TABLE 2

GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Water Quality Results

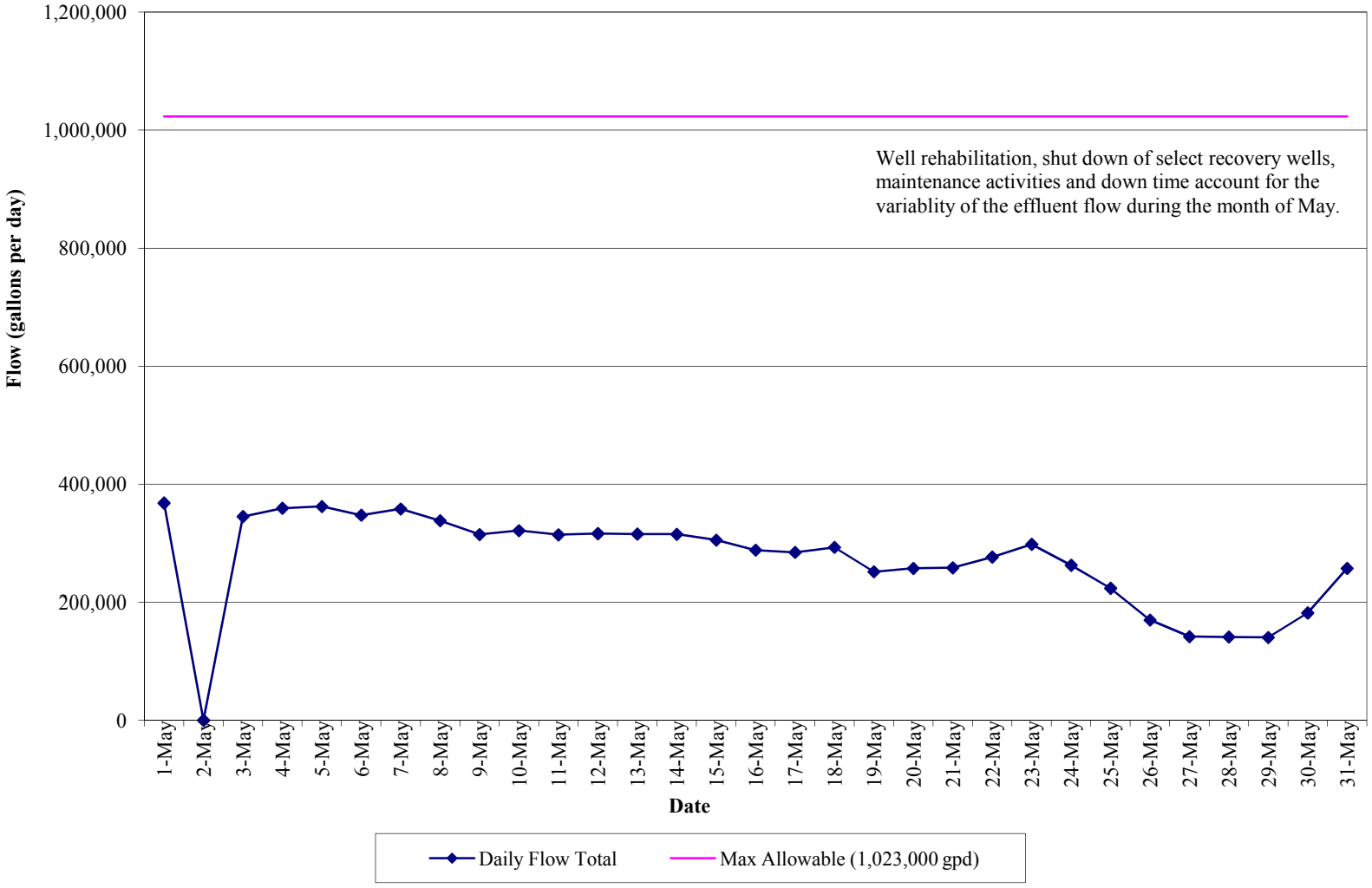
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
2-May-12	6.0	106	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.92 J,B	ND<0.5	0.29 J,B	ND<0.5	5.49	ND<0.01
11-May-12	6.0	121	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	2.3 B	ND<0.5	ND<2	ND<0.5	4.75	0.033
17-May-12	6.7	203	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	2.6 B	ND<0.5	ND<2	ND<0.5	6.71	1.780
23-May-12	5.9	118	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	2.7 B	ND<0.5	0.38 J,B	ND<0.5	3.63	0.066
30-May-12	6.1	132	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<1.5	ND<0.5	ND<0.5	0.39 J,B	ND<0.5	ND<2	ND<0.5	1.56	0.017

SPDES: State Pollutant Discharge Elimination System
mg/l: Milligrams per liter
ug/l: Micrograms per liter
----: Not established
NM: Not Measured
TDS: Total dissolved solids
PCE: Tetrachloroethylene
1,1,1-TCA: 1,1,1-Trichloroethane
TCE: Trichloroethene
1,1-DCA: 1,1-Dichlorothane
1,1-DCE: 1,1-Dichloroethene
cis-1,2-DCE: cis-1,2-Dichloroethene
trans-1,2,-DCE: trans-1,2-Dichloroethene
J: Analyte detected below quantitation limits, value shown is a laboratory estimate.
B: Analyte was found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
ND: Not detected

Notes:
1. Based on the SPDES criteria from an NYSDEC letter dated on October 21, 2011, the new allowable pH range for the Rowe Site is between 5.0 and 8.5.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.

GRAPH 1
GROUNDWATER REMEDIAL ACTION
ROWE INDUSTRIES SUPERFUND SITE
SAG HARBOR, NEW YORK

Effluent Flow Data
(May 1, 2012 to May 31, 2012)



APPENDIX I
MAY 2012 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 05/15/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0170

Report Date: 05/15/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0170

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 04, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0170-01	WQ5212:950NP2-6	Water	05/02/2012	05/04/2012
12E0170-02	WQ5212:955NP2-7	Water	05/02/2012	05/04/2012
12E0171-01	WQ5212:1000NP2-10	Water	05/02/2012	05/04/2012

General Notes for York Project (SDG) No.: 12E0170

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/15/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ5212:950NP2-6 **York Sample ID:** 12E0170-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0170	Rowe Industries	Water	May 2, 2012 9:50 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
71-55-6	**1,1,1-Trichloroethane**	**0.65**		ug/L	0.043	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-34-3	**1,1-Dichloroethane**	**0.33**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
95-63-6	**1,2,4-Trimethylbenzene**	**0.18**	J	ug/L	0.063	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS

Sample Information

Client Sample ID: WQ5212:950NP2-6 **York Sample ID:** 12E0170-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0170	Rowe Industries	Water	May 2, 2012 9:50 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
67-66-3	**Chloroform**	**0.23**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-09-2	**Methylene chloride**	**1.1**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
91-20-3	**Naphthalene**	**0.46**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
1330-20-7P/M	**p- & m- Xylenes**	**0.14**	J	ug/L	0.086	1.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
127-18-4	**Tetrachloroethylene**	**0.81**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
79-01-6	**Trichloroethylene**	**0.15**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS
1330-20-7	**Xylenes, Total**	**0.14**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 19:18	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*93.9 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ5212:950NP2-6 **York Sample ID:** 12E0170-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0170	Rowe Industries	Water	May 2, 2012 9:50 am	05/04/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.110**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/07/2012 15:51	05/07/2012 18:30	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.31**		mg/L	0.00550	0.0100	1	EPA 200.7	05/07/2012 15:51	05/07/2012 18:35	MW

Sample Information

Client Sample ID: WQ5212:955NP2-7 **York Sample ID:** 12E0170-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0170	Rowe Industries	Water	May 2, 2012 9:55 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS

Sample Information

Client Sample ID: WQ5212:955NP2-7 **York Sample ID:** 12E0170-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0170	Rowe Industries	Water	May 2, 2012 9:55 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-09-2	**Methylene chloride**	**0.91**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
91-20-3	**Naphthalene**	**0.11**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS

Sample Information

Client Sample ID: WQ5212:955NP2-7 **York Sample ID:** 12E0170-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0170	Rowe Industries	Water	May 2, 2012 9:55 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/07/2012 10:48	05/07/2012 20:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0747**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/07/2012 15:51	05/07/2012 18:40	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.37**		mg/L	0.00550	0.0100	1	EPA 200.7	05/07/2012 15:51	05/07/2012 18:44	MW

Sample Information

Client Sample ID: WQ5212:1000NP2-10 **York Sample ID:** 12E0171-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0171	Rowe Industries	Water	May 2, 2012 10:00 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS

Sample Information

Client Sample ID: WQ5212:1000NP2-10 **York Sample ID:** 12E0171-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0171	Rowe Industries	Water	May 2, 2012 10:00 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS

Sample Information

Client Sample ID: WQ5212:1000NP2-10 **York Sample ID:** 12E0171-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0171	Rowe Industries	Water	May 2, 2012 10:00 am	05/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-09-2	**Methylene chloride**	**0.92**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
91-20-3	**Naphthalene**	**0.29**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/07/2012 11:20	05/07/2012 13:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.1 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.3 %*	*81.2-127*

Sample Information

Client Sample ID: **WQ5212:1000NP2-10** **York Sample ID:** **12E0171-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0171	Rowe Industries	Water	May 2, 2012 10:00 am	05/04/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/07/2012 15:51	05/07/2012 18:49	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**5.49**		mg/L	0.00550	0.0100	1	EPA 200.7	05/07/2012 15:51	05/07/2012 19:07	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**106**		mg/L	1.00	1.00	1	SM 2540C	05/08/2012 10:52	05/08/2012 10:52	AMC

Analytical Batch Summary

Batch ID: BE20212 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12E0171-01	WQ5212:1000NP2-10	05/08/12
BE20212-BLK1	Blank	05/08/12
BE20212-DUP1	Duplicate	05/08/12

Batch ID: BE20223 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0170-01	WQ5212:950NP2-6	05/07/12
12E0170-02	WQ5212:955NP2-7	05/07/12
BE20223-BLK1	Blank	05/07/12
BE20223-BS1	LCS	05/07/12
BE20223-BSD1	LCS Dup	05/07/12

Batch ID: BE20224 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0171-01	WQ5212:1000NP2-10	05/07/12
BE20224-BLK1	Blank	05/07/12
BE20224-BS1	LCS	05/07/12
BE20224-BSD1	LCS Dup	05/07/12

Batch ID: BE20252 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12E0170-01	WQ5212:950NP2-6	05/07/12
12E0170-01	WQ5212:950NP2-6	05/07/12
12E0170-02	WQ5212:955NP2-7	05/07/12
12E0170-02	WQ5212:955NP2-7	05/07/12
12E0171-01	WQ5212:1000NP2-10	05/07/12
12E0171-01	WQ5212:1000NP2-10	05/07/12
BE20252-BLK1	Blank	05/07/12
BE20252-BLK1	Blank	05/07/12
BE20252-DUP1	Duplicate	05/07/12
BE20252-DUP1	Duplicate	05/07/12
BE20252-MS1	Matrix Spike	05/07/12
BE20252-MS1	Matrix Spike	05/07/12
BE20252-SRM1	Reference	05/07/12
BE20252-SRM1	Reference	05/07/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20223 - EPA 5030B											
Blank (BE20223-BLK1)											Prepared & Analyzed: 05/07/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.2	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.1	2.0	"								
Naphthalene	0.60	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20223 - EPA 5030B											
Blank (BE20223-BLK1)								Prepared & Analyzed: 05/07/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*8.98*		*"*	*10.0*		*89.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*63.5-145*				
Surrogate: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81.2-127*				
LCS (BE20223-BS1)								Prepared & Analyzed: 05/07/2012			
1,1,1,2-Tetrachloroethane	8.83		ug/L	10.0		88.3	82.3-130				
1,1,1-Trichloroethane	8.54		"	10.0		85.4	75.6-137				
1,1,2,2-Tetrachloroethane	8.29		"	10.0		82.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.80		"	10.0		88.0	71.1-129				
1,1,2-Trichloroethane	8.99		"	10.0		89.9	74.5-129				
1,1-Dichloroethane	9.01		"	10.0		90.1	79.6-132				
1,1-Dichloroethylene	9.22		"	10.0		92.2	80.2-146				
1,1-Dichloropropylene	9.83		"	10.0		98.3	75-136				
1,2,3-Trichlorobenzene	9.22		"	10.0		92.2	66.1-136				
1,2,3-Trichloropropane	7.81		"	10.0		78.1	63-131				
1,2,4-Trichlorobenzene	9.65		"	10.0		96.5	70.6-136				
1,2,4-Trimethylbenzene	8.77		"	10.0		87.7	75.3-135				
1,2-Dibromo-3-chloropropane	8.10		"	10.0		81.0	58.9-140				
1,2-Dibromoethane	9.45		"	10.0		94.5	79-130				
1,2-Dichlorobenzene	8.61		"	10.0		86.1	76.1-122				
1,2-Dichloroethane	8.67		"	10.0		86.7	74.6-132				
1,2-Dichloropropane	8.97		"	10.0		89.7	76.9-129				
1,3,5-Trimethylbenzene	8.46		"	10.0		84.6	70.6-127				
1,3-Dichlorobenzene	8.52		"	10.0		85.2	77-124				
1,3-Dichloropropane	8.89		"	10.0		88.9	75.8-126				
1,4-Dichlorobenzene	8.55		"	10.0		85.5	76.6-125				
2,2-Dichloropropane	7.64		"	10.0		76.4	69-133				
2-Chlorotoluene	8.34		"	10.0		83.4	66.3-119				
2-Hexanone	8.61		"	10.0		86.1	70-130				
4-Chlorotoluene	8.58		"	10.0		85.8	69.2-127				
Acetone	6.27		"	10.0		62.7	70-130	Low Bias			
Benzene	9.07		"	10.0		90.7	76.2-129				
Bromobenzene	8.23		"	10.0		82.3	71.3-123				
Bromochloromethane	9.66		"	10.0		96.6	70.8-137				
Bromodichloromethane	9.16		"	10.0		91.6	79.7-134				
Bromoform	9.17		"	10.0		91.7	70.5-141				
Bromomethane	8.45		"	10.0		84.5	43.9-147				
Carbon tetrachloride	8.82		"	10.0		88.2	78.1-138				
Chlorobenzene	9.03		"	10.0		90.3	80.4-125				
Chloroethane	9.76		"	10.0		97.6	55.8-140				
Chloroform	8.75		"	10.0		87.5	76.6-133				
Chloromethane	8.04		"	10.0		80.4	48.8-115				
cis-1,2-Dichloroethylene	9.01		"	10.0		90.1	75.1-128				
cis-1,3-Dichloropropylene	8.77		"	10.0		87.7	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20223 - EPA 5030B											
LCS (BE20223-BS1)							Prepared & Analyzed: 05/07/2012				
Dibromochloromethane	8.85		ug/L	10.0		88.5	79.8-134				
Dibromomethane	9.51		"	10.0		95.1	79-130				
Dichlorodifluoromethane	7.31		"	10.0		73.1	47.1-101				
Ethyl Benzene	9.18		"	10.0		91.8	80.8-128				
Hexachlorobutadiene	8.44		"	10.0		84.4	64.8-128				
Isopropylbenzene	8.96		"	10.0		89.6	75.5-135				
Methyl tert-butyl ether (MTBE)	3.70		"	10.0		37.0	65.1-140	Low Bias			
Methylene chloride	7.62		"	10.0		76.2	61.3-120				
Naphthalene	10.8		"	10.0		108	62.3-148				
n-Butylbenzene	8.63		"	10.0		86.3	67.2-123				
n-Propylbenzene	8.39		"	10.0		83.9	70.5-127				
o-Xylene	8.68		"	10.0		86.8	75.9-122				
p- & m- Xylenes	17.7		"	20.0		88.4	77.7-127				
p-Isopropyltoluene	8.70		"	10.0		87.0	75.6-129				
sec-Butylbenzene	8.28		"	10.0		82.8	71.5-125				
Styrene	8.87		"	10.0		88.7	77.8-123				
tert-Butylbenzene	8.37		"	10.0		83.7	75.9-151				
Tetrachloroethylene	9.05		"	10.0		90.5	63.6-167				
Toluene	8.99		"	10.0		89.9	77-123				
trans-1,2-Dichloroethylene	9.18		"	10.0		91.8	76.3-139				
trans-1,3-Dichloropropylene	8.77		"	10.0		87.7	72.5-137				
Trichloroethylene	8.71		"	10.0		87.1	77.9-130				
Trichlorofluoromethane	8.39		"	10.0		83.9	57.4-133				
Vinyl Chloride	8.24		"	10.0		82.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.27*		*"*	*10.0*		*92.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20223 - EPA 5030B											
LCS Dup (BE20223-BSD1)							Prepared & Analyzed: 05/07/2012				
1,1,1,2-Tetrachloroethane	9.08		ug/L	10.0		90.8	82.3-130		2.79	21.1	
1,1,1-Trichloroethane	8.75		"	10.0		87.5	75.6-137		2.43	19.7	
1,1,2,2-Tetrachloroethane	8.75		"	10.0		87.5	71.3-131		5.40	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.46		"	10.0		94.6	71.1-129		7.23	21.7	
1,1,2-Trichloroethane	9.15		"	10.0		91.5	74.5-129		1.76	20.3	
1,1-Dichloroethane	9.50		"	10.0		95.0	79.6-132		5.29	20.6	
1,1-Dichloroethylene	9.53		"	10.0		95.3	80.2-146		3.31	20	
1,1-Dichloropropylene	10.8		"	10.0		108	75-136		9.31	19.3	
1,2,3-Trichlorobenzene	9.60		"	10.0		96.0	66.1-136		4.04	21.6	
1,2,3-Trichloropropane	7.95		"	10.0		79.5	63-131		1.78	23.9	
1,2,4-Trichlorobenzene	9.86		"	10.0		98.6	70.6-136		2.15	21.7	
1,2,4-Trimethylbenzene	8.97		"	10.0		89.7	75.3-135		2.25	18.8	
1,2-Dibromo-3-chloropropane	9.17		"	10.0		91.7	58.9-140		12.4	27.7	
1,2-Dibromoethane	9.69		"	10.0		96.9	79-130		2.51	23	
1,2-Dichlorobenzene	9.09		"	10.0		90.9	76.1-122		5.42	19.8	
1,2-Dichloroethane	9.25		"	10.0		92.5	74.6-132		6.47	20.2	
1,2-Dichloropropane	9.47		"	10.0		94.7	76.9-129		5.42	20.7	
1,3,5-Trimethylbenzene	8.74		"	10.0		87.4	70.6-127		3.26	18.9	
1,3-Dichlorobenzene	8.88		"	10.0		88.8	77-124		4.14	19.2	
1,3-Dichloropropane	9.01		"	10.0		90.1	75.8-126		1.34	22.1	
1,4-Dichlorobenzene	8.93		"	10.0		89.3	76.6-125		4.35	18.6	
2,2-Dichloropropane	7.80		"	10.0		78.0	69-133		2.07	19.8	
2-Chlorotoluene	8.31		"	10.0		83.1	66.3-119		0.360	21.6	
2-Hexanone	9.60		"	10.0		96.0	70-130		10.9	30	
4-Chlorotoluene	8.76		"	10.0		87.6	69.2-127		2.08	19	
Acetone	6.58		"	10.0		65.8	70-130	Low Bias	4.82	30	
Benzene	9.40		"	10.0		94.0	76.2-129		3.57	19	
Bromobenzene	8.54		"	10.0		85.4	71.3-123		3.70	20.3	
Bromochloromethane	10.1		"	10.0		101	70.8-137		4.75	23.9	
Bromodichloromethane	9.50		"	10.0		95.0	79.7-134		3.64	21	
Bromoform	9.31		"	10.0		93.1	70.5-141		1.52	21.8	
Bromomethane	8.56		"	10.0		85.6	43.9-147		1.29	28.4	
Carbon tetrachloride	9.47		"	10.0		94.7	78.1-138		7.11	20.1	
Chlorobenzene	9.28		"	10.0		92.8	80.4-125		2.73	19.9	
Chloroethane	9.60		"	10.0		96.0	55.8-140		1.65	23.3	
Chloroform	8.96		"	10.0		89.6	76.6-133		2.37	20.3	
Chloromethane	8.42		"	10.0		84.2	48.8-115		4.62	24.5	
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	75.1-128		4.02	20.5	
cis-1,3-Dichloropropylene	9.21		"	10.0		92.1	74.5-128		4.89	19.9	
Dibromochloromethane	9.35		"	10.0		93.5	79.8-134		5.49	21.3	
Dibromomethane	9.51		"	10.0		95.1	79-130		0.00	22.4	
Dichlorodifluoromethane	7.96		"	10.0		79.6	47.1-101		8.51	23.9	
Ethyl Benzene	9.35		"	10.0		93.5	80.8-128		1.83	19.2	
Hexachlorobutadiene	8.68		"	10.0		86.8	64.8-128		2.80	20.6	
Isopropylbenzene	9.22		"	10.0		92.2	75.5-135		2.86	20	
Methyl tert-butyl ether (MTBE)	3.98		"	10.0		39.8	65.1-140	Low Bias	7.29	23.6	
Methylene chloride	7.86		"	10.0		78.6	61.3-120		3.10	20.4	
Naphthalene	10.9		"	10.0		109	62.3-148		1.02	27.1	
n-Butylbenzene	8.97		"	10.0		89.7	67.2-123		3.86	19.1	
n-Propylbenzene	8.67		"	10.0		86.7	70.5-127		3.28	23.4	
o-Xylene	8.94		"	10.0		89.4	75.9-122		2.95	19.3	
p- & m- Xylenes	17.9		"	20.0		89.3	77.7-127		1.01	18.6	
p-Isopropyltoluene	8.96		"	10.0		89.6	75.6-129		2.94	19.1	
sec-Butylbenzene	8.53		"	10.0		85.3	71.5-125		2.97	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20223 - EPA 5030B											
LCS Dup (BE20223-BSD1)								Prepared & Analyzed: 05/07/2012			
Styrene	9.09		ug/L	10.0		90.9	77.8-123		2.45	20.9	
tert-Butylbenzene	8.59		"	10.0		85.9	75.9-151		2.59	20.9	
Tetrachloroethylene	9.31		"	10.0		93.1	63.6-167		2.83	27.7	
Toluene	9.26		"	10.0		92.6	77-123		2.96	18.7	
trans-1,2-Dichloroethylene	9.57		"	10.0		95.7	76.3-139		4.16	19.5	
trans-1,3-Dichloropropylene	9.28		"	10.0		92.8	72.5-137		5.65	19.3	
Trichloroethylene	8.99		"	10.0		89.9	77.9-130		3.16	20.5	
Trichlorofluoromethane	9.11		"	10.0		91.1	57.4-133		8.23	21.4	
Vinyl Chloride	8.71		"	10.0		87.1	54.9-124		5.55	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81.2-127*				
Batch BE20224 - EPA 5030B											
Blank (BE20224-BLK1)								Prepared & Analyzed: 05/07/2012			
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.58	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	1.2	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20224 - EPA 5030B											
Blank (BE20224-BLK1)									Prepared & Analyzed: 05/07/2012		
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	2.1	2.0	"								
Naphthalene	1.3	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.19*		*"*	*10.0*		*91.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE20224 - EPA 5030B

LCS (BE20224-BS1) Prepared & Analyzed: 05/07/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82.3-130				
1,1,1-Trichloroethane	8.84		"	10.0		88.4	75.6-137				
1,1,2,2-Tetrachloroethane	9.88		"	10.0		98.8	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.51		"	10.0		95.1	71.1-129				
1,1,2-Trichloroethane	9.79		"	10.0		97.9	74.5-129				
1,1-Dichloroethane	9.35		"	10.0		93.5	79.6-132				
1,1-Dichloroethylene	9.41		"	10.0		94.1	80.2-146				
1,1-Dichloropropylene	9.77		"	10.0		97.7	75-136				
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136				
1,2,3-Trichloropropane	9.05		"	10.0		90.5	63-131				
1,2,4-Trichlorobenzene	11.0		"	10.0		110	70.6-136				
1,2,4-Trimethylbenzene	8.97		"	10.0		89.7	75.3-135				
1,2-Dibromo-3-chloropropane	9.97		"	10.0		99.7	58.9-140				
1,2-Dibromoethane	10.1		"	10.0		101	79-130				
1,2-Dichlorobenzene	9.52		"	10.0		95.2	76.1-122				
1,2-Dichloroethane	9.59		"	10.0		95.9	74.6-132				
1,2-Dichloropropane	9.26		"	10.0		92.6	76.9-129				
1,3,5-Trimethylbenzene	8.52		"	10.0		85.2	70.6-127				
1,3-Dichlorobenzene	9.21		"	10.0		92.1	77-124				
1,3-Dichloropropane	9.14		"	10.0		91.4	75.8-126				
1,4-Dichlorobenzene	9.51		"	10.0		95.1	76.6-125				
2,2-Dichloropropane	9.60		"	10.0		96.0	69-133				
2-Chlorotoluene	8.29		"	10.0		82.9	66.3-119				
2-Hexanone	10.3		"	10.0		103	70-130				
4-Chlorotoluene	8.58		"	10.0		85.8	69.2-127				
Acetone	3.48		"	10.0		34.8	70-130	Low Bias			
Benzene	9.27		"	10.0		92.7	76.2-129				
Bromobenzene	8.73		"	10.0		87.3	71.3-123				
Bromochloromethane	9.69		"	10.0		96.9	70.8-137				
Bromodichloromethane	9.46		"	10.0		94.6	79.7-134				
Bromoform	10.4		"	10.0		104	70.5-141				
Bromomethane	11.7		"	10.0		117	43.9-147				
Carbon tetrachloride	9.66		"	10.0		96.6	78.1-138				
Chlorobenzene	9.15		"	10.0		91.5	80.4-125				
Chloroethane	9.40		"	10.0		94.0	55.8-140				
Chloroform	8.98		"	10.0		89.8	76.6-133				
Chloromethane	8.72		"	10.0		87.2	48.8-115				
cis-1,2-Dichloroethylene	9.52		"	10.0		95.2	75.1-128				
cis-1,3-Dichloropropylene	9.21		"	10.0		92.1	74.5-128				
Dibromochloromethane	9.83		"	10.0		98.3	79.8-134				
Dibromomethane	9.59		"	10.0		95.9	79-130				
Dichlorodifluoromethane	8.12		"	10.0		81.2	47.1-101				
Ethyl Benzene	9.22		"	10.0		92.2	80.8-128				
Hexachlorobutadiene	8.65		"	10.0		86.5	64.8-128				
Isopropylbenzene	8.63		"	10.0		86.3	75.5-135				
Methyl tert-butyl ether (MTBE)	12.8		"	10.0		128	65.1-140				
Methylene chloride	7.20		"	10.0		72.0	61.3-120				
Naphthalene	8.61		"	10.0		86.1	62.3-148				
n-Butylbenzene	8.55		"	10.0		85.5	67.2-123				
n-Propylbenzene	8.17		"	10.0		81.7	70.5-127				
o-Xylene	8.80		"	10.0		88.0	75.9-122				
p- & m- Xylenes	18.1		"	20.0		90.3	77.7-127				
p-Isopropyltoluene	8.71		"	10.0		87.1	75.6-129				
sec-Butylbenzene	8.27		"	10.0		82.7	71.5-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20224 - EPA 5030B											
LCS (BE20224-BS1)								Prepared & Analyzed: 05/07/2012			
Styrene	9.29		ug/L	10.0		92.9	77.8-123				
tert-Butylbenzene	9.41		"	10.0		94.1	75.9-151				
Tetrachloroethylene	9.03		"	10.0		90.3	63.6-167				
Toluene	8.87		"	10.0		88.7	77-123				
trans-1,2-Dichloroethylene	9.03		"	10.0		90.3	76.3-139				
trans-1,3-Dichloropropylene	9.80		"	10.0		98.0	72.5-137				
Trichloroethylene	8.51		"	10.0		85.1	77.9-130				
Trichlorofluoromethane	9.04		"	10.0		90.4	57.4-133				
Vinyl Chloride	9.71		"	10.0		97.1	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.98*		*"*	*10.0*		*99.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*10.2*		*"*	*10.0*		*102*	*63.5-145*				
Surrogate: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81.2-127*				
LCS Dup (BE20224-BSD1)								Prepared & Analyzed: 05/07/2012			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		3.46	21.1	
1,1,1-Trichloroethane	9.85		"	10.0		98.5	75.6-137		10.8	19.7	
1,1,2,2-Tetrachloroethane	9.37		"	10.0		93.7	71.3-131		5.30	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	71.1-129		16.0	21.7	
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129		2.12	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		10.8	20.6	
1,1-Dichloroethylene	10.7		"	10.0		107	80.2-146		13.0	20	
1,1-Dichloropropylene	11.2		"	10.0		112	75-136		13.5	19.3	
1,2,3-Trichlorobenzene	10.5		"	10.0		105	66.1-136		1.04	21.6	
1,2,3-Trichloropropane	8.49		"	10.0		84.9	63-131		6.39	23.9	
1,2,4-Trichlorobenzene	10.7		"	10.0		107	70.6-136		2.85	21.7	
1,2,4-Trimethylbenzene	9.41		"	10.0		94.1	75.3-135		4.79	18.8	
1,2-Dibromo-3-chloropropane	9.91		"	10.0		99.1	58.9-140		0.604	27.7	
1,2-Dibromoethane	10.9		"	10.0		109	79-130		7.15	23	
1,2-Dichlorobenzene	9.28		"	10.0		92.8	76.1-122		2.55	19.8	
1,2-Dichloroethane	10.1		"	10.0		101	74.6-132		4.98	20.2	
1,2-Dichloropropane	10.1		"	10.0		101	76.9-129		8.48	20.7	
1,3,5-Trimethylbenzene	8.65		"	10.0		86.5	70.6-127		1.51	18.9	
1,3-Dichlorobenzene	9.16		"	10.0		91.6	77-124		0.544	19.2	
1,3-Dichloropropane	9.78		"	10.0		97.8	75.8-126		6.77	22.1	
1,4-Dichlorobenzene	9.06		"	10.0		90.6	76.6-125		4.85	18.6	
2,2-Dichloropropane	10.7		"	10.0		107	69-133		11.0	19.8	
2-Chlorotoluene	8.73		"	10.0		87.3	66.3-119		5.17	21.6	
2-Hexanone	9.78		"	10.0		97.8	70-130		5.57	30	
4-Chlorotoluene	9.44		"	10.0		94.4	69.2-127		9.54	19	
Acetone	3.67		"	10.0		36.7	70-130	Low Bias	5.31	30	
Benzene	10.3		"	10.0		103	76.2-129		10.1	19	
Bromobenzene	8.95		"	10.0		89.5	71.3-123		2.49	20.3	
Bromochloromethane	10.9		"	10.0		109	70.8-137		11.4	23.9	
Bromodichloromethane	10.3		"	10.0		103	79.7-134		8.11	21	
Bromoform	9.91		"	10.0		99.1	70.5-141		4.54	21.8	
Bromomethane	13.0		"	10.0		130	43.9-147		10.4	28.4	
Carbon tetrachloride	11.3		"	10.0		113	78.1-138		15.5	20.1	
Chlorobenzene	9.74		"	10.0		97.4	80.4-125		6.25	19.9	
Chloroethane	11.0		"	10.0		110	55.8-140		15.3	23.3	
Chloroform	9.80		"	10.0		98.0	76.6-133		8.73	20.3	
Chloromethane	9.60		"	10.0		96.0	48.8-115		9.61	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		6.50	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		8.62	19.9	
Dibromochloromethane	10.2		"	10.0		102	79.8-134		4.09	21.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20224 - EPA 5030B											
LCS Dup (BE20224-BSD1)							Prepared & Analyzed: 05/07/2012				
Dibromomethane	10.1		ug/L	10.0		101	79-130		4.98	22.4	
Dichlorodifluoromethane	9.56		"	10.0		95.6	47.1-101		16.3	23.9	
Ethyl Benzene	10.0		"	10.0		100	80.8-128		8.12	19.2	
Hexachlorobutadiene	9.13		"	10.0		91.3	64.8-128		5.40	20.6	
Isopropylbenzene	9.46		"	10.0		94.6	75.5-135		9.18	20	
Methyl tert-butyl ether (MTBE)	13.8		"	10.0		138	65.1-140		7.00	23.6	
Methylene chloride	7.71		"	10.0		77.1	61.3-120		6.84	20.4	
Naphthalene	9.26		"	10.0		92.6	62.3-148		7.27	27.1	
n-Butylbenzene	9.06		"	10.0		90.6	67.2-123		5.79	19.1	
n-Propylbenzene	8.93		"	10.0		89.3	70.5-127		8.89	23.4	
o-Xylene	9.38		"	10.0		93.8	75.9-122		6.38	19.3	
p- & m- Xylenes	19.6		"	20.0		98.0	77.7-127		8.23	18.6	
p-Isopropyltoluene	9.19		"	10.0		91.9	75.6-129		5.36	19.1	
sec-Butylbenzene	8.91		"	10.0		89.1	71.5-125		7.45	18.9	
Styrene	9.72		"	10.0		97.2	77.8-123		4.52	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		6.28	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		11.1	27.7	
Toluene	9.72		"	10.0		97.2	77-123		9.14	18.7	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	76.3-139		12.5	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		7.84	19.3	
Trichloroethylene	9.31		"	10.0		93.1	77.9-130		8.98	20.5	
Trichlorofluoromethane	10.5		"	10.0		105	57.4-133		14.9	21.4	
Vinyl Chloride	11.0		"	10.0		110	54.9-124		12.2	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.65*		*"*	*10.0*		*96.5*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.73*		*"*	*10.0*		*97.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20252 - EPA 3010A											
Blank (BE20252-BLK1)								Prepared & Analyzed: 05/07/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BE20252-DUP1)	*Source sample: 12E0171-01 (WQ5212:1000NP2-10)							Prepared & Analyzed: 05/07/2012			
Iron - Dissolved	ND	0.0100	mg/L		ND					20	
Matrix Spike (BE20252-MS1)	*Source sample: 12E0171-01 (WQ5212:1000NP2-10)							Prepared & Analyzed: 05/07/2012			
Iron - Dissolved	1.09	0.0100	mg/L	1.00	ND	109	75-125				
Reference (BE20252-SRM1)								Prepared & Analyzed: 05/07/2012			
Iron - Dissolved	0.583	0.0100	mg/L	0.589		99.0	87.9-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20252 - EPA 3010A											
Blank (BE20252-BLK1)								Prepared & Analyzed: 05/07/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BE20252-DUP1)	*Source sample: 12E0171-01 (WQ5212:1000NP2-10)							Prepared & Analyzed: 05/07/2012			
Iron	5.48	0.0100	mg/L		5.49				0.243	20	
Matrix Spike (BE20252-MS1)	*Source sample: 12E0171-01 (WQ5212:1000NP2-10)							Prepared & Analyzed: 05/07/2012			
Iron	6.66	0.0100	mg/L	1.00	5.49	117	75-125				
Reference (BE20252-SRM1)								Prepared & Analyzed: 05/07/2012			
Iron	0.583	0.0100	mg/L	0.589		99.0	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20212 - % Solids Prep											
Blank (BE20212-BLK1)								Prepared & Analyzed: 05/08/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BE20212-DUP1)	*Source sample: 12E0171-01 (WQ5212:1000NP2-10)							Prepared & Analyzed: 05/08/2012			
Total Dissolved Solids	100	1.00	mg/L		106				5.83	15	

