371,500.+
300,786.-
000
70,714.*
70,714.÷
28.=
2,525.5*
2,525.5×
10.%
252.55*
252.55+
2,778.05*

Angie

RECEIVED
MAR 16 2009
INDUSTRIAL DEPARTMENT

PRETREATMENT MONITORING REPORT

NAME: PSEG SERVICES CORPORATION, FORMER MARKET STREET GAS WORKS, AREA F

MAILING ADDRESS: 80 Park Plaza, T-17, NEWARK, NJ 07102

FACILITY LOCATION: 443-448 MARKET STREET NEWARK, NJ 07105

CATEGORY & SUBPART: N.A. OUTLET #: 1

CONTACT OFFICIAL: RAYMOND A. TRIPODI TELEPHONE: 973-430-8832

NEW CUSTOMER ID / OUTLET ID: 2063002-1 OLD OUTLET DESIGNATION:

MONITORING PERIOD

Start			End		
02	01	09	02	28	09
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	N/A	100,000
Total Flow-gal/day	~~3,705~~ 2,526	~~20,000~~ 2778

Method Used: Non-adjustable/non-resettable flow meter

Production Rate (if applicable)

PARAMETER	6	MASS OR CONCENTRATION			# OF	SAMPLE TYPE
		MON AVG	Daily Max	UNITS	SAMPLES	COMP/GRAB
BIOCHEMICAL OX	Sample Measurement	33.2		Mg/l	1	Comp
	Permit Requirement	*		Mg/l		
Cd	Sample Measurement	<0.0005		Mg/l	1	Comp
	Permit Requirement	0.19		Mg/l		
Cu	Sample Measurement	<0.0031		Mg/l	1	Comp
	Permit Requirement	3.02		Mg/l		
Pb	Sample Measurement	<0.0022		Mg/l	1	Comp
	Permit Requirement	0.54		Mg/l		
Hg	Sample Measurement	<0.0001		Mg/l	1	Comp
	Permit Requirement	0.08		Mg/l		
Ni	Sample Measurement	<0.0039		Mg/l	1	Comp
	Permit Requirement	5.9		Mg/l		
Zn	Sample Measurement	<0.0058		Mg/l	1	Comp
	Permit Requirement	1.67		Mg/l		
PETROL. HYDR. (SGT-HEM)	Sample Measurement		<5.0	Mg/l	1	Grab
	Permit Requirement		100	Mg/l		
Total VOC	Sample Measurement		0.001	Mg/l	1	Grab
	Permit Requirement		*	Mg/l		

APR 2009 2nd Input Industrial Dept.

MAR 2009 2nd Input Industrial Dept.

* - No discharge limits stated in the permit; Parameter is monitored and reported monthly.
Non-detect – Parameters not detected at the laboratory method detection limit

PVSC FORM MMR-LRE Ver. 4.6/07 R.L.

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PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets): Not applicable

Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: All samples meet the compliance for the parameters listed in the permit (permit #20063002). The next monitoring report will be submitted by April 15, 2009

Explain Method for preserving samples: Samples were securely closed, labeled, and placed on ice. Samples were kept chilled and sent to the laboratory on the day of sampling.

Sampling preservation: VOC (HCl), Metals (HNO3), TPH (none), BOD (none)

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988

Signature of Principal
Executive or Authorized Agent

David Koury

Project Manager

Type Name and Title

3/11/09

Date

PVSC FORM MR-I REV: 5 3/91 P2

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Analytical Results Summary

Client ID: **20630002-1_Grab**
Site: Newark PVSC

Lab Sample No: **982708**
Lab Job No: E671

Date Sampled: 02/06/09
Date Received: 02/06/09
Date Analyzed: 02/11/09
GC Column: Rtx-VMS
Instrument ID: VOAMS3.i
Lab File ID: c34901.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Methyl Chloride	ND	0.4
Methyl Bromide	ND	0.4
Vinyl Chloride	ND	0.2
Chloroethane	ND	0.4
Methylene Chloride	ND	0.4
1,1-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.2
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.4
Carbon Tetrachloride	ND	0.3
Dichlorobromomethane	ND	0.2
1,2-Dichloropropane	ND	0.5
cis-1,3-Dichloropropene	ND	0.1
Trichloroethene	ND	0.4
Chlorodibromomethane	ND	0.3
1,1,2-Trichloroethane	ND	0.2
Benzene	0.6	0.2
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.2
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.4
Toluene	0.4	0.3
Chlorobenzene	ND	0.2
Ethylbenzene	ND	0.4
Acrolein	ND	6.6
Acrylonitrile	ND	3.1

Client ID: **20630002-1 Comp**
Site: **Newark PVSC**

Lab Sample No: 982709
Lab Job No: E671

Date Sampled: 02/06/09
Date Received: 02/06/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Cadmium	ND	0.50		P
Copper	ND	3.1		P
Lead	ND	2.2		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
Sdg Number: 220-8005

General Chemistry

Client Sample ID: **20630002-1 Grab**

Lab Sample ID: 220-8005-1
Client Matrix: Water

Date Sampled: 02/06/2009 1315
Date Received: 02/10/2009 1011

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
TPH	5.0	U	mg/L	0.62	5.0	1.0	1664A
Anly Batch: 220-24276		Date Analyzed		02/11/2009 1545			
SGT HEM (Oil and Grease - Nonpolar)	5.0	U	mg/L	0.62	5.0	1.0	1664A
Anly Batch: 220-24276		Date Analyzed		02/11/2009 1545			

General Information

Chain of Custody

Laboratory Chronicles

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E671 **Site:** Newark PVSC

Client: Creamer Environmental, Inc.

VOAMS

WATER - 624

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
982708	2/6/2009	2/6/2009			2/11/2009	Del Polito, Vita	2095

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E671
Site: Newark PVSC
Client: Creamer Environmental, Inc.
Date Sampled: 2/6/2009
Sample No.: 982709
Date Received: 2/6/2009
Matrix: WATER

METALS

Analytic Parameter	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
MERCURY	2/11/2009	Sanagavarapu, Suguna	2/11/2009	Sanagavarapu, Suguna	25859
CADMIUM	2/11/2009	Yang, Qin	2/12/2009	Polidori, Michael	25859
COPPER	2/11/2009	Yang, Qin	2/12/2009	Polidori, Michael	25859
LEAD	2/11/2009	Yang, Qin	2/12/2009	Polidori, Michael	25859
NICKEL	2/11/2009	Yang, Qin	2/12/2009	Polidori, Michael	25859
ZINC	2/11/2009	Yang, Qin	2/12/2009	Polidori, Michael	25859

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E671 **Site:** Newark PVSC

Client: Creamer Environmental, Inc.

WET CHEM

BOD

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
982709	2/6/2009	2/06/2009			2/6/2009	Staib, Patricia	1829

INTERNAL CUSTODY RECORD
AND
LABORATORY CHRONICLE
TestAmerica Edison

777 New Durham Road, Edison, New Jersey
08817

Job No: E671 **Site:** Newark PVSC

Client: Creamer Environmental, Inc.

SUB

1664 SGT HEM sent to TestAmerica Connecticut

Lab Sample ID	Date Sampled	Date Received	Preparation Date	Technician's Name	Analysis Date	Analyst's Name	QA Batch
WATER							
982708	2/6/2009	2/06/2009					

Methodology Review

Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides,PCBs & Herbicides:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for Organochlorine Pesticides and Method 8082 for PCBs. Organochlorine Herbicides are analyzed using SW846 Method 8151A.

Total Petroleum Hydrocarbons:

Unless otherwise specified, water and solid samples are analyzed for Total Petroleum Hydrocarbons using NJDEP Method OQA-QAM-025, "Quantitation of Semi-Volatile Petroleum Products in Water, Soil, Sediment and Sludge".

Diesel Range Organics (DRO) and Gasoline Range Organics (GRO):

Soil and water samples are analyzed for DRO and GRO as the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8015B (Non-Halogenated Organics Using GC/FID).

Metals Analysis:

Metals analyses are performed by any of three techniques specified by a Method Code provided on each data report page, as follows:

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)- Mass Spectrometry (MS)

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020) and "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition), as appropriate. Solid samples are prepared and analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition).

Specific method references for ICP analyses are:

Water Matrix - EPA 200.7/SW846 6010B
Solid Matrix - SW846 6010B

The method reference for ICP-MS analysis is:

Non-Potable Water Matrix - EPA 200.8

Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/7470A and solid Method 7471A.

Cyanide:

Drinking water and wastewater samples are analyzed for cyanide using EPA Method 335. Cyanide is determined in solid samples using SW846 Method 9012A/9012B.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.1. Total phenols are determined in water by use of SW846 Methods 9065+9066, as appropriate.

Hexavalent Chromium

Water samples are analyzed for hexavalent chromium using SW846 Method 7196A, SW846 Method 7199 or USGS Method I-1232-85. Hexavalent chromium in solid samples is determined using the SW846 Method 3060A preparation followed by analysis via SW846 Method 7196A or 7199.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S. EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability	Method 1020 Method 1030
Corrosivity	Water pH Method 9040B Soil pH Method 9045C
Toxicity Characteristic Leaching Procedure	Method 1311
Synthetic Precipitation Leaching Procedure	Method 1312

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 18th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

ORGANIC DATA REPORTING QUALIFIERS

ND - The compound was not detected at the indicated concentration.

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

ND - The compound was not detected at the indicated concentration.

B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

+ - Correlation coefficient for MSA is less than 0.995.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

(continued)

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

MS - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)-Mass Spectrometry (MS).

Non-Conformance Summary

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Nonconformance Summary

TestAmerica Edison Job # : E671

Client: Creamer Environmental, Inc.

Date: 2/19/2009

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

All data conforms with method requirements.

Metals:

All data conforms with method requirements.

Wet Chemistry:

All data conforms with method requirements.

Sub Work:

See Sublab Case Narrative.

I certify that the test results contained in this data package meet all requirements of NELAC both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Director or their designee, as verified by the following signature.

Alison E. Sedlak

Alison Sedlak
Project Manager

GC/MS Forms and Data (Volatiles)

Results Summary and Chromatograms

Client ID: **20630002-1_Grab**
Site: Newark PVSC

Lab Sample No: **982708**
Lab Job No: E671

Date Sampled: 02/06/09
Date Received: 02/06/09
Date Analyzed: 02/11/09
GC Column: Rtx-VMS
Instrument ID: VOAMS3.i
Lab File ID: c34901.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Methyl Chloride	ND	0.4
Methyl Bromide	ND	0.4
Vinyl Chloride	ND	0.2
Chloroethane	ND	0.4
Methylene Chloride	ND	0.4
1,1-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
Chloroform	ND	0.2
1,2-Dichloroethane	ND	0.3
1,1,1-Trichloroethane	ND	0.4
Carbon Tetrachloride	ND	0.3
Dichlorobromomethane	ND	0.2
1,2-Dichloropropane	ND	0.5
cis-1,3-Dichloropropene	ND	0.1
Trichloroethene	ND	0.4
Chlorodibromomethane	ND	0.3
1,1,2-Trichloroethane	ND	0.2
Benzene	0.6	0.2
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.2
Bromoform	ND	0.2
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.4
Toluene	0.4	0.3
Chlorobenzene	ND	0.2
Ethylbenzene	ND	0.4
Acrolein	ND	6.6
Acrylonitrile	ND	3.1

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34901.d
Report Date: 12-Feb-2009 11:36

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34901.d
Lab Smp Id: 982708 Client Smp ID: 20630002-1_Grab
Inj Date : 11-FEB-2009 05:00
Operator : Inst ID: VOAMS3.i
Smp Info : 982708
Misc Info : E671;2095;;VDP
Comment :
Method : /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/624_08.m
Meth Date : 12-Feb-2009 10:19 pritch Quant Type: ISTD
Cal Date : 09-FEB-2009 12:52 Cal File: c34797.d
Als bottle: 52
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: TTO.sub
Target Version: 3.50

VM 2/18/09

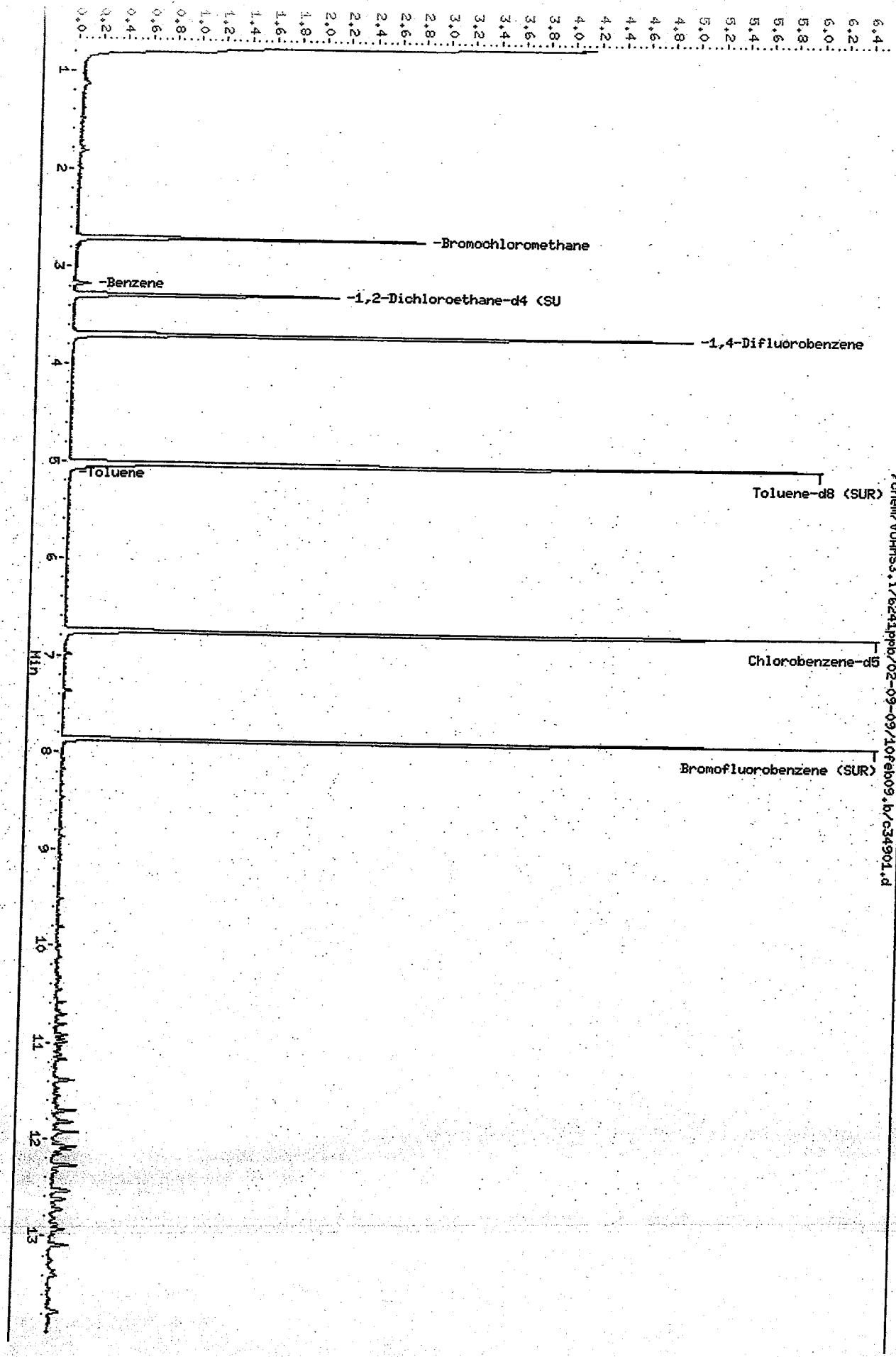
Concentration Formula: Amt * DF * 5/Vo * CpndVariable

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 2 Bromochloromethane	128	2.706	2.702	(1.000)	69149	30.0000	
$ 16 1,2-Dichloroethane-d4 (SUR)	104	3.288	3.287	(0.889)	19477	31.0553	31
28 Benzene	78	3.176	3.172	(0.859)	9492	0.57852	0.58
* 19 1,4-Difluorobenzene	114	3.698	3.698	(1.000)	388099	30.0000	
$ 37 Toluene-d8 (SUR)	98	5.023	5.023	(0.744)	394476	29.5867	30
38 Toluene	91	5.079	5.075	(0.752)	7489	0.40557	0.40
* 32 Chlorobenzene-d5	117	6.751	6.751	(1.000)	340688	30.0000	
$ 41 Bromofluorobenzene (SUR)	174	7.867	7.867	(1.165)	154110	29.8890	30

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34901.d
Date : 11-FEB-2009 05:00
Client ID: 20630002-1_Grab
Sample Info: 982708
Purge Volume: 5.0
Column phase: Rtx-VMS



/chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34901.d

Instrument: VOAMS3.i
Operator:
Column diameter: 0.18

E671

Date : 11-FEB-2009 05:00

Client ID: 20630002-1_Grab

Instrument: VOAMS3.i

Sample Info: 982708

Purge Volume: 5.0

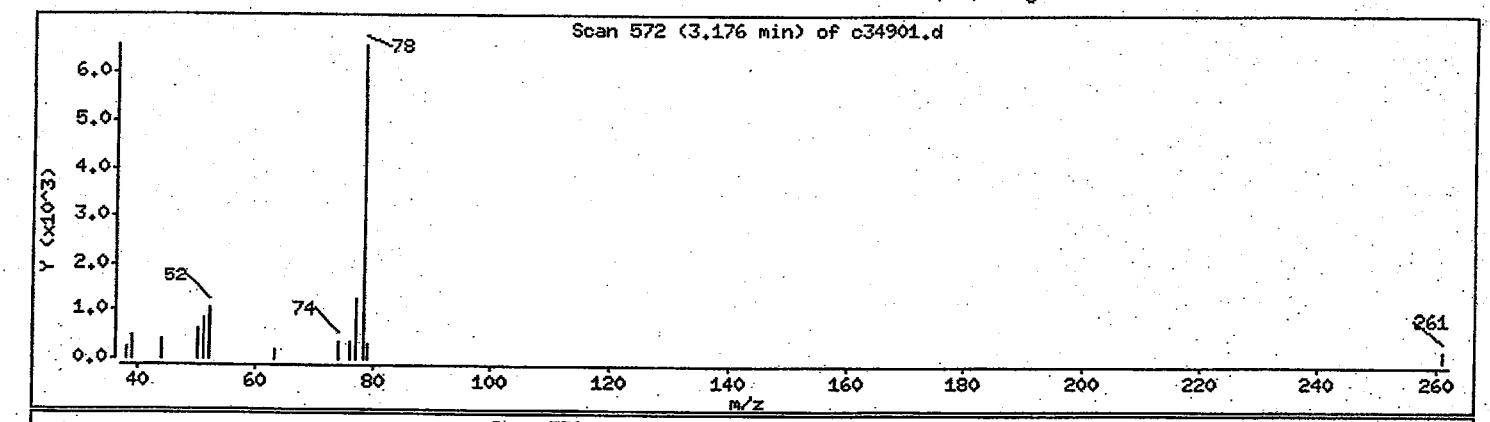
Operator:

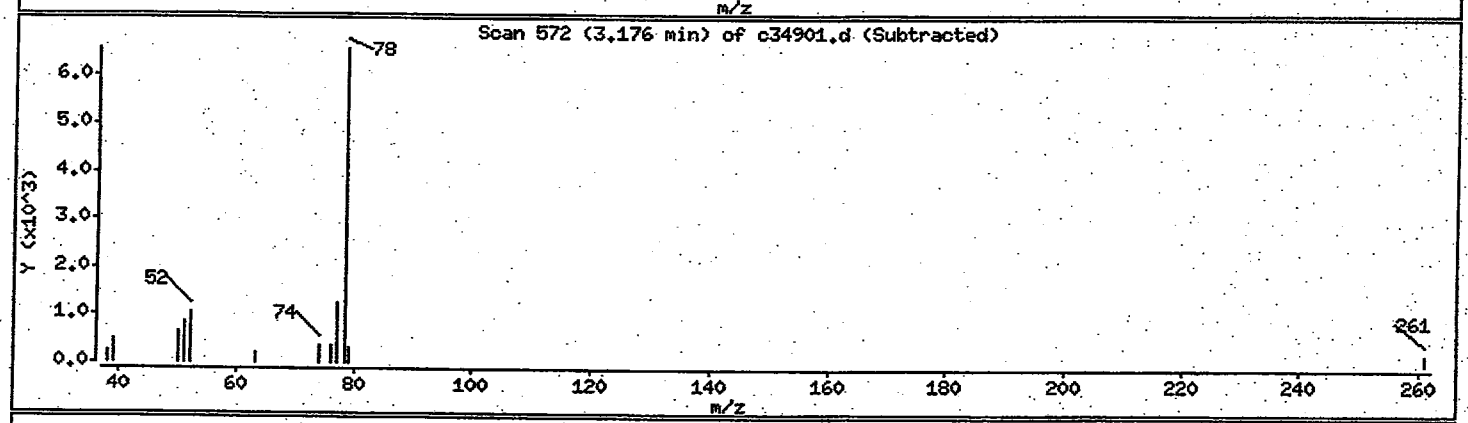
Column phase: Rtx-VMS

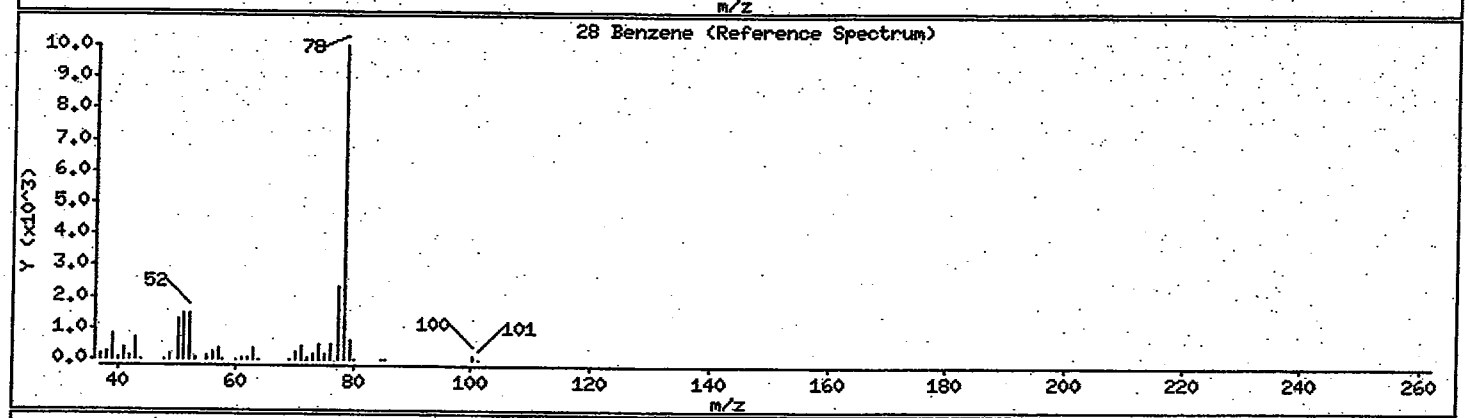
Column diameter: 0.18

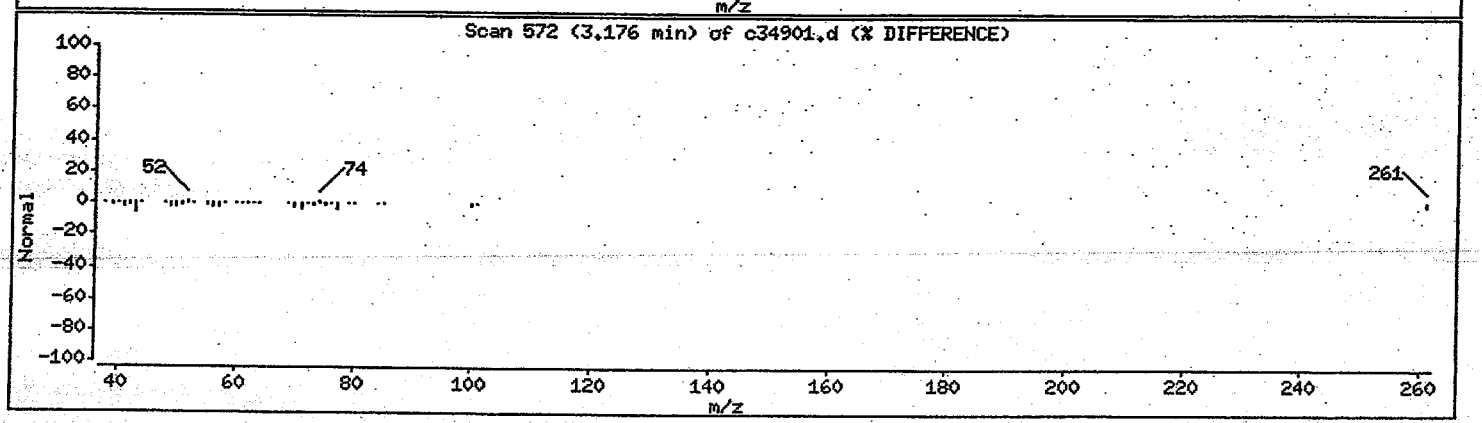
28 Benzene

Concentration: 0.58 ug/L









Date : 11-FEB-2009 05:00

Client ID: 20630002-1_Grab

Instrument: VOAMS3.i

Sample Info: 982708

Purge Volume: 5.0

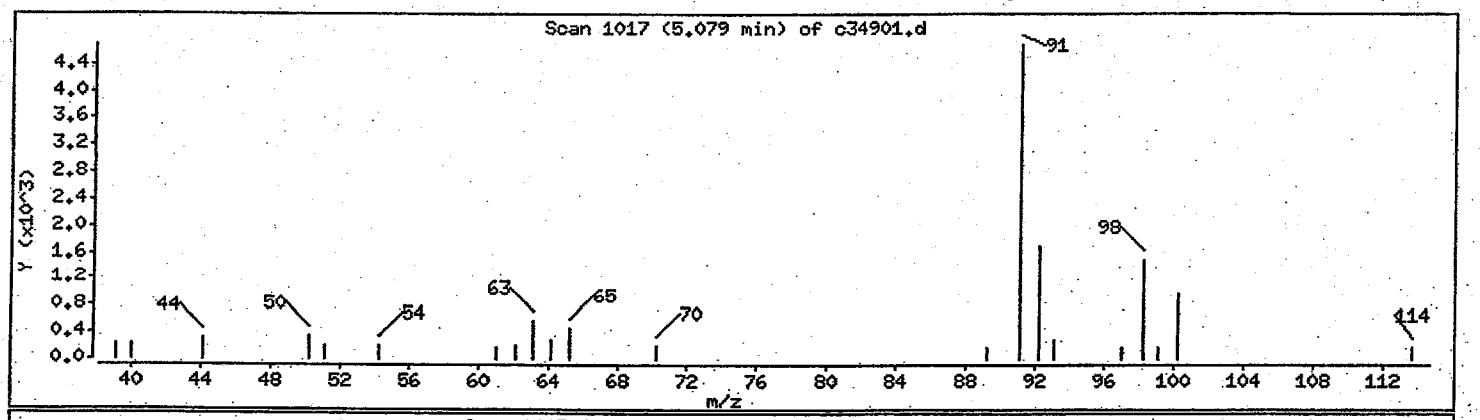
Operator:

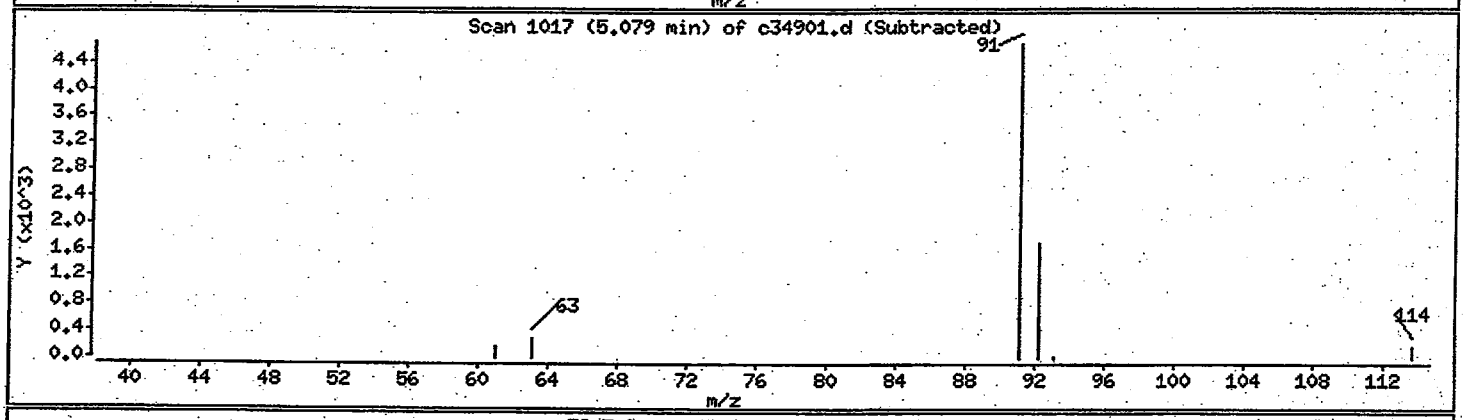
Column phase: Rtx-VMS

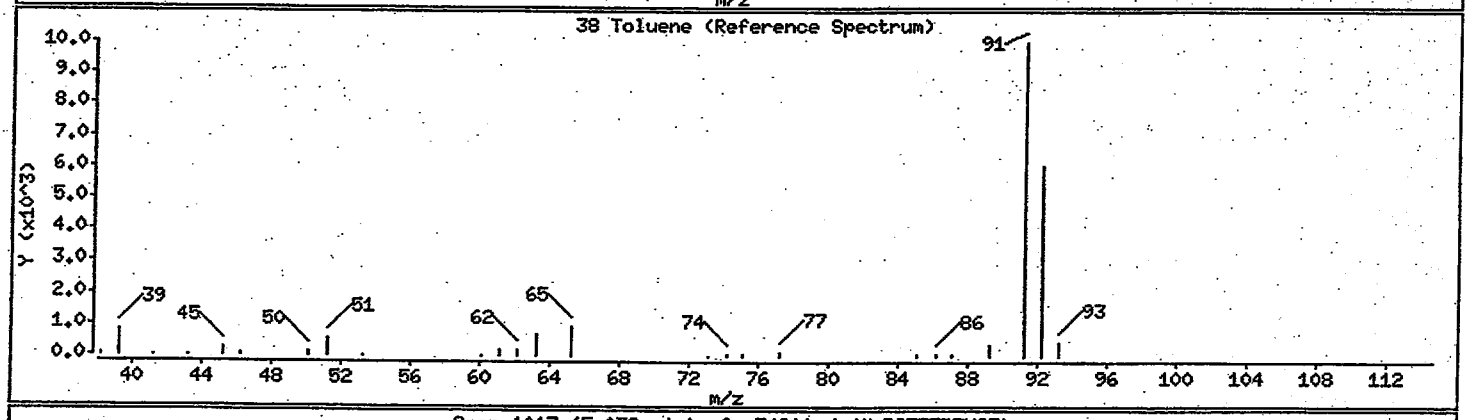
Column diameter: 0.18

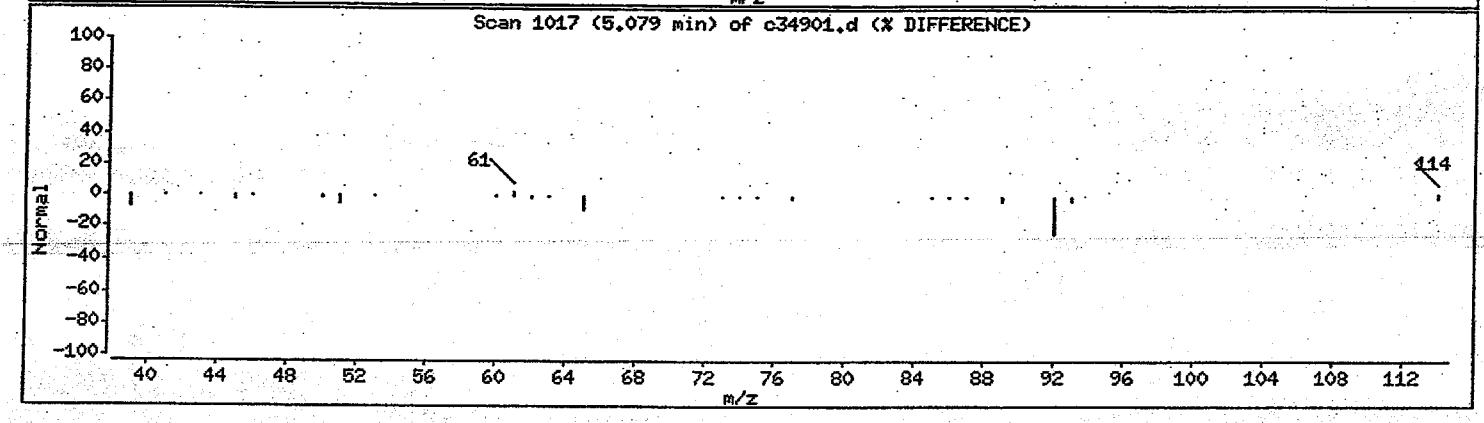
38 Toluene

Concentration: 0.40 ug/L









Tuning Results Summary

BROMOFLUOROBENZENE (BFB)

Lab File ID: C34783

Instrument ID: VOAMS3

BFB Injection Date: 02/09/09

BFB Injection Time: 0655

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.6
75	30.0 - 60.0% of mass 95	45.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (0.3)1
174	50.0 - 100.0% of mass 95	97.2
175	5.0 - 9.0% of mass 174	7.3 (7.5)1
176	95.0 - 101.0% of mass 174	97.1 (99.9)1
177	5.0 - 9.0% of mass 176	6.2 (6.4)2

