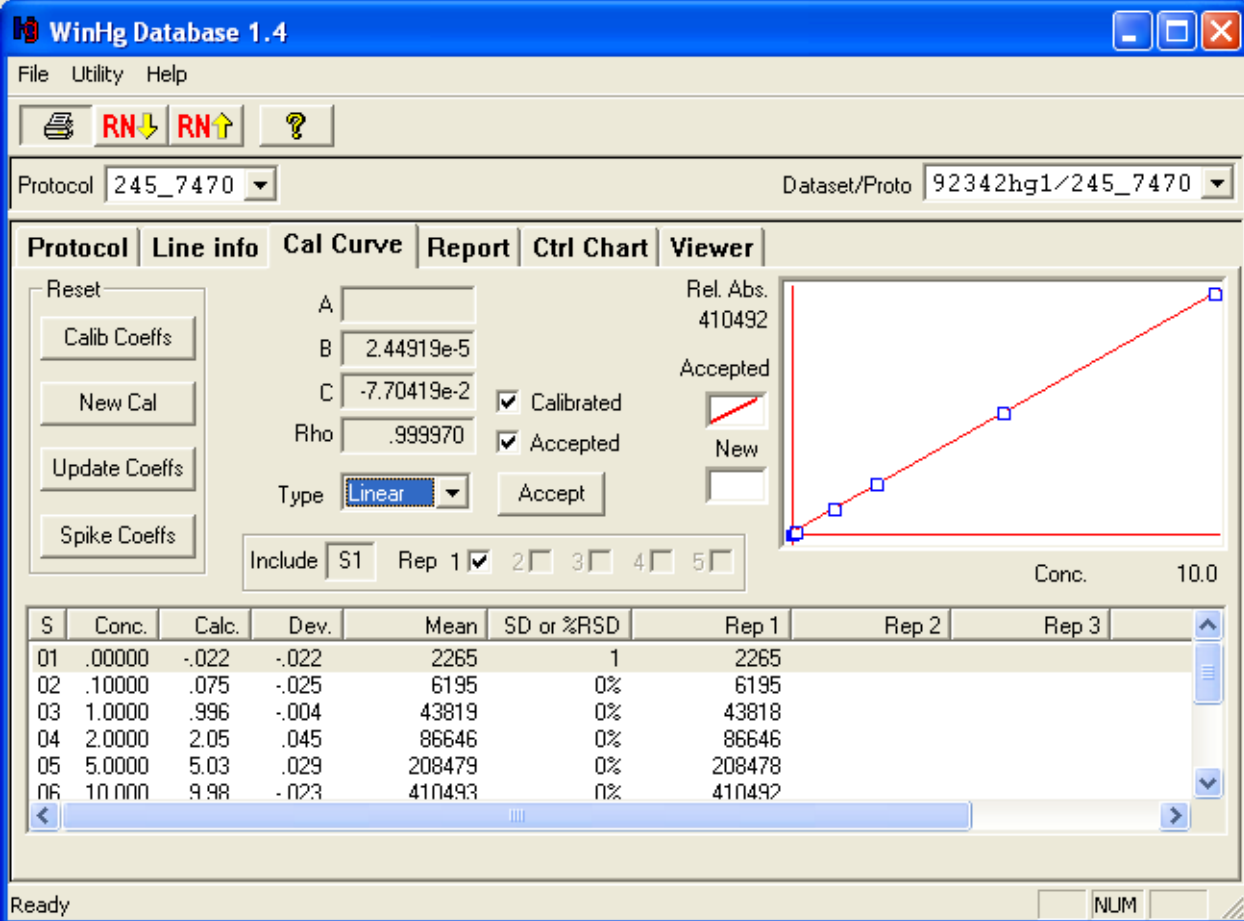
*** Sample ID: Seq: 65 13:17:13 09 Nov 11 HG
460-33099-H-4-A
Hg -.016 ppb .000 -.016