Notes and Definitions

QL-03	This LCS analyte recovered outside of acceptance limits. The LCS contains approximately 70 compounds, a limited number of which may be outside acceptance windows.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0170

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2 to only, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet ___

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around-time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN INAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Me/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ5212-950NP2-6	5/2/12 950	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus Freon 113	2x 2P
WQ5212-955NP2-7	955	GW	↓	2x 2P
WQ5212-1000NP2-10	1000	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260B) plus Freon 113 / TDS (SM 2540C)	2x 3P

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 5/4/12 8:50
Samples Relinquished By — Date/Time:

Samples Received By — Date/Time: 5/4/12-1300
Samples Received in LAB by — Date/Time:

Temperature on Receipt 3.8 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

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This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0171

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr Suite 301 Shelton, CT 06484	Address:	Address:	**Purchase Order No.** NABSAG.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.		RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) X	NY ASP B Package NP2-100nly, pdf.
					NJDEP Red. Deliv.

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
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Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
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MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded No Dioxin Pesticides	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQS212-950NP2-6	5/4/12 950	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus Freon 113	2 v 2P
WQS212-955NP2-7	955	GW		2 v 2P
WQS212-1000NP2-10	1000	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus Freon 113 / TDS (SM 2540C)	2 v 3P

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C X Frozen ___ HCl X MeOH ___ HNO_3 X H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time 5/4/12 8:50
Samples Relinquished By — Date/Time

Samples Received By — Date/Time 5/4 8:50
Samples Received in LAB by — Date/Time 5/4/12 1300

Temperature on Receipt 3.8 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 05/23/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0484

Report Date: 05/23/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0484

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 14, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0484-01	WQ051112:700NP2-6	Water	05/11/2012	05/14/2012
12E0484-02	WQ051112:705NP2-7	Water	05/11/2012	05/14/2012
12E0485-01	WQ051112:710NP2-10	Water	05/11/2012	05/14/2012

General Notes for York Project (SDG) No.: 12E0484

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 05/23/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: **WQ051112:700NP2-6** **York Sample ID:** **12E0484-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0484	Rowe Industries	Water	May 11, 2012 7:00 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
71-55-6	**1,1,1-Trichloroethane**	**0.46**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-34-3	**1,1-Dichloroethane**	**0.21**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS

Sample Information

Client Sample ID: **WQ051112:700NP2-6** **York Sample ID:** **12E0484-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0484	Rowe Industries	Water	May 11, 2012 7:00 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
67-66-3	**Chloroform**	**0.25**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-09-2	**Methylene chloride**	**2.0**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
127-18-4	**Tetrachloroethylene**	**0.71**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
79-01-6	**Trichloroethylene**	**0.21**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 05:57	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.7 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051112:700NP2-6 **York Sample ID:** 12E0484-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0484	Rowe Industries	Water	May 11, 2012 7:00 am	05/14/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.140**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/15/2012 15:06	05/15/2012 20:18	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.37**		mg/L	0.00550	0.0100	1	EPA 200.7	05/15/2012 15:06	05/15/2012 20:23	MW

Sample Information

Client Sample ID: WQ051112:705NP2-7 **York Sample ID:** 12E0484-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0484	Rowe Industries	Water	May 11, 2012 7:05 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS

Sample Information

Client Sample ID: WQ051112:705NP2-7 **York Sample ID:** 12E0484-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0484	Rowe Industries	Water	May 11, 2012 7:05 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
67-64-1	**Acetone**	**1.5**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-09-2	**Methylene chloride**	**2.0**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS

Sample Information

Client Sample ID: WQ051112:705NP2-7 **York Sample ID:** 12E0484-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0484	Rowe Industries	Water	May 11, 2012 7:05 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 06:51	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.8 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.5 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0721**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/15/2012 15:06	05/15/2012 20:28	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.90**		mg/L	0.00550	0.0100	1	EPA 200.7	05/15/2012 15:06	05/15/2012 20:33	MW

Sample Information

Client Sample ID: WQ051112:710NP2-10 **York Sample ID:** 12E0485-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0485	Rowe Industries	Water	May 11, 2012 7:10 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS

Sample Information

Client Sample ID: WQ051112:710NP2-10 **York Sample ID:** 12E0485-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0485	Rowe Industries	Water	May 11, 2012 7:10 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
67-64-1	**Acetone**	**2.5**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS

Sample Information

Client Sample ID: WQ051112:710NP2-10 **York Sample ID:** 12E0485-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0485	Rowe Industries	Water	May 11, 2012 7:10 am	05/14/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-09-2	**Methylene chloride**	**2.3**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/16/2012 08:22	05/17/2012 07:43	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*98.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.7 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051112:710NP2-10 **York Sample ID:** 12E0485-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0485	Rowe Industries	Water	May 11, 2012 7:10 am	05/14/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0327**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/15/2012 15:06	05/15/2012 20:37	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**4.75**		mg/L	0.00550	0.0100	1	EPA 200.7	05/15/2012 15:06	05/15/2012 21:08	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**121**		mg/L	1.00	1.00	1	SM 2540C	05/16/2012 15:35	05/16/2012 15:35	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BE20574 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12E0485-01	WQ051112:710NP2-10	05/16/12
BE20574-BLK1	Blank	05/16/12
BE20574-DUP2	Duplicate	05/16/12

Batch ID: BE20588 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12E0484-01	WQ051112:700NP2-6	05/15/12
12E0484-01	WQ051112:700NP2-6	05/15/12
12E0484-02	WQ051112:705NP2-7	05/15/12
12E0484-02	WQ051112:705NP2-7	05/15/12
12E0485-01	WQ051112:710NP2-10	05/15/12
12E0485-01	WQ051112:710NP2-10	05/15/12
BE20588-BLK1	Blank	05/15/12
BE20588-BLK1	Blank	05/15/12
BE20588-DUP1	Duplicate	05/15/12
BE20588-DUP1	Duplicate	05/15/12
BE20588-MS1	Matrix Spike	05/15/12
BE20588-MS1	Matrix Spike	05/15/12
BE20588-SRM1	Reference	05/15/12
BE20588-SRM1	Reference	05/15/12

Batch ID: BE20654 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0484-01	WQ051112:700NP2-6	05/16/12
12E0484-02	WQ051112:705NP2-7	05/16/12
12E0485-01	WQ051112:710NP2-10	05/16/12
BE20654-BLK1	Blank	05/16/12
BE20654-BS1	LCS	05/16/12
BE20654-BSD1	LCS Dup	05/16/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE20654 - EPA 5030B

Blank (BE20654-BLK1) Prepared: 05/16/2012 Analyzed: 05/17/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	5.1	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	4.2	2.0	"								
Naphthalene	0.60	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20654 - EPA 5030B											
Blank (BE20654-BLK1)								Prepared: 05/16/2012 Analyzed: 05/17/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.48*		*"*	*10.0*		*94.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.29*		*"*	*10.0*		*92.9*	*63.5-145*				
Surrogate: Toluene-d8	*9.86*		*"*	*10.0*		*98.6*	*81.2-127*				
LCS (BE20654-BS1)								Prepared & Analyzed: 05/16/2012			
1,1,1,2-Tetrachloroethane	9.66		ug/L	10.0		96.6	82.3-130				
1,1,1-Trichloroethane	9.42		"	10.0		94.2	75.6-137				
1,1,2,2-Tetrachloroethane	8.33		"	10.0		83.3	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.93		"	10.0		89.3	71.1-129				
1,1,2-Trichloroethane	9.67		"	10.0		96.7	74.5-129				
1,1-Dichloroethane	9.84		"	10.0		98.4	79.6-132				
1,1-Dichloroethylene	9.44		"	10.0		94.4	80.2-146				
1,1-Dichloropropylene	9.83		"	10.0		98.3	75-136				
1,2,3-Trichlorobenzene	9.46		"	10.0		94.6	66.1-136				
1,2,3-Trichloropropane	7.90		"	10.0		79.0	63-131				
1,2,4-Trichlorobenzene	9.84		"	10.0		98.4	70.6-136				
1,2,4-Trimethylbenzene	8.98		"	10.0		89.8	75.3-135				
1,2-Dibromo-3-chloropropane	7.86		"	10.0		78.6	58.9-140				
1,2-Dibromoethane	9.54		"	10.0		95.4	79-130				
1,2-Dichlorobenzene	8.64		"	10.0		86.4	76.1-122				
1,2-Dichloroethane	9.46		"	10.0		94.6	74.6-132				
1,2-Dichloropropane	9.42		"	10.0		94.2	76.9-129				
1,3,5-Trimethylbenzene	8.65		"	10.0		86.5	70.6-127				
1,3-Dichlorobenzene	8.54		"	10.0		85.4	77-124				
1,3-Dichloropropane	9.63		"	10.0		96.3	75.8-126				
1,4-Dichlorobenzene	8.88		"	10.0		88.8	76.6-125				
2,2-Dichloropropane	8.68		"	10.0		86.8	69-133				
2-Chlorotoluene	8.08		"	10.0		80.8	66.3-119				
2-Hexanone	10.6		"	10.0		106	70-130				
4-Chlorotoluene	8.49		"	10.0		84.9	69.2-127				
Acetone	15.2		"	10.0		152	70-130	High Bias			
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	8.44		"	10.0		84.4	71.3-123				
Bromochloromethane	10.3		"	10.0		103	70.8-137				
Bromodichloromethane	9.48		"	10.0		94.8	79.7-134				
Bromoform	8.89		"	10.0		88.9	70.5-141				
Bromomethane	10.2		"	10.0		102	43.9-147				
Carbon tetrachloride	9.92		"	10.0		99.2	78.1-138				
Chlorobenzene	9.44		"	10.0		94.4	80.4-125				
Chloroethane	8.56		"	10.0		85.6	55.8-140				
Chloroform	9.49		"	10.0		94.9	76.6-133				
Chloromethane	8.29		"	10.0		82.9	48.8-115				
cis-1,2-Dichloroethylene	9.68		"	10.0		96.8	75.1-128				
cis-1,3-Dichloropropylene	9.42		"	10.0		94.2	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20654 - EPA 5030B											
LCS (BE20654-BS1)							Prepared & Analyzed: 05/16/2012				
Dibromochloromethane	9.77		ug/L	10.0		97.7	79.8-134				
Dibromomethane	9.96		"	10.0		99.6	79-130				
Dichlorodifluoromethane	5.19		"	10.0		51.9	47.1-101				
Ethyl Benzene	9.88		"	10.0		98.8	80.8-128				
Hexachlorobutadiene	8.53		"	10.0		85.3	64.8-128				
Isopropylbenzene	9.07		"	10.0		90.7	75.5-135				
Methyl tert-butyl ether (MTBE)	12.6		"	10.0		126	65.1-140				
Methylene chloride	10.7		"	10.0		107	61.3-120				
Naphthalene	10.3		"	10.0		103	62.3-148				
n-Butylbenzene	8.67		"	10.0		86.7	67.2-123				
n-Propylbenzene	8.53		"	10.0		85.3	70.5-127				
o-Xylene	9.34		"	10.0		93.4	75.9-122				
p- & m- Xylenes	19.0		"	20.0		94.8	77.7-127				
p-Isopropyltoluene	8.99		"	10.0		89.9	75.6-129				
sec-Butylbenzene	8.51		"	10.0		85.1	71.5-125				
Styrene	10.0		"	10.0		100	77.8-123				
tert-Butylbenzene	8.58		"	10.0		85.8	75.9-151				
Tetrachloroethylene	9.84		"	10.0		98.4	63.6-167				
Toluene	9.31		"	10.0		93.1	77-123				
trans-1,2-Dichloroethylene	9.63		"	10.0		96.3	76.3-139				
trans-1,3-Dichloropropylene	10.4		"	10.0		104	72.5-137				
Trichloroethylene	9.39		"	10.0		93.9	77.9-130				
Trichlorofluoromethane	8.37		"	10.0		83.7	57.4-133				
Vinyl Chloride	8.80		"	10.0		88.0	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.26*		*"*	*10.0*		*92.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.26*		*"*	*10.0*		*92.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20654 - EPA 5030B											
LCS Dup (BE20654-BSD1)							Prepared & Analyzed: 05/16/2012				
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		6.41	21.1	
1,1,1-Trichloroethane	9.37		"	10.0		93.7	75.6-137		0.532	19.7	
1,1,2,2-Tetrachloroethane	9.05		"	10.0		90.5	71.3-131		8.29	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.45		"	10.0		84.5	71.1-129		5.52	21.7	
1,1,2-Trichloroethane	10.4		"	10.0		104	74.5-129		6.79	20.3	
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132		2.01	20.6	
1,1-Dichloroethylene	9.02		"	10.0		90.2	80.2-146		4.55	20	
1,1-Dichloropropylene	8.85		"	10.0		88.5	75-136		10.5	19.3	
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136		7.82	21.6	
1,2,3-Trichloropropane	8.75		"	10.0		87.5	63-131		10.2	23.9	
1,2,4-Trichlorobenzene	9.99		"	10.0		99.9	70.6-136		1.51	21.7	
1,2,4-Trimethylbenzene	9.49		"	10.0		94.9	75.3-135		5.52	18.8	
1,2-Dibromo-3-chloropropane	10.0		"	10.0		100	58.9-140		24.4	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		11.6	23	
1,2-Dichlorobenzene	9.10		"	10.0		91.0	76.1-122		5.19	19.8	
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132		6.05	20.2	
1,2-Dichloropropane	9.81		"	10.0		98.1	76.9-129		4.06	20.7	
1,3,5-Trimethylbenzene	8.94		"	10.0		89.4	70.6-127		3.30	18.9	
1,3-Dichlorobenzene	9.08		"	10.0		90.8	77-124		6.13	19.2	
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126		5.45	22.1	
1,4-Dichlorobenzene	9.22		"	10.0		92.2	76.6-125		3.76	18.6	
2,2-Dichloropropane	8.78		"	10.0		87.8	69-133		1.15	19.8	
2-Chlorotoluene	8.46		"	10.0		84.6	66.3-119		4.59	21.6	
2-Hexanone	10.6		"	10.0		106	70-130		0.282	30	
4-Chlorotoluene	8.81		"	10.0		88.1	69.2-127		3.70	19	
Acetone	12.6		"	10.0		126	70-130		18.8	30	
Benzene	10.4		"	10.0		104	76.2-129		3.71	19	
Bromobenzene	8.80		"	10.0		88.0	71.3-123		4.18	20.3	
Bromochloromethane	10.8		"	10.0		108	70.8-137		4.64	23.9	
Bromodichloromethane	9.92		"	10.0		99.2	79.7-134		4.54	21	
Bromoform	9.15		"	10.0		91.5	70.5-141		2.88	21.8	
Bromomethane	10.1		"	10.0		101	43.9-147		0.591	28.4	
Carbon tetrachloride	9.39		"	10.0		93.9	78.1-138		5.49	20.1	
Chlorobenzene	9.83		"	10.0		98.3	80.4-125		4.05	19.9	
Chloroethane	8.34		"	10.0		83.4	55.8-140		2.60	23.3	
Chloroform	9.79		"	10.0		97.9	76.6-133		3.11	20.3	
Chloromethane	8.23		"	10.0		82.3	48.8-115		0.726	24.5	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	75.1-128		5.52	20.5	
cis-1,3-Dichloropropylene	9.80		"	10.0		98.0	74.5-128		3.95	19.9	
Dibromochloromethane	10.3		"	10.0		103	79.8-134		4.99	21.3	
Dibromomethane	10.2		"	10.0		102	79-130		1.99	22.4	
Dichlorodifluoromethane	4.84		"	10.0		48.4	47.1-101		6.98	23.9	
Ethyl Benzene	10.0		"	10.0		100	80.8-128		1.71	19.2	
Hexachlorobutadiene	8.04		"	10.0		80.4	64.8-128		5.91	20.6	
Isopropylbenzene	9.26		"	10.0		92.6	75.5-135		2.07	20	
Methyl tert-butyl ether (MTBE)	13.1		"	10.0		131	65.1-140		3.42	23.6	
Methylene chloride	11.0		"	10.0		110	61.3-120		2.67	20.4	
Naphthalene	11.5		"	10.0		115	62.3-148		10.9	27.1	
n-Butylbenzene	8.95		"	10.0		89.5	67.2-123		3.18	19.1	
n-Propylbenzene	8.93		"	10.0		89.3	70.5-127		4.58	23.4	
o-Xylene	9.69		"	10.0		96.9	75.9-122		3.68	19.3	
p- & m- Xylenes	19.2		"	20.0		95.8	77.7-127		1.05	18.6	
p-Isopropyltoluene	9.08		"	10.0		90.8	75.6-129		0.996	19.1	
sec-Butylbenzene	8.65		"	10.0		86.5	71.5-125		1.63	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20654 - EPA 5030B											
LCS Dup (BE20654-BSD1)							Prepared & Analyzed: 05/16/2012				
Styrene	10.2		ug/L	10.0		102	77.8-123		1.87	20.9	
tert-Butylbenzene	8.81		"	10.0		88.1	75.9-151		2.65	20.9	
Tetrachloroethylene	9.38		"	10.0		93.8	63.6-167		4.79	27.7	
Toluene	9.40		"	10.0		94.0	77-123		0.962	18.7	
trans-1,2-Dichloroethylene	9.80		"	10.0		98.0	76.3-139		1.75	19.5	
trans-1,3-Dichloropropylene	10.8		"	10.0		108	72.5-137		3.67	19.3	
Trichloroethylene	9.35		"	10.0		93.5	77.9-130		0.427	20.5	
Trichlorofluoromethane	7.81		"	10.0		78.1	57.4-133		6.92	21.4	
Vinyl Chloride	8.51		"	10.0		85.1	54.9-124		3.35	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.76*		*"*	*10.0*		*97.6*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.44*		*"*	*10.0*		*94.4*	*63.5-145*				
Surrogate: Toluene-d8	*9.63*		*"*	*10.0*		*96.3*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20588 - EPA 3010A											
Blank (BE20588-BLK1)								Prepared & Analyzed: 05/15/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BE20588-DUP1)	*Source sample: 12E0485-01 (WQ051112:710NP2-10)							Prepared & Analyzed: 05/15/2012			
Iron - Dissolved	ND	0.0100	mg/L		0.0327					20	
Matrix Spike (BE20588-MS1)	*Source sample: 12E0485-01 (WQ051112:710NP2-10)							Prepared & Analyzed: 05/15/2012			
Iron - Dissolved	1.04	0.0100	mg/L	1.00	0.0327	100	75-125				
Reference (BE20588-SRM1)								Prepared & Analyzed: 05/15/2012			
Iron - Dissolved	0.576	0.0100	mg/L	0.589		97.8	87.9-113				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20588 - EPA 3010A											
Blank (BE20588-BLK1)								Prepared & Analyzed: 05/15/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BE20588-DUP1)	*Source sample: 12E0485-01 (WQ051112:710NP2-10)							Prepared & Analyzed: 05/15/2012			
Iron	4.76	0.0100	mg/L		4.75				0.0715	20	
Matrix Spike (BE20588-MS1)	*Source sample: 12E0485-01 (WQ051112:710NP2-10)							Prepared & Analyzed: 05/15/2012			
Iron	5.84	0.0100	mg/L	1.00	4.75	108	75-125				
Reference (BE20588-SRM1)								Prepared & Analyzed: 05/15/2012			
Iron	0.576	0.0100	mg/L	0.589		97.8	87.9-113				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20574 - % Solids Prep											
Blank (BE20574-BLK1)								Prepared & Analyzed: 05/16/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BE20574-DUP2)	*Source sample: 12E0485-01 (WQ051112:710NP2-10)							Prepared & Analyzed: 05/16/2012			
Total Dissolved Solids	126	1.00	mg/L		121				4.05	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

J — Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.

B — Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND — Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL — REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL — METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR — Not reported

RPD — Relative Percent Difference

Wet — The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0484

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr. Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓	Purchase Order No.	RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	NABSAG.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:		RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT__ NY X NJ__	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS
EQuIS (std)
EZ-EDD (EQuIS)
NJDEP SRP HazSite EDD
GIS/KEY (std)
Other
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ051112:700 NP2-6	5-11-12 / 700	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3 HCl vials; 1 unpres plastic 1 nitric pres plastic
WQ051112:705 NP2-7	↓ / 705	GW	↓	↓
WQ051112:710 NP2-10	↓ / 710	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260A) plus freon 113 / TDS (SM 2540C)	+ 1 unpres plastic

Comments

Preservation — Check those Applicable: 4°C__ Frozen__ HCl__ MeOH__ HNO3__ H2SO4__ NaOH__ ZnAc__ Ascorbic Acid__ Other__

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	5/14/12 900	[signature]	5-14-12 9:00
Samples Relinquished By	Date/Time	Samples Received in LAB by [signature]	5/14/12-1600

Temperature on Receipt 4.1 °C

(system)

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0485

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-10 only, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around-time clock will not begin until any questions by York are resolved.