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

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

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CSTD005	CSTD005	C34785	02/09/09	0758
02	CSTD001	CSTD001	C34786	02/09/09	0820
03	CSTD050	CSTD050	C34789	02/09/09	0927
04	CSTD200	CSTD200	C34790	02/09/09	0949
05	CSTD500	CSTD500	C34791	02/09/09	1011
06	CSTD020	CSTD020	C34797	02/09/09	1252
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: C:\Chem\VOAMS3.i\6241ppb\02-09-09\09feb09.b\c34783.d

Date : 09-FEB-2009 06:55

Client ID:

Instrument: VOAMS3.i

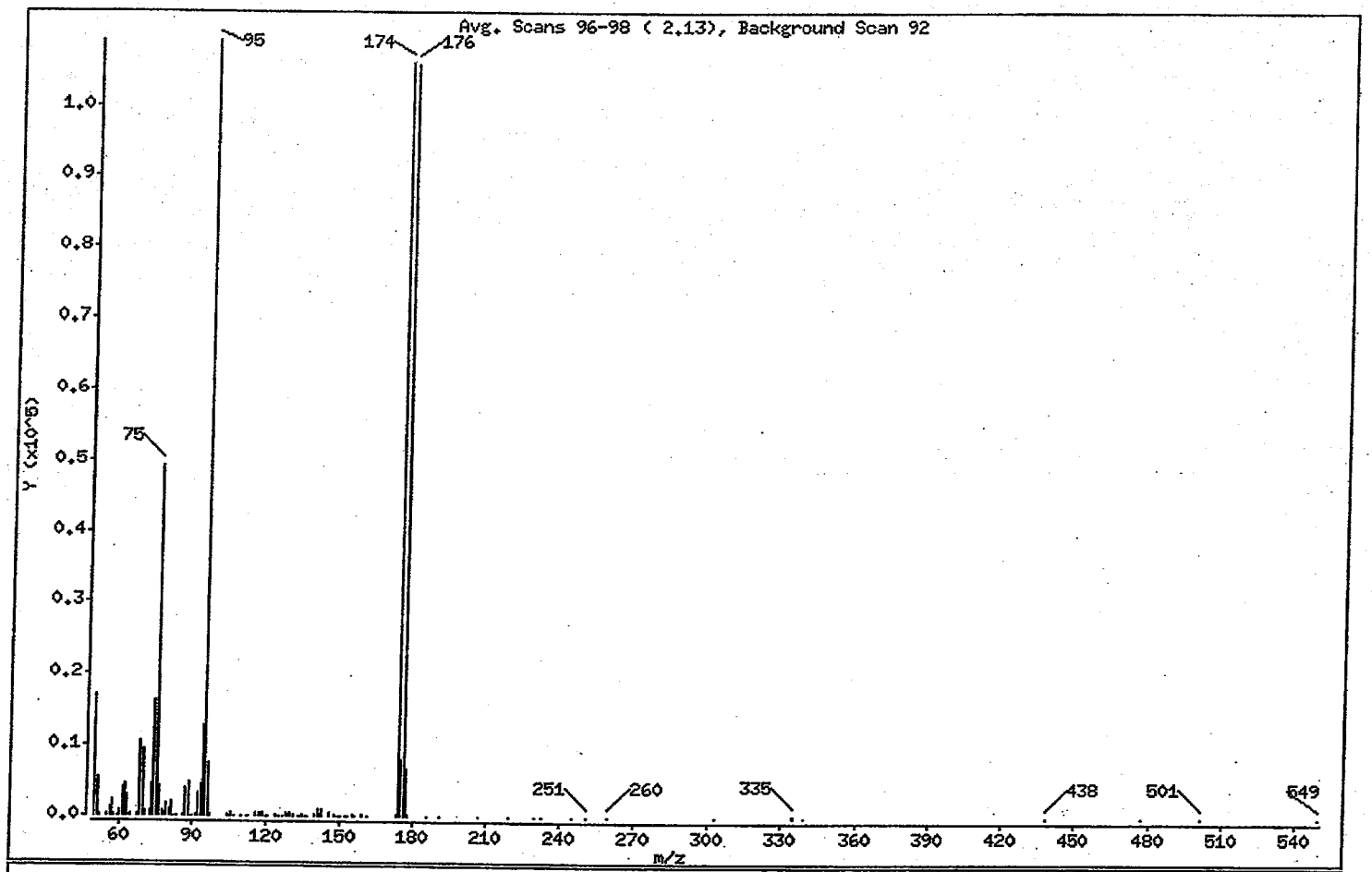
Sample Info: CBFB040

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.57
75	30.00 - 60.00% of mass 95	45.22
96	5.00 - 9.00% of mass 95	6.84
173	Less than 2.00% of mass 174	0.34 (0.35)
174	50.00 - 100.00% of mass 95	97.22
175	5.00 - 9.00% of mass 174	7.29 (7.50)
176	95.00 - 101.00% of mass 174	97.08 (99.86)
177	5.00 - 9.00% of mass 176	6.22 (6.40)

Data File: [illegible]

Date : 09-FEB-2009 06:55

Client ID:

Instrument: VOAMS3.i

Sample Info: CBFB040

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: c34783.d

Spectrum: Avg. Scans 96-98 (2.13), Background Scan 92

Location of Maximum: 95.00

Number of points: 101

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	16960	81.00	2097	121.00	50	161.00	50
51.00	5405	82.00	119	124.00	163	173.00	367
52.00	346	83.00	52	125.00	71	174.00	105904
55.00	301	86.00	228	127.00	119	175.00	7940
56.00	1132	87.00	4105	128.00	514	176.00	105760
57.00	2318	88.00	4768	129.00	336	177.00	6773
58.00	133	90.00	54	130.00	475	178.00	129
59.00	54	91.00	160	131.00	173	186.00	50
60.00	854	92.00	3314	133.00	61	191.00	73
61.00	4103	93.00	4398	134.00	85	207.00	74
62.00	4487	94.00	12908	135.00	212	219.00	58
63.00	3125	95.00	108936	136.00	54	230.00	58
64.00	306	96.00	7449	137.00	72	233.00	59
67.00	326	97.00	180	140.00	141	245.00	60
68.00	10651	104.00	321	141.00	935	251.00	70
69.00	9612	105.00	117	142.00	311	260.00	68
70.00	725	106.00	501	143.00	1104	303.00	74
72.00	674	107.00	76	146.00	393	335.00	146
73.00	4495	110.00	83	148.00	171	339.00	50
74.00	16354	112.00	111	149.00	77	438.00	75
75.00	49256	113.00	71	150.00	105	477.00	57
76.00	4317	116.00	484	152.00	79	501.00	63
77.00	777	117.00	558	153.00	12	549.00	59
78.00	531	118.00	435	155.00	288		
79.00	1674	119.00	577	156.00	50		
80.00	941	120.00	71	159.00	166		

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/09feb09.b/o34783.d

Date : 09-FEB-2009 06:55

Client ID:

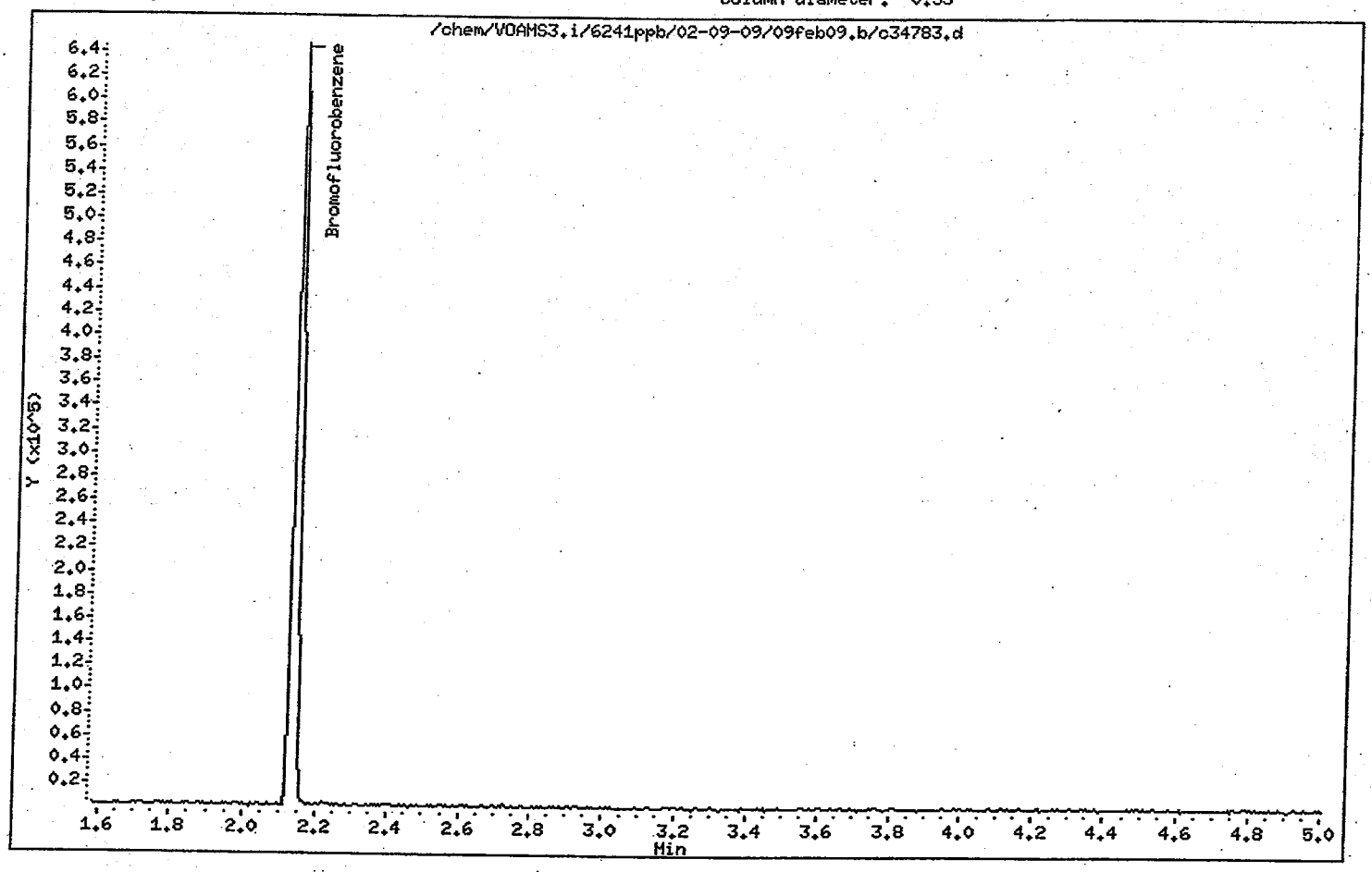
Instrument: VOAMS3.i

Sample Info: CBFB040

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



BROMOFLUOROBENZENE (BFB)

Lab File ID: C34845

BFB Injection Date: 02/10/09

Instrument ID: VOAMS3

BFB Injection Time: 0704

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.5
75	30.0 - 60.0% of mass 95	42.7
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	0.0 (0.0)1
174	50.0 - 100.0% of mass 95	99.4
175	5.0 - 9.0% of mass 174	7.3 (7.4)1
176	95.0 - 101.0% of mass 174	96.5 (97.1)1
177	5.0 - 9.0% of mass 176	6.8 (7.1)2

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

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

	CLIENT ID	LAB SAMPLE No.	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	CSTD041	CSTD041	C34850	02/10/09	0948
02	CV041B	CV041B	C34883	02/10/09	2223
03	20630002-1_G	982708	C34901	02/11/09	0500
04					
05					
06					
07					
08					
09					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34845.d

Date : 10-FEB-2009 07:04

Client ID:

Instrument: VOAMS3.i

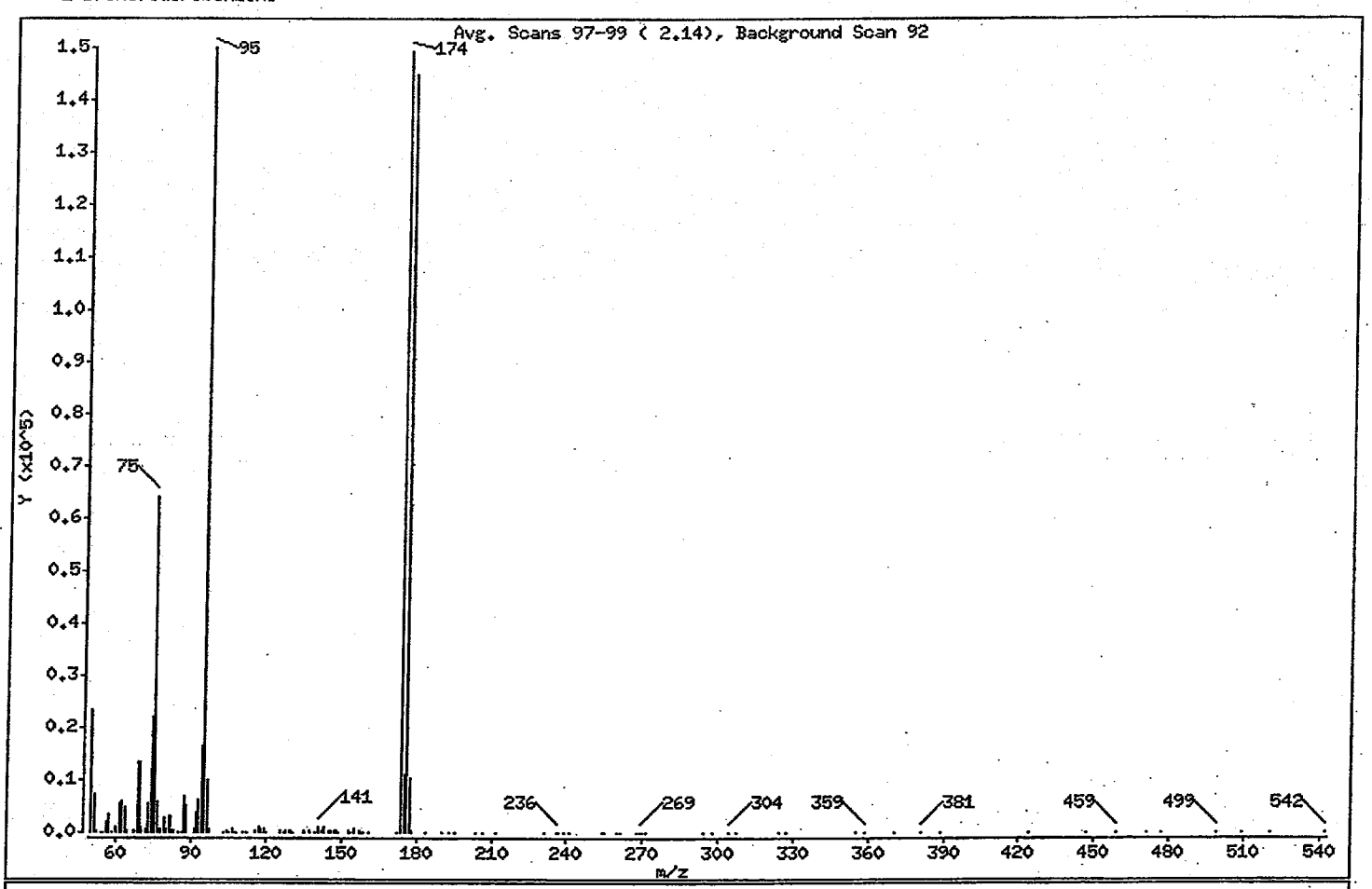
Sample Info: CBFB041

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

1 Bromofluorobenzene



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	15.52
75	30.00 - 60.00% of mass 95	42.72
96	5.00 - 9.00% of mass 95	6.72
173	Less than 2.00% of mass 174	0.00 (0.00)
174	50.00 - 100.00% of mass 95	99.41
175	5.00 - 9.00% of mass 174	7.35 (7.39)
176	95.00 - 101.00% of mass 174	96.48 (97.05)
177	5.00 - 9.00% of mass 176	6.81 (7.06)

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34845.d

Date : 10-FEB-2009 07:04

Client ID:

Instrument: VOAMS3.i

Sample Info: CBFB041

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53

Data File: c34845.d

Spectrum: Avg. Scans 97-99 (2.14), Background Scan 92

Location of Maximum: 95.00

Number of points: 124

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	23312	88.00	5225	142.00	406	254.00	58
51.00	7282	91.00	591	143.00	1159	255.00	56
52.00	367	92.00	3918	145.00	183	260.00	50
54.00	100	93.00	6243	146.00	198	261.00	56
55.00	166	94.00	16672	147.00	216	268.00	56
56.00	2038	95.00	150144	148.00	190	269.00	76
57.00	3282	96.00	10094	149.00	164	270.00	58
58.00	111	97.00	586	153.00	177	271.00	73
60.00	997	103.00	153	154.00	52	294.00	66
61.00	5366	104.00	441	155.00	616	298.00	56
62.00	5969	105.00	133	157.00	347	304.00	91
63.00	4759	106.00	528	158.00	158	307.00	63
64.00	362	107.00	114	159.00	75	324.00	67
67.00	469	108.00	52	161.00	156	327.00	64
68.00	13351	111.00	98	172.00	117	355.00	54
69.00	13515	112.00	95	174.00	149312	359.00	61
70.00	1123	116.00	455	175.00	11038	370.00	56
72.00	643	117.00	983	176.00	144896	381.00	53
73.00	5357	118.00	586	177.00	10227	389.00	50
74.00	22048	119.00	563	178.00	264	424.00	51
75.00	64168	120.00	66	184.00	82	447.00	57
76.00	6040	126.00	201	190.00	65	459.00	58
77.00	750	127.00	93	193.00	57	471.00	80
78.00	667	128.00	312	195.00	70	477.00	73
79.00	2858	129.00	187	204.00	51	499.00	101
80.00	555	130.00	457	207.00	116	509.00	51
81.00	2934	131.00	63	212.00	80	521.00	52
82.00	361	135.00	233	231.00	51	542.00	60
83.00	174	137.00	242	236.00	78		
85.00	51	139.00	67	237.00	75		
86.00	145	140.00	148	239.00	54		
87.00	6927	141.00	1203	241.00	51		

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34845.d

Date : 10-FEB-2009 07:04

Client ID:

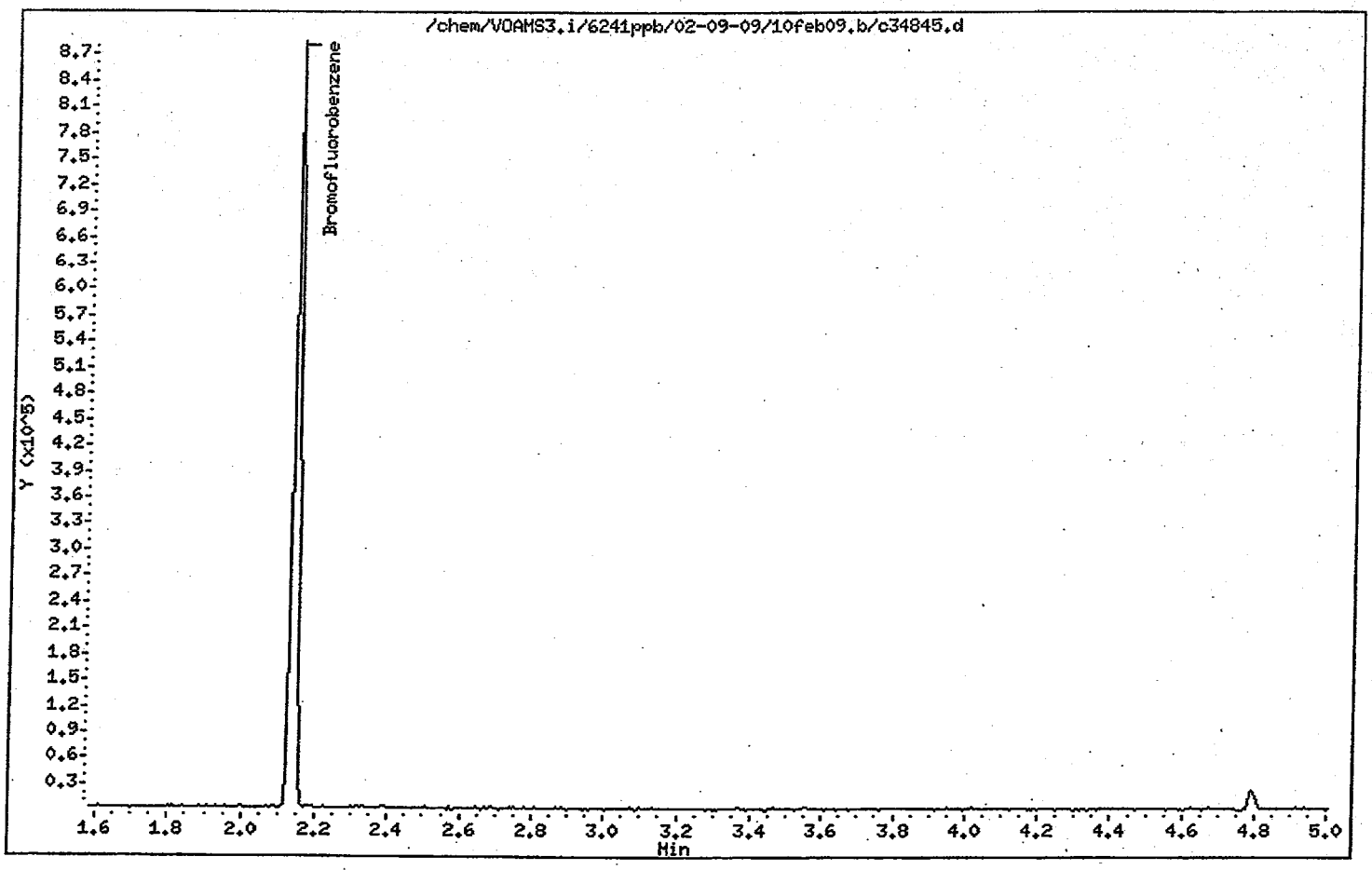
Instrument: VOAMS3.i

Sample Info: CBFB041

Operator: VOAMS 1

Column phase: DB-624

Column diameter: 0.53



Method Blank Results Summary

VOLATILE METHOD BLANK SUMMARY

CV041B

Matrix: WATER

Level: LOW

Lab File ID: C34883

Instrument ID: VOAMS3

Date Analyzed: 02/10/09

Time Analyzed: 2223

Heated Purge (Y/N) N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS and MSD:

	CLIENT ID.	LAB SAMPLE NO	LAB FILE ID	TIME ANALYZED
01	20630002-1_GRAB	982708	C34901	0500
02				
03				
04				
05				
06				
07				
08				
09				
10				
11				
12				
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28				
29				
30				

COMMENTS:

Client ID: **CV041B**
Site:

Lab Sample No: **CV041B**
Lab Job No: E671

Date Sampled: _____
Date Received: _____
Date Analyzed: 02/10/09
GC Column: Rtx-VMS
Instrument ID: VOAMS3.i
Lab File ID: c34883.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Chloromethane	ND	0.4
Bromomethane	ND	0.4
Vinyl Chloride	ND	0.2
Chloroethane	ND	0.4
Methylene Chloride	ND	0.4
Acetone	ND	1.5
Carbon Disulfide	ND	0.4
Trichlorofluoromethane	ND	0.4
1,1-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.3
trans-1,2-Dichloroethene	ND	0.4
cis-1,2-Dichloroethene	ND	0.3
Chloroform	ND	0.2
1,2-Dichloroethane	ND	0.3
2-Butanone	ND	1.3
1,1,1-Trichloroethane	ND	0.4
Carbon Tetrachloride	ND	0.3
Bromodichloromethane	ND	0.2
1,2-Dichloropropane	ND	0.5
cis-1,3-Dichloropropene	ND	0.1
Trichloroethene	ND	0.4
Dibromochloromethane	ND	0.3
1,1,2-Trichloroethane	ND	0.2
Benzene	ND	0.2
trans-1,3-Dichloropropene	ND	0.2
2-Chloroethyl Vinyl Ether	ND	0.2
Bromoform	ND	0.2
4-Methyl-2-Pentanone	ND	0.7
2-Hexanone	ND	0.7
Tetrachloroethene	ND	0.4
1,1,2,2-Tetrachloroethane	ND	0.4
Toluene	ND	0.3
Chlorobenzene	ND	0.2
Ethylbenzene	ND	0.4

Client ID: **CV041B**
Site:

Lab Sample No: **CV041B**
Lab Job No: E671

Date Sampled: _____
Date Received: _____
Date Analyzed: 02/10/09
GC Column: Rtx-VMS
Instrument ID: VOAMS3.i
Lab File ID: c34883.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Styrene	ND	0.4
Xylene (Total)	ND	0.4
Ethyl Ether	ND	0.4
Acrolein	ND	6.6
Freon TF	ND	0.7
Isopropanol	ND	1000
Acetonitrile	ND	100
TBA	ND	6.5
Acrylonitrile	ND	3.1
MTBE	ND	0.3
Hexane	ND	0.4
DIPE	ND	0.3
Ethyl Acetate	ND	0.6
Vinyl Acetate	ND	0.4
Tetrahydrofuran	ND	5.0
Cyclohexane	ND	0.6
Isobutanol	ND	1000
Isopropyl Acetate	ND	0.8
n-Heptane	ND	5.0
n-Butanol	ND	88
Propyl Acetate	ND	0.7
Butyl Acetate	ND	0.8
1,2-Dibromoethane	ND	0.4
1,3-Dichlorobenzene	ND	0.4
1,4-Dichlorobenzene	ND	0.4
1,2-Dichlorobenzene	ND	0.5
Naphthalene	ND	0.5
Methylnaphthalene (total)	ND	1.0
Dimethylnaphthalene (total)	ND	1.0
Dichlorodifluoromethane	ND	0.3
1,4-Dioxane	ND	76
n-Pentane	ND	0.8
5-Methyl-2-Hexanone	ND	5.0
Isopropylbenzene	ND	0.5

Client ID: **CV041B**
Site:

Lab Sample No: **CV041B**
Lab Job No: E671

Date Sampled: _____
Date Received: _____
Date Analyzed: 02/10/09
GC Column: Rtx-VMS
Instrument ID: VOAMS3.i
Lab File ID: c34883.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
1,2,4-Trimethylbenzene	ND	0.5
Cyclohexanone	ND	100
1,2,4-Trichlorobenzene	ND	0.5
Methyl Methacrylate	ND	0.5
Allyl Alcohol	ND	1000
Epichlorohydrin	ND	6.7
Allyl Chloride	ND	5.0
Benzyl Chloride	ND	0.2
Isoprene	ND	0.6
1,1,1,2-Tetrachloroethane	ND	0.3
Camphene (total)	ND	5.0
Camphor	ND	25
1,3,5-Trimethylbenzene	ND	0.5
1,2,3-Trichlorobenzene	ND	0.5
n-Butylbenzene	ND	0.6
sec-Butylbenzene	ND	0.5
tert-Butylbenzene	ND	0.6
p-Isopropyltoluene	ND	0.5
n-Propylbenzene	ND	0.6
m+p-Ethyltoluene	ND	5.0
o-Ethyltoluene	ND	5.0
Methyl Acetate	ND	0.7
Methyl cyclohexane	ND	0.8
1,2-Dibromo-3-chloropropane	ND	0.7
Cyclohexene	ND	5.0
1,2-Dichlorotrifluoroethane	ND	5.0
n-Propanol	ND	1000
3-Methyl-1-Pentyn-3-ol	ND	250
Propylene Oxide	ND	50
Ethanol	ND	1000
Chlorotrifluoroethane	ND	5.0
Dichlorofluoromethane	ND	5.0
Ethylene Oxide	ND	500
Methyl Formate	ND	500

Client ID: **CV041B**
Site:

Lab Sample No: **CV041B**
Lab Job No: E671

Date Sampled: _____
Date Received: _____
Date Analyzed: 02/10/09
GC Column: Rtx-VMS
Instrument ID: VOAMS3.i
Lab File ID: c34883.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS (cont'd)
METHOD 624

Parameter	Analytical Result Units: ug/l	Method Detection Limit Units: ug/l
Isobutyraldehyde	ND	5.0
Amyl Acetate	ND	0.4
1,2,3-Trichloropropane	ND	0.5
Chlorodifluoromethane	ND	5.0
1,3-Dichloropropane	ND	0.4
Dibromomethane	ND	0.3
1-Propene	ND	0.4
2-Chloropropane	ND	0.3
1-Chloropropane	ND	0.3
Hexachlorobutadiene	ND	5.0
2-Chlorotoluene	ND	0.3
4-Chlorotoluene	ND	0.4
1,1-Dichloropropene	ND	5.0
Bromobenzene	ND	0.4
2,2-Dichloropropane	ND	0.3
Iodomethane	ND	0.5
Ethyl Acrylate	ND	0.5
Butyl Acrylate	ND	0.5
Butyl Methacrylate	ND	0.5

Client ID: CV041B
Site:

Lab Sample No: CV041B
Lab Job No: E671

Date Sampled: _____
Date Received: _____
Date Analyzed: 02/10/09
GC Column: Rtx-VMS
Instrument ID: VOAMS3.i
Lab File ID: c34883.d

Matrix: WATER
Level: LOW
Purge Volume: 5.0 ml
Dilution Factor: 1.0

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 624

COMPOUND NAME	RT	EST. CONC. ug/l	Q
1. NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
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24.			
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26.			
27.			
28.			
29.			
30.			

TOTAL ESTIMATED CONCENTRATION 0.0

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34883.d
Report Date: 12-Feb-2009 11:35

TestAmerica

VOLATILE ORGANIC COMPOUND ANALYSIS

Data file : /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/c34883.d
Lab Smp Id: CV041B Client Smp ID: CV041B
Inj Date : 10-FEB-2009 22:23
Operator : Inst ID: VOAMS3.i
Smp Info : CV041B
Misc Info :
Comment :
Method : /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/624_08.m
Meth Date : 12-Feb-2009 10:19 pritch Quant Type: ISTD
Cal Date : 09-FEB-2009 12:52 Cal File: c34797.d
Als bottle: 34 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 3.50

VMB 2/18/09

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

Name	Value	Description
DF	1.00000	Dilution Factor
Vo	5.00000	Sample Volume

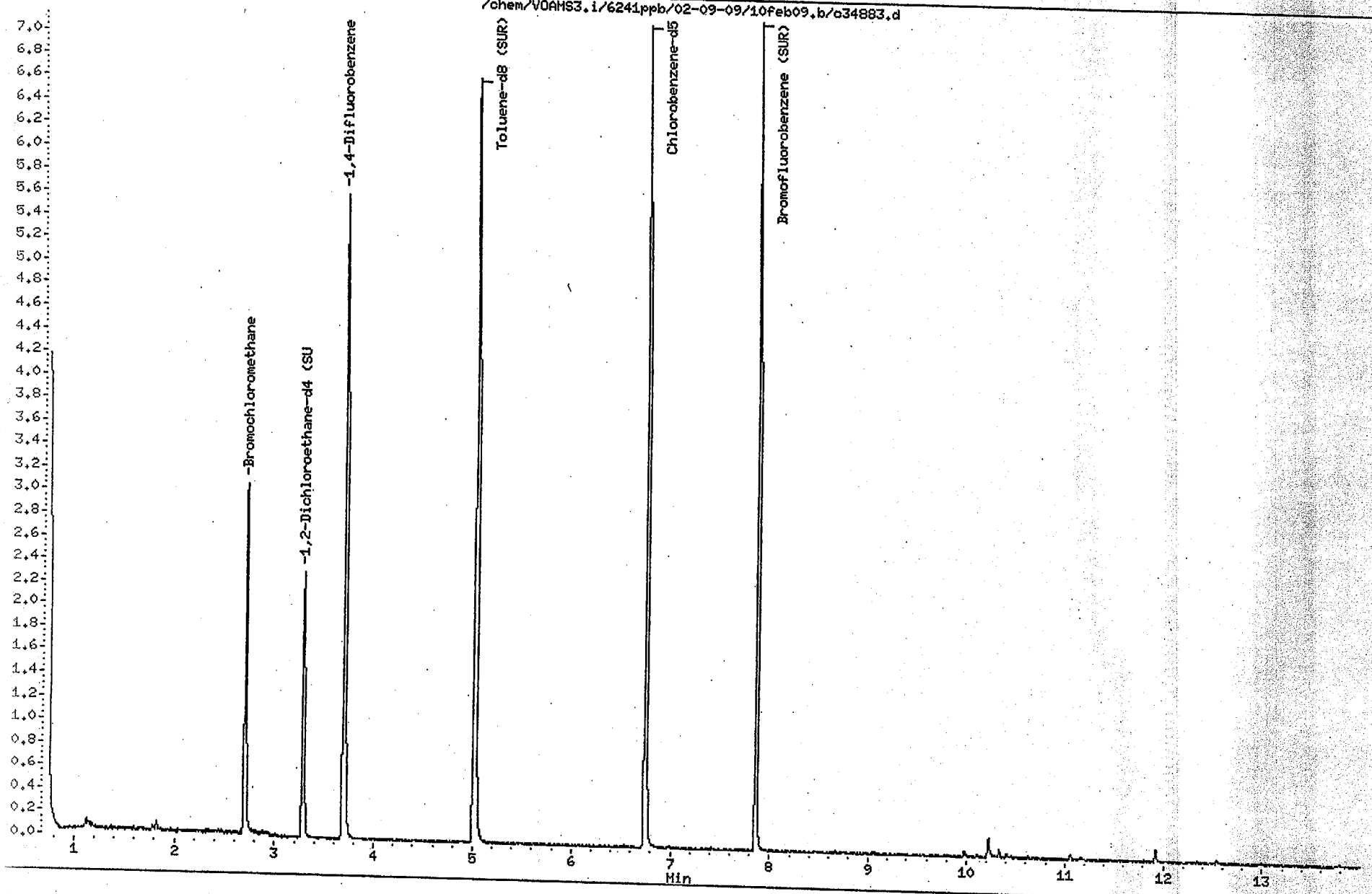
Cpnd Variable Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ug/L)	FINAL (ug/L)
* 2 Bromochloromethane	128	2.706	2.702	(1.000)	73993	30.0000	
$ 16 1,2-Dichloroethane-d4 (SUR)	104	3.292	3.287	(0.890)	20377	29.1563	29
* 19 1,4-Difluorobenzene	114	3.698	3.698	(1.000)	432479	30.0000	
$ 37 Toluene-d8 (SUR)	98	5.023	5.023	(0.744)	442424	30.3903	30
* 32 Chlorobenzene-d5	117	6.751	6.751	(1.000)	371994	30.0000	
$ 41 Bromofluorobenzene (SUR)	174	7.867	7.867	(1.165)	168614	29.9499	30