*** Sample ID: Seq: 66 13:19:23 09 Nov 11 HG
460-33099-H-5-A
Hg -.006 ppb .000 -.006

*** Sample ID: Seq: 67 13:21:31 09 Nov 11 HG
sd 460-33168-D-1-C@5
Hg .001 ppb .000 .001

*** Check Standard: 2 Ck2ACCV Seq: 68 13:23:30 09 Nov 11 HG
Line Flag %Rcv. Found True Units SD/RSD
Hg 100. 5.01 5.00 ppb .000

*** Check Standard: 1 Ck1ICB/CCB Seq: 69 13:25:14 09 Nov 11 HG
Line Flag Found Range(+/-) Units SD/RSD
Hg -.061 .200 ppb .000



Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Standard: 1 Rep: 1				Seq: 1		11:16:42	09 Nov 11	HG
Hg .000	ppb		2265					
	Bkgd 1		7065315					
*** Standard: 2 Rep: 1				Seq: 2		11:18:36	09 Nov 11	HG
Hg .100	ppb		6195					
	Bkgd 1		7064067					
*** Standard: 3 Rep: 1				Seq: 3		11:20:23	09 Nov 11	HG
Hg 1.00	ppb		43818					
	Bkgd 1		7063950					
*** Standard: 4 Rep: 1				Seq: 4		11:22:09	09 Nov 11	HG
Hg 2.00	ppb		86646					
	Bkgd 1		7063232					
*** Standard: 5 Rep: 1				Seq: 5		11:24:14	09 Nov 11	HG
Hg 5.00	ppb		208478					
	Bkgd 1		7061849					
*** Standard: 6 Rep: 1				Seq: 6		11:26:13	09 Nov 11	HG
Hg 10.0	ppb		410492					
	Bkgd 1		7060736					
*** Check Standard: 3			Ck3AICV	Seq: 7		11:28:28	09 Nov 11	HG
Line Flag			Intensities					
Hg			211000					
	Bkgd 1		7061924					
*** Check Standard: 1			Ck1ICB/CCB	Seq: 8		11:30:17	09 Nov 11	HG
Line Flag			Intensities					
Hg			1158					
	Bkgd 1		7062411					
*** Check Standard: 4			Ck4QCS	Seq: 9		11:32:15	09 Nov 11	HG
Line Flag			Intensities					
Hg			208857					
	Bkgd 1		7063431					

Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID:				Seq: 10		11:34:29	09 Nov 11	HG
			mc l					
Hg 2.01	ppb		85161					
	Bkgd 1		7063464					
*** Sample ID:				Seq: 11		11:36:15	09 Nov 11	HG

Hg	.033	ppb	4498					
		Bkgd	1	7061590				
***	Sample ID:			Seq: 12	11:38:09	09 Nov 11	HG	
				LCS 460-92342/2-A				
Hg	.981	ppb	43188					
		Bkgd	1	7062173				
***	Sample ID:			Seq: 13	11:40:03	09 Nov 11	HG	
				460-33235-I-5-A				
Hg	.149	ppb	9243					
		Bkgd	1	7062977				
***	Sample ID:			Seq: 14	11:41:50	09 Nov 11	HG	
				460-33235-I-5-B DU				
Hg	.144	ppb	9006					
		Bkgd	1	7062250				
***	Sample ID:			Seq: 15	11:43:37	09 Nov 11	HG	
				460-33235-I-5-C MS				
Hg	1.10	ppb	48249					
		Bkgd	1	7060939				
***	Sample ID:			Seq: 16	11:45:27	09 Nov 11	HG	
				460-33420-G-1-A				
Hg	.028	ppb	4296					
		Bkgd	1	7059435				
***	Sample ID:			Seq: 17	11:47:13	09 Nov 11	HG	
				460-33421-D-2-A				
Hg	-.002	ppb	3046					
		Bkgd	1	7060133				
***	Sample ID:			Seq: 18	11:49:20	09 Nov 11	HG	
				460-33431-E-1-A				
Hg	-.037	ppb	1629					
		Bkgd	1	7057226				