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH ORO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Ionizable Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)

Name (printed)

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ051112:700 NP2-6	5-11-12 / 700	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, P260 List (EPA SW845-8260B) plus freon 113	2 HCl VOAs; 1 unpres plastic 1 nitric pres plastic
WQ051112:705 NP2-7	↓ / 705	GW	↓	↓
WQ051112:710 NP2-10	↓ / 710	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs P260 List (EPA SW845-8260B) plus freon 113 / TDS (SM 2540c)	+ 1 unpres plastic

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By: Stacy 5/14/12 900 — Date/Time
Samples Received By: Chris 5-14-12 9am — Date/Time
Samples Relinquished By: ___ Date/Time
Samples Received in LAB by: J. [illegible] 5/14/12-1600 — Date/Time

Temperature on Receipt: 4.1 °C

(system)

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 05/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0660

Report Date: 05/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0660

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 18, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0660-01	WQ051712:1210NP2-10	Water	05/17/2012	05/18/2012
12E0661-01	WQ051712:1200NP2-6	Water	05/17/2012	05/18/2012
12E0661-02	WQ051712:1205NP2-7	Water	05/17/2012	05/18/2012

General Notes for York Project (SDG) No.: 12E0660

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:  **Date:** 05/25/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ051712:1210NP2-10 **York Sample ID:** 12E0660-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0660	Rowe Industries	Water	May 17, 2012 12:10 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
67-64-1	**Acetone**	**7.0**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS

Sample Information

Client Sample ID: WQ051712:1210NP2-10 **York Sample ID:** 12E0660-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0660	Rowe Industries	Water	May 17, 2012 12:10 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-09-2	**Methylene chloride**	**2.6**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 06:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.4 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.3 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051712:1210NP2-10 **York Sample ID:** 12E0660-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0660	Rowe Industries	Water	May 17, 2012 12:10 pm	05/18/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.78**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/21/2012 15:03	05/21/2012 22:27	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**6.71**		mg/L	0.00550	0.0100	1	EPA 200.7	05/21/2012 15:03	05/21/2012 22:45	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**203**		mg/L	1.00	1.00	1	SM 2540C	05/22/2012 14:34	05/22/2012 14:34	AMC

Sample Information

Client Sample ID: WQ051712:1200NP2-6 **York Sample ID:** 12E0661-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0661	Rowe Industries	Water	May 17, 2012 12:00 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
71-55-6	**1,1,1-Trichloroethane**	**0.40**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-34-3	**1,1-Dichloroethane**	**0.20**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS

Sample Information

Client Sample ID: WQ051712:1200NP2-6 **York Sample ID:** 12E0661-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0661	Rowe Industries	Water	May 17, 2012 12:00 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
67-64-1	**Acetone**	**5.6**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
67-66-3	**Chloroform**	**0.21**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-09-2	**Methylene chloride**	**2.7**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS

Sample Information

Client Sample ID: WQ051712:1200NP2-6 **York Sample ID:** 12E0661-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0661	Rowe Industries	Water	May 17, 2012 12:00 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
127-18-4	**Tetrachloroethylene**	**0.66**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
79-01-6	**Trichloroethylene**	**0.18**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 20:20	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*97.5 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.81**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/21/2012 15:03	05/21/2012 23:16	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**8.12**		mg/L	0.00550	0.0100	1	EPA 200.7	05/21/2012 15:03	05/21/2012 23:20	MW

Sample Information

Client Sample ID: WQ051712:1205NP2-7 **York Sample ID:** 12E0661-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0661	Rowe Industries	Water	May 17, 2012 12:05 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS

Sample Information

Client Sample ID: WQ051712:1205NP2-7 **York Sample ID:** 12E0661-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0661	Rowe Industries	Water	May 17, 2012 12:05 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
67-64-1	**Acetone**	**4.6**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS

Sample Information

Client Sample ID: WQ051712:1205NP2-7 **York Sample ID:** 12E0661-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0661	Rowe Industries	Water	May 17, 2012 12:05 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-09-2	**Methylene chloride**	**2.4**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 12:22	05/21/2012 21:11	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*97.0 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051712:1205NP2-7 **York Sample ID:** 12E0661-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0661	Rowe Industries	Water	May 17, 2012 12:05 pm	05/18/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.66**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/21/2012 15:03	05/21/2012 23:25	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**5.33**		mg/L	0.00550	0.0100	1	EPA 200.7	05/21/2012 15:03	05/21/2012 23:30	MW

Analytical Batch Summary

Batch ID: BE20809 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12E0660-01	WQ051712:1210NP2-10	05/22/12
BE20809-BLK1	Blank	05/22/12
BE20809-DUP1	Duplicate	05/22/12

Batch ID: BE20810 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0661-01	WQ051712:1200NP2-6	05/21/12
12E0661-02	WQ051712:1205NP2-7	05/21/12
BE20810-BLK1	Blank	05/21/12
BE20810-BS1	LCS	05/21/12
BE20810-BSD1	LCS Dup	05/21/12

Batch ID: BE20829 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12E0660-01	WQ051712:1210NP2-10	05/21/12
12E0660-01	WQ051712:1210NP2-10	05/21/12
12E0661-01	WQ051712:1200NP2-6	05/21/12
12E0661-01	WQ051712:1200NP2-6	05/21/12
12E0661-02	WQ051712:1205NP2-7	05/21/12
12E0661-02	WQ051712:1205NP2-7	05/21/12
BE20829-BLK1	Blank	05/21/12
BE20829-BLK1	Blank	05/21/12
BE20829-DUP1	Duplicate	05/21/12
BE20829-DUP1	Duplicate	05/21/12
BE20829-MS1	Matrix Spike	05/21/12
BE20829-MS1	Matrix Spike	05/21/12
BE20829-SRM1	Reference	05/21/12
BE20829-SRM1	Reference	05/21/12

Batch ID: BE20839 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0660-01	WQ051712:1210NP2-10	05/21/12
BE20839-BLK1	Blank	05/21/12
BE20839-BS1	LCS	05/21/12
BE20839-BSD1	LCS Dup	05/21/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20810 - EPA 5030B											
Blank (BE20810-BLK1)											Prepared & Analyzed: 05/21/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	13	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	4.9	2.0	"								
Naphthalene	0.56	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20810 - EPA 5030B											
Blank (BE20810-BLK1)									Prepared & Analyzed: 05/21/2012		
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*9.68*		*"*	*10.0*		*96.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.80*		*"*	*10.0*		*98.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS (BE20810-BS1)									Prepared & Analyzed: 05/21/2012		
1,1,1,2-Tetrachloroethane	9.91		ug/L	10.0		99.1	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	8.29		"	10.0		82.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.95		"	10.0		99.5	71.1-129				
1,1,2-Trichloroethane	8.99		"	10.0		89.9	74.5-129				
1,1-Dichloroethane	10.1		"	10.0		101	79.6-132				
1,1-Dichloroethylene	10.2		"	10.0		102	80.2-146				
1,1-Dichloropropylene	9.88		"	10.0		98.8	75-136				
1,2,3-Trichlorobenzene	8.35		"	10.0		83.5	66.1-136				
1,2,3-Trichloropropane	8.81		"	10.0		88.1	63-131				
1,2,4-Trichlorobenzene	9.07		"	10.0		90.7	70.6-136				
1,2,4-Trimethylbenzene	9.70		"	10.0		97.0	75.3-135				
1,2-Dibromo-3-chloropropane	8.24		"	10.0		82.4	58.9-140				
1,2-Dibromoethane	9.53		"	10.0		95.3	79-130				
1,2-Dichlorobenzene	8.95		"	10.0		89.5	76.1-122				
1,2-Dichloroethane	9.55		"	10.0		95.5	74.6-132				
1,2-Dichloropropane	9.32		"	10.0		93.2	76.9-129				
1,3,5-Trimethylbenzene	9.73		"	10.0		97.3	70.6-127				
1,3-Dichlorobenzene	9.33		"	10.0		93.3	77-124				
1,3-Dichloropropane	9.20		"	10.0		92.0	75.8-126				
1,4-Dichlorobenzene	9.14		"	10.0		91.4	76.6-125				
2,2-Dichloropropane	11.2		"	10.0		112	69-133				
2-Chlorotoluene	9.40		"	10.0		94.0	66.3-119				
2-Hexanone	7.72		"	10.0		77.2	70-130				
4-Chlorotoluene	9.32		"	10.0		93.2	69.2-127				
Acetone	7.69		"	10.0		76.9	70-130				
Benzene	9.82		"	10.0		98.2	76.2-129				
Bromobenzene	8.96		"	10.0		89.6	71.3-123				
Bromochloromethane	9.21		"	10.0		92.1	70.8-137				
Bromodichloromethane	10.2		"	10.0		102	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	9.91		"	10.0		99.1	43.9-147				
Carbon tetrachloride	10.5		"	10.0		105	78.1-138				
Chlorobenzene	9.80		"	10.0		98.0	80.4-125				
Chloroethane	9.63		"	10.0		96.3	55.8-140				
Chloroform	9.72		"	10.0		97.2	76.6-133				
Chloromethane	8.64		"	10.0		86.4	48.8-115				
cis-1,2-Dichloroethylene	9.60		"	10.0		96.0	75.1-128				
cis-1,3-Dichloropropylene	9.67		"	10.0		96.7	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20810 - EPA 5030B											
LCS (BE20810-BS1)							Prepared & Analyzed: 05/21/2012				
Dibromochloromethane	9.92		ug/L	10.0		99.2	79.8-134				
Dibromomethane	9.61		"	10.0		96.1	79-130				
Dichlorodifluoromethane	7.70		"	10.0		77.0	47.1-101				
Ethyl Benzene	10.5		"	10.0		105	80.8-128				
Hexachlorobutadiene	9.29		"	10.0		92.9	64.8-128				
Isopropylbenzene	10.6		"	10.0		106	75.5-135				
Methyl tert-butyl ether (MTBE)	9.36		"	10.0		93.6	65.1-140				
Methylene chloride	8.65		"	10.0		86.5	61.3-120				
Naphthalene	6.44		"	10.0		64.4	62.3-148				
n-Butylbenzene	9.39		"	10.0		93.9	67.2-123				
n-Propylbenzene	9.98		"	10.0		99.8	70.5-127				
o-Xylene	9.35		"	10.0		93.5	75.9-122				
p- & m- Xylenes	20.0		"	20.0		100	77.7-127				
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129				
sec-Butylbenzene	9.82		"	10.0		98.2	71.5-125				
Styrene	9.27		"	10.0		92.7	77.8-123				
tert-Butylbenzene	10.5		"	10.0		105	75.9-151				
Tetrachloroethylene	10.3		"	10.0		103	63.6-167				
Toluene	9.96		"	10.0		99.6	77-123				
trans-1,2-Dichloroethylene	9.94		"	10.0		99.4	76.3-139				
trans-1,3-Dichloropropylene	9.75		"	10.0		97.5	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	9.82		"	10.0		98.2	57.4-133				
Vinyl Chloride	9.05		"	10.0		90.5	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.27*		*"*	*10.0*		*92.7*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.87*		*"*	*10.0*		*98.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20810 - EPA 5030B											
LCS Dup (BE20810-BSD1)							Prepared & Analyzed: 05/21/2012				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82.3-130		1.00	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		0.689	19.7	
1,1,2,2-Tetrachloroethane	8.45		"	10.0		84.5	71.3-131		1.91	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	71.1-129		0.401	21.7	
1,1,2-Trichloroethane	9.29		"	10.0		92.9	74.5-129		3.28	20.3	
1,1-Dichloroethane	10.0		"	10.0		100	79.6-132		0.398	20.6	
1,1-Dichloroethylene	9.99		"	10.0		99.9	80.2-146		2.28	20	
1,1-Dichloropropylene	10.1		"	10.0		101	75-136		2.50	19.3	
1,2,3-Trichlorobenzene	8.36		"	10.0		83.6	66.1-136		0.120	21.6	
1,2,3-Trichloropropane	9.21		"	10.0		92.1	63-131		4.44	23.9	
1,2,4-Trichlorobenzene	9.44		"	10.0		94.4	70.6-136		4.00	21.7	
1,2,4-Trimethylbenzene	9.65		"	10.0		96.5	75.3-135		0.517	18.8	
1,2-Dibromo-3-chloropropane	7.95		"	10.0		79.5	58.9-140		3.58	27.7	
1,2-Dibromoethane	9.73		"	10.0		97.3	79-130		2.08	23	
1,2-Dichlorobenzene	8.92		"	10.0		89.2	76.1-122		0.336	19.8	
1,2-Dichloroethane	9.79		"	10.0		97.9	74.6-132		2.48	20.2	
1,2-Dichloropropane	9.37		"	10.0		93.7	76.9-129		0.535	20.7	
1,3,5-Trimethylbenzene	9.43		"	10.0		94.3	70.6-127		3.13	18.9	
1,3-Dichlorobenzene	9.39		"	10.0		93.9	77-124		0.641	19.2	
1,3-Dichloropropane	9.28		"	10.0		92.8	75.8-126		0.866	22.1	
1,4-Dichlorobenzene	8.99		"	10.0		89.9	76.6-125		1.65	18.6	
2,2-Dichloropropane	11.2		"	10.0		112	69-133		0.269	19.8	
2-Chlorotoluene	8.86		"	10.0		88.6	66.3-119		5.91	21.6	
2-Hexanone	8.51		"	10.0		85.1	70-130		9.74	30	
4-Chlorotoluene	8.99		"	10.0		89.9	69.2-127		3.60	19	
Acetone	8.76		"	10.0		87.6	70-130		13.0	30	
Benzene	9.91		"	10.0		99.1	76.2-129		0.912	19	
Bromobenzene	8.78		"	10.0		87.8	71.3-123		2.03	20.3	
Bromochloromethane	9.24		"	10.0		92.4	70.8-137		0.325	23.9	
Bromodichloromethane	10.2		"	10.0		102	79.7-134		0.196	21	
Bromoform	10.3		"	10.0		103	70.5-141		2.26	21.8	
Bromomethane	10.2		"	10.0		102	43.9-147		2.98	28.4	
Carbon tetrachloride	10.8		"	10.0		108	78.1-138		3.28	20.1	
Chlorobenzene	9.76		"	10.0		97.6	80.4-125		0.409	19.9	
Chloroethane	9.59		"	10.0		95.9	55.8-140		0.416	23.3	
Chloroform	9.69		"	10.0		96.9	76.6-133		0.309	20.3	
Chloromethane	8.54		"	10.0		85.4	48.8-115		1.16	24.5	
cis-1,2-Dichloroethylene	9.95		"	10.0		99.5	75.1-128		3.58	20.5	
cis-1,3-Dichloropropylene	9.52		"	10.0		95.2	74.5-128		1.56	19.9	
Dibromochloromethane	10.4		"	10.0		104	79.8-134		4.34	21.3	
Dibromomethane	9.69		"	10.0		96.9	79-130		0.829	22.4	
Dichlorodifluoromethane	7.76		"	10.0		77.6	47.1-101		0.776	23.9	
Ethyl Benzene	10.3		"	10.0		103	80.8-128		1.73	19.2	
Hexachlorobutadiene	9.31		"	10.0		93.1	64.8-128		0.215	20.6	
Isopropylbenzene	10.1		"	10.0		101	75.5-135		5.23	20	
Methyl tert-butyl ether (MTBE)	9.85		"	10.0		98.5	65.1-140		5.10	23.6	
Methylene chloride	8.44		"	10.0		84.4	61.3-120		2.46	20.4	
Naphthalene	6.52		"	10.0		65.2	62.3-148		1.23	27.1	
n-Butylbenzene	9.29		"	10.0		92.9	67.2-123		1.07	19.1	
n-Propylbenzene	9.62		"	10.0		96.2	70.5-127		3.67	23.4	
o-Xylene	9.17		"	10.0		91.7	75.9-122		1.94	19.3	
p- & m- Xylenes	19.3		"	20.0		96.6	77.7-127		3.71	18.6	
p-Isopropyltoluene	10.0		"	10.0		100	75.6-129		2.46	19.1	
sec-Butylbenzene	9.40		"	10.0		94.0	71.5-125		4.37	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20810 - EPA 5030B											
LCS Dup (BE20810-BSD1)							Prepared & Analyzed: 05/21/2012				
Styrene	9.25		ug/L	10.0		92.5	77.8-123		0.216	20.9	
tert-Butylbenzene	10.2		"	10.0		102	75.9-151		3.67	20.9	
Tetrachloroethylene	9.89		"	10.0		98.9	63.6-167		3.77	27.7	
Toluene	9.65		"	10.0		96.5	77-123		3.16	18.7	
trans-1,2-Dichloroethylene	9.91		"	10.0		99.1	76.3-139		0.302	19.5	
trans-1,3-Dichloropropylene	10.0		"	10.0		100	72.5-137		2.93	19.3	
Trichloroethylene	9.60		"	10.0		96.0	77.9-130		4.98	20.5	
Trichlorofluoromethane	9.69		"	10.0		96.9	57.4-133		1.33	21.4	
Vinyl Chloride	9.01		"	10.0		90.1	54.9-124		0.443	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.78*		*"*	*10.0*		*97.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.95*		*"*	*10.0*		*99.5*	*63.5-145*				
Surrogate: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81.2-127*				
Batch BE20839 - EPA 5030B											
Blank (BE20839-BLK1)							Prepared: 05/21/2012 Analyzed: 05/22/2012				
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	19	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
Blank (BE20839-BLK1)											Prepared: 05/21/2012 Analyzed: 05/22/2012
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	6.3	2.0	"								
Naphthalene	0.63	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.32*		*"*	*10.0*		*93.2*	*63.5-145*				
Surrogate: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
LCS (BE20839-BS1)								Prepared: 05/21/2012 Analyzed: 05/22/2012			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82.3-130				
1,1,1-Trichloroethane	9.98		"	10.0		99.8	75.6-137				
1,1,2,2-Tetrachloroethane	8.27		"	10.0		82.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	71.1-129				
1,1,2-Trichloroethane	9.74		"	10.0		97.4	74.5-129				
1,1-Dichloroethane	9.92		"	10.0		99.2	79.6-132				
1,1-Dichloroethylene	9.35		"	10.0		93.5	80.2-146				
1,1-Dichloropropylene	6.99		"	10.0		69.9	75-136	Low Bias			
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	9.49		"	10.0		94.9	63-131				
1,2,4-Trichlorobenzene	9.92		"	10.0		99.2	70.6-136				
1,2,4-Trimethylbenzene	9.12		"	10.0		91.2	75.3-135				
1,2-Dibromo-3-chloropropane	8.27		"	10.0		82.7	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	8.84		"	10.0		88.4	76.1-122				
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132				
1,2-Dichloropropane	9.59		"	10.0		95.9	76.9-129				
1,3,5-Trimethylbenzene	8.66		"	10.0		86.6	70.6-127				
1,3-Dichlorobenzene	8.75		"	10.0		87.5	77-124				
1,3-Dichloropropane	9.53		"	10.0		95.3	75.8-126				
1,4-Dichlorobenzene	8.81		"	10.0		88.1	76.6-125				
2,2-Dichloropropane	9.49		"	10.0		94.9	69-133				
2-Chlorotoluene	8.36		"	10.0		83.6	66.3-119				
2-Hexanone	10.4		"	10.0		104	70-130				
4-Chlorotoluene	8.50		"	10.0		85.0	69.2-127				
Acetone	19.2		"	10.0		192	70-130	High Bias			
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	8.35		"	10.0		83.5	71.3-123				
Bromochloromethane	9.93		"	10.0		99.3	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	9.32		"	10.0		93.2	43.9-147				
Carbon tetrachloride	7.60		"	10.0		76.0	78.1-138	Low Bias			
Chlorobenzene	9.69		"	10.0		96.9	80.4-125				
Chloroethane	8.82		"	10.0		88.2	55.8-140				
Chloroform	10.0		"	10.0		100	76.6-133				
Chloromethane	8.35		"	10.0		83.5	48.8-115				
cis-1,2-Dichloroethylene	9.93		"	10.0		99.3	75.1-128				
cis-1,3-Dichloropropylene	9.56		"	10.0		95.6	74.5-128				
Dibromochloromethane	10.7		"	10.0		107	79.8-134				
Dibromomethane	9.85		"	10.0		98.5	79-130				
Dichlorodifluoromethane	6.42		"	10.0		64.2	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	8.88		"	10.0		88.8	64.8-128				
Isopropylbenzene	9.16		"	10.0		91.6	75.5-135				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140				
Methylene chloride	9.83		"	10.0		98.3	61.3-120				
Naphthalene	10.2		"	10.0		102	62.3-148				
n-Butylbenzene	8.66		"	10.0		86.6	67.2-123				
n-Propylbenzene	8.67		"	10.0		86.7	70.5-127				
o-Xylene	9.24		"	10.0		92.4	75.9-122				
p- & m- Xylenes	19.4		"	20.0		97.2	77.7-127				
p-Isopropyltoluene	9.06		"	10.0		90.6	75.6-129				
sec-Butylbenzene	8.60		"	10.0		86.0	71.5-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
LCS (BE20839-BS1)									Prepared: 05/21/2012 Analyzed: 05/22/2012		
Styrene	9.69		ug/L	10.0		96.9	77.8-123				
tert-Butylbenzene	8.64		"	10.0		86.4	75.9-151				
Tetrachloroethylene	9.93		"	10.0		99.3	63.6-167				
Toluene	9.67		"	10.0		96.7	77-123				
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	76.3-139				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137				
Trichloroethylene	9.64		"	10.0		96.4	77.9-130				
Trichlorofluoromethane	8.86		"	10.0		88.6	57.4-133				
Vinyl Chloride	8.26		"	10.0		82.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.27*		*"*	*10.0*		*92.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81.2-127*				
LCS Dup (BE20839-BSD1)									Prepared: 05/21/2012 Analyzed: 05/22/2012		
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130		2.81	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		3.93	19.7	
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131		10.8	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	71.1-129		4.41	21.7	
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129		3.23	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		3.56	20.6	
1,1-Dichloroethylene	9.99		"	10.0		99.9	80.2-146		6.62	20	
1,1-Dichloropropylene	11.5		"	10.0		115	75-136		48.9	19.3	Non-dir.
1,2,3-Trichlorobenzene	11.5		"	10.0		115	66.1-136		12.4	21.6	
1,2,3-Trichloropropane	9.86		"	10.0		98.6	63-131		3.82	23.9	
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136		16.6	21.7	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135		11.9	18.8	
1,2-Dibromo-3-chloropropane	9.88		"	10.0		98.8	58.9-140		17.7	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		0.873	23	
1,2-Dichlorobenzene	9.59		"	10.0		95.9	76.1-122		8.14	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		1.58	20.2	
1,2-Dichloropropane	9.86		"	10.0		98.6	76.9-129		2.78	20.7	
1,3,5-Trimethylbenzene	9.75		"	10.0		97.5	70.6-127		11.8	18.9	
1,3-Dichlorobenzene	9.78		"	10.0		97.8	77-124		11.1	19.2	
1,3-Dichloropropane	9.73		"	10.0		97.3	75.8-126		2.08	22.1	
1,4-Dichlorobenzene	9.84		"	10.0		98.4	76.6-125		11.0	18.6	
2,2-Dichloropropane	9.78		"	10.0		97.8	69-133		3.01	19.8	
2-Chlorotoluene	9.11		"	10.0		91.1	66.3-119		8.59	21.6	
2-Hexanone	9.84		"	10.0		98.4	70-130		5.82	30	
4-Chlorotoluene	9.42		"	10.0		94.2	69.2-127		10.3	19	
Acetone	18.8		"	10.0		188	70-130	High Bias	2.06	30	
Benzene	10.4		"	10.0		104	76.2-129		4.40	19	
Bromobenzene	8.90		"	10.0		89.0	71.3-123		6.38	20.3	
Bromochloromethane	10.2		"	10.0		102	70.8-137		2.88	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		3.20	21	
Bromoform	10.2		"	10.0		102	70.5-141		1.78	21.8	
Bromomethane	9.96		"	10.0		99.6	43.9-147		6.64	28.4	
Carbon tetrachloride	11.6		"	10.0		116	78.1-138		41.5	20.1	Non-dir.
Chlorobenzene	10.2		"	10.0		102	80.4-125		5.23	19.9	
Chloroethane	9.55		"	10.0		95.5	55.8-140		7.95	23.3	
Chloroform	10.3		"	10.0		103	76.6-133		2.46	20.3	
Chloromethane	8.48		"	10.0		84.8	48.8-115		1.54	24.5	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		3.37	20.5	
cis-1,3-Dichloropropylene	9.62		"	10.0		96.2	74.5-128		0.626	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		1.11	21.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
LCS Dup (BE20839-BSD1)									Prepared: 05/21/2012 Analyzed: 05/22/2012		
Dibromomethane	10.3		ug/L	10.0		103	79-130		4.37	22.4	
Dichlorodifluoromethane	6.75		"	10.0		67.5	47.1-101		5.01	23.9	
Ethyl Benzene	10.8		"	10.0		108	80.8-128		5.69	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		13.0	20.6	
Isopropylbenzene	9.98		"	10.0		99.8	75.5-135		8.57	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140		3.63	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		4.09	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		8.47	27.1	
n-Butylbenzene	10.0		"	10.0		100	67.2-123		14.6	19.1	
n-Propylbenzene	9.76		"	10.0		97.6	70.5-127		11.8	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		7.90	19.3	
p- & m- Xylenes	20.8		"	20.0		104	77.7-127		6.57	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		12.5	19.1	
sec-Butylbenzene	9.63		"	10.0		96.3	71.5-125		11.3	18.9	
Styrene	10.2		"	10.0		102	77.8-123		5.23	20.9	
tert-Butylbenzene	9.55		"	10.0		95.5	75.9-151		10.0	20.9	
Tetrachloroethylene	10.4		"	10.0		104	63.6-167		4.91	27.7	
Toluene	10.0		"	10.0		100	77-123		3.75	18.7	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139		6.43	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.684	19.3	
Trichloroethylene	10.0		"	10.0		100	77.9-130		4.07	20.5	
Trichlorofluoromethane	9.47		"	10.0		94.7	57.4-133		6.66	21.4	
Vinyl Chloride	8.81		"	10.0		88.1	54.9-124		6.44	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.55*		*"*	*10.0*		*95.5*	*63.5-145*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20829 - EPA 3010A											
Blank (BE20829-BLK1)								Prepared & Analyzed: 05/21/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BE20829-DUP1)	*Source sample: 12E0660-01 (WQ051712:1210NP2-10)							Prepared & Analyzed: 05/21/2012			
Iron - Dissolved	1.82	0.0100	mg/L		1.78				1.87	20	
Matrix Spike (BE20829-MS1)	*Source sample: 12E0660-01 (WQ051712:1210NP2-10)							Prepared & Analyzed: 05/21/2012			
Iron - Dissolved	2.88	0.0100	mg/L	1.00	1.78	109	75-125				
Reference (BE20829-SRM1)								Prepared & Analyzed: 05/21/2012			
Iron - Dissolved	0.276	0.0100	mg/L	0.274		101	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20829 - EPA 3010A											
Blank (BE20829-BLK1)								Prepared & Analyzed: 05/21/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BE20829-DUP1)	*Source sample: 12E0660-01 (WQ051712:1210NP2-10)							Prepared & Analyzed: 05/21/2012			
Iron	6.79	0.0100	mg/L		6.71				1.15	20	
Matrix Spike (BE20829-MS1)	*Source sample: 12E0660-01 (WQ051712:1210NP2-10)							Prepared & Analyzed: 05/21/2012			
Iron	7.85	0.0100	mg/L	1.00	6.71	114	75-125				
Reference (BE20829-SRM1)								Prepared & Analyzed: 05/21/2012			
Iron	0.276	0.0100	mg/L	0.274		101	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20809 - % Solids Prep											
Blank (BE20809-BLK1)								Prepared & Analyzed: 05/22/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BE20809-DUP1)	*Source sample: 12E0660-01 (WQ051712:1210NP2-10)							Prepared & Analyzed: 05/22/2012			
Total Dissolved Solids	198	1.00	mg/L		203				2.49	15	

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ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0660

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type
Company: LBG	Company: Same	Company: Same	Rowe Industries.	RUSH - Same Day ☐	Summary Report X, pdf
Address: 4 Research Dr Suite 301 Shelton, CT 06484	Address: ↓	Address: ↓		RUSH - Next Day ☐	Summary w/ QA Summary X, pdf
Phone No. 203-929-8555	Phone No.	Phone No.	Purchase Order No.	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:	NABSAG.	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT __ NY X NJ __	RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package NP2-10 only, pdf.
					NJDEP Red. Deliv.

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature): [signature]

Name (printed): STEPHEN MIVAT

Matrix Codes
- S - soil
- Other - specify(oil, etc.)
- WW - wastewater
- GW - groundwater
- DW - drinking water
- Air-A - ambient air
- Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-[illegible]	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS
- EQuIS (std)
- EZ-EDD (EQuIS)
- NJDEP SRP HazSite EDD
- GIS/KEY (std)
- Other
- York Regulatory Comparison
- Excel Spreadsheet
- Compare to the following Regs. (please fill in):

Sample Identification	Date Sampled		Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ051712:1200NP2-6	5-17-12	1200	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW845-8260B) plus freon 113	2V 2P
WQ051712:1205NP2-7	↓	1205	GW	↓	2V 2P
WQ051712:1210NP2-10	↓	1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW845-8260A) plus freon 113 / TDS (SM 2540C)	2V 3P

Comments

Preservation (Check those Applicable): 4°C ___ Frozen ___ HCl ___ MeOH ___ HNO$_3$ ___ H$_2$SO$_4$ ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
- Field Filtered ☐
- Lab to Filter ☐

Samples Relinquished By	Date/Time	Samples Received By	Date/Time
[signature]	5/18/12 1400	[signature]	5-18-12 1356
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time

Temperature on Receipt: 5.0 °C

(system)

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0661

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSA6.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NY2-100 only, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around-time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEVEN INVAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Specific Pesticides	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Specific Volatiles	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv.Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ051712:1200MP2-6	5-17-12 1200	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2V 2P
WQ051712:1205MP2-7	↓ 1205	GW	↓	2V 2P
WQ051712:1210MP2-16	↓ 1210	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540C)	2V 3P

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time 5/18/12 1400
Samples Relinquished By — Date/Time
Samples Received By — Date/Time 5-18-12 1350
Samples Received in LAB by — Date/Time

Temperature on Receipt 5.0 °C

(system)

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 06/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0868

Report Date: 06/04/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0868

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 25, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0868-01	WQ52312:910NP2-6	Water	05/23/2012	05/25/2012
12E0868-02	WQ52312:915NP2-7	Water	05/23/2012	05/25/2012
12E0869-01	WQ52312:920NP2-10	Water	05/23/2012	05/25/2012

General Notes for York Project (SDG) No.: 12E0868

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 06/04/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ52312:910NP2-6 **York Sample ID:** 12E0868-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0868	Rowe Industries	Water	May 23, 2012 9:10 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
71-55-6	**1,1,1-Trichloroethane**	**0.85**		ug/L	0.043	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-34-3	**1,1-Dichloroethane**	**0.37**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
67-64-1	**Acetone**	**2.6**		ug/L	1.1	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS

Sample Information

Client Sample ID: WQ52312:910NP2-6 **York Sample ID:** 12E0868-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0868	Rowe Industries	Water	May 23, 2012 9:10 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
67-66-3	**Chloroform**	**0.17**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-09-2	**Methylene chloride**	**1.5**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
91-20-3	**Naphthalene**	**0.21**	J	ug/L	0.040	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
127-18-4	**Tetrachloroethylene**	**1.2**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
79-01-6	**Trichloroethylene**	**0.14**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 22:12	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Sample Information

Client Sample ID: WQ52312:910NP2-6 **York Sample ID:** 12E0868-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0868	Rowe Industries	Water	May 23, 2012 9:10 am	05/25/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0211**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/30/2012 09:27	05/30/2012 11:14	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**5.82**		mg/L	0.00550	0.0100	1	EPA 200.7	05/30/2012 09:27	05/30/2012 11:19	MW

Sample Information

Client Sample ID: WQ52312:915NP2-7 **York Sample ID:** 12E0868-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0868	Rowe Industries	Water	May 23, 2012 9:15 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS

Sample Information

Client Sample ID: WQ52312:915NP2-7 **York Sample ID:** 12E0868-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0868	Rowe Industries	Water	May 23, 2012 9:15 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
67-64-1	**Acetone**	**2.3**		ug/L	1.1	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-09-2	**Methylene chloride**	**1.6**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
91-20-3	**Naphthalene**	**0.14**	J	ug/L	0.040	2.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS

Sample Information

Client Sample ID: WQ52312:915NP2-7 **York Sample ID:** 12E0868-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0868	Rowe Industries	Water	May 23, 2012 9:15 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/25/2012 16:37	05/25/2012 23:00	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.1 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*103 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0683**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/30/2012 09:27	05/30/2012 11:23	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.99**		mg/L	0.00550	0.0100	1	EPA 200.7	05/30/2012 09:27	05/30/2012 11:28	MW

Sample Information

Client Sample ID: WQ52312:920NP2-10 **York Sample ID:** 12E0869-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0869	Rowe Industries	Water	May 23, 2012 9:20 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS

Sample Information

Client Sample ID: WQ52312:920NP2-10 **York Sample ID:** 12E0869-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0869	Rowe Industries	Water	May 23, 2012 9:20 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
67-64-1	**Acetone**	**4.6**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS

Sample Information

Client Sample ID: **WQ52312:920NP2-10** **York Sample ID:** **12E0869-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0869	Rowe Industries	Water	May 23, 2012 9:20 am	05/25/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-09-2	**Methylene chloride**	**2.7**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
91-20-3	**Naphthalene**	**0.38**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/29/2012 12:02	05/29/2012 16:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*107 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*91.5 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*100 %*	*81.2-127*