Data File: /chem/VOAMS3.i/6241ppb/02-09-09/10feb09.b/o34883.d
Date : 10-FEB-2009 22:23
Client ID: CV041B
Sample Info: CV041B
Purge Volume: 5.0
Column phase: Rtx-VMS

Instrument: VOAMS3.i

Operator:
Column diameter: 0.18



Calibration Summary

METHOD 624

Instrument ID: VOAMS3 Calibration Date(s): 02/09/09 02/09/09

Heated Purge: (Y/N) N Calibration Time(s): 0758 1252

LAB FILE ID: RRF1: C34786 RRF5: C34785 RRF20: C34797
RRF50: C34789 RRF200: C34790

COMPOUND	RRF1	RRF5	RRF20	RRF50	RRF200
Chloromethane	1.864	1.820	2.051	2.092	1.926
Bromomethane	1.533	1.384	1.211	1.220	1.315
Vinyl Chloride	1.659	1.814	2.006	2.126	1.991
Chloroethane	1.018	1.011	1.062	1.173	1.090
Methylene Chloride		4.416	3.223	2.779	2.329
Acetone	0.211	0.254	0.221	0.241	0.168
Carbon Disulfide	2.712	2.320	3.028	4.790	4.384
Trichlorofluoromethane	2.413	2.400	1.796	2.265	1.133
1,1-Dichloroethene	1.384	1.628	1.794	1.894	1.858
1,1-Dichloroethane	2.924	3.173	3.616	3.616	3.331
trans-1,2-Dichloroethene	1.755	1.934	2.156	2.193	2.093
cis-1,2-Dichloroethene	2.077	2.235	2.415	2.434	2.274
Chloroform	3.041	3.243	3.646	3.667	3.382
1,2-Dichloroethane	0.391	0.419	0.449	0.444	0.423
2-Butanone	0.179	0.234	0.298	0.390	0.320
1,1,1-Trichloroethane	2.312	2.580	3.188	3.361	3.258
Carbon Tetrachloride	1.625	2.033	2.354	2.636	2.754
Bromodichloromethane	0.276	0.316	0.371	0.384	0.401
1,2-Dichloropropane	0.260	0.305	0.315	0.313	0.300
cis-1,3-Dichloropropene	0.322	0.395	0.454	0.468	0.492
Trichloroethene	0.274	0.314	0.348	0.349	0.350
Dibromochloromethane	0.214	0.243	0.292	0.315	0.355
1,1,2-Trichloroethane	0.230	0.255	0.269	0.259	0.251
Benzene	1.100	1.254	1.422	1.383	1.298
trans-1,3-Dichloropropene	0.304	0.374	0.446	0.471	0.498
2-Chloroethyl Vinyl Ether	0.158	0.174	0.162	0.235	0.199
Bromoform	0.102	0.131	0.162	0.187	0.231
4-Methyl-2-Pentanone	0.179	0.228	0.215	0.330	0.278
2-Hexanone	0.148	0.185	0.181	0.272	0.214
Tetrachloroethene	0.388	0.447	0.488	0.504	0.488
1,1,2,2-Tetrachloroethane	0.314	0.344	0.378	0.367	0.360
Toluene	1.738	1.682	1.746	1.677	1.540
Chlorobenzene	1.004	1.050	1.111	1.080	1.012
Ethylbenzene	0.514	0.532	0.604	0.591	0.575
Styrene	0.852	0.974	1.112	1.085	1.028
Xylene (Total)	0.554	0.626	0.706	0.698	0.661
Ethyl Ether	1.604	1.509	1.339	1.935	1.535
Acrolein	0.236	0.252	0.271	0.273	0.271
Freon TF	1.545	1.361	1.772	2.609	2.177

METHOD 624

Instrument ID: VOAMS3 Calibration Date(s): 02/09/09 02/09/09

Heated Purge: (Y/N) N Calibration Time(s): 0758 1252

LAB FILE ID: RRF1: C34786 RRF5: C34785 RRF20: C34797
RRF50: C34789 RRF200: C34790

COMPOUND	RRF1	RRF5	RRF20	RRF50	RRF200
Isopropanol	0.086	0.098	0.095	0.104	0.102
Acetonitrile	0.054	0.054	0.036	0.051	0.041
TBA	0.210	0.227	0.157	0.242	0.194
Acrylonitrile	0.484	0.553	0.562	0.587	0.573
MTBE	5.684	5.805	5.026	7.364	5.775
Hexane	1.418	1.881	1.755	1.860	1.744
DIPE	5.104	4.866	4.675	6.629	5.267
Ethyl Acetate	0.182	0.208	0.178	0.235	0.199
Vinyl Acetate	1.477	1.416	1.384	1.596	1.388
Tetrahydrofuran	0.895	0.774	0.770	0.784	0.668
Cyclohexane	2.479	1.995	2.635	3.914	3.231
Isobutanol					
Isopropyl Acetate	0.450	0.505	0.431	0.642	0.531
n-Heptane	0.181	0.220	0.228	0.226	0.222
n-Butanol	0.022	0.030	0.034	0.041	0.044
Propyl Acetate	0.352	0.393	0.317	0.468	0.389
Butyl Acetate	0.074	0.081	0.076	0.110	0.093
1,2-Dibromoethane	0.280	0.302	0.323	0.324	0.310
1,3-Dichlorobenzene	0.723	0.812	0.847	0.837	0.806
1,4-Dichlorobenzene	0.776	0.871	0.884	0.857	0.815
1,2-Dichlorobenzene	0.738	0.802	0.838	0.809	0.765
Naphthalene	1.316	1.420	1.353	1.352	1.221
Methylnaphthalene (total)	0.784	0.346	0.446	0.550	0.544
Dimethylnaphthalene (total)		0.191	0.146	0.167	0.166
Dichlorodifluoromethane	1.599	1.714	1.917	2.110	2.057
1,4-Dioxane	0.003	0.004	0.003	0.004	0.004
n-Pentane	0.299	0.280	0.222	0.360	0.289
5-Methyl-2-Hexanone					
Isopropylbenzene	1.241	1.487	1.695	1.681	1.545
1,2,4-Trimethylbenzene	1.110	1.268	1.382	1.346	1.242
Cyclohexanone					
1,2,4-Trichlorobenzene	0.467	0.530	0.508	0.519	0.501
Methyl Methacrylate	0.068	0.093	0.085	0.124	0.103
Allyl Alcohol	0.027	0.032	0.032	0.034	0.036
Epichlorohydrin	0.025	0.028	0.021	0.032	0.027
Allyl Chloride					
Benzyl Chloride	0.275	0.335	0.348	0.629	0.670
Isoprene	2.156	1.749	2.276	3.458	2.840
1,1,1,2-Tetrachloroethane	0.212	0.271	0.313	0.334	0.354

METHOD 624

Instrument ID: VOAMS3 Calibration Date(s): 02/09/09 02/09/09

Heated Purge: (Y/N) N Calibration Time(s): 0758 1252

LAB FILE ID: RRF1: C34786 RRF5: C34785 RRF20: C34797
RRF50: C34789 RRF200: C34790

COMPOUND	RRF1	RRF5	RRF20	RRF50	RRF200
Camphene (total)	0.518	0.592	0.571	0.570	0.570
Camphor	0.028	0.051	0.063	0.061	0.066
1,3,5-Trimethylbenzene	1.060	1.206	1.348	1.320	1.230
1,2,3-Trichlorobenzene	0.510	0.535	0.469	0.467	0.439
n-Butylbenzene	0.816	1.086	1.103	1.120	1.003
sec-Butylbenzene	1.250	1.501	1.587	1.565	1.463
tert-Butylbenzene	0.948	1.056	1.180	1.171	1.101
p-Isopropyltoluene	1.022	1.263	1.381	1.373	1.297
n-Propylbenzene	1.464	1.707	1.876	1.855	1.680
m+p-Ethyltoluene					
o-Ethyltoluene					
Methyl Acetate	0.737	0.684	0.554	0.781	0.626
Methyl cyclohexane	0.425	0.388	0.481	0.707	0.612
1,2-Dibromo-3-chloropropane	0.039	0.048	0.052	0.060	0.066
Cyclohexene					
1,2-Dichlorotrifluoroethane					
n-Propanol	0.006	0.007	0.007	0.007	0.007
3-Methyl-1-Pentyn-3-ol					
Propylene Oxide					
Ethanol	0.006	0.008	0.008	0.008	0.009
Chlorotrifluoroethane					
Dichlorofluoromethane					
Ethylene Oxide					
Methyl Formate					
Isobutyraldehyde					
Amyl Acetate	0.302	0.398	0.489	0.450	0.438
1,2,3-Trichloropropane	0.128	0.129	0.130	0.133	0.127
Chlorodifluoromethane					
1,3-Dichloropropane	0.488	0.534	0.573	0.554	0.522
Dibromomethane	0.180	0.194	0.199	0.193	0.190
1-Propene					
2-Chloropropane					
1-Chloropropane					
Hexachlorobutadiene	0.200	0.203	0.168	0.167	0.169
2-Chlorotoluene	0.853	1.006	1.112	1.101	1.021
4-Chlorotoluene	1.012	1.100	1.171	1.149	1.076
1,1-Dichloropropene	2.135	2.391	2.768	2.812	2.666
Bromobenzene	0.444	0.463	0.487	0.468	0.462
2,2-Dichloropropane	2.319	2.467	2.920	3.004	2.867

METHOD 624

Instrument ID: VOAMS3

Heated Purge: (Y/N) N

Calibration Date(s): 02/09/09 02/09/09

Calibration Time(s): 0758 1252

LAB FILE ID: RRF1: C34786 RRF5: C34785 RRF20: C34797
RRF50: C34789 RRF200: C34790

COMPOUND	RRF1	RRF5	RRF20	RRF50	RRF200
Iodomethane	1.262	1.583	2.321	3.214	3.634
Ethyl Acrylate	1.717	1.913	2.396	2.216	2.134
Butyl Acrylate	0.794	1.025	1.470	1.373	1.352
Butyl Methacrylate	1.536	2.067	2.691	2.460	2.380
1,2-Dichloroethane-d4 (SUR)	0.048	0.050	0.048	0.046	0.047
Toluene-d8 (SUR)	1.201	1.184	1.191	1.176	1.141
Bromofluorobenzene (SUR)	0.456	0.458	0.457	0.456	0.447

METHOD 624

Instrument ID: VOAMS3 Calibration Date(s): 02/09/09 02/09/09

Heated Purge: (Y/N) N Calibration Time(s): 0758 1252

RRF500: C34791

COMPOUND	RRF500	CURVE	COEFFICENT A1	%RSD OR R^2
Chloromethane	1.564	AVRG	1.88608336	10.0*
Bromomethane	1.154	AVRG	1.30278719	10.7*
Vinyl Chloride	1.613	AVRG	1.86828417	11.0*
Chloroethane	0.845	AVRG	1.03328048	10.6*
Methylene Chloride	1.882	AVRG	2.92589301	33.2*
Acetone	0.142	AVRG	0.20648016	20.9*
Carbon Disulfide	3.655	AVRG	3.48139609	27.9*
Trichlorofluoromethane	1.907	AVRG	1.98576928	24.7*
1,1-Dichloroethene	1.562	AVRG	1.68672092	11.7*
1,1-Dichloroethane	2.828	AVRG	3.24791753	10.3*
trans-1,2-Dichloroethene	1.816	AVRG	1.99112146	9.2*
cis-1,2-Dichloroethene	1.986	AVRG	2.23670844	8.0*
Chloroform	2.848	AVRG	3.30434960	9.9*
1,2-Dichloroethane	0.395	AVRG	0.42005440	5.7*
2-Butanone	0.278	AVRG	0.28317869	25.6*
1,1,1-Trichloroethane	2.721	AVRG	2.90339859	14.6*
Carbon Tetrachloride	2.331	AVRG	2.28875805	18.0*
Bromodichloromethane	0.401	AVRG	0.35817307	14.2*
1,2-Dichloropropane	0.293	AVRG	0.29754856	6.7*
cis-1,3-Dichloropropene	0.486	AVRG	0.43609763	15.0*
Trichloroethene	0.348	AVRG	0.33047791	9.4*
Dibromochloromethane	0.366	AVRG	0.29751101	20.3*
1,1,2-Trichloroethane	0.241	AVRG	0.25087027	5.5*
Benzene	1.152	AVRG	1.26828928	9.9*
trans-1,3-Dichloropropene	0.493	AVRG	0.43110633	17.8*
2-Chloroethyl Vinyl Ether	0.194	AVRG	0.18693569	15.4*
Bromoform	0.256	AVRG	0.17817964	32.9*
4-Methyl-2-Pentanone	0.270	AVRG	0.24998665	21.4*
2-Hexanone	0.210	AVRG	0.20171048	20.7*
Tetrachloroethene	0.478	AVRG	0.46543925	9.1*
1,1,2,2-Tetrachloroethane	0.346	AVRG	0.35168319	6.4*
Toluene	1.374	AVRG	1.62599687	8.8*
Chlorobenzene	0.932	AVRG	1.03164563	6.1*
Ethylbenzene	0.556	AVRG	0.56202659	6.2*
Styrene	0.940	AVRG	0.99855264	9.7*
Xylene (Total)	0.598	AVRG	0.64069701	9.2*
Ethyl Ether	1.188	AVRG	1.51825077	16.7*
Acrolein	0.232	AVRG	0.25599105	7.3*
Freon TF	1.734	AVRG	1.86630808	24.4*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

METHOD 624

Instrument ID: VOAMS3 Calibration Date(s): 02/09/09 02/09/09

Heated Purge: (Y/N) N Calibration Time(s): 0758 1252

RRF500: C34791

COMPOUND	RRF500	CURVE	COEFFICENT A1	%RSD OR R^2
Isopropanol	0.095	AVRG	0.09668533	6.6*
Acetonitrile	0.034	AVRG	0.04513566	20.6*
TBA	0.166	AVRG	0.19951228	16.9*
Acrylonitrile	0.513	AVRG	0.54547643	7.2*
MTBE	4.468	AVRG	5.68717254	17.2*
Hexane	1.400	AVRG	1.67636912	12.8*
DIPE	4.016	AVRG	5.09290069	17.1*
Ethyl Acetate	0.170	AVRG	0.19531116	12.3*
Vinyl Acetate	1.068	AVRG	1.38812978	12.7*
Tetrahydrofuran	0.568	AVRG	0.74299162	15.1*
Cyclohexane	2.573	AVRG	2.80452033	23.9*
Isobutanol		AVRG		
Isopropyl Acetate	0.480	AVRG	0.50657552	14.9*
n-Heptane	0.210	AVRG	0.21463829	8.2*
n-Butanol	0.043	AVRG	0.03576655	23.9*
Propyl Acetate	0.361	AVRG	0.38006613	13.4*
Butyl Acetate	0.091	AVRG	0.08750478	15.3*
1,2-Dibromoethane	0.307	AVRG	0.30784072	5.2*
1,3-Dichlorobenzene	0.764	AVRG	0.79819412	5.8*
1,4-Dichlorobenzene	0.766	AVRG	0.82832592	6.0*
1,2-Dichlorobenzene	0.716	AVRG	0.77814983	5.9*
Naphthalene	1.057	AVRG	1.28644625	10.1*
Methylnaphthalene (total)	0.576	AVRG	0.54097517	27.0*
Dimethylnaphthalene (total)	0.193	AVRG	0.17263812	11.3*
Dichlorodifluoromethane	1.644	AVRG	1.84009058	11.9*
1,4-Dioxane	0.004	AVRG	0.00360744	8.0*
n-Pentane	0.221	AVRG	0.27852917	18.7*
5-Methyl-2-Hexanone		AVRG		
Isopropylbenzene	1.342	AVRG	1.49869256	12.1*
1,2,4-Trimethylbenzene	1.101	AVRG	1.24155720	9.4*
Cyclohexanone		AVRG		
1,2,4-Trichlorobenzene	0.486	AVRG	0.50187441	4.5*
Methyl Methacrylate	0.101	AVRG	0.09559259	19.5*
Allyl Alcohol	0.032	AVRG	0.03228067	9.0*
Epichlorohydrin	0.026	AVRG	0.02645973	14.2*
Allyl Chloride		AVRG		
Benzyl Chloride	0.659	AVRG	0.48585489	38.0*
Isoprene	2.165	AVRG	2.44070603	25.0*
1,1,1,2-Tetrachloroethane	0.360	AVRG	0.30738044	18.5*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