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
***	Check Standard: 2		Ck2ACCV	Seq: 19	11:51:10	09 Nov 11	HG	
Line	Flag		Intensities					
Hg			209252					
		Bkgd	1	7056715				
***	Check Standard: 1		Ck1ICB/CCB	Seq: 20	11:52:55	09 Nov 11	HG	
Line	Flag		Intensities					
Hg			-899					
		Bkgd	1	7056349				
***	Sample ID:			Seq: 21	11:54:41	09 Nov 11	HG	
				460-33214-C-10-A				
Hg	.039	ppb	4747					
		Bkgd	1	7058738				
***	Sample ID:			Seq: 22	11:56:56	09 Nov 11	HG	
				460-33232-D-2-A				
Hg	-.014	ppb	2575					
		Bkgd	1	7056434				

*** Sample ID: Seq: 23 11:58:50 09 Nov 11 HG
 460-33235-I-1-A
 Hg .488 ppb 23058
 Bkgd 1 7055340

*** Sample ID: Seq: 24 12:00:43 09 Nov 11 HG
 460-33235-I-2-A
 Hg .058 ppb 5497
 Bkgd 1 7058269

*** Sample ID: Seq: 25 12:02:30 09 Nov 11 HG
 460-33235-I-3-A
 Hg .056 ppb 5440
 Bkgd 1 7058979

*** Sample ID: Seq: 26 12:04:13 09 Nov 11 HG
 460-33235-I-4-A
 Hg .060 ppb 5610
 Bkgd 1 7058788

*** Sample ID: Seq: 27 12:05:59 09 Nov 11 HG
 460-33235-I-6-A
 Hg .015 ppb 3756
 Bkgd 1 7058489

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Seq: 28								
460-33235-I-7-A								
Hg .024	ppb		4121					
Bkgd 1			7057255					
*** Sample ID:								
Seq: 29								
460-33235-I-8-A								
Hg -.041	ppb		1480					
Bkgd 1			7056633					
*** Check Standard: 2								
Line Flag								
Hg								
			Ck2ACCV	Seq: 30				
			Intensities					
			209340					
			Bkgd 1					
			7058493					
*** Check Standard: 1								
Line Flag								
Hg								
			Ck1ICB/CCB	Seq: 31				
			Intensities					
			4214					
			Bkgd 1					
			7054007					
*** Sample ID:								
Seq: 32								
460-33237-H-1-A								
Hg .095	ppb		7028					
Bkgd 1			7049104					
*** Sample ID:								
Seq: 33								
460-33237-H-2-A								
Hg .024	ppb		4116					
Bkgd 1			7049026					
*** Sample ID:								
Seq: 34								
460-33237-H-3-A								
Hg .028	ppb		4278					