Sample Information

Client Sample ID: WQ52312:920NP2-10 **York Sample ID:** 12E0869-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0869	Rowe Industries	Water	May 23, 2012 9:20 am	05/25/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0663**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	05/30/2012 09:27	05/30/2012 11:33	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**3.63**		mg/L	0.00550	0.0100	1	EPA 200.7	05/30/2012 09:27	05/30/2012 12:03	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**118**		mg/L	1.00	1.00	1	SM 2540C	05/30/2012 16:24	05/30/2012 16:24	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BE21044 **Preparation Method:** EPA 5030B **Prepared By:** VRL

YORK Sample ID	Client Sample ID	Preparation Date
12E0868-01	WQ52312:910NP2-6	05/25/12
12E0868-02	WQ52312:915NP2-7	05/25/12
BE21044-BLK1	Blank	05/25/12
BE21044-BS1	LCS	05/25/12
BE21044-BSD1	LCS Dup	05/25/12

Batch ID: BE21066 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12E0869-01	WQ52312:920NP2-10	05/30/12
BE21066-BLK1	Blank	05/30/12
BE21066-DUP1	Duplicate	05/30/12

Batch ID: BE21084 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0869-01	WQ52312:920NP2-10	05/29/12
BE21084-BLK1	Blank	05/29/12
BE21084-BS1	LCS	05/29/12
BE21084-BSD1	LCS Dup	05/29/12

Batch ID: BE21129 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12E0868-01	WQ52312:910NP2-6	05/30/12
12E0868-01	WQ52312:910NP2-6	05/30/12
12E0868-02	WQ52312:915NP2-7	05/30/12
12E0868-02	WQ52312:915NP2-7	05/30/12
12E0869-01	WQ52312:920NP2-10	05/30/12
12E0869-01	WQ52312:920NP2-10	05/30/12
BE21129-BLK1	Blank	05/30/12
BE21129-BLK1	Blank	05/30/12
BE21129-DUP1	Duplicate	05/30/12
BE21129-DUP1	Duplicate	05/30/12
BE21129-MS1	Matrix Spike	05/30/12
BE21129-MS1	Matrix Spike	05/30/12
BE21129-SRM1	Reference	05/30/12
BE21129-SRM1	Reference	05/30/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21044 - EPA 5030B											
Blank (BE21044-BLK1)											Prepared & Analyzed: 05/25/2012
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	ND	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.6	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21044 - EPA 5030B											
Blank (BE21044-BLK1)								Prepared & Analyzed: 05/25/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.7*		*"*	*10.0*		*107*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.46*		*"*	*10.0*		*94.6*	*63.5-145*				
Surrogate: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81.2-127*				
LCS (BE21044-BS1)								Prepared & Analyzed: 05/25/2012			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82.3-130				
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137				
1,1,2,2-Tetrachloroethane	9.46		"	10.0		94.6	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.53		"	10.0		95.3	71.1-129				
1,1,2-Trichloroethane	10.5		"	10.0		105	74.5-129				
1,1-Dichloroethane	9.80		"	10.0		98.0	79.6-132				
1,1-Dichloroethylene	9.97		"	10.0		99.7	80.2-146				
1,1-Dichloropropylene	10.7		"	10.0		107	75-136				
1,2,3-Trichlorobenzene	12.0		"	10.0		120	66.1-136				
1,2,3-Trichloropropane	9.64		"	10.0		96.4	63-131				
1,2,4-Trichlorobenzene	12.0		"	10.0		120	70.6-136				
1,2,4-Trimethylbenzene	10.7		"	10.0		107	75.3-135				
1,2-Dibromo-3-chloropropane	11.4		"	10.0		114	58.9-140				
1,2-Dibromoethane	10.7		"	10.0		107	79-130				
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122				
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	70.6-127				
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124				
1,3-Dichloropropane	10.7		"	10.0		107	75.8-126				
1,4-Dichlorobenzene	10.3		"	10.0		103	76.6-125				
2,2-Dichloropropane	10.5		"	10.0		105	69-133				
2-Chlorotoluene	9.80		"	10.0		98.0	66.3-119				
2-Hexanone	10.6		"	10.0		106	70-130				
4-Chlorotoluene	10.1		"	10.0		101	69.2-127				
Acetone	4.63		"	10.0		46.3	70-130	Low Bias			
Benzene	9.83		"	10.0		98.3	76.2-129				
Bromobenzene	9.63		"	10.0		96.3	71.3-123				
Bromochloromethane	9.98		"	10.0		99.8	70.8-137				
Bromodichloromethane	11.8		"	10.0		118	79.7-134				
Bromoform	11.2		"	10.0		112	70.5-141				
Bromomethane	9.53		"	10.0		95.3	43.9-147				
Carbon tetrachloride	10.7		"	10.0		107	78.1-138				
Chlorobenzene	10.5		"	10.0		105	80.4-125				
Chloroethane	9.07		"	10.0		90.7	55.8-140				
Chloroform	10.0		"	10.0		100	76.6-133				
Chloromethane	8.52		"	10.0		85.2	48.8-115				
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	75.1-128				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21044 - EPA 5030B											
LCS (BE21044-BS1)							Prepared & Analyzed: 05/25/2012				
Dibromochloromethane	11.5		ug/L	10.0		115	79.8-134				
Dibromomethane	11.1		"	10.0		111	79-130				
Dichlorodifluoromethane	7.03		"	10.0		70.3	47.1-101				
Ethyl Benzene	11.6		"	10.0		116	80.8-128				
Hexachlorobutadiene	11.0		"	10.0		110	64.8-128				
Isopropylbenzene	10.7		"	10.0		107	75.5-135				
Methyl tert-butyl ether (MTBE)	9.27		"	10.0		92.7	65.1-140				
Methylene chloride	11.0		"	10.0		110	61.3-120				
Naphthalene	11.4		"	10.0		114	62.3-148				
n-Butylbenzene	10.7		"	10.0		107	67.2-123				
n-Propylbenzene	10.4		"	10.0		104	70.5-127				
o-Xylene	10.5		"	10.0		105	75.9-122				
p- & m- Xylenes	22.2		"	20.0		111	77.7-127				
p-Isopropyltoluene	10.7		"	10.0		107	75.6-129				
sec-Butylbenzene	10.3		"	10.0		103	71.5-125				
Styrene	10.9		"	10.0		109	77.8-123				
tert-Butylbenzene	10.4		"	10.0		104	75.9-151				
Tetrachloroethylene	12.9		"	10.0		129	63.6-167				
Toluene	10.8		"	10.0		108	77-123				
trans-1,2-Dichloroethylene	9.92		"	10.0		99.2	76.3-139				
trans-1,3-Dichloropropylene	11.6		"	10.0		116	72.5-137				
Trichloroethylene	10.8		"	10.0		108	77.9-130				
Trichlorofluoromethane	9.15		"	10.0		91.5	57.4-133				
Vinyl Chloride	8.58		"	10.0		85.8	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.75*		*"*	*10.0*		*97.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21044 - EPA 5030B											
LCS Dup (BE21044-BSD1)							Prepared & Analyzed: 05/25/2012				
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		0.640	21.1	
1,1,1-Trichloroethane	10.2		"	10.0		102	75.6-137		0.589	19.7	
1,1,2,2-Tetrachloroethane	9.70		"	10.0		97.0	71.3-131		2.51	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.36		"	10.0		93.6	71.1-129		1.80	21.7	
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129		1.79	20.3	
1,1-Dichloroethane	9.90		"	10.0		99.0	79.6-132		1.02	20.6	
1,1-Dichloroethylene	9.68		"	10.0		96.8	80.2-146		2.95	20	
1,1-Dichloropropylene	10.6		"	10.0		106	75-136		1.60	19.3	
1,2,3-Trichlorobenzene	12.2		"	10.0		122	66.1-136		1.66	21.6	
1,2,3-Trichloropropane	10.1		"	10.0		101	63-131		4.66	23.9	
1,2,4-Trichlorobenzene	12.0		"	10.0		120	70.6-136		0.583	21.7	
1,2,4-Trimethylbenzene	10.6		"	10.0		106	75.3-135		0.753	18.8	
1,2-Dibromo-3-chloropropane	10.2		"	10.0		102	58.9-140		11.1	27.7	
1,2-Dibromoethane	10.7		"	10.0		107	79-130		0.0932	23	
1,2-Dichlorobenzene	10.2		"	10.0		102	76.1-122		0.489	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		1.49	20.2	
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129		0.192	20.7	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	70.6-127		2.07	18.9	
1,3-Dichlorobenzene	10.1		"	10.0		101	77-124		0.494	19.2	
1,3-Dichloropropane	10.3		"	10.0		103	75.8-126		3.71	22.1	
1,4-Dichlorobenzene	10.1		"	10.0		101	76.6-125		1.97	18.6	
2,2-Dichloropropane	10.4		"	10.0		104	69-133		0.191	19.8	
2-Chlorotoluene	9.51		"	10.0		95.1	66.3-119		3.00	21.6	
2-Hexanone	10.6		"	10.0		106	70-130		0.0941	30	
4-Chlorotoluene	10.2		"	10.0		102	69.2-127		0.692	19	
Acetone	5.68		"	10.0		56.8	70-130	Low Bias	20.4	30	
Benzene	9.72		"	10.0		97.2	76.2-129		1.13	19	
Bromobenzene	9.68		"	10.0		96.8	71.3-123		0.518	20.3	
Bromochloromethane	9.58		"	10.0		95.8	70.8-137		4.09	23.9	
Bromodichloromethane	11.6		"	10.0		116	79.7-134		1.20	21	
Bromoform	11.1		"	10.0		111	70.5-141		1.08	21.8	
Bromomethane	9.19		"	10.0		91.9	43.9-147		3.63	28.4	
Carbon tetrachloride	10.6		"	10.0		106	78.1-138		0.658	20.1	
Chlorobenzene	10.6		"	10.0		106	80.4-125		0.568	19.9	
Chloroethane	8.94		"	10.0		89.4	55.8-140		1.44	23.3	
Chloroform	9.86		"	10.0		98.6	76.6-133		1.81	20.3	
Chloromethane	8.29		"	10.0		82.9	48.8-115		2.74	24.5	
cis-1,2-Dichloroethylene	9.66		"	10.0		96.6	75.1-128		1.13	20.5	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	74.5-128		0.560	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		0.784	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		0.814	22.4	
Dichlorodifluoromethane	6.97		"	10.0		69.7	47.1-101		0.857	23.9	
Ethyl Benzene	11.6		"	10.0		116	80.8-128		0.431	19.2	
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128		1.18	20.6	
Isopropylbenzene	10.6		"	10.0		106	75.5-135		0.748	20	
Methyl tert-butyl ether (MTBE)	9.11		"	10.0		91.1	65.1-140		1.74	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		5.82	20.4	
Naphthalene	11.8		"	10.0		118	62.3-148		3.63	27.1	
n-Butylbenzene	10.6		"	10.0		106	67.2-123		0.470	19.1	
n-Propylbenzene	10.5		"	10.0		105	70.5-127		0.862	23.4	
o-Xylene	10.5		"	10.0		105	75.9-122		0.286	19.3	
p- & m- Xylenes	22.2		"	20.0		111	77.7-127		0.135	18.6	
p-Isopropyltoluene	10.9		"	10.0		109	75.6-129		1.57	19.1	
sec-Butylbenzene	10.3		"	10.0		103	71.5-125		0.292	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21044 - EPA 5030B											
LCS Dup (BE21044-BSD1)							Prepared & Analyzed: 05/25/2012				
Styrene	10.8		ug/L	10.0		108	77.8-123		1.02	20.9	
tert-Butylbenzene	10.6		"	10.0		106	75.9-151		2.29	20.9	
Tetrachloroethylene	12.4		"	10.0		124	63.6-167		3.95	27.7	
Toluene	10.9		"	10.0		109	77-123		0.645	18.7	
trans-1,2-Dichloroethylene	9.75		"	10.0		97.5	76.3-139		1.73	19.5	
trans-1,3-Dichloropropylene	11.4		"	10.0		114	72.5-137		2.09	19.3	
Trichloroethylene	10.8		"	10.0		108	77.9-130		0.00	20.5	
Trichlorofluoromethane	9.07		"	10.0		90.7	57.4-133		0.878	21.4	
Vinyl Chloride	8.50		"	10.0		85.0	54.9-124		0.937	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.57*		*"*	*10.0*		*95.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				
Batch BE21084 - EPA 5030B											
Blank (BE21084-BLK1)							Prepared & Analyzed: 05/29/2012				
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	4.8	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21084 - EPA 5030B											
Blank (BE21084-BLK1)											
Prepared & Analyzed: 05/29/2012											
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	3.9	2.0	"								
Naphthalene	0.91	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*11.0*		*"*	*10.0*		*110*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.37*		*"*	*10.0*		*93.7*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21084 - EPA 5030B											
LCS (BE21084-BS1)							Prepared & Analyzed: 05/29/2012				
1,1,1,2-Tetrachloroethane	9.98		ug/L	10.0		99.8	82.3-130				
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137				
1,1,2,2-Tetrachloroethane	8.12		"	10.0		81.2	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.93		"	10.0		99.3	71.1-129				
1,1,2-Trichloroethane	9.19		"	10.0		91.9	74.5-129				
1,1-Dichloroethane	9.82		"	10.0		98.2	79.6-132				
1,1-Dichloroethylene	10.4		"	10.0		104	80.2-146				
1,1-Dichloropropylene	13.7		"	10.0		137	75-136	High Bias			
1,2,3-Trichlorobenzene	9.32		"	10.0		93.2	66.1-136				
1,2,3-Trichloropropane	8.46		"	10.0		84.6	63-131				
1,2,4-Trichlorobenzene	9.82		"	10.0		98.2	70.6-136				
1,2,4-Trimethylbenzene	9.44		"	10.0		94.4	75.3-135				
1,2-Dibromo-3-chloropropane	9.10		"	10.0		91.0	58.9-140				
1,2-Dibromoethane	9.81		"	10.0		98.1	79-130				
1,2-Dichlorobenzene	8.96		"	10.0		89.6	76.1-122				
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132				
1,2-Dichloropropane	9.26		"	10.0		92.6	76.9-129				
1,3,5-Trimethylbenzene	9.12		"	10.0		91.2	70.6-127				
1,3-Dichlorobenzene	8.97		"	10.0		89.7	77-124				
1,3-Dichloropropane	9.32		"	10.0		93.2	75.8-126				
1,4-Dichlorobenzene	9.12		"	10.0		91.2	76.6-125				
2,2-Dichloropropane	8.92		"	10.0		89.2	69-133				
2-Chlorotoluene	8.49		"	10.0		84.9	66.3-119				
2-Hexanone	9.31		"	10.0		93.1	70-130				
4-Chlorotoluene	8.87		"	10.0		88.7	69.2-127				
Acetone	13.7		"	10.0		137	70-130	High Bias			
Benzene	9.54		"	10.0		95.4	76.2-129				
Bromobenzene	8.50		"	10.0		85.0	71.3-123				
Bromochloromethane	9.62		"	10.0		96.2	70.8-137				
Bromodichloromethane	10.4		"	10.0		104	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	10.2		"	10.0		102	43.9-147				
Carbon tetrachloride	13.9		"	10.0		139	78.1-138	High Bias			
Chlorobenzene	9.55		"	10.0		95.5	80.4-125				
Chloroethane	9.70		"	10.0		97.0	55.8-140				
Chloroform	9.55		"	10.0		95.5	76.6-133				
Chloromethane	9.01		"	10.0		90.1	48.8-115				
cis-1,2-Dichloroethylene	9.14		"	10.0		91.4	75.1-128				
cis-1,3-Dichloropropylene	9.26		"	10.0		92.6	74.5-128				
Dibromochloromethane	10.6		"	10.0		106	79.8-134				
Dibromomethane	9.31		"	10.0		93.1	79-130				
Dichlorodifluoromethane	7.63		"	10.0		76.3	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	9.96		"	10.0		99.6	64.8-128				
Isopropylbenzene	9.58		"	10.0		95.8	75.5-135				
Methyl tert-butyl ether (MTBE)	8.83		"	10.0		88.3	65.1-140				
Methylene chloride	9.21		"	10.0		92.1	61.3-120				
Naphthalene	9.35		"	10.0		93.5	62.3-148				
n-Butylbenzene	9.06		"	10.0		90.6	67.2-123				
n-Propylbenzene	8.84		"	10.0		88.4	70.5-127				
o-Xylene	9.44		"	10.0		94.4	75.9-122				
p- & m- Xylenes	19.1		"	20.0		95.6	77.7-127				
p-Isopropyltoluene	9.44		"	10.0		94.4	75.6-129				
sec-Butylbenzene	8.97		"	10.0		89.7	71.5-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21084 - EPA 5030B											
LCS (BE21084-BS1)								Prepared & Analyzed: 05/29/2012			
Styrene	9.59		ug/L	10.0		95.9	77.8-123				
tert-Butylbenzene	10.8		"	10.0		108	75.9-151				
Tetrachloroethylene	10.0		"	10.0		100	63.6-167				
Toluene	9.41		"	10.0		94.1	77-123				
trans-1,2-Dichloroethylene	9.90		"	10.0		99.0	76.3-139				
trans-1,3-Dichloropropylene	9.48		"	10.0		94.8	72.5-137				
Trichloroethylene	9.60		"	10.0		96.0	77.9-130				
Trichlorofluoromethane	10.1		"	10.0		101	57.4-133				
Vinyl Chloride	9.09		"	10.0		90.9	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*11.2*		*"*	*10.0*		*112*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.55*		*"*	*10.0*		*95.5*	*63.5-145*				
Surrogate: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81.2-127*				
LCS Dup (BE21084-BSD1)								Prepared & Analyzed: 05/29/2012			
1,1,1,2-Tetrachloroethane	10.6		ug/L	10.0		106	82.3-130		6.21	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		2.53	19.7	
1,1,2,2-Tetrachloroethane	8.64		"	10.0		86.4	71.3-131		6.21	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		3.85	21.7	
1,1,2-Trichloroethane	9.80		"	10.0		98.0	74.5-129		6.42	20.3	
1,1-Dichloroethane	10.4		"	10.0		104	79.6-132		5.45	20.6	
1,1-Dichloroethylene	10.7		"	10.0		107	80.2-146		2.37	20	
1,1-Dichloropropylene	13.7		"	10.0		137	75-136	High Bias	0.00	19.3	
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136		11.2	21.6	
1,2,3-Trichloropropane	8.69		"	10.0		86.9	63-131		2.68	23.9	
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70.6-136		3.60	21.7	
1,2,4-Trimethylbenzene	9.58		"	10.0		95.8	75.3-135		1.47	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		10.3	27.7	
1,2-Dibromoethane	10.6		"	10.0		106	79-130		8.02	23	
1,2-Dichlorobenzene	9.19		"	10.0		91.9	76.1-122		2.53	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		3.75	20.2	
1,2-Dichloropropane	9.70		"	10.0		97.0	76.9-129		4.64	20.7	
1,3,5-Trimethylbenzene	9.42		"	10.0		94.2	70.6-127		3.24	18.9	
1,3-Dichlorobenzene	9.44		"	10.0		94.4	77-124		5.11	19.2	
1,3-Dichloropropane	9.98		"	10.0		99.8	75.8-126		6.84	22.1	
1,4-Dichlorobenzene	9.55		"	10.0		95.5	76.6-125		4.61	18.6	
2,2-Dichloropropane	9.14		"	10.0		91.4	69-133		2.44	19.8	
2-Chlorotoluene	8.73		"	10.0		87.3	66.3-119		2.79	21.6	
2-Hexanone	10.0		"	10.0		100	70-130		7.45	30	
4-Chlorotoluene	9.10		"	10.0		91.0	69.2-127		2.56	19	
Acetone	13.0		"	10.0		130	70-130		5.26	30	
Benzene	9.90		"	10.0		99.0	76.2-129		3.70	19	
Bromobenzene	8.76		"	10.0		87.6	71.3-123		3.01	20.3	
Bromochloromethane	10.2		"	10.0		102	70.8-137		5.66	23.9	
Bromodichloromethane	11.2		"	10.0		112	79.7-134		6.76	21	
Bromoform	10.8		"	10.0		108	70.5-141		7.12	21.8	
Bromomethane	10.6		"	10.0		106	43.9-147		3.36	28.4	
Carbon tetrachloride	14.1		"	10.0		141	78.1-138	High Bias	1.78	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		5.20	19.9	
Chloroethane	9.91		"	10.0		99.1	55.8-140		2.14	23.3	
Chloroform	10.3		"	10.0		103	76.6-133		7.27	20.3	
Chloromethane	9.51		"	10.0		95.1	48.8-115		5.40	24.5	
cis-1,2-Dichloroethylene	9.70		"	10.0		97.0	75.1-128		5.94	20.5	
cis-1,3-Dichloropropylene	9.71		"	10.0		97.1	74.5-128		4.74	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		6.83	21.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21084 - EPA 5030B											
LCS Dup (BE21084-BSD1)							Prepared & Analyzed: 05/29/2012				
Dibromomethane	10.2		ug/L	10.0		102	79-130		8.93	22.4	
Dichlorodifluoromethane	7.89		"	10.0		78.9	47.1-101		3.35	23.9	
Ethyl Benzene	10.7		"	10.0		107	80.8-128		4.02	19.2	
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128		3.55	20.6	
Isopropylbenzene	9.81		"	10.0		98.1	75.5-135		2.37	20	
Methyl tert-butyl ether (MTBE)	9.21		"	10.0		92.1	65.1-140		4.21	23.6	
Methylene chloride	9.15		"	10.0		91.5	61.3-120		0.654	20.4	
Naphthalene	10.8		"	10.0		108	62.3-148		14.2	27.1	
n-Butylbenzene	8.97		"	10.0		89.7	67.2-123		0.998	19.1	
n-Propylbenzene	9.02		"	10.0		90.2	70.5-127		2.02	23.4	
o-Xylene	9.71		"	10.0		97.1	75.9-122		2.82	19.3	
p- & m- Xylenes	19.8		"	20.0		98.8	77.7-127		3.29	18.6	
p-Isopropyltoluene	9.60		"	10.0		96.0	75.6-129		1.68	19.1	
sec-Butylbenzene	9.07		"	10.0		90.7	71.5-125		1.11	18.9	
Styrene	10.1		"	10.0		101	77.8-123		5.58	20.9	
tert-Butylbenzene	11.1		"	10.0		111	75.9-151		2.73	20.9	
Tetrachloroethylene	10.1		"	10.0		101	63.6-167		0.398	27.7	
Toluene	9.82		"	10.0		98.2	77-123		4.26	18.7	
trans-1,2-Dichloroethylene	10.5		"	10.0		105	76.3-139		5.79	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		7.32	19.3	
Trichloroethylene	10.0		"	10.0		100	77.9-130		4.18	20.5	
Trichlorofluoromethane	10.2		"	10.0		102	57.4-133		1.48	21.4	
Vinyl Chloride	9.23		"	10.0		92.3	54.9-124		1.53	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.54*		*"*	*10.0*		*95.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21129 - EPA 3010A											
Blank (BE21129-BLK1)								Prepared & Analyzed: 05/30/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BE21129-DUP1)	*Source sample: 12E0869-01 (WQ52312:920NP2-10)							Prepared & Analyzed: 05/30/2012			
Iron - Dissolved	0.0664	0.0100	mg/L		0.0663				0.151	20	
Matrix Spike (BE21129-MS1)	*Source sample: 12E0869-01 (WQ52312:920NP2-10)							Prepared & Analyzed: 05/30/2012			
Iron - Dissolved	1.12	0.0100	mg/L	1.00	0.0663	105	75-125				
Reference (BE21129-SRM1)								Prepared & Analyzed: 05/30/2012			
Iron - Dissolved	0.283	0.0100	mg/L	0.274		103	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21129 - EPA 3010A											
Blank (BE21129-BLK1)								Prepared & Analyzed: 05/30/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BE21129-DUP1)	*Source sample: 12E0869-01 (WQ52312:920NP2-10)							Prepared & Analyzed: 05/30/2012			
Iron	3.59	0.0100	mg/L		3.63				0.886	20	
Matrix Spike (BE21129-MS1)	*Source sample: 12E0869-01 (WQ52312:920NP2-10)							Prepared & Analyzed: 05/30/2012			
Iron	4.78	0.0100	mg/L	1.00	3.63	115	75-125				
Reference (BE21129-SRM1)								Prepared & Analyzed: 05/30/2012			
Iron	0.283	0.0100	mg/L	0.274		103	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21066 - % Solids Prep											
Blank (BE21066-BLK1)								Prepared & Analyzed: 05/30/2012			
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BE21066-DUP1)	*Source sample: 12E0869-01 (WQ52312:920NP2-10)							Prepared & Analyzed: 05/30/2012			
Total Dissolved Solids	120	1.00	mg/L		118				1.68	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0868

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
HABSA6

Samples from: CT ___ NY X NJ ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) ☒

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ___
CTRCP DQA/DUE Pkg ___
NY ASP A Package ___
NY ASP B Package NP2-10 only, pdf.
NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS ___
EQuIS (std) ___
EZ-EDD (EQuIS) ___
NJDEP SRP HazSite EDD ___
GIS/KEY (std) ___
Other ___
York Regulatory Comparison
Excel Spreadsheet ___
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ52312:910NP2-6	5/23/12 910	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2x 2P
WQ52312:915NP2-7	" 915	GW	↓	2x 2P
WQ52312:920NP2-10	" 920	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540C)	2x 3P

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By — Date/Time: 5/25/12 1330
Samples Received By — Date/Time: 5/25/12 1330
Samples Relinquished By — Date/Time:
Samples Received in LAB by — Date/Time: 5-25-12 1445

Temperature on Receipt: 3.3 °C

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0869

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGLLC.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries.

Purchase Order No.
NABSAG.