METHOD 624

Instrument ID: VOAMS3 Calibration Date(s): 02/09/09 02/09/09

Heated Purge: (Y/N) N Calibration Time(s): 0758 1252

RRF500: C34791

COMPOUND	RRF500	CURVE	COEFFICENT A1	%RSD OR R^2
Camphene (total)	0.542	AVRG	0.56037350	4.7*
Camphor	0.071	AVRG	0.05685008	27.0*
1,3,5-Trimethylbenzene	1.098	AVRG	1.21039107	9.5*
1,2,3-Trichlorobenzene	0.427	AVRG	0.47447442	8.7*
n-Butylbenzene	0.889	AVRG	1.00293536	12.5*
sec-Butylbenzene	1.257	AVRG	1.43726363	10.4*
tert-Butylbenzene	0.994	AVRG	1.07499150	8.7*
p-Isopropyltoluene	1.131	AVRG	1.24446367	11.4*
n-Propylbenzene	1.416	AVRG	1.66635643	11.5*
m+p-Ethyltoluene		AVRG		
o-Ethyltoluene		AVRG		
Methyl Acetate	0.526	AVRG	0.65123868	15.5*
Methyl cyclohexane	0.576	AVRG	0.53148591	22.8*
1,2-Dibromo-3-chloropropane	0.068	AVRG	0.05587356	20.0*
Cyclohexene		AVRG		
1,2-Dichlorotrifluoroethane		AVRG		
n-Propanol	0.007	AVRG	0.00669077	6.2*
3-Methyl-1-Pentyn-3-ol		AVRG		
Propylene Oxide		AVRG		
Ethanol	0.009	AVRG	0.00792282	14.0*
Chlorotrifluoroethane		AVRG		
Dichlorofluoromethane		AVRG		
Ethylene Oxide		AVRG		
Methyl Formate		AVRG		
Isobutyraldehyde		AVRG		
Amyl Acetate	0.417	AVRG	0.41572059	15.3*
1,2,3-Trichloropropane	0.129	AVRG	0.12928580	1.6*
Chlorodifluoromethane		AVRG		
1,3-Dichloropropane	0.498	AVRG	0.52831296	6.1*
Dibromomethane	0.187	AVRG	0.19047411	3.4*
1-Propene		AVRG		
2-Chloropropane		AVRG		
1-Chloropropane		AVRG		
Hexachlorobutadiene	0.174	AVRG	0.18021791	9.3*
2-Chlorotoluene	0.926	AVRG	1.00328171	10.0*
4-Chlorotoluene	0.985	AVRG	1.08200477	6.8*
1,1-Dichloropropene	2.174	AVRG	2.49121142	12.0*
Bromobenzene	0.454	AVRG	0.46286145	3.2*
2,2-Dichloropropane	2.395	AVRG	2.66200522	11.3*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

METHOD 624

Instrument ID: VOAMS3 Calibration Date(s): 02/09/09 02/09/09

Heated Purge: (Y/N) N Calibration Time(s): 0758 1252

RRF500: C34791

COMPOUND	RRF500	CURVE	COEFFICENT A1	%RSD OR R^2
Iodomethane	3.015	AVRG	2.50507156	37.7*
Ethyl Acrylate	1.816	AVRG	2.03193583	12.8*
Butyl Acrylate	1.164	AVRG	1.19638168	21.2*
Butyl Methacrylate	2.044	AVRG	2.19643840	18.5*
1,2-Dichloroethane-d4 (SUR)	0.050	AVRG	0.04848023	3.2*
Toluene-d8 (SUR)	1.152	AVRG	1.17405518	2.0*
Bromofluorobenzene (SUR)	0.449	AVRG	0.45402900	1.0*

* Compound with required maximum % RSD value.
** Compound with required minimum RRF value.

Instrument ID: VOAMS3 Calibration Date: 02/10/09 Time: 0948

Lab File ID: C34850 Init. Calib. Date(s): 02/09/09 02/09/09

Init. Calib. Times: 0758 1252

COMPOUND	RRF OR AMOUNT	RRF20.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Chloromethane	1.8860000	1.8472696		2.05	104.00	AVRG
Bromomethane	1.3030000	1.0788491		17.20	86.00	AVRG
Vinyl Chloride	1.8680000	1.8525497		0.83	96.00	AVRG
Chloroethane	1.0330000	0.9070374		12.19	62.00	AVRG
Methylene Chloride	2.9260000	3.3152106		-13.30	39.50	AVRG
Acetone	0.2060000	0.3312102		-60.78	50.00	AVRG
Carbon Disulfide	3.4820000	3.1523252		9.47	50.00	AVRG
Trichlorofluoromethane	1.9860000	1.6239124		18.23	52.00	AVRG
1,1-Dichloroethene	1.6870000	1.7805215		-5.54	49.50	AVRG
1,1-Dichloroethane	3.2480000	3.5079035		-8.00	27.50	AVRG
trans-1,2-Dichloroethene	1.9910000	2.1092611		-5.94	30.50	AVRG
cis-1,2-Dichloroethene	2.2370000	2.3796209		-6.38	50.00	AVRG
Chloroform	3.3040000	3.5709855		-8.08	32.50	AVRG
1,2-Dichloroethane	0.4200000	0.4243464		-1.03	32.00	AVRG
2-Butanone	0.2830000	0.2907031		-2.72	50.00	AVRG
1,1,1-Trichloroethane	2.9030000	2.9690169		-2.27	25.00	AVRG
Carbon Tetrachloride	2.2890000	2.3896630		-4.40	27.00	AVRG
Bromodichloromethane	0.3580000	0.3519044		1.70	34.50	AVRG
1,2-Dichloropropane	0.2980000	0.3178484		-6.66	66.00	AVRG
cis-1,3-Dichloropropene	0.4360000	0.4411288		-1.18	76.00	AVRG
Trichloroethene	0.3300000	0.3483501		-5.56	33.50	AVRG
Dibromochloromethane	0.2980000	0.2827440		5.12	32.50	AVRG
1,1,2-Trichloroethane	0.2510000	0.2564590		-2.17	29.00	AVRG
Benzene	1.2680000	1.4292528		-12.72	36.00	AVRG
trans-1,3-Dichloropropene	0.4310000	0.4432024		-2.83	50.00	AVRG
2-Chloroethyl Vinyl Ether	0.1870000	0.1596172		14.64	124.00	AVRG
Bromoform	0.1780000	0.1525817		14.28	29.00	AVRG
4-Methyl-2-Pentanone	0.2500000	0.2141013		14.36	50.00	AVRG
2-Hexanone	0.2020000	0.1873931		7.23	50.00	AVRG
Tetrachloroethene	0.4660000	0.5098593		-9.41	26.50	AVRG
1,1,2,2-Tetrachloroethane	0.3520000	0.3716548		-5.58	39.50	AVRG
Toluene	1.6260000	1.7522785		-7.77	25.50	AVRG
Chlorobenzene	1.0320000	1.0989974		-6.49	34.00	AVRG
Ethylbenzene	0.5620000	0.5998555		-6.74	41.00	AVRG
Styrene	0.9980000	1.0988037		-10.10	50.00	AVRG
Xylene (Total)	0.6400000	0.7103007		-10.98	50.00	AVRG
Ethyl Ether	1.5180000	1.3201586		13.03	50.00	AVRG
Acrolein	0.2560000	0.2928935		-14.41	99.00	AVRG
Freon TF	1.8660000	1.8067426		3.18	50.00	AVRG
Isopropanol	0.0970000	0.0987730		-1.83	50.00	AVRG
Acetonitrile	0.0450000	0.0355509		21.00	50.00	AVRG
TBA	0.1990000	0.1565573		21.33	50.00	AVRG

Instrument ID: VOAMS3 Calibration Date: 02/10/09 Time: 0948

Lab File ID: C34850 Init. Calib. Date(s): 02/09/09 02/09/09

Init. Calib. Times: 0758 1252

COMPOUND	RRF OR AMOUNT	RRF20.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
Acrylonitrile	0.5450000	0.5726419		-5.07	50.00	AVRG
MTBE	5.6870000	4.9922426		12.22	50.00	AVRG
Hexane	1.6760000	1.5661305		6.56	50.00	AVRG
DIPE	5.0930000	4.5515057		10.63	50.00	AVRG
Ethyl Acetate	0.1950000	0.1701579		12.74	50.00	AVRG
Vinyl Acetate	1.3880000	1.2026620		13.35	50.00	AVRG
Tetrahydrofuran	0.7430000	0.6007731		19.14	50.00	AVRG
Cyclohexane	2.8040000	2.8259368		-0.78	50.00	AVRG
Isobutanol	0.0000000			0.00	50.00	AVRG
Isopropyl Acetate	0.5060000	0.4311481		14.79	50.00	AVRG
n-Heptane	0.2140000	0.1938802		9.40	50.00	AVRG
n-Butanol	0.0360000	0.0369728		-2.70	50.00	AVRG
Propyl Acetate	0.3800000	0.3077817		19.00	50.00	AVRG
Butyl Acetate	0.0880000	0.0733896		16.60	50.00	AVRG
1,2-Dibromoethane	0.3080000	0.3265659		-6.03	50.00	AVRG
1,3-Dichlorobenzene	0.7980000	0.8454276		-5.94	27.00	AVRG
1,4-Dichlorobenzene	0.8280000	0.8663015		-4.62	37.00	AVRG
1,2-Dichlorobenzene	0.7780000	0.8233553		-5.83	37.00	AVRG
Naphthalene	1.2860000	1.4095760		-9.61	50.00	AVRG
Methylnaphthalene (total)	0.5410000			100.00	50.00	AVRG
Dimethylnaphthalene (total)	0.1730000			100.00	50.00	AVRG
Dichlorodifluoromethane	1.8400000	1.6906008		8.12	50.00	AVRG
1,4-Dioxane	0.0040000	0.0037728		5.68	50.00	AVRG
n-Pentane	0.2780000	0.2324828		16.37	50.00	AVRG
5-Methyl-2-Hexanone	0.0000000			0.00	50.00	AVRG
Isopropylbenzene	1.4980000	1.6765183		-11.92	50.00	AVRG
1,2,4-Trimethylbenzene	1.2420000	1.3768145		-10.85	50.00	AVRG
Cyclohexanone	0.0000000			0.00	50.00	AVRG
1,2,4-Trichlorobenzene	0.5020000	0.5274566		-5.07	50.00	AVRG
Methyl Methacrylate	0.0960000	0.0826559		13.90	50.00	AVRG
Allyl Alcohol	0.0320000	0.0338496		-5.78	50.00	AVRG
Epichlorohydrin	0.0260000	0.0214092		17.66	50.00	AVRG
Allyl Chloride	0.0000000			0.00	50.00	AVRG
Benzyl Chloride	0.4860000	0.3468345		28.63	50.00	AVRG
Isoprene	2.4410000	2.5351341		-3.86	50.00	AVRG
1,1,1,2-Tetrachloroethane	0.3070000	0.3056113		0.45	50.00	AVRG
Camphene (total)	0.5600000	0.4795350		14.37	50.00	AVRG
Camphor	0.0570000	0.0468216		17.86	50.00	AVRG
1,3,5-Trimethylbenzene	1.2100000	1.3324277		-10.12	50.00	AVRG
1,2,3-Trichlorobenzene	0.4740000	0.4731393		0.18	50.00	AVRG
n-Butylbenzene	1.0030000	1.1276592		-12.43	50.00	AVRG
sec-Butylbenzene	1.4370000	1.5993700		-11.30	50.00	AVRG

Instrument ID: VOAMS3 Calibration Date: 02/10/09 Time: 0948

Lab File ID: C34850 Init. Calib. Date(s): 02/09/09 02/09/09

Init. Calib. Times: 0758 1252

COMPOUND	RRF OR AMOUNT	RRF20.000 OR AMOUNT	MIN RRF	%D OR %DRIFT	MAX %D OR %DRIFT	CURV TYPE
tert-Butylbenzene	1.0750000	1.1709323		-8.92	50.00	AVRG
p-Isopropyltoluene	1.2440000	1.3759388		-10.61	50.00	AVRG
n-Propylbenzene	1.6660000	1.8894055		-13.41	50.00	AVRG
m+p-Ethyltoluene	0.0000000			0.00	50.00	AVRG
o-Ethyltoluene	0.0000000			0.00	50.00	AVRG
Methyl Acetate	0.6510000	0.5178061		20.46	50.00	AVRG
Methyl cyclohexane	0.5320000	0.5213672		2.00	50.00	AVRG
1,2-Dibromo-3-chloropropane	0.0560000	0.0504032		9.99	50.00	AVRG
Cyclohexene	0.0000000			0.00	50.00	AVRG
1,2-Dichlorotrifluoroethane	0.0000000			0.00	50.00	AVRG
n-Propanol	0.0070000	0.0068209		2.56	50.00	AVRG
3-Methyl-1-Pentyn-3-ol	0.0000000			0.00	50.00	AVRG
Propylene Oxide	0.0000000			0.00	50.00	AVRG
Ethanol	0.0080000	0.0080325		-0.41	50.00	AVRG
Chlorotrifluoroethane	0.0000000			0.00	50.00	AVRG
Dichlorofluoromethane	0.0000000			0.00	50.00	AVRG
Ethylene Oxide	0.0000000			0.00	50.00	AVRG
Methyl Formate	0.0000000			0.00	50.00	AVRG
Isobutyraldehyde	0.0000000			0.00	50.00	AVRG
Amyl Acetate	0.4160000	0.3409755		18.03	50.00	AVRG
1,2,3-Trichloropropane	0.1290000	0.1288751		0.10	50.00	AVRG
Chlorodifluoromethane	0.0000000			0.00	50.00	AVRG
1,3-Dichloropropane	0.5280000	0.5677437		-7.53	50.00	AVRG
Dibromomethane	0.1900000	0.1920838		-1.10	50.00	AVRG
1-Propene	0.0000000			0.00	50.00	AVRG
2-Chloropropane	0.0000000			0.00	50.00	AVRG
1-Chloropropane	0.0000000			0.00	50.00	AVRG
Hexachlorobutadiene	0.1800000	0.1812838		-0.71	50.00	AVRG
2-Chlorotoluene	1.0030000	1.1070597		-10.37	50.00	AVRG
4-Chlorotoluene	1.0820000	1.1473548		-6.04	50.00	AVRG
1,1-Dichloropropene	2.4910000	2.7853101		-11.81	50.00	AVRG
Bromobenzene	0.4630000	0.4703671		-1.59	50.00	AVRG
2,2-Dichloropropane	2.6620000	2.8754101		-8.02	50.00	AVRG
Iodomethane	2.5050000	1.9015648		24.09	50.00	AVRG
Ethyl Acrylate	2.0320000	1.7658967		13.10	50.00	AVRG
Butyl Acrylate	1.1960000	1.0461924		12.52	50.00	AVRG
Butyl Methacrylate	2.1960000	1.9268494		12.26	50.00	AVRG
1,2-Dichloroethane-d4 (SUR)	0.0480000	0.0452209		5.79	999.00	AVRG
Toluene-d8 (SUR)	1.1740000	1.1763071		-0.20	999.00	AVRG
Bromofluorobenzene (SUR)	0.4540000	0.4616256		-1.68	999.00	AVRG

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Surrogate Compound Recovery Summary

METHOD 524

Matrix: WATER Level: LOW Lab Job No: E671

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	CV041B	97	101	100		0
02	982708	104	99	100		0
03						
04						
05						
06						
07						
08						
09						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						

		QC LIMITS
S1	= 1,2-Dichloroethane-d4	(76-128)
S2	= Toluene-d8	(73-122)
S3	= Bromofluorobenzene	(75-126)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

Spike Recovery Summary

VOLATILE SPIKE RECOVERY SUMMARY
METHOD 624

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 982147

MS Sample from Lab Job No: E570

QA Batch: 2095

Compound	MS % REC.	BS % REC.	LIMITS
Chloromethane	120	115	0-273
Bromomethane	80	90	0-242
Vinyl Chloride	125	115	0-251
Chloroethane	105	100	14-230
Methylene Chloride	100	95	0-221
Trichlorofluoromethane	135	90	17-181
1,1-Dichloroethene	110	100	0-234
1,1-Dichloroethane	105	95	59-155
trans-1,2-Dichloroethene	100	95	54-156
Chloroform	105	95	51-138
1,2-Dichloroethane	95	95	49-155
1,1,1-Trichloroethane	105	100	52-162
Carbon Tetrachloride	95	95	70-140
Bromodichloromethane	90	90	35-155
1,2-Dichloropropane	100	95	0-210
cis-1,3-Dichloropropene	80	85	0-227
Trichloroethene	100	90	71-157
Dibromochloromethane	85	85	53-149
1,1,2-Trichloroethane	95	90	52-150
Benzene	102	100	37-151
trans-1,3-Dichloropropene	80	85	17-183
2-Chloroethyl Vinyl Ether	0	100	0-305
Bromoform	75	80	45-169
Tetrachloroethene	100	95	64-148
1,1,2,2-Tetrachloroethane	100	95	46-157
Toluene	100	95	47-150
Chlorobenzene	100	95	37-160
Ethylbenzene	105	95	37-162
1,3-Dichlorobenzene	95	90	59-156
1,4-Dichlorobenzene	95	90	18-190