Bkgd 1 7048102

*** Sample ID: Seq: 35 12:20:53 09 Nov 11 HG
460-33237-H-4-A

Hg .051 ppb 5237
Bkgd 1 7047917

*** Sample ID: Seq: 36 12:23:10 09 Nov 11 HG
460-33237-H-5-A

Hg .077 ppb 6302
Bkgd 1 7046206

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

*** Sample ID: Seq: 37 12:24:53 09 Nov 11 HG
460-33237-H-6-A

Hg .015 ppb 3759
Bkgd 1 7045616

*** Sample ID: Seq: 38 12:26:40 09 Nov 11 HG
460-33237-H-7-A

Hg .049 ppb 5138
Bkgd 1 7045940

*** Sample ID: Seq: 39 12:28:38 09 Nov 11 HG
sd 460-33235-I-5-A@5

Hg .026 ppb 4207
Bkgd 1 7045981

*** Check Standard: 2 Ck2ACCV Seq: 40 12:30:33 09 Nov 11 HG
Line Flag Intensities

Hg 209207
Bkgd 1 7046204

*** Check Standard: 1 Ck1ICB/CCB Seq: 41 12:32:17 09 Nov 11 HG
Line Flag Intensities

Hg 1223
Bkgd 1 7044390

*** Sample ID: Seq: 42 12:34:16 09 Nov 11 HG
MB 460-92358/1-A

Hg .007 ppb 3450
Bkgd 1 7045572

*** Sample ID: Seq: 43 12:36:07 09 Nov 11 HG
LCS 460-92358/2-A

Hg .972 ppb 42833
Bkgd 1 7044466

*** Sample ID: Seq: 44 12:38:06 09 Nov 11 HG
MB 460-92345/1-B

Hg -.018 ppb 2402
Bkgd 1 7045090

*** Sample ID: Seq: 45 12:39:51 09 Nov 11 HG
460-33168-D-1-C

Hg -.032 ppb 1828
Bkgd 1 7046103

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:				Seq: 46	12:41:36	09 Nov 11	HG
					460-33168-A-1-B DU			
Hg	-.010	ppb	2737					
		Bkgd 1	7046705					
***	Sample ID:				Seq: 47	12:43:31	09 Nov 11	HG
					460-33168-D-1-D MS			
Hg	1.03	ppb	45225					
		Bkgd 1	7045931					
***	Sample ID:				Seq: 48	12:45:27	09 Nov 11	HG
					460-33104-D-1-B			
Hg	-.009	ppb	2787					
		Bkgd 1	7045726					
***	Check Standard: 2		Ck2ACCV		Seq: 49	12:47:22	09 Nov 11	HG
Line	Flag		Intensities					
Hg			205019					
		Bkgd 1	7045753					
***	Check Standard: 1		Ck1ICB/CCB		Seq: 50	12:49:18	09 Nov 11	HG
Line	Flag		Intensities					
Hg			1625					
		Bkgd 1	7044482					
***	Sample ID:				Seq: 51	12:51:06	09 Nov 11	HG
					460-33104-D-2-B			
Hg	-.025	ppb	2128					
		Bkgd 1	7044858					
***	Sample ID:				Seq: 52	12:53:12	09 Nov 11	HG
					460-33104-D-3-B			
Hg	-.008	ppb	2816					
		Bkgd 1	7044493					
***	Sample ID:				Seq: 53	12:54:58	09 Nov 11	HG
					460-33104-D-4-B			
Hg	.023	ppb	4074					
		Bkgd 1	7044747					
***	Sample ID:				Seq: 54	12:56:49	09 Nov 11	HG
					460-33104-D-5-B			
Hg	.010	ppb	3548					
		Bkgd 1	7044563					

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Line	Conc.	Units	SD/RSD	1	2	3	4	5

***	Sample ID:				Seq: 55	12:58:37	09 Nov 11	HG
					460-33104-D-6-B			
Hg	-.031	ppb	1895					
		Bkgd 1	7043191					
***	Sample ID:				Seq: 56	13:00:22	09 Nov 11	HG
					460-33104-D-7-B			
Hg	-.022	ppb	2267					

Bkgd 1 7044142

*** Sample ID: Seq: 57 13:02:17 09 Nov 11 HG
 460-33104-D-8-B

Hg -.022 ppb 2247
 Bkgd 1 7044551

*** Check Standard: 2 Ck2ACCV Seq: 58 13:04:01 09 Nov 11 HG
 Line Flag Intensities
 Hg 208089
 Bkgd 1 7045300

*** Check Standard: 1 Ck1ICB/CCB Seq: 59 13:05:56 09 Nov 11 HG
 Line Flag Intensities
 Hg 1444
 Bkgd 1 7042617

*** Sample ID: Seq: 60 13:07:46 09 Nov 11 HG
 460-33168-D-2-B

Hg -.015 ppb 2552
 Bkgd 1 7042674

*** Sample ID: Seq: 61 13:09:56 09 Nov 11 HG
 460-33168-D-3-B

Hg -.023 ppb 2217
 Bkgd 1 7043073

*** Sample ID: Seq: 62 13:11:54 09 Nov 11 HG
 460-33168-D-4-B

Hg .005 ppb 3358
 Bkgd 1 7042822

*** Sample ID: Seq: 63 13:13:40 09 Nov 11 HG
 460-33099-H-2-A

Hg .032 ppb 4434
 Bkgd 1 7042637

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Line	Conc.	Units	SD/RSD	1	2	3	4	5
*** Sample ID:								
Hg	.003	ppb						
		Bkgd 1						
*** Sample ID:								
Hg	-.016	ppb						
		Bkgd 1						
*** Sample ID:								
Hg	-.006	ppb						
		Bkgd 1						
*** Sample ID:								
Hg	.001	ppb						
		Bkgd 1						
*** Check Standard: 2								