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package NP2-10 only, pdf.
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet ___

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes	
S -	soil
Other -	specify(oil, etc.)
WW -	wastewater
GW -	groundwater
DW -	drinking water
Air-A -	ambient air
Air-SV -	soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360 Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360 Supplemental	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ52312:910NP2-6	5/23/12 910	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	2v 2p
WQ52312:915NP2-7	915	GW	↓	2v 2p
WQ52312:920NP2-10	920	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540C)	2v 3p

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By: [signature] 5/25/12 1330 (Date/Time)
Samples Received By: TC Hatch 5/25/12 1330 (Date/Time)
Samples Relinquished By ___ Date/Time ___
Samples Received in LAB by [signature] 5-25-12 1445 (Date/Time)

Temperature on Receipt 3.3 °C

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 06/13/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12F0115

Report Date: 06/13/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12F0115

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on June 04, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12F0115-01	WQ053012:1315NP2-6	Water	05/30/2012	06/04/2012
12F0115-02	WQ053012:1320NP2-7	Water	05/30/2012	06/04/2012
12F0116-01	WQ053012:1325NP2-10	Water	05/30/2012	06/04/2012

General Notes for York Project (SDG) No.: 12F0115

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By: 

Date: 06/13/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ053012:1315NP2-6 **York Sample ID:** 12F0115-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0115	Rowe Industries	Water	May 30, 2012 1:15 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
71-55-6	**1,1,1-Trichloroethane**	**1.1**		ug/L	0.043	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-34-3	**1,1-Dichloroethane**	**0.54**		ug/L	0.056	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS

Sample Information

Client Sample ID: WQ053012:1315NP2-6 **York Sample ID:** 12F0115-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0115	Rowe Industries	Water	May 30, 2012 1:15 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
67-66-3	**Chloroform**	**0.18**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.13**	J	ug/L	0.081	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-09-2	**Methylene chloride**	**0.35**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
91-20-3	**Naphthalene**	**0.21**	J	ug/L	0.040	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
127-18-4	**Tetrachloroethylene**	**1.2**		ug/L	0.054	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 06:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*104 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*96.4 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*101 %*	*81.2-127*

Sample Information

Client Sample ID: WQ053012:1315NP2-6 **York Sample ID:** 12F0115-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0115	Rowe Industries	Water	May 30, 2012 1:15 pm	06/04/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0251**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	06/05/2012 14:36	06/12/2012 17:48	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**9.24**		mg/L	0.00550	0.0100	1	EPA 200.7	06/05/2012 14:36	06/12/2012 17:53	MW

Sample Information

Client Sample ID: WQ053012:1320NP2-7 **York Sample ID:** 12F0115-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0115	Rowe Industries	Water	May 30, 2012 1:20 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS

Sample Information

Client Sample ID: **WQ053012:1320NP2-7** **York Sample ID:** **12F0115-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0115	Rowe Industries	Water	May 30, 2012 1:20 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-09-2	**Methylene chloride**	**0.39**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
91-20-3	**Naphthalene**	**0.10**	J	ug/L	0.040	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS

Sample Information

Client Sample ID: WQ053012:1320NP2-7 **York Sample ID:** 12F0115-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0115	Rowe Industries	Water	May 30, 2012 1:20 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 07:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*93.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.6 %*	*81.2-127*

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0494**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	06/05/2012 14:36	06/12/2012 17:57	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.70**		mg/L	0.00550	0.0100	1	EPA 200.7	06/05/2012 14:36	06/12/2012 18:02	MW

Sample Information

Client Sample ID: WQ053012:1325NP2-10 **York Sample ID:** 12F0116-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0116	Rowe Industries	Water	May 30, 2012 1:25 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS

Sample Information

Client Sample ID: WQ053012:1325NP2-10 **York Sample ID:** 12F0116-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0116	Rowe Industries	Water	May 30, 2012 1:25 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
67-64-1	**Acetone**	**1.3**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
124-48-1	**Dibromochloromethane**	**0.16**	J	ug/L	0.040	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS

Sample Information

Client Sample ID: WQ053012:1325NP2-10 **York Sample ID:** 12F0116-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0116	Rowe Industries	Water	May 30, 2012 1:25 pm	06/04/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-09-2	**Methylene chloride**	**0.39**	J, B	ug/L	0.12	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	06/05/2012 16:35	06/06/2012 08:16	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*99.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*102 %*	*81.2-127*

Sample Information

Client Sample ID: WQ053012:1325NP2-10 **York Sample ID:** 12F0116-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12F0116	Rowe Industries	Water	May 30, 2012 1:25 pm	06/04/2012

Iron, Dissolved by EPA 6010

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0174**		mg/L	0.00550	0.0100	1	EPA SW846-6010B	06/05/2012 14:36	06/12/2012 18:07	MW

Iron by EPA 200.7

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3010A

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.56**		mg/L	0.00550	0.0100	1	EPA 200.7	06/05/2012 14:36	06/12/2012 18:24	MW

Total Dissolved Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**132**		mg/L	1.00	1.00	1	SM 2540C	06/06/2012 10:30	06/07/2012 17:30	AMC

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BF20112 **Preparation Method:** EPA 3010A **Prepared By:** MW

YORK Sample ID	Client Sample ID	Preparation Date
12F0115-01	WQ053012:1315NP2-6	06/05/12
12F0115-01	WQ053012:1315NP2-6	06/05/12
12F0115-02	WQ053012:1320NP2-7	06/05/12
12F0115-02	WQ053012:1320NP2-7	06/05/12
12F0116-01	WQ053012:1325NP2-10	06/05/12
12F0116-01	WQ053012:1325NP2-10	06/05/12
BF20112-BLK1	Blank	06/05/12
BF20112-BLK1	Blank	06/05/12
BF20112-DUP1	Duplicate	06/05/12
BF20112-DUP1	Duplicate	06/05/12
BF20112-MS1	Matrix Spike	06/05/12
BF20112-MS1	Matrix Spike	06/05/12
BF20112-SRM1	Reference	06/05/12
BF20112-SRM1	Reference	06/05/12

Batch ID: BF20125 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12F0115-01	WQ053012:1315NP2-6	06/05/12
12F0115-02	WQ053012:1320NP2-7	06/05/12
12F0116-01	WQ053012:1325NP2-10	06/05/12
BF20125-BLK1	Blank	06/05/12
BF20125-BS1	LCS	06/05/12
BF20125-BSD1	LCS Dup	06/05/12

Batch ID: BF20135 **Preparation Method:** % Solids Prep **Prepared By:** AMC

YORK Sample ID	Client Sample ID	Preparation Date
12F0116-01	WQ053012:1325NP2-10	06/06/12
BF20135-BLK1	Blank	06/06/12
BF20135-DUP1	Duplicate	06/06/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF20125 - EPA 5030B

Blank (BF20125-BLK1) Prepared: 06/05/2012 Analyzed: 06/06/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	6.0	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	1.6	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF20125 - EPA 5030B											
Blank (BF20125-BLK1)									Prepared: 06/05/2012 Analyzed: 06/06/2012		
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.39*		*"*	*10.0*		*93.9*	*63.5-145*				
Surrogate: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81.2-127*				
LCS (BF20125-BS1)									Prepared: 06/05/2012 Analyzed: 06/06/2012		
1,1,1,2-Tetrachloroethane	10.8		ug/L	10.0		108	82.3-130				
1,1,1-Trichloroethane	10.9		"	10.0		109	75.6-137				
1,1,2,2-Tetrachloroethane	8.90		"	10.0		89.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	71.1-129				
1,1,2-Trichloroethane	10.8		"	10.0		108	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	10.5		"	10.0		105	80.2-146				
1,1-Dichloropropylene	11.9		"	10.0		119	75-136				
1,2,3-Trichlorobenzene	12.5		"	10.0		125	66.1-136				
1,2,3-Trichloropropane	9.89		"	10.0		98.9	63-131				
1,2,4-Trichlorobenzene	12.6		"	10.0		126	70.6-136				
1,2,4-Trimethylbenzene	9.65		"	10.0		96.5	75.3-135				
1,2-Dibromo-3-chloropropane	10.6		"	10.0		106	58.9-140				
1,2-Dibromoethane	11.1		"	10.0		111	79-130				
1,2-Dichlorobenzene	9.64		"	10.0		96.4	76.1-122				
1,2-Dichloroethane	11.4		"	10.0		114	74.6-132				
1,2-Dichloropropane	10.4		"	10.0		104	76.9-129				
1,3,5-Trimethylbenzene	8.72		"	10.0		87.2	70.6-127				
1,3-Dichlorobenzene	9.33		"	10.0		93.3	77-124				
1,3-Dichloropropane	10.9		"	10.0		109	75.8-126				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	76.6-125				
2,2-Dichloropropane	9.64		"	10.0		96.4	69-133				
2-Chlorotoluene	8.91		"	10.0		89.1	66.3-119				
2-Hexanone	11.4		"	10.0		114	70-130				
4-Chlorotoluene	8.95		"	10.0		89.5	69.2-127				
Acetone	7.99		"	10.0		79.9	70-130				
Benzene	10.6		"	10.0		106	76.2-129				
Bromobenzene	9.00		"	10.0		90.0	71.3-123				
Bromochloromethane	10.9		"	10.0		109	70.8-137				
Bromodichloromethane	11.5		"	10.0		115	79.7-134				
Bromoform	10.3		"	10.0		103	70.5-141				
Bromomethane	9.56		"	10.0		95.6	43.9-147				
Carbon tetrachloride	12.1		"	10.0		121	78.1-138				
Chlorobenzene	10.4		"	10.0		104	80.4-125				
Chloroethane	9.15		"	10.0		91.5	55.8-140				
Chloroform	10.8		"	10.0		108	76.6-133				
Chloromethane	8.52		"	10.0		85.2	48.8-115				
cis-1,2-Dichloroethylene	10.6		"	10.0		106	75.1-128				
cis-1,3-Dichloropropylene	10.2		"	10.0		102	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF20125 - EPA 5030B											
LCS (BF20125-BS1)									Prepared: 06/05/2012 Analyzed: 06/06/2012		
Dibromochloromethane	11.9		ug/L	10.0		119	79.8-134				
Dibromomethane	11.1		"	10.0		111	79-130				
Dichlorodifluoromethane	7.10		"	10.0		71.0	47.1-101				
Ethyl Benzene	11.1		"	10.0		111	80.8-128				
Hexachlorobutadiene	10.8		"	10.0		108	64.8-128				
Isopropylbenzene	9.50		"	10.0		95.0	75.5-135				
Methyl tert-butyl ether (MTBE)	10.7		"	10.0		107	65.1-140				
Methylene chloride	6.27		"	10.0		62.7	61.3-120				
Naphthalene	12.0		"	10.0		120	62.3-148				
n-Butylbenzene	9.72		"	10.0		97.2	67.2-123				
n-Propylbenzene	9.18		"	10.0		91.8	70.5-127				
o-Xylene	10.2		"	10.0		102	75.9-122				
p- & m- Xylenes	21.0		"	20.0		105	77.7-127				
p-Isopropyltoluene	9.86		"	10.0		98.6	75.6-129				
sec-Butylbenzene	9.07		"	10.0		90.7	71.5-125				
Styrene	10.6		"	10.0		106	77.8-123				
tert-Butylbenzene	8.96		"	10.0		89.6	75.9-151				
Tetrachloroethylene	11.1		"	10.0		111	63.6-167				
Toluene	10.4		"	10.0		104	77-123				
trans-1,2-Dichloroethylene	10.3		"	10.0		103	76.3-139				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	72.5-137				
Trichloroethylene	10.5		"	10.0		105	77.9-130				
Trichlorofluoromethane	9.54		"	10.0		95.4	57.4-133				
Vinyl Chloride	8.77		"	10.0		87.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.03*		*"*	*10.0*		*90.3*	*63.5-145*				
Surrogate: Toluene-d8	*9.62*		*"*	*10.0*		*96.2*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Batch BF20125 - EPA 5030B

LCS Dup (BF20125-BSD1) Prepared: 06/05/2012 Analyzed: 06/06/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.9		ug/L	10.0		109	82.3-130		1.39	21.1	
1,1,1-Trichloroethane	10.7		"	10.0		107	75.6-137		1.85	19.7	
1,1,2,2-Tetrachloroethane	9.16		"	10.0		91.6	71.3-131		2.88	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	71.1-129		0.881	21.7	
1,1,2-Trichloroethane	10.6		"	10.0		106	74.5-129		1.96	20.3	
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132		0.374	20.6	
1,1-Dichloroethylene	10.3		"	10.0		103	80.2-146		2.02	20	
1,1-Dichloropropylene	9.03		"	10.0		90.3	75-136		27.5	19.3	Non-dir.
1,2,3-Trichlorobenzene	12.1		"	10.0		121	66.1-136		3.24	21.6	
1,2,3-Trichloropropane	9.89		"	10.0		98.9	63-131		0.00	23.9	
1,2,4-Trichlorobenzene	12.0		"	10.0		120	70.6-136		5.37	21.7	
1,2,4-Trimethylbenzene	9.92		"	10.0		99.2	75.3-135		2.76	18.8	
1,2-Dibromo-3-chloropropane	11.7		"	10.0		117	58.9-140		10.3	27.7	
1,2-Dibromoethane	11.0		"	10.0		110	79-130		1.09	23	
1,2-Dichlorobenzene	9.62		"	10.0		96.2	76.1-122		0.208	19.8	
1,2-Dichloroethane	11.2		"	10.0		112	74.6-132		1.77	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		0.387	20.7	
1,3,5-Trimethylbenzene	9.67		"	10.0		96.7	70.6-127		10.3	18.9	
1,3-Dichlorobenzene	9.58		"	10.0		95.8	77-124		2.64	19.2	
1,3-Dichloropropane	10.6		"	10.0		106	75.8-126		2.78	22.1	
1,4-Dichlorobenzene	9.57		"	10.0		95.7	76.6-125		2.27	18.6	
2,2-Dichloropropane	9.22		"	10.0		92.2	69-133		4.45	19.8	
2-Chlorotoluene	9.15		"	10.0		91.5	66.3-119		2.66	21.6	
2-Hexanone	11.4		"	10.0		114	70-130		0.0878	30	
4-Chlorotoluene	9.29		"	10.0		92.9	69.2-127		3.73	19	
Acetone	7.76		"	10.0		77.6	70-130		2.92	30	
Benzene	10.5		"	10.0		105	76.2-129		1.14	19	
Bromobenzene	9.14		"	10.0		91.4	71.3-123		1.54	20.3	
Bromochloromethane	10.2		"	10.0		102	70.8-137		5.97	23.9	
Bromodichloromethane	11.7		"	10.0		117	79.7-134		1.46	21	
Bromoform	10.5		"	10.0		105	70.5-141		2.02	21.8	
Bromomethane	10.1		"	10.0		101	43.9-147		5.69	28.4	
Carbon tetrachloride	9.67		"	10.0		96.7	78.1-138		22.2	20.1	Non-dir.
Chlorobenzene	10.4		"	10.0		104	80.4-125		0.192	19.9	
Chloroethane	9.25		"	10.0		92.5	55.8-140		1.09	23.3	
Chloroform	10.6		"	10.0		106	76.6-133		1.59	20.3	
Chloromethane	8.44		"	10.0		84.4	48.8-115		0.943	24.5	
cis-1,2-Dichloroethylene	10.4		"	10.0		104	75.1-128		1.90	20.5	
cis-1,3-Dichloropropylene	10.3		"	10.0		103	74.5-128		1.56	19.9	
Dibromochloromethane	11.7		"	10.0		117	79.8-134		1.35	21.3	
Dibromomethane	11.0		"	10.0		110	79-130		1.27	22.4	
Dichlorodifluoromethane	6.68		"	10.0		66.8	47.1-101		6.10	23.9	
Ethyl Benzene	11.2		"	10.0		112	80.8-128		1.34	19.2	
Hexachlorobutadiene	11.1		"	10.0		111	64.8-128		2.64	20.6	
Isopropylbenzene	9.93		"	10.0		99.3	75.5-135		4.43	20	
Methyl tert-butyl ether (MTBE)	11.1		"	10.0		111	65.1-140		4.03	23.6	
Methylene chloride	6.20		"	10.0		62.0	61.3-120		1.12	20.4	
Naphthalene	11.4		"	10.0		114	62.3-148		5.64	27.1	
n-Butylbenzene	9.83		"	10.0		98.3	67.2-123		1.13	19.1	
n-Propylbenzene	9.60		"	10.0		96.0	70.5-127		4.47	23.4	
o-Xylene	10.2		"	10.0		102	75.9-122		0.392	19.3	
p- & m- Xylenes	21.2		"	20.0		106	77.7-127		0.947	18.6	
p-Isopropyltoluene	9.98		"	10.0		99.8	75.6-129		1.21	19.1	
sec-Butylbenzene	9.51		"	10.0		95.1	71.5-125		4.74	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF20125 - EPA 5030B											
LCS Dup (BF20125-BSD1)									Prepared: 06/05/2012 Analyzed: 06/06/2012		
Styrene	10.4		ug/L	10.0		104	77.8-123		2.01	20.9	
tert-Butylbenzene	9.24		"	10.0		92.4	75.9-151		3.08	20.9	
Tetrachloroethylene	12.2		"	10.0		122	63.6-167		9.42	27.7	
Toluene	10.5		"	10.0		105	77-123		0.671	18.7	
trans-1,2-Dichloroethylene	9.97		"	10.0		99.7	76.3-139		3.55	19.5	
trans-1,3-Dichloropropylene	11.3		"	10.0		113	72.5-137		0.445	19.3	
Trichloroethylene	10.6		"	10.0		106	77.9-130		1.33	20.5	
Trichlorofluoromethane	9.50		"	10.0		95.0	57.4-133		0.420	21.4	
Vinyl Chloride	8.64		"	10.0		86.4	54.9-124		1.49	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.16*		*"*	*10.0*		*91.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81.2-127*				

Metals by EPA 6000 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF20112 - EPA 3010A											
Blank (BF20112-BLK1)								Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron - Dissolved	ND	0.0100	mg/L								
Duplicate (BF20112-DUP1)	*Source sample: 12F0116-01 (WQ053012:1325NP2-10)							Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron - Dissolved	0.0116	0.0100	mg/L		0.0174				39.5	20	Non-dir.
Matrix Spike (BF20112-MS1)	*Source sample: 12F0116-01 (WQ053012:1325NP2-10)							Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron - Dissolved	1.06	0.0100	mg/L	1.00	0.0174	104	75-125				
Reference (BF20112-SRM1)								Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron - Dissolved	0.267	0.0100	mg/L	0.274		97.4	86.9-115				

Metals by EPA 200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF20112 - EPA 3010A											
Blank (BF20112-BLK1)								Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron	ND	0.0100	mg/L								
Duplicate (BF20112-DUP1)	*Source sample: 12F0116-01 (WQ053012:1325NP2-10)							Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron	1.50	0.0100	mg/L		1.56				3.92	20	
Matrix Spike (BF20112-MS1)	*Source sample: 12F0116-01 (WQ053012:1325NP2-10)							Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron	2.55	0.0100	mg/L	1.00	1.56	99.0	75-125				
Reference (BF20112-SRM1)								Prepared: 06/05/2012 Analyzed: 06/12/2012			
Iron	0.267	0.0100	mg/L	0.274		97.4	86.9-115				

Miscellaneous Physical/Conventional Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BF20135 - % Solids Prep											
Blank (BF20135-BLK1)									Prepared: 06/06/2012 Analyzed: 06/07/2012		
Total Dissolved Solids	ND	1.00	mg/L								
Duplicate (BF20135-DUP1)	*Source sample: 12F0116-01 (WQ053012:1325NP2-10)								Prepared: 06/06/2012 Analyzed: 06/07/2012		
Total Dissolved Solids	129	1.00	mg/L		132				2.30	15	

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 12F0115

YOUR Information
Company: LBG
Address: 4 Research Dr. Suite 304 Shelton CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
HABSA6

Samples from: CT___ NY X NJ___

Turn-Around Time
RUSH - Same Day ☐
RUSH - Next Day ☐
RUSH - Two Day ☐
RUSH - Three Day ☐
RUSH - Four Day ☐
Standard(5-7 Days) X

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ____
CTRCP DQA/DUE Pkg ____
NY ASP A Package ____
NY ASP B Package HP2-10 only
NJDEP Red. Deliv. ____

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS ____
EQuIS (std) ____
EZ-EDD (EQuIS) ____
NJDEP SRP HazSite EDD ____
GIS/KEY (std) ____
Other ____
York Regulatory Comparison
Excel Spreadsheet
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

TNS.
Samples Collected/Authorized By (Signature)

Tunde Komuves-Sandor
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins/Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ053012:1315HP2-6	5-30-12 @ 1315	GW	Fe by EPA 200.7 / Fe dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113	2 HCl VOA; 1 unpres plastic 250 ml; 1-250 ml nitric plastic
WQ053012:1320HP2-7	↓ 1320	↓	↓	↓
WQ053012:1325HP2-10	↓ 1325	↓	Fe by EPA 200.7 / Fe dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540c)	↓ plus additional 250 unpres

Comments

Preservation
Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C___ Frozen___ HCl___ MeOH___ HNO_3___ H_2SO_4___ NaOH___
ZnAc Ascorbic Acid Other

	Date/Time		Date/Time
Samples Relinquished By	6/4/12	Samples Received By	6/4/12 1435
Samples Relinquished By		Samples Received in LAB by	6/4/12-1500

Temperature on Receipt 3.8 °C

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 12F0116

YOUR Information
Company: LBG
Address: 4 Research Dr Suite 301
Shelton CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
HABSAG

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐

Samples from: CT ___ NY X NJ ___
Standard(5-7 Days) X

Report Type
Summary Report X, pdf
Summary w/ QA Summary X, pdf
CT RCP Package ____
CTRCP DQA/DUE Pkg ____
NY ASP A Package ____
NY ASP B Package HP2-10 only
NJDEP Red. Deliv. ____

Electronic Data Deliverables (EDD)
Simple Excel X
NYSDEC EQuIS ____
EQuIS (std) ____
EZ-EDD (EQuIS) ____
NJDEP SRP HazSite EDD ____
GIS/KEY (std) ____
Other ____
York Regulatory Comparison
Excel Spreadsheet ____
Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

Tunde Komuves-Sandor
Name (printed)

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part 360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part 360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part 360-Expanded No Dioxins Furans	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part 360-Expanded Full List	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ0530 12:1315 HP2-6	5-30-12 @ 1315	GW	Fe by EPA 200.7 / Fe dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113	2 HCl VOA; 1 unpres 250 ml; 1-250 ml Nitric pH
WQ0530 12:1320 HP2-7	1320		Fe by EPA 200.7 / Fe dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TDS (SM 2540c)	plus additional 250 unpres
WQ0530 12:1325 HP2-10	1325			

Comments

Preservation Check those Applicable
Special Instructions
Field Filtered ☐
Lab to Filter ☐

4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc Ascorbic Acid Other

Samples Relinquished By — Date/Time 6/4/12
Samples Relinquished By — Date/Time

Samples Received By — Date/Time 6/4/12 1435
Samples Received in LAB by — Date/Time 6/4/12 1500

Temperature on Receipt 3.8 °C

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: VOA
METHOD: EPA SW846-8260B

DATA PACKAGE COVER PAGE

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.

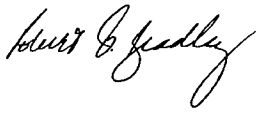
SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office

Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: 

Name: Robert Q. Bradley

Date: 6/11/2012

Title: Executive Vice President & Laboratory Director

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Sequence:
Instrument:
Matrix: Water
Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BF20125-BS1)			Lab File ID: V385420L.D		Analyzed: 06/06/12 04:00			
1,2-Dichloroethane-d4	10.0	104	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	90.3	63.5 - 145	9.23				
Toluene-d8	10.0	96.2	81.2 - 127	6.53				
LCS Dup (BF20125-BSD1)			Lab File ID: V385422U.D		Analyzed: 06/06/12 04:52			
1,2-Dichloroethane-d4	10.0	106	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	91.6	63.5 - 145	9.23				
Toluene-d8	10.0	96.8	81.2 - 127	6.53				
Blank (BF20125-BLK1)			Lab File ID: V385424B.D		Analyzed: 06/06/12 05:42			
1,2-Dichloroethane-d4	10.0	103	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	93.9	63.5 - 145	9.23				
Toluene-d8	10.0	100	81.2 - 127	6.53				
WQ053012:1325NP2-10 (12F0116-01)			Lab File ID: V385430W.D		Analyzed: 06/06/12 08:16			
1,2-Dichloroethane-d4	10.0	101	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	99.0	63.5 - 145	9.23				
Toluene-d8	10.0	102	81.2 - 127	6.53				

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.8	108	82.3 - 130
1,1,1-Trichloroethane	10.0	10.9	109	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	8.90	89.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.2	102	71.1 - 129
1,1,2-Trichloroethane	10.0	10.8	108	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	79.6 - 132
1,1-Dichloroethylene	10.0	10.5	105	80.2 - 146
1,1-Dichloropropylene	10.0	11.9	119	75 - 136
1,2,3-Trichlorobenzene	10.0	12.5	125	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.6	126	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.65	96.5	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	10.6	106	58.9 - 140
1,2-Dibromoethane	10.0	11.1	111	79 - 130
1,2-Dichlorobenzene	10.0	9.64	96.4	76.1 - 122
1,2-Dichloroethane	10.0	11.4	114	74.6 - 132
1,2-Dichloropropane	10.0	10.4	104	76.9 - 129
1,3,5-Trimethylbenzene	10.0	8.72	87.2	70.6 - 127
1,3-Dichlorobenzene	10.0	9.33	93.3	77 - 124
1,3-Dichloropropane	10.0	10.9	109	75.8 - 126
1,4-Dichlorobenzene	10.0	9.79	97.9	76.6 - 125
2,2-Dichloropropane	10.0	9.64	96.4	69 - 133
2-Chlorotoluene	10.0	8.91	89.1	66.3 - 119
2-Hexanone	10.0	11.4	114	70 - 130
4-Chlorotoluene	10.0	8.95	89.5	69.2 - 127
Acetone	10.0	7.99	79.9	70 - 130
Benzene	10.0	10.6	106	76.2 - 129
Bromobenzene	10.0	9.00	90.0	71.3 - 123
Bromochloromethane	10.0	10.9	109	70.8 - 137
Bromodichloromethane	10.0	11.5	115	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	10.3	103	70.5 - 141
Bromomethane	10.0	9.56	95.6	43.9 - 147
Carbon tetrachloride	10.0	12.1	121	78.1 - 138
Chlorobenzene	10.0	10.4	104	80.4 - 125
Chloroethane	10.0	9.15	91.5	55.8 - 140
Chloroform	10.0	10.8	108	76.6 - 133
Chloromethane	10.0	8.52	85.2	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.6	106	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.2	102	74.5 - 128
Dibromochloromethane	10.0	11.9	119	79.8 - 134
Dibromomethane	10.0	11.1	111	79 - 130
Dichlorodifluoromethane	10.0	7.10	71.0	47.1 - 101
Ethyl Benzene	10.0	11.1	111	80.8 - 128
Hexachlorobutadiene	10.0	10.8	108	64.8 - 128
Isopropylbenzene	10.0	9.50	95.0	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	10.7	107	65.1 - 140
Methylene chloride	10.0	6.27	62.7	61.3 - 120
Naphthalene	10.0	12.0	120	62.3 - 148
n-Butylbenzene	10.0	9.72	97.2	67.2 - 123
n-Propylbenzene	10.0	9.18	91.8	70.5 - 127
o-Xylene	10.0	10.2	102	75.9 - 122
p- & m- Xylenes	20.0	21.0	105	77.7 - 127
p-Isopropyltoluene	10.0	9.86	98.6	75.6 - 129
sec-Butylbenzene	10.0	9.07	90.7	71.5 - 125
Styrene	10.0	10.6	106	77.8 - 123
tert-Butylbenzene	10.0	8.96	89.6	75.9 - 151
Tetrachloroethylene	10.0	11.1	111	63.6 - 167
Toluene	10.0	10.4	104	77 - 123
trans-1,2-Dichloroethylene	10.0	10.3	103	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.2	112	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	10.5	105	77.9 - 130
Trichlorofluoromethane	10.0	9.54	95.4	57.4 - 133
Vinyl Chloride	10.0	8.77	87.7	54.9 - 124

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.9	109	1.39	21.1	82.3 - 130
1,1,1-Trichloroethane	10.0	10.7	107	1.85	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	9.16	91.6	2.88	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.3	103	0.881	21.7	71.1 - 129
1,1,2-Trichloroethane	10.0	10.6	106	1.96	20.3	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	0.374	20.6	79.6 - 132
1,1-Dichloroethylene	10.0	10.3	103	2.02	20	80.2 - 146
1,1-Dichloropropylene	10.0	9.03	90.3	27.5 *	19.3	75 - 136
1,2,3-Trichlorobenzene	10.0	12.1	121	3.24	21.6	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	0.00	23.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.0	120	5.37	21.7	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.92	99.2	2.76	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	11.7	117	10.3	27.7	58.9 - 140
1,2-Dibromoethane	10.0	11.0	110	1.09	23	79 - 130
1,2-Dichlorobenzene	10.0	9.62	96.2	0.208	19.8	76.1 - 122
1,2-Dichloroethane	10.0	11.2	112	1.77	20.2	74.6 - 132
1,2-Dichloropropane	10.0	10.3	103	0.387	20.7	76.9 - 129
1,3,5-Trimethylbenzene	10.0	9.67	96.7	10.3	18.9	70.6 - 127
1,3-Dichlorobenzene	10.0	9.58	95.8	2.64	19.2	77 - 124
1,3-Dichloropropane	10.0	10.6	106	2.78	22.1	75.8 - 126
1,4-Dichlorobenzene	10.0	9.57	95.7	2.27	18.6	76.6 - 125
2,2-Dichloropropane	10.0	9.22	92.2	4.45	19.8	69 - 133
2-Chlorotoluene	10.0	9.15	91.5	2.66	21.6	66.3 - 119
2-Hexanone	10.0	11.4	114	0.0878	30	70 - 130
4-Chlorotoluene	10.0	9.29	92.9	3.73	19	69.2 - 127
Acetone	10.0	7.76	77.6	2.92	30	70 - 130
Benzene	10.0	10.5	105	1.14	19	76.2 - 129
Bromobenzene	10.0	9.14	91.4	1.54	20.3	71.3 - 123
Bromochloromethane	10.0	10.2	102	5.97	23.9	70.8 - 137
Bromodichloromethane	10.0	11.7	117	1.46	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	10.5	105	2.02	21.8	70.5 - 141
Bromomethane	10.0	10.1	101	5.69	28.4	43.9 - 147
Carbon tetrachloride	10.0	9.67	96.7	22.2 *	20.1	78.1 - 138
Chlorobenzene	10.0	10.4	104	0.192	19.9	80.4 - 125
Chloroethane	10.0	9.25	92.5	1.09	23.3	55.8 - 140
Chloroform	10.0	10.6	106	1.59	20.3	76.6 - 133
Chloromethane	10.0	8.44	84.4	0.943	24.5	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.4	104	1.90	20.5	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.3	103	1.56	19.9	74.5 - 128
Dibromochloromethane	10.0	11.7	117	1.35	21.3	79.8 - 134
Dibromomethane	10.0	11.0	110	1.27	22.4	79 - 130
Dichlorodifluoromethane	10.0	6.68	66.8	6.10	23.9	47.1 - 101
Ethyl Benzene	10.0	11.2	112	1.34	19.2	80.8 - 128
Hexachlorobutadiene	10.0	11.1	111	2.64	20.6	64.8 - 128
Isopropylbenzene	10.0	9.93	99.3	4.43	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	4.03	23.6	65.1 - 140
Methylene chloride	10.0	6.20	62.0	1.12	20.4	61.3 - 120
Naphthalene	10.0	11.4	114	5.64	27.1	62.3 - 148
n-Butylbenzene	10.0	9.83	98.3	1.13	19.1	67.2 - 123
n-Propylbenzene	10.0	9.60	96.0	4.47	23.4	70.5 - 127
o-Xylene	10.0	10.2	102	0.392	19.3	75.9 - 122
p- & m- Xylenes	20.0	21.2	106	0.947	18.6	77.7 - 127
p-Isopropyltoluene	10.0	9.98	99.8	1.21	19.1	75.6 - 129
sec-Butylbenzene	10.0	9.51	95.1	4.74	18.9	71.5 - 125
Styrene	10.0	10.4	104	2.01	20.9	77.8 - 123
tert-Butylbenzene	10.0	9.24	92.4	3.08	20.9	75.9 - 151
Tetrachloroethylene	10.0	12.2	122	9.42	27.7	63.6 - 167
Toluene	10.0	10.5	105	0.671	18.7	77 - 123
trans-1,2-Dichloroethylene	10.0	9.97	99.7	3.55	19.5	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.3	113	0.445	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	10.0	10.6	106	1.33	20.5	77.9 - 130
Trichlorofluoromethane	10.0	9.50	95.0	0.420	21.4	57.4 - 133
Vinyl Chloride	10.0	8.64	86.4	1.49	22.3	54.9 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20125 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01	V385430W.D	06/05/12 16:35	
Blank	BF20125-BLK1	V385424B.D	06/05/12 08:35	
LCS	BF20125-BS1	V385420L.D	06/05/12 08:35	
LCS Dup	BF20125-BSD1	V385422U.D	06/05/12 08:35	

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham Shelton Office
Lab File ID: V384930B.D
Instrument ID: VOA No. 3
Calibration: V3RCPB47.M

SDG: 12F0116
Project: Rowe Industries
BFB Injection Date: 05/18/12
BFB InjectionTime: 13:03

m/e	Ion Abundance Criteria	% Relative Abundance	
50	10.0-40.0% of mass 95	16.1	
75	30.0-66.0% of mass 95	37.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.1	(74.7) 1
174	50.0-100.0% of mass 95	74.7	
175	5.0-9.0% of mass 174	6.7	(74.7) 1
176	95.0-101.0% of mass 174	97.7	(74.7) 1
177	5.0-9.0% of mass 176	6.2	(97.7) 2