* Values outside of QC limits

VOLATILE SPIKE RECOVERY SUMMARY
METHOD 624

Matrix: WATER

Level: LOW

Matrix Spike - Lab Sample No.: 982147

MS Sample from Lab Job No: E570

QA Batch: 2095

Compound	MS % REC.	BS % REC.	LIMITS
1,2-Dichlorobenzene	95	95	18-190

* Values outside of QC limits

Spike Recovery: 0 out of 62 outside limits

COMMENTS:

Internal Standard Area and RT Summary

Lab File ID (Standard): C34850 Date Analyzed: 02/10/09

Instrument ID: VOAMS3 Time Analyzed: 0948

		IS1(BCM) AREA #	RT #	IS2(DFB) AREA #	RT #	IS3(CBZ) AREA #	RT #
	12 HOUR STD	75283	2.70	427501	3.70	371732	6.75
	UPPER LIMIT	150566	3.20	855002	4.20	743464	7.25
	LOWER LIMIT	37642	2.20	213750	3.20	185866	6.25
	LABORATORY SAMPLE NO.						
01	CV041B	73993	2.71	432479	3.70	371994	6.75
02	982708	69149	2.71	388099	3.70	340688	6.75
03							
04							
05							
06							
07							
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13							
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17							
18							
19							
20							
21							
22							

IS1 (BCM) = Bromochloromethane
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (CBZ) = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

Metals Forms and Data

Analytical Results Summary

Client ID: **20630002-1 Comp**
Site: **Newark PVSC**

Lab Sample No: 982709
Lab Job No: E671

Date Sampled: 02/06/09
Date Received: 02/06/09

Matrix: WATER
Level: LOW

METALS ANALYSIS

Analyte	Analytical Result Units: ug/l	Instrument Detection Limit	Qual	M
Cadmium	ND	0.50		P
Copper	ND	3.1		P
Lead	ND	2.2		P
Mercury	ND	0.10		CV
Nickel	ND	3.9		P
Zinc	ND	5.8		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Blank Results Summary

BLANKS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony	4.9	U	4.9	U	4.9	U	4.9	U	4.900	U	P
Arsenic	4.5	U	4.5	U	4.5	U	4.5	U	4.500	U	P
Barium											NR
Beryllium	0.1	U	0.1	U	0.1	U	0.1	U	0.120	U	P
Cadmium	0.5	U	0.5	U	-0.6	B	-0.6	B	0.500	U	P
Calcium											NR
Chromium	2.8	U	2.8	U	2.8	U	2.8	U	2.800	U	P
Cobalt											NR
Copper	3.1	U	3.1	U	3.1	U	3.1	U	3.100	U	P
Iron											NR
Lead	2.2	U	2.2	U	2.2	U	2.2	U	2.200	U	P
Magnesium											NR
Manganese											NR
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.120	U	CV
Nickel	3.9	U	3.9	U	3.9	U	3.9	U	3.900	U	P
Potassium											NR
Selenium	4.8	U	4.8	U	4.8	U	4.8	U	4.800	U	P
Silver	1.2	U	1.2	U	1.2	U	1.2	U	1.200	U	P
Sodium											NR
Thallium	4.8	U	4.8	U	4.8	U	4.8	U	4.800	U	P
Vanadium											NR
Zinc	5.8	U	5.8	U	5.8	U	5.8	U	5.800	U	P
Molybdenu											NR

BLANKS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Preparation Blank Matrix (soil/water):

Preparation Blank Concentration Units (ug/L or mg/kg):

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum											NR
Antimony			4.9	U							P
Arsenic			4.5	U							P
Barium											NR
Beryllium			0.1	U							P
Cadmium			0.5	U							P
Calcium											NR
Chromium			2.8	U							P
Cobalt											NR
Copper			3.1	U							P
Iron											NR
Lead			2.2	U							P
Magnesium											NR
Manganese											NR
Mercury			0.1	U							CV
Nickel			3.9	U							P
Potassium											NR
Selenium			4.8	U							P
Silver			1.2	U							P
Sodium											NR
Thallium			4.8	U							P
Vanadium											NR
Zinc			5.8	U							P
Molybdenu											NR

Calibration Summary

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony	1000.0	1017.34	101.7	1000.0	1004.02	100.4	1026.24	102.6	P
Arsenic	5000.0	5006.47	100.1	5000.0	4966.75	99.3	5077.61	101.6	P
Barium									NR
Beryllium	1000.0	997.46	99.7	1000.0	991.76	99.2	1008.04	100.8	P
Cadmium	2500.0	2485.02	99.4	2500.0	2471.86	98.9	2512.48	100.5	P
Calcium									NR
Chromium	5000.0	5010.52	100.2	5000.0	4986.22	99.7	5047.05	100.9	P
Cobalt									NR
Copper	12500.0	12613.90	100.9	12500.0	12431.91	99.5	12657.13	101.3	P
Iron									NR
Lead	10000.0	9966.20	99.7	10000.0	9903.05	99.0	10070.25	100.7	P
Magnesium									NR
Manganese									NR
Mercury	5.0	5.13	102.6	5.0	4.83	96.6	4.85	97.0	CV
Nickel	2500.0	2498.73	99.9	2500.0	2486.85	99.5	2528.64	101.1	P
Potassium									NR
Selenium	5000.0	5009.76	100.2	5000.0	4933.63	98.7	5073.21	101.5	P
Silver	1250.0	1260.18	100.8	1250.0	1247.18	99.8	1264.42	101.2	P
Sodium									NR
Thallium	5000.0	4997.92	100.0	5000.0	4952.94	99.1	5041.09	100.8	P
Vanadium									NR
Zinc	2500.0	2517.11	100.7	2500.0	2506.30	100.3	2538.31	101.5	P
Molybdenu									NR

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									NR
Antimony				1000.0	1015.13	101.5	1016.96	101.7	P
Arsenic				5000.0	5048.38	101.0	5037.92	100.8	P
Barium									NR
Beryllium				1000.0	998.35	99.8	1002.20	100.2	P
Cadmium				2500.0	2490.65	99.6	2500.00	100.0	P
Calcium									NR
Chromium				5000.0	4993.21	99.9	5026.95	100.5	P
Cobalt									NR
Copper				12500.0	12478.04	99.8	12510.20	100.1	P
Iron									NR
Lead				10000.0	9968.77	99.7	10046.68	100.5	P
Magnesium									NR
Manganese									NR
Mercury				5.0	5.14	102.8	4.94	98.8	CV
Nickel				2500.0	2505.74	100.2	2511.74	100.5	P
Potassium									NR
Selenium				5000.0	5032.82	100.7	5020.04	100.4	P
Silver				1250.0	1250.37	100.0	1257.08	100.6	P
Sodium									NR
Thallium				5000.0	4984.50	99.7	5004.49	100.1	P
Vanadium									NR
Zinc				2500.0	2524.33	101.0	2540.40	101.6	P
Molybdenu									NR

1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Initial Calibration Source: INORG VENT

Continuing Calibration Source: INORG VENT

Concentration Units: ug/L

Analyte	Initial Calibration True	Initial Calibration Found	Initial Calibration %R(1)	Continuing Calibration True	Continuing Calibration Found	Continuing Calibration %R(1)	Continuing Calibration Found	Continuing Calibration %R(1)	M
Aluminum									
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury				5.0	4.88	97.6			CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

ICP Interference Check Results Summary

ICP INTERFERENCE CHECK SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

ICP ID Number: TRACE2 TJA61 ICS Source: INORG VENT

Concentration Units: ug/L

Analyte	True Sol. A	True Sol. AB	Initial Found Sol. A	Initial Found Sol. AB	Initial Found %R	Final Found Sol. A	Final Found Sol. AB	Final Found %R
Aluminum	500000	500000	479239	477833.4	95.6	477589	480794.2	96.2
Antimony		100		100.3	100.3		105.7	105.7
Arsenic		100		100.7	100.7		98.9	98.9
Barium		100		105.4	105.4		106.1	106.1
Beryllium		100		96.6	96.6		98.1	98.1
Cadmium		100		96.3	96.3		97.5	97.5
Calcium	500000	500000	461055	458036.7	91.6	459137	464450.0	92.9
Chromium		100		97.4	97.4		99.0	99.0
Cobalt		100		96.1	96.1		98.0	98.0
Copper		100		105.8	105.8		105.9	105.9
Iron	200000	200000	197482	196652.1	98.3	196750	199551.1	99.8
Lead		100		101.5	101.5		103.0	103.0
Magnesium	500000	500000	521072	519389.1	103.9	518398	521639.2	104.3
Manganese		100		96.8	96.8		97.9	97.9
Mercury								
Nickel		100		94.9	94.9		95.4	95.4
Potassium		10000		10702.5	107.0		10797.9	108.0
Selenium		100		97.2	97.2		100.7	100.7
Silver		100		102.2	102.2		102.2	102.2
Sodium		10000		10243.4	102.4		10358.7	103.6
Thallium		100		93.9	93.9		97.5	97.5
Vanadium		100		98.3	98.3		98.9	98.9
Zinc		100		97.5	97.5		99.8	99.8

Spike Sample Recovery Summary

SPIKE SAMPLE RECOVERY

982519MS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic									NR
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead									NR
Magnesium									NR
Manganese									NR
Mercury	70-130	1.1700		0.1200	U	1.00	117.0		CV
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Comments:

SPIKE SAMPLE RECOVERY

982709MS

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	70-130	529.3330		4.9000	U	500.00	105.9		P
Arsenic	70-130	2110.4320		4.5000	U	2000.00	105.5		P
Barium									NR
Beryllium	70-130	51.5130		0.1200	U	50.00	103.0		P
Cadmium	70-130	51.4280		0.5000	U	50.00	102.9		P
Calcium									NR
Chromium	70-130	206.9990		2.8000	U	200.00	103.5		P
Cobalt									NR
Copper	70-130	257.1820		3.1000	U	250.00	102.9		P
Iron									NR
Lead	70-130	517.0380		2.2000	U	500.00	103.4		P
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel	70-130	521.3100		3.9000	U	500.00	104.3		P
Potassium									NR
Selenium	70-130	2135.2860		4.8000	U	2000.00	106.8		P
Silver	70-130	50.6920		1.2000	U	50.00	101.4		P
Sodium									NR
Thallium	70-130	2069.7190		4.8000	U	2000.00	103.5		P
Vanadium									NR
Zinc	70-130	522.7760		5.8000	U	500.00	104.6		P
Molybdenu									NR

omments:

Sample and MS Duplicate Results Summary

DUPLICATES

982519D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic								NR
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron								NR
Lead								NR
Magnesium								NR
Manganese								NR
Mercury		0.1200	U	0.1200	U			CV
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Molybdenu								NR

DUPLICATES

982709D

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony		4.9000	U	4.9000	U			P
Arsenic		4.5000	U	4.5000	U			P
Barium								NR
Beryllium		0.1200	U	0.1200	U			P
Cadmium		0.5000	U	0.5000	U			P
Calcium								NR
Chromium		2.8000	U	2.8000	U			P
Cobalt								NR
Copper		3.1000	U	3.4750	B	200.0		P
Iron								NR
Lead		2.2000	U	2.2000	U			P
Magnesium								NR
Manganese								NR
Mercury								NR
Nickel		3.9000	U	3.9000	U			P
Potassium								NR
Selenium		4.8000	U	4.8000	U			P
Silver		1.2000	U	1.2000	U			P
Sodium								NR
Thallium		4.8000	U	4.8000	U			P
Vanadium								NR
Zinc		5.8000	U	5.8000	U			P
Molybdenu								NR

Laboratory Control Samples Results Summary

LABORATORY CONTROL SAMPLE

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Solid LCS Source:

Aqueous LCS Source: INORG VENT

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum									
Antimony	500.0	527.70	105.5						
Arsenic	2000.0	2100.78	105.0						
Barium									
Beryllium	50.0	52.12	104.2						
Cadmium	50.0	52.67	105.3						
Calcium									
Chromium	200.0	210.71	105.4						
Cobalt									
Copper	250.0	254.93	102.0						
Iron									
Lead	500.0	523.54	104.7						
Magnesium									
Manganese									
Mercury	1.0	1.10	110.0						
Nickel	500.0	527.97	105.6						
Potassium									
Selenium	2000.0	2149.60	107.5						
Silver	50.0	50.96	101.9						
Sodium									
Thallium	2000.0	2093.41	104.7						
Vanadium									
Zinc	500.0	528.96	105.8						
Molybdenu									

Serial Dilution Summary

982709L

Lab Name: TESTAMERICA

Lab Code: 12028 Lab Job No.: E671 Batch No.: 25859

Matrix (soil/water): WATER Level (low/med): LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum							NR
Antimony	4.90	U	24.50	U			P
Arsenic	4.50	U	22.50	U			P
Barium							NR
Beryllium	0.12	U	0.60	U			P
Cadmium	0.50	U	2.50	U			P
Calcium							NR
Chromium	2.80	U	14.00	U			P
Cobalt							NR
Copper	3.10	U	15.50	U			P
Iron							NR
Lead	2.20	U	11.00	U			P
Magnesium							NR
Manganese							NR
Mercury							NR
Nickel	3.90	U	19.50	U			P
Potassium							NR
Selenium	4.80	U	24.00	U			P
Silver	1.20	U	6.00	U			P
Sodium							NR
Thallium	4.80	U	24.00	U			P
Vanadium							NR
Zinc	5.80	U	29.00	U			P

Analysis Run Log

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:25859_

Instrument ID Number: LEEMAN5_____ Method: CV

Start Date: 02/11/09 End Date: 02/11/09

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
STD1	1.00	0931																X									
STD2	1.00	0933																X									
STD3	1.00	0935																X									
STD4	1.00	0937																X									
STD5	1.00	0939																X									
STD6	1.00	0941																X									
CCV	1.00	0946																X									
ICB/CCB	1.00	0948																X									
AICV	1.00	0950																X									
ZZZZZZ	1.00	0952																									
ZZZZZZ	1.00	0953																									
ZZZZZZ	1.00	0955																									
ZZZZZZ	1.00	0957																									
ZZZZZZ	1.00	0959																									
ZZZZZZ	1.00	1001																									
ZZZZZZ	1.00	1003																									
ZZZZZZ	1.00	1005																									
ZZZZZZ	1.00	1006																									
CCV	1.00	1008																X									
CCB	1.00	1010																X									
ZZZZZZ	1.00	1012																									
ZZZZZZ	1.00	1014																									
ZZZZZZ	1.00	1016																									
ZZZZZZ	1.00	1018																									
ZZZZZZ	1.00	1020																									
ZZZZZZ	1.00	1022																									
ZZZZZZ	1.00	1024																									
ZZZZZZ	1.00	1025																									
CCV	1.00	1028																X									
CCB	1.00	1030																X									
BW021190	1.00	1032																X									
LCSW	1.00	1033																X									

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:25859_

Instrument ID Number: LEEMAN5_____ Method: CV

Start Date: 02/11/09 End Date: 02/11/09

EPA Sample No.	D/F	Time	% R	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
982519	1.00	1035																X									
982519D	1.00	1037																X									
982519MS	1.00	1040																X									
982521	1.00	1042																X									
982728	1.00	1044																X									
982888	1.00	1046																X									
982889	1.00	1048																X									
982890	1.00	1051																X									
CCV	1.00	1053																X									
CCB	1.00	1054																X									
982891	1.00	1056																X									
982893	1.00	1058																X									
982894	1.00	1100																X									
982895	1.00	1102																X									
982912	1.00	1104																X									
982913	1.00	1106																X									
982914	1.00	1108																X									
982915	1.00	1110																X									
982916	1.00	1112																X									
982709	1.00	1114																X									
CCV	1.00	1116																X									
CCB	1.00	1118																X									

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:25859_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 02/12/09 End Date: 02/12/09