Line	Flag	Intensities
Hg		207529
	Bkgd 1	7042268

*** Check Standard: 1 Ck1ICB/CCB Seq: 69 13:25:14 09 Nov 11 HG

Line	Flag	Intensities
Hg		666
	Bkgd 1	7039996

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92202 Batch Start Date: 11/08/11 09:53 Batch Analyst: Yang, Qin

Batch Method: 3010A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00027			
MB 460-92202/1		3010A, 6010B		100 mL	100 mL				
LCS 460-92202/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-33168-E-1	GW-17338-110211-MW28-12	3010A, 6010B	T	100 mL	100 mL				
460-33168-B-1 DU	GW-17338-110211-MW28-12	3010A, 6010B	T	100 mL	100 mL				
460-33168-E-1 MS	GW-17338-110211-MW28-12	3010A, 6010B	T	100 mL	100 mL	2 mL			

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 187
First End time	14:30
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	K11059
Hot Block ID number	4
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	38
First Start time	10:00
ID number of the thermometer	2
Digestion Tube/Cup Lot #	1107181

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92386 Batch Start Date: 11/09/11 12:34 Batch Analyst: Yang, QinBatch Method: FILTRATION Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount					
460-33168-D-1	GW-17338-110211-MW28-12	FILTRATION, 3010A, 6010B	D	150 mL					
460-33168-A-1 DU	GW-17338-110211-MW28-12	FILTRATION, 3010A, 6010B	D	150 mL					
460-33168-D-1 MS	GW-17338-110211-MW28-12	FILTRATION, 3010A, 6010B	D	150 mL					
460-33168-D-2	FB-17338-110211-13	FILTRATION, 3010A, 6010B	D	150 mL					
460-33168-D-3	GW-17338-110211-MW105-14	FILTRATION, 3010A, 6010B	D	150 mL					
460-33168-D-4	GW-17338-110211-MW32-15	FILTRATION, 3010A, 6010B	D	150 mL					

Batch Notes	
Filter Lot #	1054401
Lot # of Nitric Acid	K11059

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92389 Batch Start Date: 11/09/11 12:42 Batch Analyst: Yang, QinBatch Method: 3010A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00027			
MB 460-92389/1		3010A, 6010B		100 mL	100 mL				
LCS 460-92389/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-33168-D-1-E	GW-17338-110211-MW28-12	3010A, 6010B	D	100 mL	100 mL				
460-33168-A-1-C DU	GW-17338-110211-MW28-12	3010A, 6010B	D	100 mL	100 mL				
460-33168-D-1-F MS	GW-17338-110211-MW28-12	3010A, 6010B	D	100 mL	100 mL	2 mL			
460-33168-D-2-C	FB-17338-110211-13	3010A, 6010B	D	100 mL	100 mL				
460-33168-D-3-C	GW-17338-110211-MW105-14	3010A, 6010B	D	100 mL	100 mL				
460-33168-D-4-C	GW-17338-110211-MW32-15	3010A, 6010B	D	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 187
First End time	15:00
Lot # of Nitric Acid	K11059
Hot Block ID number	4
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	38
First Start time	11:00
ID number of the thermometer	2
Digestion Tube/Cup Lot #	1107181

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92469 Batch Start Date: 11/10/11 08:21 Batch Analyst: Yang, Qin

Batch Method: 3010A Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_LCS-int 00027			
MB 460-92469/1		3010A, 6010B		100 mL	100 mL				
LCS 460-92469/2		3010A, 6010B		100 mL	100 mL	2 mL			
460-33202-A-3 DU		3010A, 6010B	T	100 mL	100 mL				
460-33202-E-3 MS		3010A, 6010B	T	100 mL	100 mL	2 mL			
460-33168-E-2	FB-17338-110211-13	3010A, 6010B	T	100 mL	100 mL				
460-33168-E-3	GW-17338-110211-MW105-14	3010A, 6010B	T	100 mL	100 mL				
460-33168-E-4	GW-17338-110211-MW32-15	3010A, 6010B	T	100 mL	100 mL				