1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		.5 ppb VOA CALIBRATION STD DW	V384932C.D	05/18/12	13:48
2		2.0 ppb VOA CALIBRATION STD DW	V384934C.D	05/18/12	14:33
3		4.0 ppb VOA CALIBRATION STD DW	V384936C.D	05/18/12	15:17
4		10.0 ppb VOA CALIBRATION STD DW	V384938C.D	05/18/12	16:02
5		20 ppb VOA CALIBRATION STD DW	V384940C.D	05/18/12	16:47
6		40 ppb VOA CALIBRATION STD DW	V384942C.D	05/18/12	17:38
7		10 ppb VOA ICV STD DW	V384946CD	05/18/12	19:07
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham Shelton Office
Lab File ID: V385418C.D
Instrument ID: VOA No. 3
Calibration: V3RCPB47.M

SDG: 12F0116
Project: Rowe Industries
BFB Injection Date: 06/06/12
BFB InjectionTime: 03:09

m/e	Ion Abundance Criteria	% Relative Abundance	
50	10.0-40.0% of mass 95	15.4	
75	30.0-66.0% of mass 95	36.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.4	(76.7) 1
174	50.0-100.0% of mass 95	76.7	
175	5.0-9.0% of mass 174	7.1	(76.7) 1
176	95.0-101.0% of mass 174	97.2	(76.7) 1
177	5.0-9.0% of mass 176	6.3	(97.2) 2

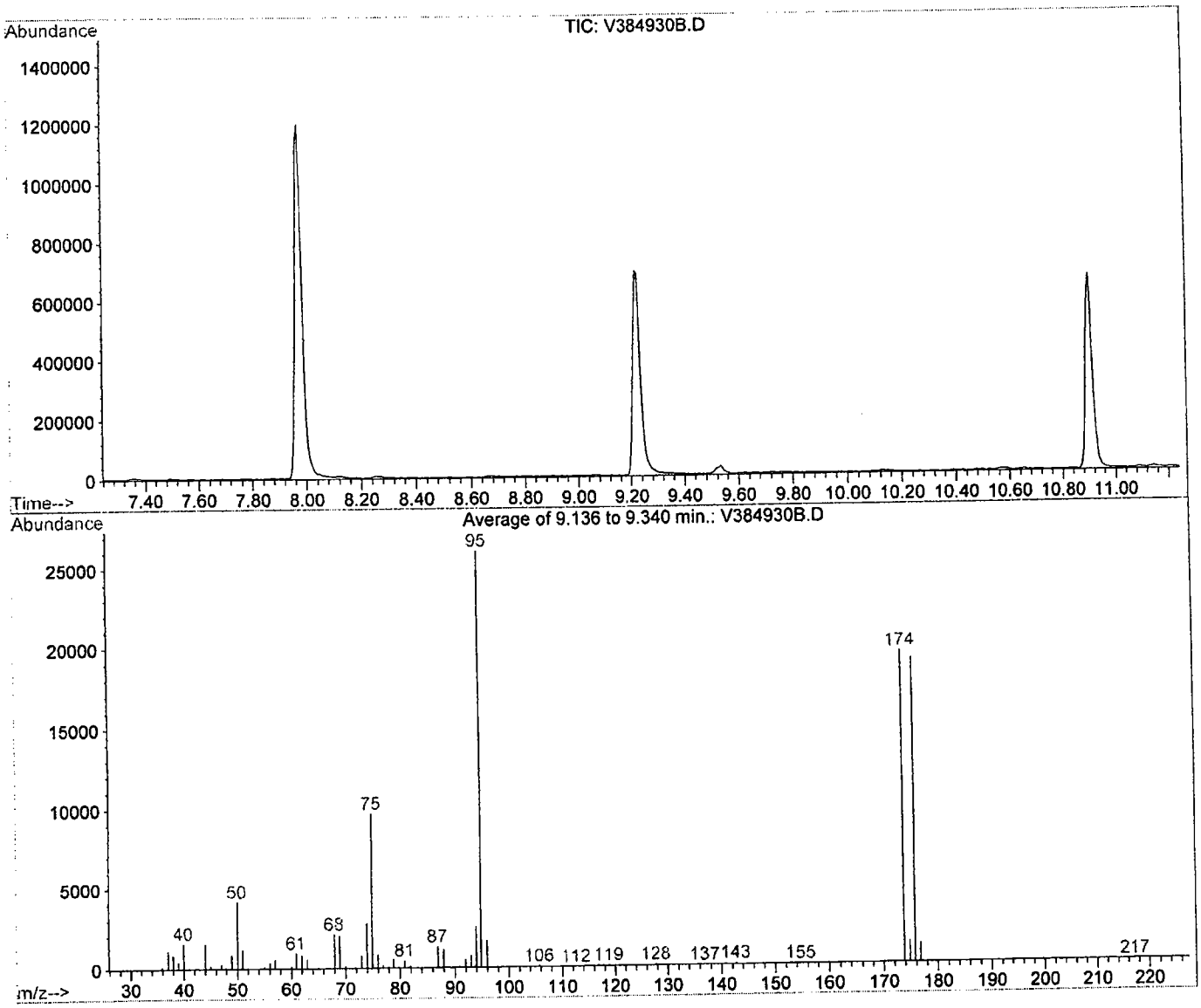
1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		BF20125-BS1	V385420L.D	06/06/12	04:00
2		BF20125-BSD1	V385422U.D	06/06/12	04:52
3		BF20125-BLK1	V385424B.D	06/06/12	05:42
4	WQ053012:1325NP2-10	12F0116-01	V385430W.D	06/06/12	08:16
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384930B.D Vial: 4
Acq On : 18 May 2012 1:03 pm Operator: SS
Sample : VOA METHOD BLANK STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260

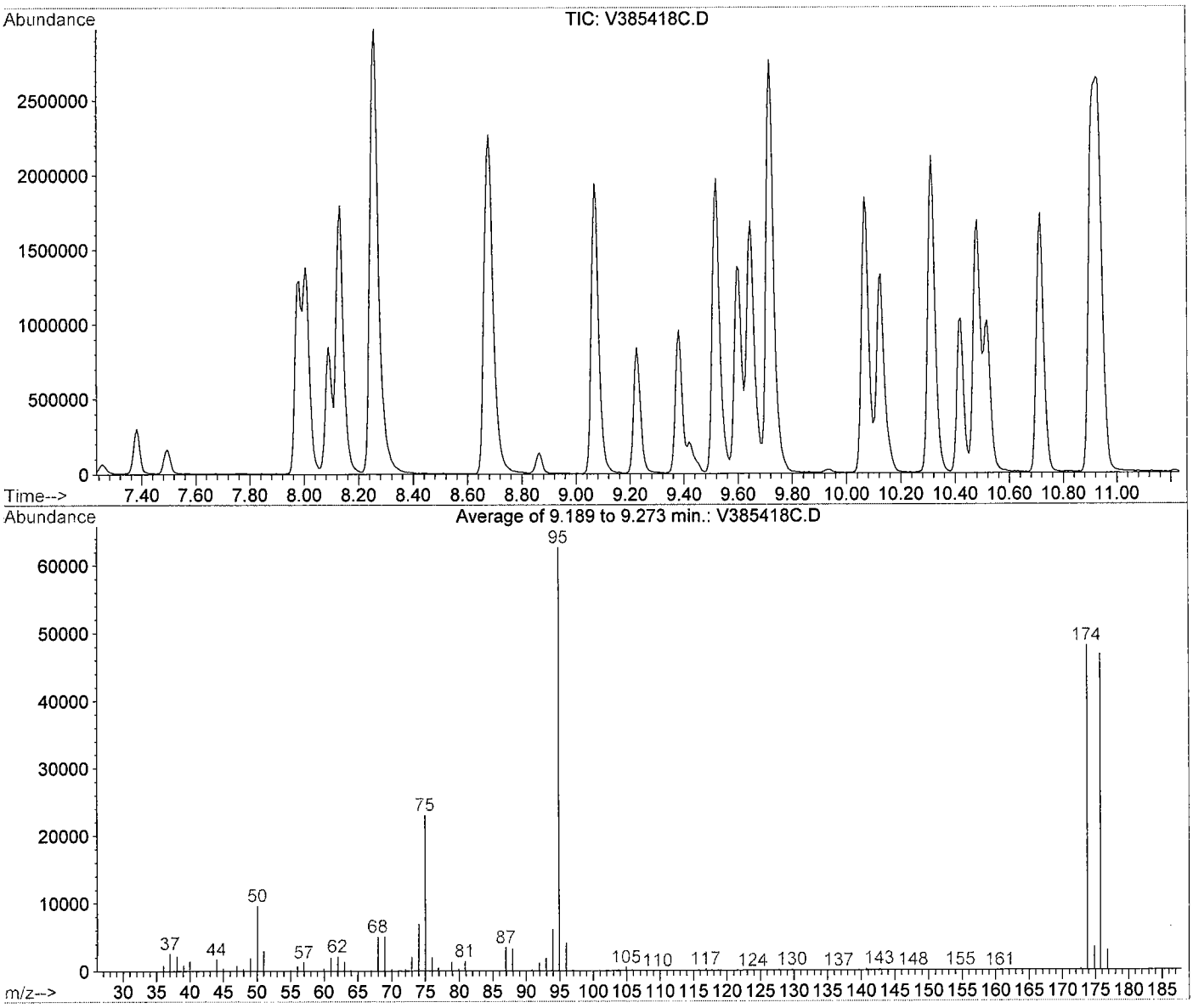


Spectrum Information: Average of 9.136 to 9.340 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	10	40	16.1	4215	PASS
75	95	30	66	37.3	9727	PASS
95	95	100	100	100.0	26108	PASS
96	95	5	9	6.4	1675	PASS
173	174	0.00	2	0.1	15	PASS
174	95	50	100	74.7	19494	PASS
175	174	5	9	6.7	1309	PASS
176	174	95	101	97.7	19047	PASS
177	176	5	9	6.2	1184	PASS

V384930B.D V3RCPB47.M Fri May 25 15:15:53 2012

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260



Spectrum Information: Average of 9.189 to 9.273 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	10	40	15.4	9675	PASS
75	95	30	66	36.8	23092	PASS
95	95	100	100	100.0	62710	PASS
96	95	5	9	6.6	4153	PASS
173	174	0.00	2	0.4	186	PASS
174	95	50	100	76.7	48087	PASS
175	174	5	9	7.1	3420	PASS
176	174	95	101	97.2	46734	PASS
177	176	5	9	6.3	2922	PASS

V385418C.D V3RCPB47.M Fri Jun 08 16:08:43 2012

Form 8A

Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc
Client: Leggette Brashears & Graham Shelton Office
Sequence: QBV3060512BB
Calibration: V3RCPB47
Lab File ID: V385418C.D

SDG No: 12F0116
Project: Rowe Industries
Instrument: VOA No. 3
Date Analyzed: 06/06/12
Time Analyzed: 03:09

	IS 1 (FBZ) Area	RT	IS 2 (CBZ) Area	RT	IS 3 (DCB) Area	RT
12 Hour Std	184396	5.05	834920	7.98	219285	10.90
Upper Limit	368792	5.55	1669840	8.48	438570	11.40
Lower Limit	92198	4.55	417460	7.48	109643	10.40
Client Sample ID						
BF20125-BS1	194795	5.05	866612	7.98	241440	10.91
BF20125-BSD1	186743	5.04	815902	7.98	217928	10.90
BF20125BLK1	205639	5.06	884391	7.98	237230	10.91
WQ053012:1325NP2-10	200768	5.05	848665	7.98	210592	10.91

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

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 Upper Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	0.055	0.50	ug/L
1,1,1-Trichloroethane	0.043	0.50	ug/L
1,1,2,2-Tetrachloroethane	0.078	0.50	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	0.072	0.50	ug/L
1,1,2-Trichloroethane	0.096	0.50	ug/L
1,1-Dichloroethane	0.056	0.50	ug/L
1,1-Dichloroethylene	0.057	0.50	ug/L
1,1-Dichloropropylene	0.077	0.50	ug/L
1,2,3-Trichlorobenzene	0.082	2.0	ug/L
1,2,3-Trichloropropane	0.26	0.50	ug/L
1,2,4-Trichlorobenzene	0.067	2.0	ug/L
1,2,4-Trimethylbenzene	0.063	0.50	ug/L
1,2-Dibromo-3-chloropropane	0.48	2.0	ug/L
1,2-Dibromoethane	0.096	0.50	ug/L
1,2-Dichlorobenzene	0.065	0.50	ug/L
1,2-Dichloroethane	0.072	0.50	ug/L
1,2-Dichloropropane	0.069	0.50	ug/L
1,3,5-Trimethylbenzene	0.038	0.50	ug/L
1,3-Dichlorobenzene	0.050	0.50	ug/L
1,3-Dichloropropane	0.074	0.50	ug/L
1,4-Dichlorobenzene	0.037	0.50	ug/L
2,2-Dichloropropane	0.057	0.50	ug/L
2-Chlorotoluene	0.090	0.50	ug/L
2-Hexanone	0.089	0.50	ug/L
4-Chlorotoluene	0.057	0.50	ug/L
Acetone	1.1	2.0	ug/L
Benzene	0.039	0.50	ug/L
Bromobenzene	0.079	0.50	ug/L
Bromochloromethane	0.092	0.50	ug/L
Bromodichloromethane	0.044	0.50	ug/L
Bromoform	0.10	0.50	ug/L
Bromomethane	0.19	0.50	ug/L
Carbon tetrachloride	0.045	0.50	ug/L
Chlorobenzene	0.028	0.50	ug/L
Chloroethane	0.094	0.50	ug/L
Chloroform	0.051	0.50	ug/L
Chloromethane	0.045	0.50	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
cis-1,2-Dichloroethylene	0.030	0.50	ug/L
cis-1,3-Dichloropropylene	0.060	0.50	ug/L
Dibromochloromethane	0.040	0.50	ug/L
Dibromomethane	0.046	0.50	ug/L
Dichlorodifluoromethane	0.12	0.50	ug/L
Ethyl Benzene	0.036	0.50	ug/L
Hexachlorobutadiene	0.052	0.50	ug/L
Isopropylbenzene	0.090	0.50	ug/L
Methyl tert-butyl ether (MTBE)	0.081	0.50	ug/L
Methylene chloride	0.12	2.0	ug/L
Naphthalene	0.040	2.0	ug/L
n-Butylbenzene	0.028	0.50	ug/L
n-Propylbenzene	0.075	0.50	ug/L
o-Xylene	0.031	0.50	ug/L
p- & m- Xylenes	0.086	1.0	ug/L
p-Isopropyltoluene	0.072	0.50	ug/L
sec-Butylbenzene	0.066	0.50	ug/L
Styrene	0.030	0.50	ug/L
tert-Butylbenzene	0.046	0.50	ug/L
Tetrachloroethylene	0.054	0.50	ug/L
Toluene	0.063	0.50	ug/L
trans-1,2-Dichloroethylene	0.055	0.50	ug/L
trans-1,3-Dichloropropylene	0.044	0.50	ug/L
Trichloroethylene	0.067	0.50	ug/L
Trichlorofluoromethane	0.035	0.50	ug/L
Vinyl Chloride	0.060	0.50	ug/L
Xylenes, Total	0.12	1.5	ug/L

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	12F0116-01	File ID:	V385430W.D
Sampled:	05/30/12 13:25	Prepared:	06/05/12 16:35	Analyzed:	06/06/12 08:16
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF20125	Sequence:		Calibration:	Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	2.0	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	2.0	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	2.0	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
67-64-1	Acetone	1	1.3	JB
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.16	J

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	12F0116-01	File ID:	V385430W.D
Sampled:	05/30/12 13:25	Prepared:	06/05/12 16:35	Analyzed:	06/06/12 08:16
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF20125	Sequence:		Calibration:	Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	0.39	JB
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
1330-20-7P/M	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.1	101	72.6 - 129	
p-Bromofluorobenzene	10.0	9.90	99.0	63.5 - 145	
Toluene-d8	10.0	10.2	102	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385430W.D Vial: 39
Acq On : 6 Jun 2012 8:16 am Operator: SS
Sample : 12F0116-01 Inst : VOA No. 3
Misc : QBV3060512B 8260LO ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:05 19112 Quant Results File: V3RCPB47.RE

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

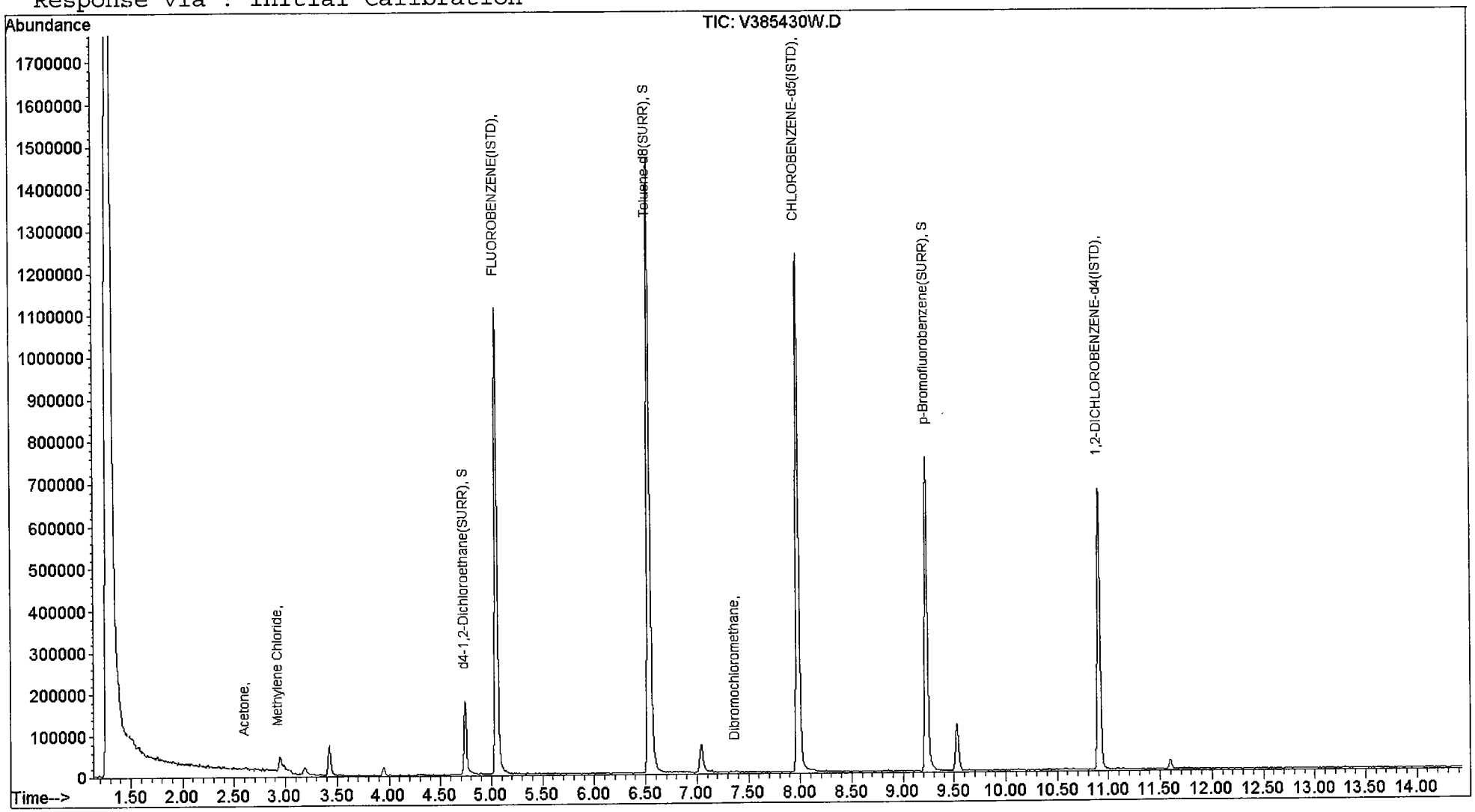
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	200768	10.00	ppb	0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	848665	10.00	ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.91	152	210592	10.00	ppb	0.00
System Monitoring Compounds						
31) d4-1,2-Dichloroethane(SURR	4.74	65	99281	10.09	ppb	0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 100.90%			
44) Toluene-d8(SURR)	6.53	98	1108637	10.17	ppb	0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 101.70%			
61) p-Bromofluorobenzene(SURR)	9.23	174	263489	9.90	ppb	0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 99.00%			
Target Compounds						Qvalue
16) Methylene Chloride	2.95	49	18563	0.39	ppb	# 65
19) Acetone	2.60	43	5971	1.26	ppb	# 87
51) Dibromochloromethane	7.38	129	2122	0.16	ppb	# 60

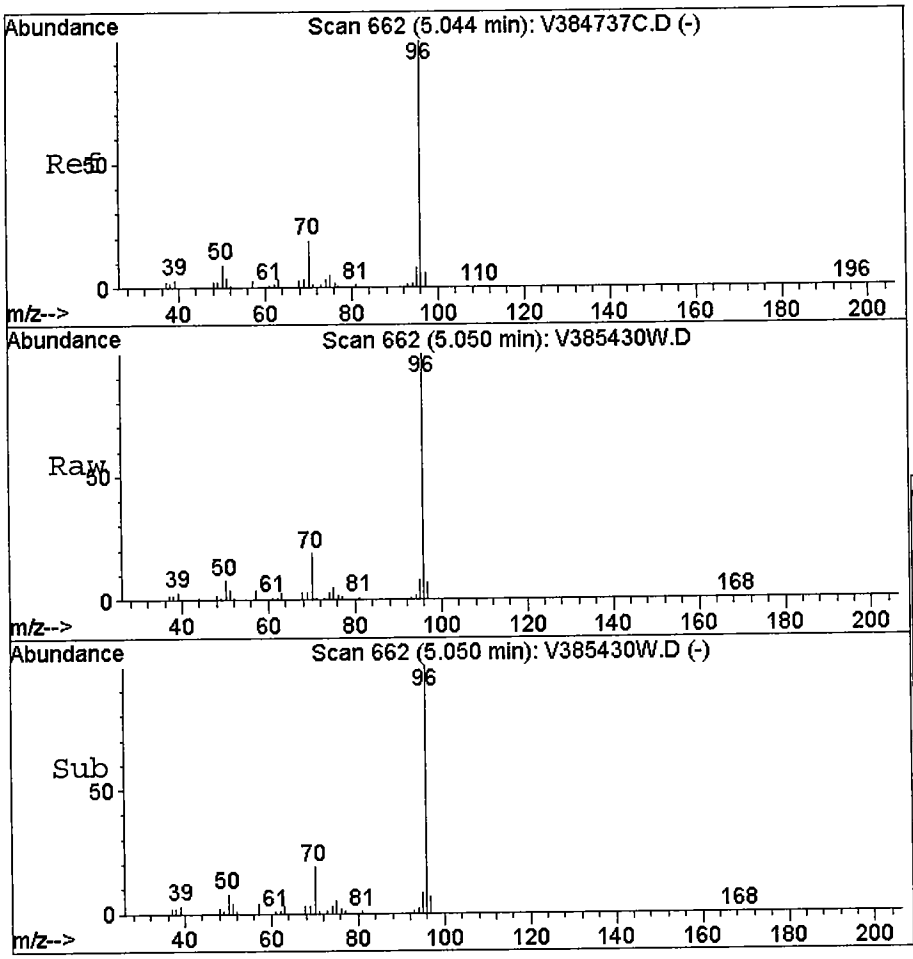
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385430W.D Vial: 39
Acq On : 6 Jun 2012 8:16 am Operator: SS
Sample : 12F0116-01 Inst : VOA No. 3
Misc : QBV3060512B 8260LO ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:05 19112 Quant Results File: V3RCPB47.RES

Method : G:\MSVOA3~1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

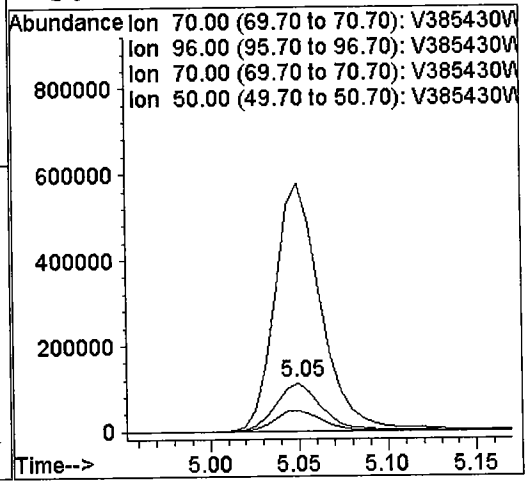


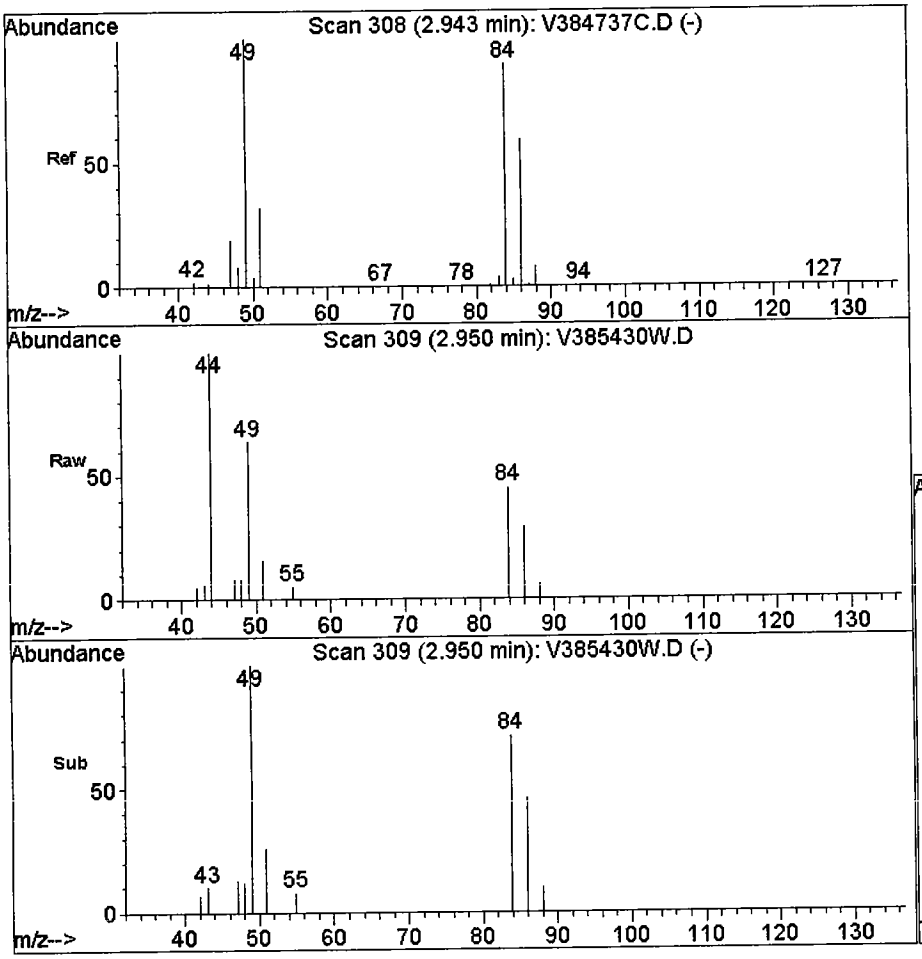


#1
FLUOROBENZENE(ISTD)
Concen: 10.00 ppb
RT: 5.05 min Scan# 662
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 70 Resp: 200768

Ion	Ratio	Lower	Upper
70	100		
96	515.2	414.8	622.2
70	100.0	80.0	120.0
50	0.0	0.0	0.0

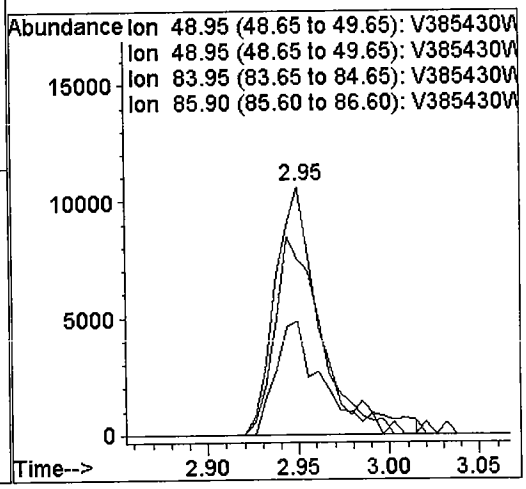


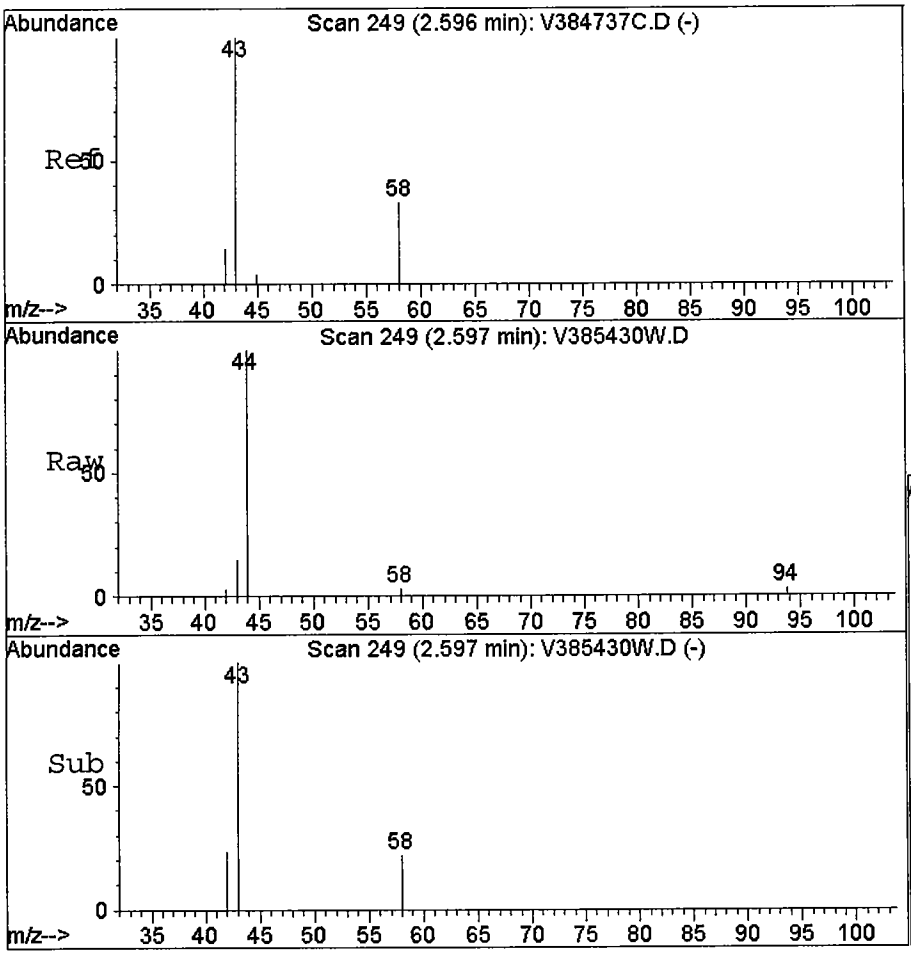


#16
Methylene Chloride
Concen: 0.39 ppb
RT: 2.95 min Scan# 309
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 49 Resp: 18563