EPA Sample No.	D/F	Time	% R	Analytes																							
				ALB	SBS	ASA	BAE	BED	CDA	CAR	CRO	CUE	FEB	PBG	MGN	MGH	NIK	KSE	SEG	AGA	NAL	TLV	VZN	ZNO	MO
2CAL-BLK	1.00	1719		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
T2CAL1	1.00	1725		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL2	1.00	1731		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	_	X	X	_	X	X	X	X
T2CAL3	1.00	1737		X	X	X	X	X	X	X	X	X	X	X	X	X	_	X	X	X	X	X	X	X	X	X
ZZZZZZ	1.00	1743		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ICV/CCV	1.00	1749		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
ICB/CCB	1.00	1755		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
ICSA	1.00	1801		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
ICSAB	1.00	1807		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
ZZZZZZ	1.00	1813		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1819		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
ZZZZZZ	1.00	1825		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
BW021190	1.00	1831		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
LCSW	1.00	1837		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
982709D	1.00	1843		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
982709	1.00	1849		_	_	_	_	_	X	_	_	_	X	_	X	_	_	_	X	_	_	_	_	_	_	X	_
982709L	1.00	1855		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
CCV	1.00	1900		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
CCB	1.00	1906		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
982709MS	1.00	1912		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
ZZZZZZ	1.00	1918		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
982519	1.00	1924		_	_	_	_	_	_	_	_	X	_	X	_	_	_	_	_	_	_	_	_	_	X	_
982520	1.00	1930		_	_	_	_	_	_	_	_	X	_	_	_	_	_	_	_	_	_	_	_	_	_	_
982521	1.00	1936		_	_	_	_	_	_	_	_	X	_	_	_	_	_	_	_	_	_	_	_	_	X	_
982728	1.00	1942		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
ZZZZZZ	3.00	1948		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_
982888	1.00	1954		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
982889	1.00	2000		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
982890	1.00	2006		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
CCV	1.00	2012		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
CCB	1.00	2018		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
982891	1.00	2024		_	X	X	_	X	X	_	X	_	X	_	X	_	_	_	X	_	X	X	_	X	_	X	_
				_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_

ANALYSIS RUN LOG

Lab Name: TESTAMERICA_____ Contract: _____

Lab Code: 12028_ Case No.: _____ SAS No.: _____ SDG No.:25859_

Instrument ID Number: TRACE2 TJA61_ Method: P_

Start Date: 02/12/09 End Date: 02/12/09

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CR	CO	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	MO
982893	1.00	2030			X	X		X	X		X		X		X				X		X	X		X		X	
982894	1.00	2036			X	X		X	X		X		X		X				X		X	X		X		X	
982895	1.00	2042			X	X		X	X		X		X		X				X		X	X		X		X	
982912	1.00	2048			X	X		X	X		X		X		X				X		X	X		X		X	
982913	1.00	2054			X	X		X	X		X		X		X				X		X	X		X		X	
982914	1.00	2100			X	X		X	X		X		X		X				X		X	X		X		X	
982915	1.00	2106			X	X		X	X		X		X		X				X		X	X		X		X	
982916	1.00	2112			X	X		X	X		X		X		X				X		X	X		X		X	
CCV	1.00	2118			X	X		X	X		X		X		X				X		X	X		X		X	
CCB	1.00	2124			X	X		X	X		X		X		X				X		X	X		X		X	
ICSA	1.00	2130			X	X		X	X		X		X		X				X		X	X		X		X	
ICSAB	1.00	2136			X	X		X	X		X		X		X				X		X	X		X		X	
CCV	1.00	2142			X	X		X	X		X		X		X				X		X	X		X		X	
CCB	1.00	2148			X	X		X	X		X		X		X				X		X	X		X		X	

General Chemistry Forms

Analytical Results Summary

QA Summary

Subwork

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 220-8005-1

SDG Number: 220-8005

Job Description: E671 - Newark PVSC

For:
TestAmerica Laboratories, Inc.
777 New Durham Road
Edison, NJ 08817

Attention: Ms. Alison Sedlak

Approved for release.
Patty A Mercure
2/13/2009 10:08 AM

Designee for
Erin A Gaus
Project Manager I
erin.gaus@testamericainc.com
02/13/2009

The test results in this report meet all NELAP requirements unless specified within the case narrative. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. All questions regarding this report should be directed to the TestAmerica Project Manager.

TestAmerica Connecticut Certifications and Approvals: CTDOH PH-047, MADEP CT023, RIDOH A43, NYDOH 10602, NY NELAP 10602, NHDES 2528, NJDEP CT410, ME DOH CT023, UT DOH 2032614458

TestAmerica Laboratories, Inc.
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ACCREDITED IN ACCORDANCE WITH nelac

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Comments
No additional comments.

Receipt
All samples were received in good condition within temperature requirements.

General Chemistry
No analytical or quality issues were noted.

SAMPLE SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
Sdg Number: 220-8005

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
220-8005-1	20630002-1 Grab	Water	02/06/2009 1315	02/10/2009 1011

EXECUTIVE SUMMARY - Detections

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
Sdg Number: 220-8005

Lab Sample ID Analyte	Client Sample ID	Result / Qualifier	Reporting Limit	Units	Method
No Detections					

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
Sdg Number: 220-8005

Description	Lab Location	Method	Preparation Method
Matrix: Water			
HEM and SGT-HEM	TAL CT	1664A 1664A	

Lab References:

TAL CT = TestAmerica Connecticut

Method References:

1664A = EPA-821-98-002

METHOD / ANALYST SUMMARY

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
Sdg Number: 220-8005

Method		Analyst	Analyst ID
1664A	1664A	Madumadu, Dave	DM

Analytical Data

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
Sdg Number: 220-8005

General Chemistry

Client Sample ID: **20630002-1 Grab**

Lab Sample ID: 220-8005-1
Client Matrix: Water

Date Sampled: 02/06/2009 1315
Date Received: 02/10/2009 1011

Analyte	Result	Qual	Units	MDL	RL	Dil	Method
TPH	5.0	U	mg/L	0.62	5.0	1.0	1664A
	Anly Batch: 220-24276	Date Analyzed		02/11/2009 1545			
SGT HEM (Oil and Grease - Nonpolar)	5.0	U	mg/L	0.62	5.0	1.0	1664A
	Anly Batch: 220-24276	Date Analyzed		02/11/2009 1545			

DATA REPORTING QUALIFIERS

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
Sdg Number: 220-8005

Lab Section	Qualifier	Description
General Chemistry		
	U	Indicates analyzed for but not detected.

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
SDG: 220-8005

Laboratory Chronicle

Lab ID: 220-8005-1 **Client ID:** 20630002-1 Grab

Sample Date/Time: 02/06/2009 13:15 Received Date/Time: 02/10/2009 10:11

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:1664A	220-8005-A-1		220-24276		02/11/2009 15:45	1	TAL CT	DM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:1664A	MB 220-24276/1		220-24276		02/09/2009 14:16	1	TAL CT	DM
A:1664A	MB 220-24276/13		220-24276		02/11/2009 15:45	1	TAL CT	DM

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

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

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:1664A	LCS 220-24276/2		220-24276		02/09/2009 14:16	1	TAL CT	DM

Lab References:
TAL CT = TestAmerica Connecticut

GENERAL CHEMISTRY

GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job Number: 220-8005-1

SDG No.: 220-8005

Project: E671 - Newark PVSC

Client Sample ID	Lab Sample ID
20630002-1 Grab	220-8005-1

Comments:

Client Sample ID: 20630002-1 Grab

Lab Sample ID: 220-8005-1

Lab Name: TestAmerica Connecticut

Job No.: 220-8005-1

SDG ID.: 220-8005

Matrix: Water

Date Sampled: 02/06/2009 13:15

Reporting Basis: WET

Date Received: 02/10/2009 10:11

CAS No.	Analyte	Conc.	RL	MDL	Units	C	Q	DIL	Method
	TPH	5.0	5.0	0.62	mg/L	U		1	1664A
	SGT HEM (Oil and Grease - Nonpolar)	5.0	5.0	0.62	mg/L	U		1	1664A

METHOD BLANK
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8005-1

SDG No.: 220-8005

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 24276	Date: 02/09/2009 14:16						
1664A	MB 220-24276/1	TPH	5.0	U	mg/L	5.0	1
1664A	MB 220-24276/1	SGT HEM (Oil and Grease - Nonpolar)	5.0	U	mg/L	5.0	1
Batch ID: 24276	Date: 02/11/2009 15:45						
1664A	MB 220-24276/13	TPH	5.0	U	mg/L	5.0	1
1664A	MB 220-24276/13	SGT HEM (Oil and Grease - Nonpolar)	5.0	U	mg/L	5.0	1

LAB CONTROL SPIKE
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut Job No.: 220-8005-1

SDG No.: 220-8005

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 24276		Date: 02/09/2009 14:16									
						LCS Source: W1664LCS_00014					
1664A	LCS 220-24276/2	TPH	19.40		mg/L	20.0	97	78-114			
1664A	LCS 220-24276/2	SGT HEM (Oil and Grease - Nonpolar)	19.40		mg/L	20.0	97	78-114			

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

FORM VIIA-IN

DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: TestAmerica Connecticut
Job Number: 220-8005-1
SDG Number: 220-8005
Matrix: Water
Instrument ID: NOEQUIP
Analysis Method: 1664A
MDL Date: 03/23/2008 08:16
Prep Method:
Leach Method:

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
SGT HEM (Oil and Grease - Nonpolar)		5	0.625
TPH		5	0.625

Lab Name: TestAmerica Connecticut Job No.: 220-8005-1

SDG No.: 220-8005

Instrument ID: NOEQUIP Method: 1664A

Start Date: 02/09/2009 14:16 End Date: 02/11/2009 15:45

Lab Sample ID	D/F	Type	Time	Analytes	
				SGTHEM	SGTHEM
MB 220-24276/1	1	T	14:16	X	X
LCS 220-24276/2	1	T	14:16	X	X
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			14:16		
ZZZZZZ			15:30		
MB 220-24276/13	1	T	15:45	X	X
ZZZZZZ			15:45		
ZZZZZZ			15:45		
ZZZZZZ			15:45		
220-8005-1	1	T	15:45	X	X
ZZZZZZ			15:45		

Prep Types

T = Total/NA

MISCELLANEOUS DOCUMENTS

E671

EPA Request #: III.B.1.e.

TestAmerica Edison

PVSC41 - 00002194

8005

TestAmerica Edison
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax. (732) 549-3679

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Alison Sedlak	Samplers Name (Printed)	Job: E671 site: Newark PVSC
Company TestAmerica Edison	P.O. # send invoice with report	State (Location of site): NJ: X NY: Other:
Address 777 New Durham Road	Analysis Turnaround Time	Regulatory Program: Reduced
City Edison, New Jersey 08817	Standard	
Phone 732-549-3900 Fax 732-5493679	Rush Charges Authorized For: 2 Week; 1 Week HC 8 day HC; Other X	

ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of. Cont.	1664 O&G and TPH											LAB USE ONLY Sample Numbers
1 20630002-1 Grab	2/6/2009	13:15	Aq	2	2											
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH, 6 = Other BAK, 7 = Other NaOH&ZnAC				Soil:												
				Water:	2											

Project No:

Job No:

Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1)	TestAmerica Edison	2/9/09 19:00	1) UPS	
Relinquished by 2)	Company	Date / Time	Received by 2)	Company TACT 2/10/09 1011

TestAmerica Connecticut

PASSED RAD SCREEN 4.20c

Industrial Department

E671

TestAmerica - Connecticut
Internal Chain-of-Custody

220-8005
Edison - workshare

Trip Blank:

QC: Air:

FB:

Soil: Water: 1

Date Received: 2/10/09

Sample #s: 1

Locations: MISC C

Laboratory Sample #	Relinquished by	Accepted by	Date	Time	Reason	Relinquished by	Accepted by	Date
1	MSH	MM	2/11/09	1300	1664	USES		

TestAmerica Form# SMF00508.CT

TestAmerica Edison

Industrial Department

Login Sample Receipt Check List

Client: TestAmerica Laboratories, Inc.

Job Number: 220-8005-1
SDG Number: 220-8005

Login Number: 8005
Creator: Blocker, Kristina
List Number: 1

List Source: TestAmerica Connecticut

Question	T / F/ NA	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	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	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	

3/3/2009

Creamer Environmental Inc.
Water Meter Log for
PSEG SC Former Market Street MGP Site

Date	Prior Meter Reading	Current Meter Reading	Difference	Progress Totals	Comments
9/23/2008		00000314			Initial meter reading
9/26/2008	00000314	00020300	19,986	19,986	TestAmerica Sampled 9/25-9/26
9/29/2008	00020300	00034300	14,000	33,986	
9/30/2008	00034300	00040700	6,400	40,386	
10/2/2008	00040700	00049800	9,100	49,486	TestAmerica Sampled 10/2-10/3
10/6/2008	00049800	00059700	9,900	59,386	
10/7/2008	00059700	00073700	14,000	73,386	
10/9/2008	00073700	00074500	800	74,186	
10/10/2008	00074500	00079400	4,900	79,086	
10/13/2008	00079400	00087100	7,700	86,786	
10/14/2008	00087100	00087700	600	87,386	
10/15/2008	00087700	00089500	1,800	89,186	
10/23/2008	00089500	00095000	5,500	94,686	
10/27/2008	00095000	00095500	500	95,186	
10/29/2008	00095500	00111400	15,900	111,086	
11/5/2008	00111400	00120600	9,200	120,286	
11/6/2008	00120600	00126400	5,800	126,086	
11/7/2008	00126400	00131900	5,500	131,586	Frac Tank Swap Out and Prep
11/13/2008	00131900	00138100	6,200	137,786	TestAmerica Sampled 11/12-11/13
11/24/2008	00138100	00148300	10,200	147,986	
12/11/2008	00148300	00154400	6,100	154,086	TestAmerica Sampled 12/8-12/9
12/15/2008	00154400	00186600	32,200	186,286	
12/18/2008	00186600	00195900	9,300	195,586	
12/31/2008	00195900	00228800	32,900	228,486	
1/9/2009	00228800	00245500	16,700	245,186	TestAmerica Sampled 1/8-1/9
1/14/2009	00245500	00260500	15,000	260,186	
1/21/2009	00260500	00274700	14,200	274,386	
1/26/2009	00274700	00292700	18,000	292,386	
1/29/2009	00292700	00301100	8,400	300,786	
2/2/2009	00301100	00308800	7,700	308,486	
2/6/2009	00308800	00317700	8,900	317,386	TestAmerica Sampled 2/5-2/6
2/11/2009	00317700	00337700	20,000	337,386	
2/17/2009	00337700	00357100	19,400	356,786	
2/19/2009	00357100	00371500	14,400	371,186	last day of discharge for February

Creamer Environmental, Inc.
215 Union Street
Hackensack, NJ 07601

Attention: Ms. Tracy Straka

testamerica
THE LEADER IN ENVIRONMENTAL TESTING
777 New Durham Road
Edison, NJ 08817
Tel 732 549 3900
Fax 732 549 3679
www.testamericainc.com
Federal ID #:23-29199996

Laboratory Results
Job.No. E671 - Newark PVSC

Dear Ms. Straka:

Enclosed are the results you requested for the following sample(s) received at our laboratory on February 6, 2009.

Lab No.	Client ID	Analysis Required
982708	20630002-1 Grab	TTO VOA
		1664 SGT HEM
982709	20630002-1 Comp	Cd,Cu,Hg,Ni,Pb,Zn
		BOD

This report is not to be reproduced, except in full, without the written approval of the laboratory.

TestAmerica Edison has following Laboratory Certifications: New Jersey(12028), New York(11452), Pennsylvania(68-00522), Connecticut(PH-0200), Rhode Island(LAO00132)

An invoice for our services is also enclosed. If you have any questions, please contact me at (732) 549-3900.

Very Truly Yours,

Alison R. Sedlak

Alison Sedlak
Project Manager

E671

TestAmerica
777 New Durham Road
Edison, New Jersey 08817
Phone: (732) 549-3900 Fax: (732) 549-3679

TestAmerica Edison Field S

CHAIN OF CUSTODY / ANALYSIS REQUEST

Page 1 of 1

Name (for report and invoice) Ms. Tracy Straka	Samplers Name (Printed) Ed Levenwosky	Site/Project Identification Newark PVSC
Company Creamer Environmental, Inc.	P.O. #	State (Location of site): NJ: X NY: Other:
Address 215 Union Street	Analysis Turnaround Time Standard X	Regulatory Program:
City Hackensack State NJ	Rush Charges Authorized For: 2 Week ☐ 1 Week ☐ Other ☐	
Phone 201-988-4800 Fax		

ANALYSIS REQUESTED (ENTER 'X' BELOW TO INDICATE REQUEST)

Sample Identification	Date	Time	Matrix	No. of Cont.	O&G SGT-HEM 1664	TTO VO 624	BOD	METALS								LAB USE ONLY Sample Numbers
20630002-1 Grab	2/6/09	1315	AQ	5	X	X										982708
20630002-1 Composite	2/5-6/09	1300	AQ	2			X	X								982709
Preservation Used: 1 = ICE, 2 = HCl, 3 = H_2SO_4, 4 = HNO_3, 5 = NaOH 6 = Other ____, 7 = Other ____				Soil												
				Water	1,2	1,2	1	1,4								

LAB USE ONLY: Project No: 933822; Job No: E671

Short Hold

Special Instructions: COOLER Temp - 4° FR90

Water Metals Filtered (Yes/No)?

Relinquished by	Company	Date / Time	Received by	Company
1)	TESTAMERICA	2/6/09 1445	1)	Post
2)			2)	
3)			3)	
4)			4)	

Laboratory Certifications: New Jersey (12028), New York (11452), Pennsylvania (68-522), Connecticut (PH-0200), Rhode Island (132), Massachusetts (M-NJ312), North Carolina (No. 578)

EPA Request #: III.B.1.e.

TestAmerica Edison

Industrial Department

PVSC41 - 00002199

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