Batch Notes	
Batch Comment	1:1 HCL LOT MPR 187
First End time	12:30
Filter Paper Lot Number	09-790F
Lot # of Nitric Acid	K11059
Hot Block ID number	5
Oven, Bath or Block Temperature 1	95 Degrees C
Oven, Bath or Block Temperature 2	95 Degrees C
Pipette ID	38
First Start time	8:00
ID number of the thermometer	2
Digestion Tube/Cup Lot #	1107181

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 91875 Batch Start Date: 11/04/11 11:13 Batch Analyst: Sheikh, Razia B

Batch Method: 7470A Batch End Date: 11/04/11 13:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00664			
MB 460-91875/1		7470A, 7470A		30 mL	30 mL				
LCS 460-91875/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
460-33168-E-1	GW-17338-110211-MW28-12	7470A, 7470A	T	30 mL	30 mL				
460-33168-B-1 DU	GW-17338-110211-MW28-12	7470A, 7470A	T	30 mL	30 mL				
460-33168-E-1 MS	GW-17338-110211-MW28-12	7470A, 7470A	T	30 mL	30 mL	0.3 mL			
460-33168-E-2	FB-17338-110211-13	7470A, 7470A	T	30 mL	30 mL				
460-33168-E-3	GW-17338-110211-MW105-14	7470A, 7470A	T	30 mL	30 mL				
460-33168-E-4	GW-17338-110211-MW32-15	7470A, 7470A	T	30 mL	30 mL				
ICV 460-91875/31		7470A, 7470A		100 mL	100 mL	5 mL			
CCV 460-91875/33		7470A, 7470A		100 mL	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01385
Sulfuric Acid Lot Number	k03051
Lot # of hydrochloric acid	hgr01389
Lot # of Nitric Acid	k15028
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01387
Potassium Permanganate Lot Number	hgr01384
NaCL Lot #	hgr01385
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	3
Stannous Chloride Lot Number	hgr01386
Digestion Tube/Cup Lot #	123375-264

Basis	Basis Description
T	Total/NA

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92342 Batch Start Date: 11/09/11 08:59 Batch Analyst: Sheikh, Razia BBatch Method: 245.1 Batch End Date: 11/09/11 10:59

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00667			
ICV 460-92342/31		245.1, 7470A		100 mL	100 mL	5 mL			
CCV 460-92342/33		245.1, 7470A		100 mL	100 mL	5 mL			

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01385
Sulfuric Acid Lot Number	k03051
Lot # of hydrochloric acid	hgr01389
Lot # of Nitric Acid	k15028
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01387
Potassium Permanganate Lot Number	hgr01384
NaCL Lot #	hgr01385
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	3
Stannous Chloride Lot Number	hgr01386
Digestion Tube/Cup Lot #	123375-264

Basis	Basis Description

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92345 Batch Start Date: 11/09/11 09:10 Batch Analyst: Sheikh, Razia BBatch Method: FILTRATION Batch End Date: 11/09/11 09:10

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount				
MB 460-92345/1		FILTRATION, 7470A, 7470A		100 mL	100 mL				
460-33168-D-1	GW-17338-110211-MW28-12	FILTRATION, 7470A, 7470A	D	100 mL	100 mL				
460-33168-A-1 DU	GW-17338-110211-MW28-12	FILTRATION, 7470A, 7470A	D	100 mL	100 mL				
460-33168-D-1 MS	GW-17338-110211-MW28-12	FILTRATION, 7470A, 7470A	D	100 mL	100 mL				
460-33168-D-2	FB-17338-110211-13	FILTRATION, 7470A, 7470A	D	100 mL	100 mL				
460-33168-D-3	GW-17338-110211-MW105-14	FILTRATION, 7470A, 7470A	D	100 mL	100 mL				
460-33168-D-4	GW-17338-110211-MW32-15	FILTRATION, 7470A, 7470A	D	100 mL	100 mL				