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	0.0	68.4	102.6#
86	47.3	42.5	63.7

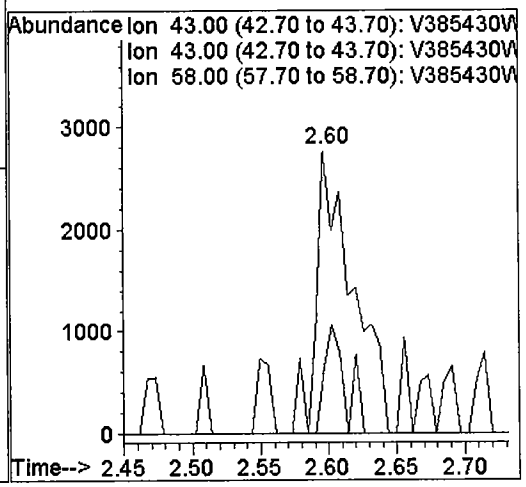


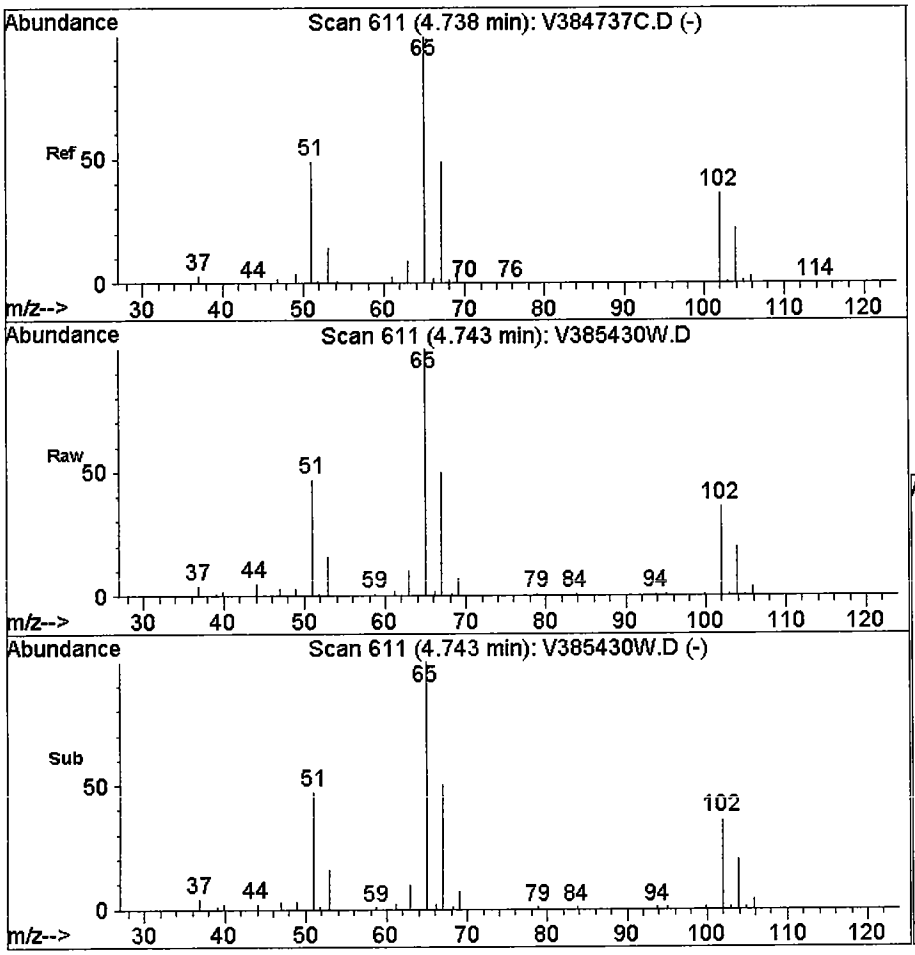


#19
Acetone
Concen: 1.26 ppb
RT: 2.60 min Scan# 249
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 43 Resp: 5971

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	24.0	36.0#

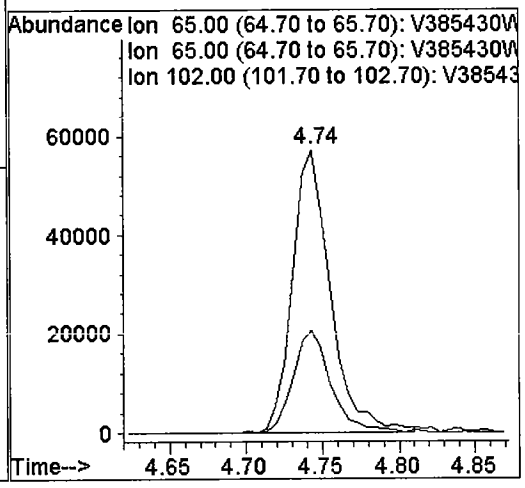


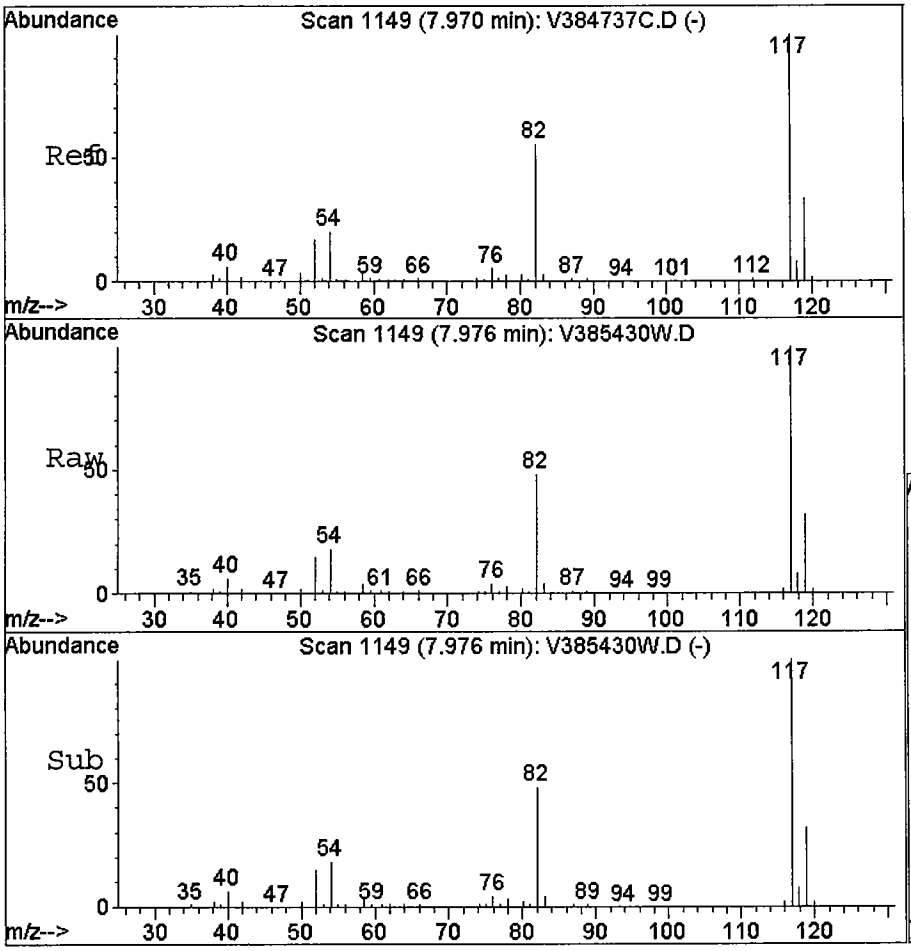


#31
d4-1,2-Dichloroethane(SURR)
Concen: 10.09 ppb
RT: 4.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 65 Resp: 99281

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	35.8	29.8	44.8

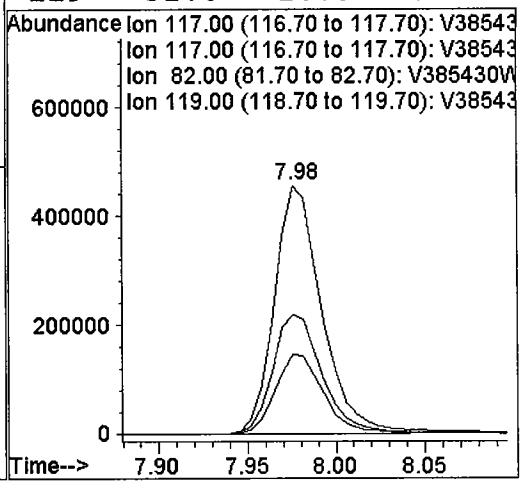


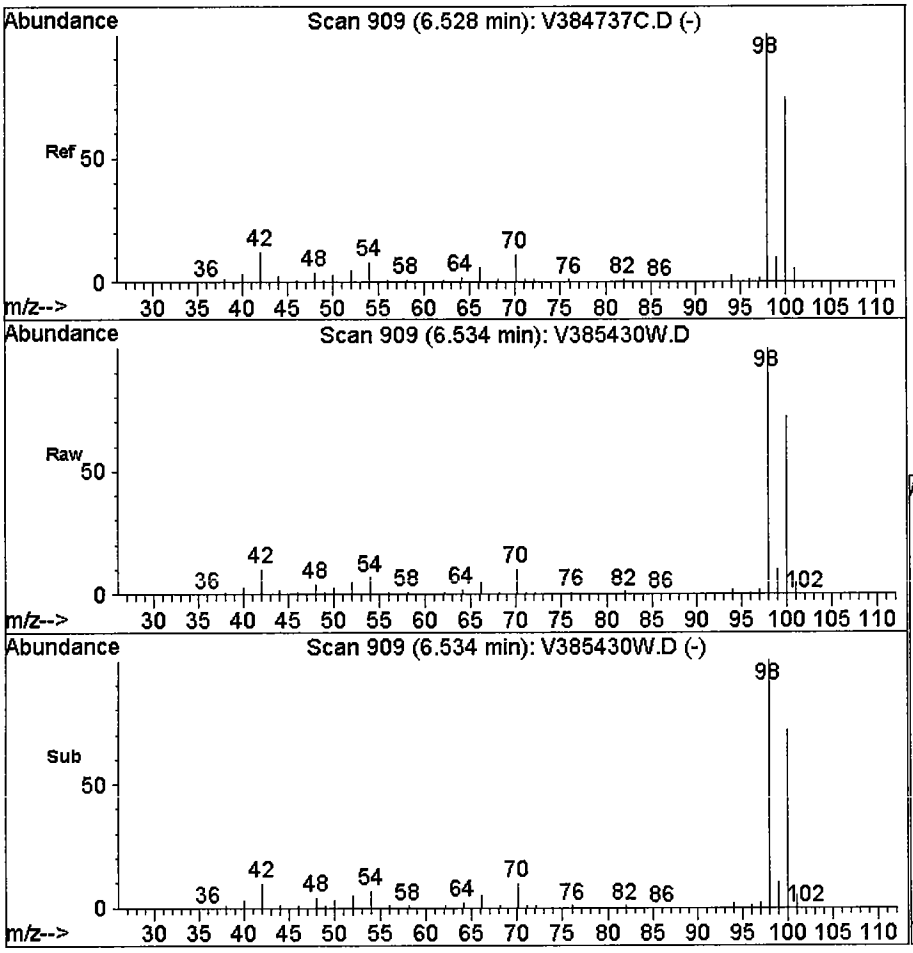


#35
CHLOROBENZENE-d5(ISTD)
Concen: 10.00 ppb
RT: 7.98 min Scan# 1149
Delta R.T. -0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:117 Resp: 848665

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.6	26.5	39.7

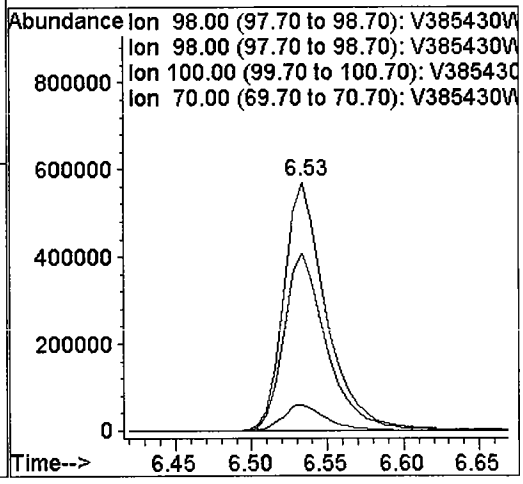


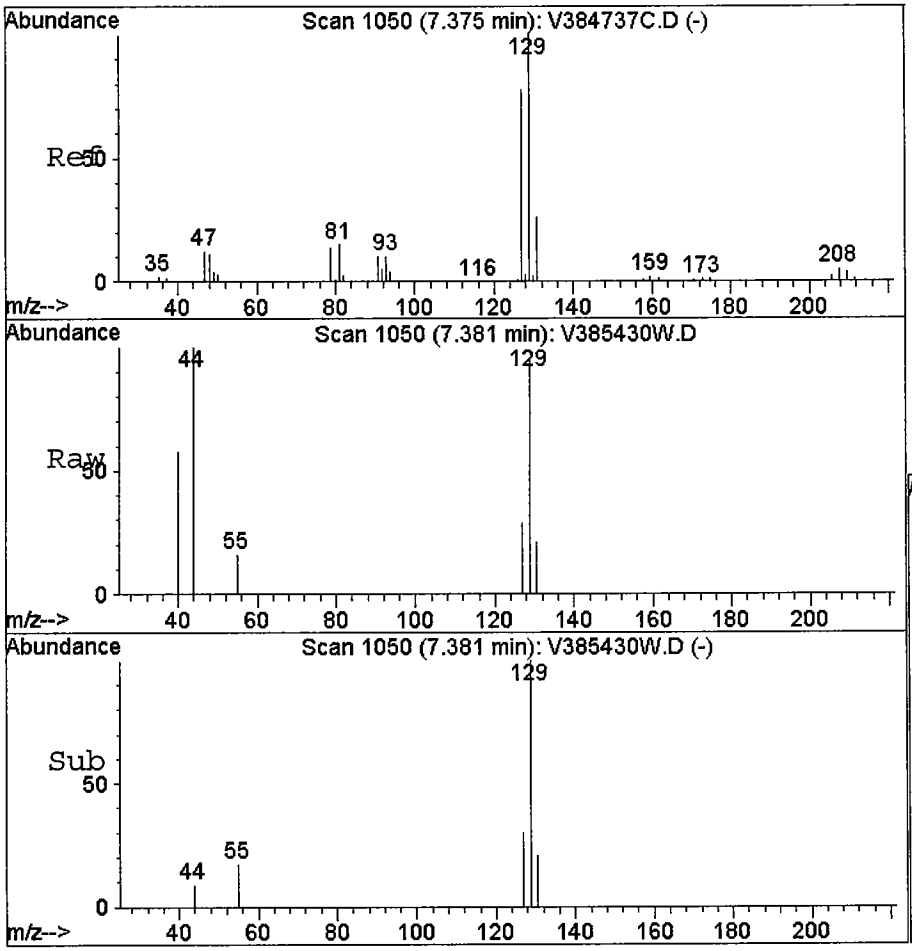


#44
Toluene-d8(SURR)
Concen: 10.17 ppb
RT: 6.53 min Scan# 909
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 98 Resp: 1108637

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	0.0	36.1	108.2#
70	10.5	0.0	0.0#

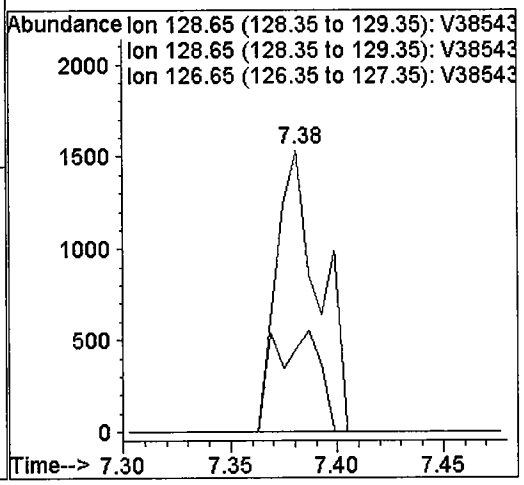


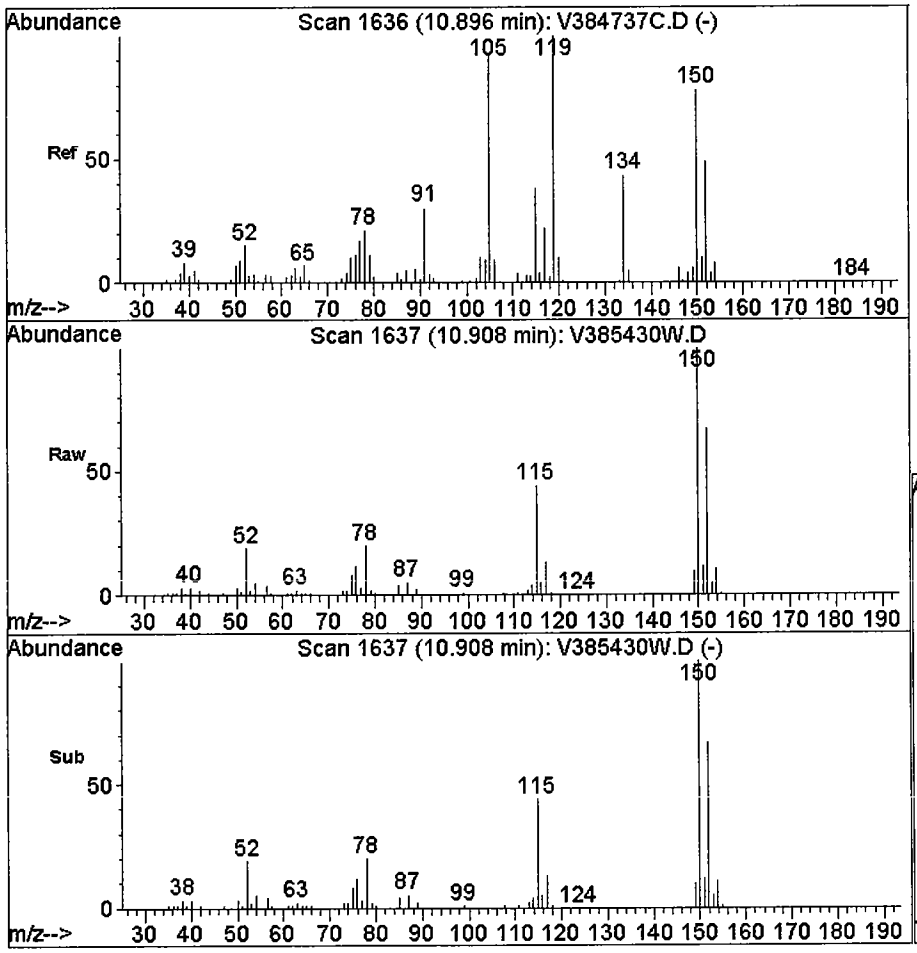


#51
Dibromochloromethane
Concen: 0.16 ppb
RT: 7.38 min Scan# 1050
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:129 Resp: 2122

Ion	Ratio	Lower	Upper
129	100		
129	100.0	80.0	120.0
127	0.0	63.2	94.8#

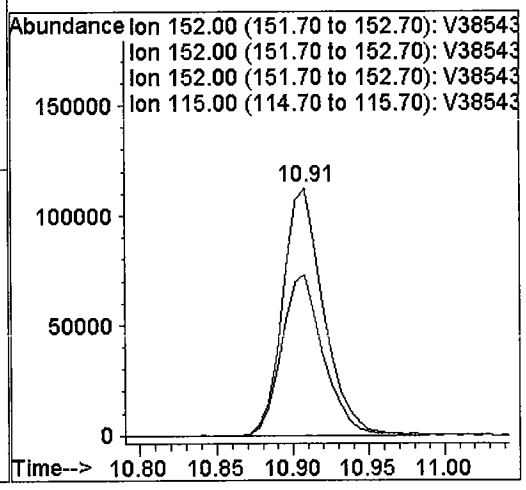


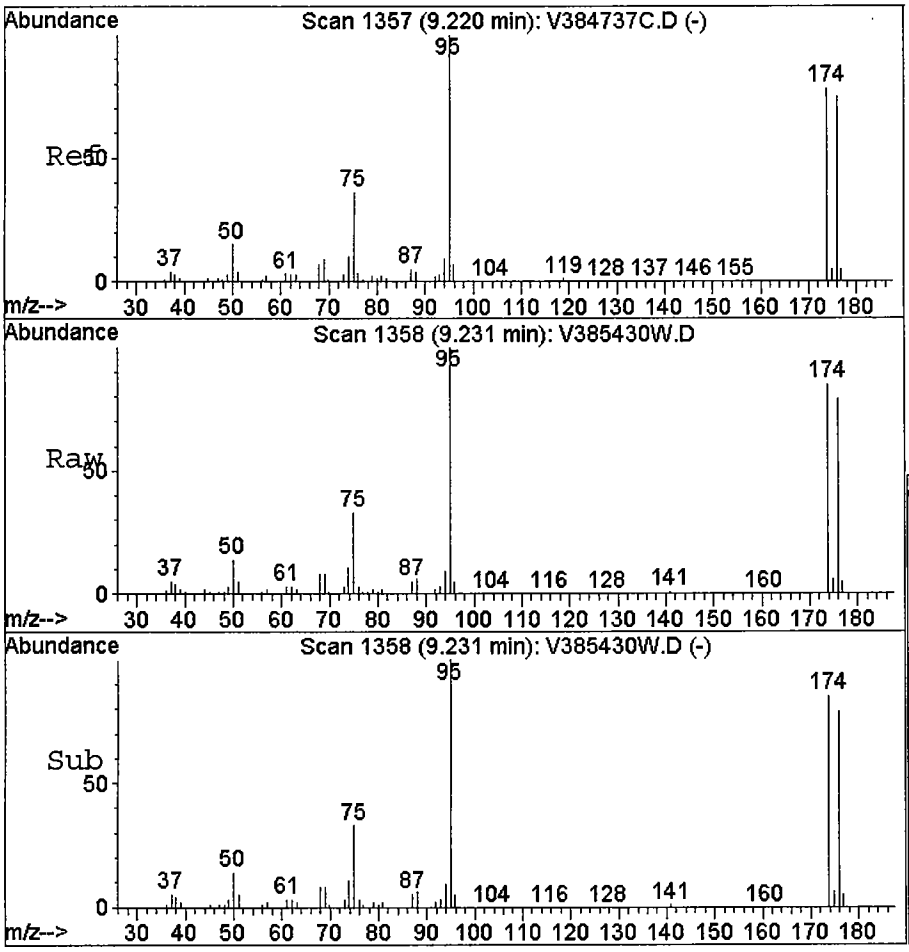


#59
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 10.00 ppb
RT: 10.91 min Scan# 1637
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:152 Resp: 210592

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	0.0	0.0

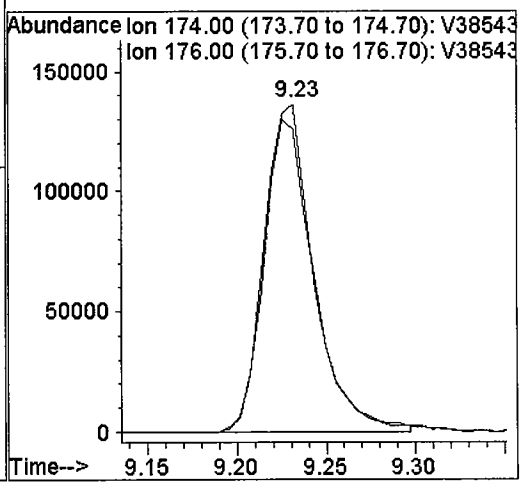




#61
p-Bromofluorobenzene(SURR)
Concen: 9.90 ppb
RT: 9.23 min Scan# 1358
Delta R.T. 0.01 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:174 Resp: 263489

Ion	Ratio	Lower	Upper
174	100		
176	96.5	76.5	114.7



Response Factor Report VOA No. 3

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

Calibration Files
.5 =V384932C.D 2.0 =V384934C.D 4.0 =V384936C.D
10.0 =V384938C.D 20 =V384940C.D 40 =V384942C.D

		Compound	.5	2.0	4.0	10.0	20	40	Avg	%RSD
1)		FLUOROBENZENE(ISTD)	ISTD							
2)		Dichlorodifluoromet	3.573	4.263	4.249	3.901	3.846	4.033	3.978	6.61
3)	P	Chloromethane	4.172	4.262	4.164	3.984	3.764	4.027	4.062	4.38
4)	C	Vinyl Chloride	3.652	4.058	4.147	3.958	3.798	3.866	3.913	4.60#
5)		Bromomethane	1.418	1.394	1.208	1.281	1.345	1.469	1.353	7.06
6)		Chloroethane	1.615	1.812	1.699	1.720	1.713	1.746	1.718	3.73
7)		Trichlorofluorometh	2.684	2.920	2.919	2.766	2.781	2.965	2.839	3.91
8)		Freon-113	2.166	2.505	2.367	2.224	2.267	2.288	2.303	5.19
9)	C,M	1,1-Dichloroethylen	2.572	2.400	2.559	2.504	2.492	2.439	2.495	2.67#
10)		Acrolien		0.049	0.050	0.059	0.063	0.083	0.061	22.52
11)		Iodomethane		0.629	1.012	1.287	1.437	1.317	1.136	28.47
12)		Methyl Acetate		0.205	0.192	0.200	0.201	0.239	0.207	8.70
13)		Ethyl Ether	0.617	0.537	0.526	0.556	0.560	0.657	0.575	8.79
14)		trans-1,2-Dichloroe	2.220	1.959	2.067	2.075	2.144	2.207	2.112	4.67
15)		Carbon Disulfide	6.068	5.551	5.953	6.094	6.258	6.317	6.040	4.53
16)		Methylene Chloride		4.005	2.767	1.881	1.624	1.563	2.368	43.67
17)		Acrylonitrile		0.083	0.098	0.092	0.099	0.118	0.098	12.90
18)		tert-Butyl Methyl E	0.921	0.825	0.847	0.899	0.962	1.132	0.931	11.84
19)		Acetone		0.428	0.319	0.176	0.140	0.116	0.236	56.52
20)	P	1,1-Dichloroethane	3.258	2.873	3.028	3.164	3.159	3.254	3.123	4.75
21)		Vinyl Acetate	1.052	0.919	0.901	1.020	1.055	1.293	1.040	13.51
22)		cis-1,2-Dichloroeth	1.916	1.812	1.865	1.930	1.975	2.056	1.926	4.41
23)		2-Butanone		0.026	0.031	0.052	0.044	0.055	0.042#	30.57
24)		2,2-Dichloropropane	1.863	1.866	2.115	2.240	2.277	2.454	2.136	11.08
25)		Bromochloromethane	0.753	0.711	0.717	0.791	0.810	0.877	0.776	8.10
26)	C	Chloroform	2.604	2.251	2.475	2.563	2.572	2.755	2.537	6.59#
27)		Tetrahydrofuran		0.025	0.034	0.034	0.039	0.047	0.036#	22.55
28)		1,1-Dichloropropyle	2.625	2.448	2.564	2.465	2.674	2.524	2.550	3.49
29)		1,1,1-Trichloroetha	2.765	2.447	2.665	2.748	2.749	2.954	2.721	6.06
30)		Cyclohexane	4.744	5.144	4.757	4.593	4.570	4.503	4.719	4.90
31)	S	d4-1,2-Dichloroetha	0.469	0.475	0.492	0.481	0.489	0.536	0.490	4.84
32)		Carbon Tetrachlorid	2.075	1.941	2.194	2.160	2.355	2.270	2.166	6.72
33)		1,2-Dichloroethane	0.898	0.738	0.788	0.809	0.799	0.890	0.820	7.56
34)	M	Benzene	7.550	6.507	6.787	7.019	6.903	6.815	6.930	5.02
35)		CHLOROBENZENE-d5(ISTD	ISTD							
36)	M	Trichloroethylene	0.501	0.483	0.475	0.497	0.492	0.488	0.489	1.95
37)		Methyl Cyclohexane	1.046	1.149	1.032	1.019	1.011	0.965	1.037	5.92
38)		Dibromomethane	0.109	0.085	0.095	0.105	0.105	0.113	0.102	10.03
39)		Methyl Methacrylate		0.058	0.056	0.068	0.067	0.080	0.066	14.13
40)		Bromodichloromethan	0.256	0.272	0.277	0.310	0.318	0.346	0.297	11.40
41)	C	1,2-Dichloropropane	0.336	0.307	0.300	0.315	0.313	0.310	0.313	3.92#
42)		cis-1,3-Dichloropro	0.324	0.326	0.345	0.374	0.391	0.425	0.364	11.01
43)		2-Hexanone		0.040	0.055	0.054	0.056	0.065	0.054	17.05
44)	S	Toluene-d8(SURR)	1.299	1.276	1.280	1.302	1.287	1.265	1.285	1.11
45)	C,M	Toluene	1.795	1.632	1.621	1.665	1.648	1.608	1.661	4.11#
46)		trans-1,3-Dichlorop	0.171	0.169	0.187	0.218	0.231	0.265	0.207	18.29
47)		1,1,2-Trichloroetha	0.114	0.116	0.109	0.121	0.126	0.133	0.120	7.26
48)		1,3-Dichloropropane	0.244	0.248	0.227	0.241	0.241	0.252	0.242	3.48
49)		Tetrachloroethylene	0.578	0.505	0.503	0.515	0.524	0.512	0.523	5.33
50)		4-Methyl-2-Pentanon	0.080	0.082	0.085	0.090	0.087	0.109	0.089	11.69
51)		Dibromochloromethan	0.130	0.141	0.144	0.170	0.180	0.202	0.161	16.92
52)		1,2-Dibromoethane	0.113	0.131	0.124	0.137	0.136	0.148	0.131	9.20