Batch Notes	
Filter Lot #	1051322
Lot # of Nitric Acid	k15028

Basis	Basis Description
D	Dissolved

METALS BATCH WORKSHEET

Lab Name: TestAmerica Edison Job No.: 460-33168-1

SDG No.: _____

Batch Number: 92358 Batch Start Date: 11/09/11 10:15 Batch Analyst: Sheikh, Razia BBatch Method: 7470A Batch End Date: 11/09/11 12:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ME_DCAL-IN 00667			
MB 460-92358/1		7470A, 7470A		30 mL	30 mL				
LCS 460-92358/2		7470A, 7470A		30 mL	30 mL	0.3 mL			
MB 460-92345/1-A		7470A, 7470A		30 mL	30 mL				
460-33168-D-1-A	GW-17338-110211-MW28-12	7470A, 7470A	D	30 mL	30 mL				
460-33168-A-1-A	GW-17338-110211-MW28-12	7470A, 7470A	D	30 mL	30 mL				
460-33168-D-1-B	GW-17338-110211-MW28-12	7470A, 7470A	D	30 mL	30 mL	0.3 mL			
460-33168-D-2-A	FB-17338-110211-13	7470A, 7470A	D	30 mL	30 mL				
460-33168-D-3-A	GW-17338-110211-MW105-14	7470A, 7470A	D	30 mL	30 mL				
460-33168-D-4-A	GW-17338-110211-MW32-15	7470A, 7470A	D	30 mL	30 mL				

Batch Notes	
Hydroxylamine Hydrochloride Lot	hgr01385
Sulfuric Acid Lot Number	k03051
Lot # of hydrochloric acid	hgr01389
Lot # of Nitric Acid	k15028
Hood ID or number	2
Hot Block ID number	9
Potassium Persulfate Lot Number	hgr01387
Potassium Permanganate Lot Number	hgr01384
NaCL Lot #	hgr01385
Oven, Bath or Block Temperature 1	95 Degrees C
Pipette ID	3
Stannous Chloride Lot Number	hgr01386
Digestion Tube/Cup Lot #	123375-264

Basis	Basis Description
D	Dissolved

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 ____ of ____

Name (for report and invoice) CHAS BROWN		Samplers Name (Printed) M. MYLE		Site/Project Identification Palmdale, CA	
Company CHAS		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: DWPEC	
City Buffalo, NY	State	ANALYSIS REQUESTED (ENTER X BELOW TO INDICATE REQUEST)		LAB USE ONLY Job No: 466-33168 Project No:	
Phone 716-836-2142	Fax			Sample Numbers	
Sample Identification	Date	Time	Matrix	No. of Cont.	
GU-17338-11021-MW-8-12	11/21/11	1100	BCU	27	1
FB-17338-11021-13		1130		9	2
GU-17338-11021-MW-105-14		1215		9	3
GU-17338-11021-MW-33-15		1430		5	4
Preservation Used: 1 = ICE, 2 = HCl, 3 = H ₂ SO ₄ , 4 = HNO ₃ , 5 = NaOH Soil: _____ Water: _____ 6 = Other _____, 7 = Other _____					

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by Mark Holt	Company CHAS	Date / Time 11/21/11 14:32	Received by CHAS	Company CHAS
Relinquished by CHAS	Company CHAS	Date / Time 11/21/11 1200	Received by CHAS	Company CHAS
Relinquished by CHAS	Company CHAS	Date / Time 11/21/11 1830	Received by CHAS	Company CHAS
Relinquished by CHAS	Company CHAS	Date / Time 11/21/11 1850	Received by CHAS	Company CHAS

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132),
Massachusetts (M-NU312), North Carolina (No. 578)

TAL-0016 (0408)

Login Sample Receipt Checklist

Client: Conestoga-Rovers & Associates, Inc.

Job Number: 460-33168-1

Login Number: 33168

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	Not present
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	1.4°C, 1.1°C, 1.6°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.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	No analysis requiring residual chlorine check assigned.