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

Calibration Files
.5 =V384932C.D 2.0 =V384934C.D 4.0 =V384936C.D
10.0 =V384938C.D 20 =V384940C.D 40 =V384942C.D

		Compound	.5	2.0	4.0	10.0	20	40	Avg	%RSD
53)	P,M	Chlorobenzene	0.972	0.918	0.906	0.959	0.957	0.968	0.947	2.93
54)	C	Ethyl Benzene	1.960	1.728	1.704	1.780	1.756	1.684	1.769	5.65#
55)		p- & m-Xylenes	1.503	1.337	1.308	1.333	1.289	1.157	1.321	8.42
56)		o-Xylene	1.398	1.231	1.231	1.263	1.224	1.183	1.255	5.94
57)		Styrene	0.957	0.857	0.850	0.892	0.887	0.905	0.891	4.31
58)		1,1,1,2-Tetrachloro	0.240	0.247	0.236	0.270	0.270	0.284	0.258	7.48
59)		1,2-DICHLOROBENZENE-d	ISTD							
60)	p	Bromoform	0.211	0.206	0.226	0.275	0.327	0.372	0.269	25.33
61)	S	p-Bromofluorobenzen	1.236	1.239	1.201	1.292	1.318	1.299	1.264	3.58
62)	P	1,1,2,2-Tetrachloro	0.642	0.562	0.518	0.557	0.595	0.605	0.580	7.49
63)		1,2,3-Trichloroprop	0.132	0.126	0.126	0.144	0.146	0.160	0.139	9.56
64)		Isopropylbenzene	8.587	7.379	7.465	7.704	7.813	7.147	7.683	6.54
65)		1,2-Dibromo-3-Chlor		0.042	0.041	0.053	0.064	0.066	0.053	21.65
66)		Bromobenzene	2.140	1.778	1.722	1.892	1.900	1.932	1.894	7.66
67)		trans-1,4-Dichloro-	0.555	0.447	0.486	0.517	0.580	0.611	0.533	11.50
68)		n-Propylbenzene	9.513	8.687	8.791	9.168	9.481	8.466	9.018	4.83
69)		2-Chlorotoluene	5.347	4.600	4.657	4.787	5.034	4.772	4.866	5.73
70)		4-Chlorotoluene	5.232	4.429	4.455	4.323	4.343	3.990	4.462	9.24
71)		tert-Butylbenzene	6.459	5.469	5.473	5.940	6.046	5.489	5.812	6.99
72)		1,3,5-trimethylbenz	6.487	5.561	5.253	5.494	5.379	4.918	5.515	9.56
73)		1,2,4-trimethylbenz	5.177	4.227	4.274	4.535	4.660	4.471	4.557	7.55
74)		sec-Butylbenzene	9.536	8.748	8.544	8.726	8.896	8.025	8.746	5.62
75)		1,3-Dichlorobenzene	2.499	2.111	2.122	2.254	2.408	2.320	2.286	6.77
76)		1,4-Dichlorobenzene	2.110	1.958	1.824	1.988	2.099	1.994	1.996	5.25
77)		1,2-Dichlorobenzene	1.775	1.501	1.495	1.568	1.657	1.582	1.596	6.62
78)		p-Isopropyltoluene	6.102	5.648	5.661	5.905	6.122	5.643	5.847	3.90
79)		n-Butylbenzene	6.073	5.183	5.327	5.699	6.079	5.486	5.641	6.70
80)		1,2,4-Trichlorobenz	0.468	0.475	0.551	0.698	0.867	0.939	0.666	30.41
81)		Naphthalene		0.381	0.417	0.524	0.648	0.816	0.557	32.04
82)		Hexachloro-1,3-Buta	0.728	0.625	0.683	0.694	0.850	0.778	0.726	10.88
83)		1,2,3-Trichlorobenz	0.332	0.295	0.360	0.439	0.559	0.605	0.432	29.28

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384932C.D Vial: 6
Acq On : 18 May 2012 1:48 pm Operator: SS
Sample : 0.5 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:29 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	204852	10.00 ppb	0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	873990	10.00 ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	211277	10.00 ppb	0.00
System Monitoring Compounds					
31) d4-1,2-Dichloroethane(SURR	4.74	65	96159	8.98 ppb	-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 89.80%		
44) Toluene-d8(SURR)	6.53	98	1135742	9.74 ppb	0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 97.40%		
61) p-Bromofluorobenzene(SURR)	9.23	174	261237	9.83 ppb	0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 98.30%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.39	85	36597	0.47 ppb	97
3) Chloromethane	1.52	50	42737	0.58 ppb	100
4) Vinyl Chloride	1.61	62	37403	0.54 ppb	99
5) Bromomethane	1.86	94	14525	0.64 ppb #	88
6) Chloroethane	1.94	64	16541	0.48 ppb	98
7) Trichlorofluoromethane	2.14	101	27494	0.46 ppb	99
8) Freon-113	2.56	101	22188	0.46 ppb	98
9) 1,1-Dichloroethylene	2.55	61	26349	0.51 ppb	97
12) Methyl Acetate	2.88	43	2821	0.70 ppb #	89
13) Ethyl Ether	2.38	59	6319	0.60 ppb	92
14) trans-1,2-Dichloroethylene	3.18	61	22739	0.53 ppb	97
15) Carbon Disulfide	2.73	76	62157	0.53 ppb	100
16) Methylene Chloride	2.95	49	113780	3.69 ppb	100
18) tert-Butyl Methyl Ether (M	3.20	73	9438	0.55 ppb #	64
19) Acetone	2.61	43	12277	3.83 ppb #	100
20) 1,1-Dichloroethane	3.53	63	33367	0.54 ppb	100
21) Vinyl Acetate	3.59	43	10773	0.57 ppb #	97
22) cis-1,2-Dichloroethylene	4.04	96	19626	0.52 ppb #	98
24) 2,2-Dichloropropane	4.02	77	19079	0.40 ppb	98
25) Bromochloromethane	4.23	49	7714	0.52 ppb	99
26) Chloroform	4.31	83	26671	0.51 ppb	96
28) 1,1-Dichloropropylene	4.62	75	26884	0.44 ppb	98
29) 1,1,1-Trichloroethane	4.47	97	28323	0.48 ppb	97
30) Cyclohexane	4.53	56	48593	0.51 ppb #	89
32) Carbon Tetrachloride	4.62	117	21252	0.42 ppb	98
33) 1,2-Dichloroethane	4.82	62	9193	0.53 ppb #	87
34) Benzene	4.80	78	77330	0.58 ppb #	94
36) Trichloroethylene	5.39	95	21893	0.48 ppb	94
37) Methyl Cyclohexane	5.57	83	45698	0.47 ppb #	100
38) Dibromomethane	5.70	93	4742	0.52 ppb #	63
39) Methyl Methacrylate	5.71	69	3478	0.60 ppb #	87
40) Bromodichloromethane	5.84	83	11201	0.39 ppb	97
41) 1,2-Dichloropropane	5.58	63	14687	0.54 ppb	99
42) cis-1,3-Dichloropropene	6.27	75	14144	0.45 ppb #	96
43) 2-Hexanone	7.26	43	2933	0.63 ppb #	70
45) Toluene	6.60	91	78424	0.51 ppb	100
46) trans-1,3-Dichloropropene	6.81	75	7475	0.42 ppb #	78
47) 1,1,2-Trichloroethane	6.99	83	4960	0.47 ppb	92

(#) = qualifier out of range (m) = manual integration
V384932C.D V3RCPB47.M Fri May 25 15:15:59 2012

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384932C.D Vial: 6
Acq On : 18 May 2012 1:48 pm Operator: SS
Sample : 0.5 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:29 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

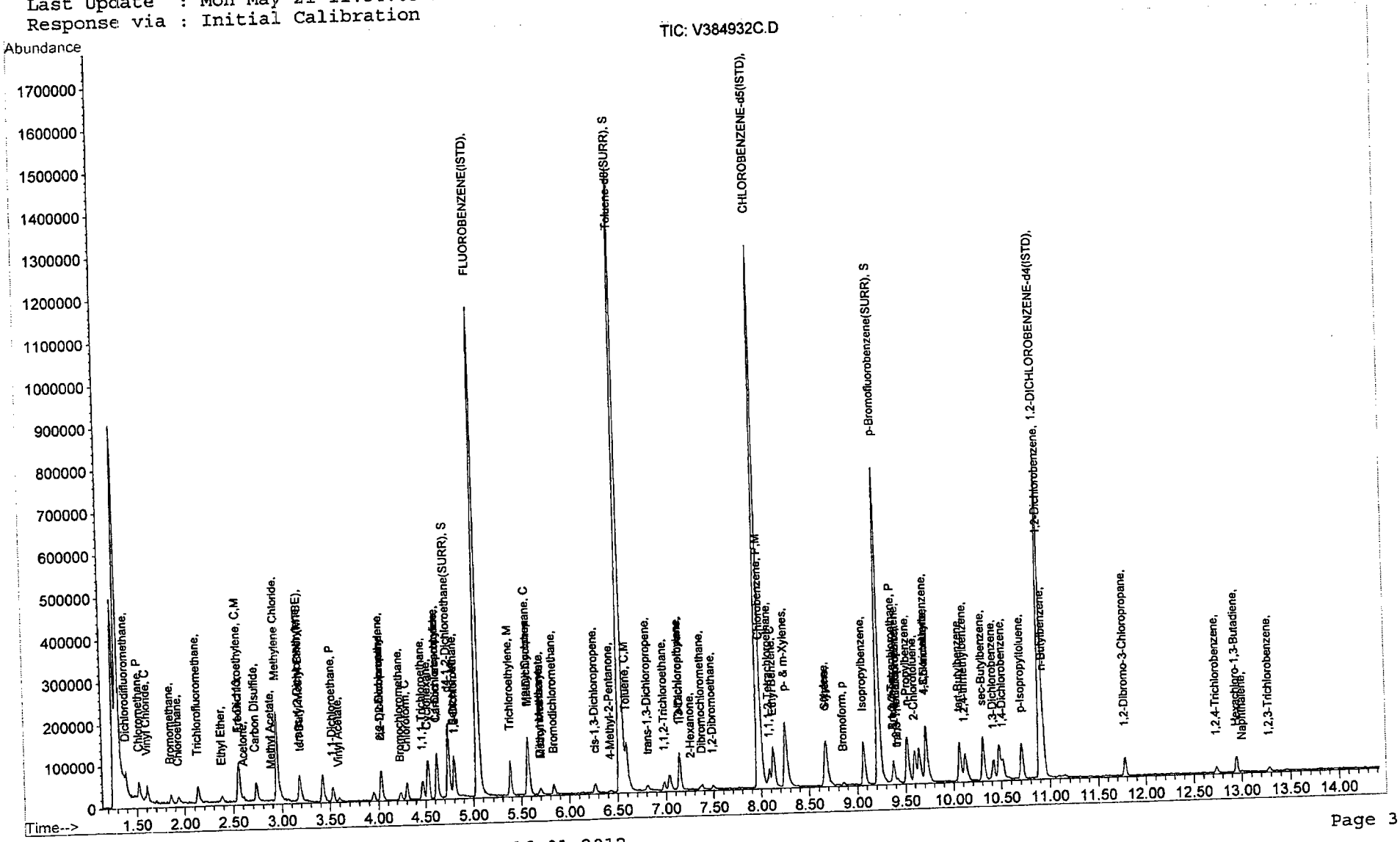
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48) 1,3-Dichloropropane	7.15	76	10652	0.51	ppb	#	86
49) Tetrachloroethylene	7.14	166	25244	0.53	ppb		99
50) 4-Methyl-2-Pentanone	6.43	43	3478	0.42	ppb		97
51) Dibromochloromethane	7.37	129	5696	0.38	ppb		99
52) 1,2-Dibromoethane	7.49	107	4925	0.43	ppb		100
53) Chlorobenzene	8.01	112	42490	0.51	ppb		98
54) Ethyl Benzene	8.13	91	85671	0.52	ppb		100
55) p- & m-Xylenes	8.25	91	131402	1.07	ppb		98
56) o-Xylene	8.67	91	61089	0.54	ppb		100
57) Styrene	8.68	104	41823	0.55	ppb		98
58) 1,1,1,2-Tetrachloroethane	8.08	131	10493	0.46	ppb	#	73
60) Bromoform	8.85	173	2224	0.38	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	6782	0.57	ppb	#	97
63) 1,2,3-Trichloropropane	9.42	110	1390	0.43	ppb		44
64) Isopropylbenzene	9.07	105	90715	0.55	ppb	#	99
65) 1,2-Dibromo-3-Chloropropan	11.79	75	445	0.38	ppb	#	35
66) Bromobenzene	9.38	77	22608	0.57	ppb		97
67) trans-1,4-Dichloro-2-buten	9.42	75	5868	0.53	ppb	#	96
68) n-Propylbenzene	9.51	91	100495	0.51	ppb		99
69) 2-Chlorotoluene	9.60	91	56489	0.53	ppb		99
70) 4-Chlorotoluene	9.72	91	55267	0.57	ppb		100
71) tert-Butylbenzene	10.07	119	68227	0.55	ppb	#	90
72) 1,3,5-trimethylbenzene	9.71	105	68530	0.57	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	54691	0.55	ppb		97
74) sec-Butylbenzene	10.31	105	100733	0.53	ppb		99
75) 1,3-Dichlorobenzene	10.42	146	26399	0.54	ppb	#	68
76) 1,4-Dichlorobenzene	10.52	146	22293	0.52	ppb	#	96
77) 1,2-Dichlorobenzene	10.92	146	18750	0.55	ppb	#	93
78) p-Isopropyltoluene	10.71	119	64461	0.50	ppb		100
79) n-Butylbenzene	10.94	91	64153	0.51	ppb	#	78
80) 1,2,4-Trichlorobenzene	12.73	180	4940	0.32	ppb	#	82
81) Naphthalene	13.01	128	3659	0.31	ppb	#	97
82) Hexachloro-1,3-Butadiene	12.95	225	7695	0.43	ppb	#	100
83) 1,2,3-Trichlorobenzene	13.28	182	3512	0.34	ppb	#	93

(#) = qualifier out of range (m) = manual integration
V384932C.D V3RCPB47.M Fri May 25 15:15:59 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384932C.D Vial: 6
Acq On : 18 May 2012 1:48 pm Operator: SS
Sample : 0.5 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:29 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



V384932C.D V3RCPB47.M Fri May 25 15:16:01 2012

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384934C.D Vial: 8
Acq On : 18 May 2012 2:33 pm Operator: SS
Sample : 2 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:30 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	203029	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	861438	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	212911	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	96509	9.09	ppb		-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 90.90%				
44) Toluene-d8(SURR)	6.53	98	1099043	9.56	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 95.60%				
61) p-Bromofluorobenzene(SURR)	9.22	174	263766	9.85	ppb		-0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 98.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	173111	2.22	ppb		99
3) Chloromethane	1.52	50	173043	2.37	ppb		100
4) Vinyl Chloride	1.61	62	164770	2.40	ppb		100
5) Bromomethane	1.85	94	56617	2.50	ppb		91
6) Chloroethane	1.93	64	73564	2.14	ppb		98
7) Trichlorofluoromethane	2.14	101	118554	1.99	ppb		99
8) Freon-113	2.56	101	101714	2.14	ppb		98
9) 1,1-Dichloroethylene	2.55	61	97474	1.89	ppb		100
10) Acrolien	2.47	56	1974m	1.73	ppb		
11) Iodomethane	2.68	142	25545	0.81	ppb		99
12) Methyl Acetate	2.88	43	8324	2.07	ppb	#	98
13) Ethyl Ether	2.38	59	21805	2.09	ppb	#	69
14) trans-1,2-Dichloroethylene	3.18	61	79552	1.88	ppb		99
15) Carbon Disulfide	2.74	76	225390	1.95	ppb		100
16) Methylene Chloride	2.95	49	162630	5.32	ppb		98
17) Acrylonitrile	3.16	53	3380	1.89	ppb	#	93
18) tert-Butyl Methyl Ether (M	3.20	73	33505	1.96	ppb	#	92
19) Acetone	2.61	43	17371	5.47	ppb	#	100
20) 1,1-Dichloroethane	3.53	63	116648	1.91	ppb		100
21) Vinyl Acetate	3.59	43	37306	2.00	ppb		99
22) cis-1,2-Dichloroethylene	4.03	96	73590	1.97	ppb	#	100
23) 2-Butanone	4.06	72	1053	1.45	ppb	#	1
24) 2,2-Dichloropropane	4.03	77	75759	1.59	ppb		100
25) Bromochloromethane	4.23	49	28878	1.98	ppb		98
26) Chloroform	4.31	83	91390	1.77	ppb		100
27) Tetrahydrofuran	4.30	71	1003m	1.45	ppb		
28) 1,1-Dichloropropylene	4.62	75	99403	1.63	ppb		99
29) 1,1,1-Trichloroethane	4.47	97	99346	1.71	ppb		100
30) Cyclohexane	4.53	56	208896	2.20	ppb		98
32) Carbon Tetrachloride	4.62	117	78830	1.56	ppb		100
33) 1,2-Dichloroethane	4.81	62	29979	1.74	ppb		99
34) Benzene	4.80	78	264214	2.00	ppb		99
36) Trichloroethylene	5.39	95	83134	1.86	ppb		98
37) Methyl Cyclohexane	5.57	83	197916	2.08	ppb	#	100
38) Dibromomethane	5.69	93	14650	1.61	ppb		96
39) Methyl Methacrylate	5.70	69	10072	1.76	ppb		99
40) Bromodichloromethane	5.84	83	46891	1.68	ppb		99
41) 1,2-Dichloropropane	5.58	63	52807	1.96	ppb	#	87

(#) = qualifier out of range (m) = manual integration
V384934C.D V3RCPB47.M Fri May 25 15:16:10 2012

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384934C.D Vial: 8
Acq On : 18 May 2012 2:33 pm Operator: SS
Sample : 2 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:30 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

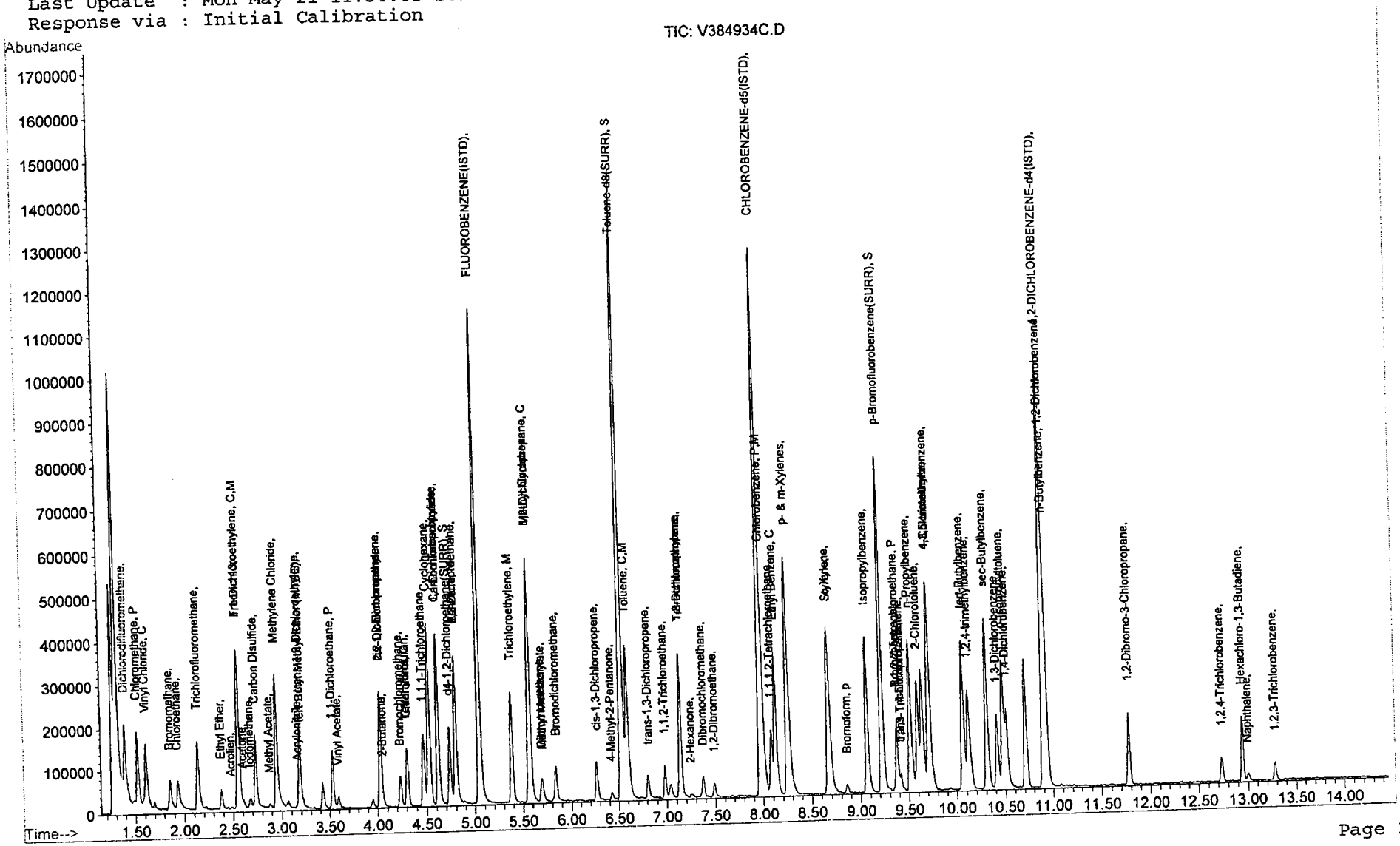
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.27	75	56100	1.80	ppb		99
43) 2-Hexanone	7.26	43	6840	1.49	ppb		98
45) Toluene	6.59	91	281117	1.86	ppb		100
46) trans-1,3-Dichloropropene	6.80	75	29086	1.65	ppb	#	94
47) 1,1,2-Trichloroethane	6.98	83	19966	1.93	ppb		98
48) 1,3-Dichloropropane	7.15	76	42677	2.07	ppb	#	99
49) Tetrachloroethylene	7.14	166	87059	1.85	ppb		100
50) 4-Methyl-2-Pentanone	6.42	43	14156	1.72	ppb		96
51) Dibromochloromethane	7.38	129	24300	1.66	ppb		99
52) 1,2-Dibromoethane	7.49	107	22516	1.99	ppb		95
53) Chlorobenzene	8.00	112	158174	1.92	ppb		100
54) Ethyl Benzene	8.13	91	297788	1.83	ppb		100
55) p- & m-Xylenes	8.25	91	460814	3.80	ppb		100
56) o-Xylene	8.67	91	212022	1.89	ppb		100
57) Styrene	8.69	104	147663	1.96	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.08	131	42619	1.89	ppb		93
60) Bromoform	8.87	173	8756	1.49	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	23932	2.00	ppb	#	69
63) 1,2,3-Trichloropropane	9.42	110	5383	1.67	ppb		80
64) Isopropylbenzene	9.07	105	314193	1.89	ppb	#	100
65) 1,2-Dibromo-3-Chloropropan	11.78	75	1808	1.55	ppb	#	89
66) Bromobenzene	9.38	77	75720	1.91	ppb		98
67) trans-1,4-Dichloro-2-buten	9.42	75	19017	1.70	ppb	#	96
68) n-Propylbenzene	9.51	91	369919	1.85	ppb		100
69) 2-Chlorotoluene	9.59	91	195881	1.84	ppb		100
70) 4-Chlorotoluene	9.71	91	188604	1.94	ppb		99
71) tert-Butylbenzene	10.07	119	232866	1.87	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	236786	1.96	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	179984	1.80	ppb		100
74) sec-Butylbenzene	10.31	105	372507	1.94	ppb		99
75) 1,3-Dichlorobenzene	10.42	146	89895	1.82	ppb	#	100
76) 1,4-Dichlorobenzene	10.52	146	83364	1.92	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	63936	1.86	ppb	#	99
78) p-Isopropyltoluene	10.48	119	240512	1.86	ppb	#	97
79) n-Butylbenzene	10.93	91	220688	1.75	ppb	#	84
80) 1,2,4-Trichlorobenzene	12.73	180	20222	1.29	ppb		94
81) Naphthalene	13.00	128	16213	1.35	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.95	225	26598	1.49	ppb	#	68
83) 1,2,3-Trichlorobenzene	13.28	182	12572	1.20	ppb		97

(#) = qualifier out of range (m) = manual integration
V384934C.D V3RCPB47.M Fri May 25 15:16:10 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384934C.D Vial: 8
Acq On : 18 May 2012 2:33 pm Operator: SS
Sample : 2 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:30 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



V384934C.D V3RCPB47.M Fri May 25 15:16:11 2012 Page 3

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384936C.D Vial: 10
Acq On : 18 May 2012 3:17 pm Operator: SS
Sample : 4 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	196285	10.00 ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	868659	10.00 ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	212892	10.00 ppb		0.00
System Monitoring Compounds						
31) d4-1,2-Dichloroethane(SURR	4.74	65	96510	9.40 ppb		-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 94.00%			
44) Toluene-d8(SURR)	6.53	98	1111574	9.59 ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 95.90%			
61) p-Bromofluorobenzene(SURR)	9.22	174	255655	9.55 ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 95.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	333628	4.43 ppb		98
3) Chloromethane	1.52	50	326952	4.63 ppb		100
4) Vinyl Chloride	1.61	62	325620	4.91 ppb		99
5) Bromomethane	1.85	94	94851	4.33 ppb		95
6) Chloroethane	1.94	64	133434	4.02 ppb		100
7) Trichlorofluoromethane	2.14	101	229211	3.97 ppb		100
8) Freon-113	2.56	101	185850	4.05 ppb		96
9) 1,1-Dichloroethylene	2.55	61	200926	4.04 ppb		99
10) Acrolien	2.48	56	3949	3.58 ppb	#	70
11) Iodomethane	2.68	142	79425	2.62 ppb		99
12) Methyl Acetate	2.88	43	15103	3.88 ppb	#	89
13) Ethyl Ether	2.38	59	41333	4.11 ppb		97
14) trans-1,2-Dichloroethylene	3.18	61	162250	3.96 ppb		99
15) Carbon Disulfide	2.74	76	467426	4.18 ppb		100
16) Methylene Chloride	2.95	49	217258	7.35 ppb		98
17) Acrylonitrile	3.16	53	7703	4.45 ppb	#	94
18) tert-Butyl Methyl Ether (M	3.20	73	66471	4.02 ppb	#	90
19) Acetone	2.60	43	25049	8.15 ppb	#	100
20) 1,1-Dichloroethane	3.53	63	237725	4.03 ppb		100
21) Vinyl Acetate	3.59	43	70732	3.92 ppb		100
22) cis-1,2-Dichloroethylene	4.03	96	146455	4.06 ppb	#	99
23) 2-Butanone	4.04	72	2455	3.50 ppb	#	38
24) 2,2-Dichloropropane	4.03	77	166066	3.61 ppb		100
25) Bromochloromethane	4.24	49	56274	4.00 ppb	#	74
26) Chloroform	4.31	83	194331	3.89 ppb		99
27) Tetrahydrofuran	4.30	71	2654	3.96 ppb	#	41
28) 1,1-Dichloropropylene	4.62	75	201339	3.41 ppb		99
29) 1,1,1-Trichloroethane	4.47	97	209218	3.72 ppb	#	97
30) Cyclohexane	4.53	56	373485	4.07 ppb		99
32) Carbon Tetrachloride	4.62	117	172287	3.54 ppb		100
33) 1,2-Dichloroethane	4.81	62	61838	3.71 ppb		99
34) Benzene	4.80	78	532839	4.17 ppb		99
36) Trichloroethylene	5.39	95	164946	3.67 ppb		97
37) Methyl Cyclohexane	5.57	83	358731	3.74 ppb	#	99
38) Dibromomethane	5.69	93	33070	3.61 ppb		96
39) Methyl Methacrylate	5.70	69	19473	3.38 ppb		99
40) Bromodichloromethane	5.84	83	96144	3.41 ppb		99
41) 1,2-Dichloropropane	5.58	63	104232	3.83 ppb	#	86

(#) = qualifier out of range (m) = manual integration
V384936C.D V3RCPB47.M Fri May 25 15:16:18 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384936C.D Vial: 10
Acq On : 18 May 2012 3:17 pm Operator: SS
Sample : 4 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.27	75	119819	3.82	ppb	#	92
43) 2-Hexanone	7.25	43	19210	4.14	ppb		96
45) Toluene	6.60	91	563067	3.70	ppb		100
46) trans-1,3-Dichloropropene	6.80	75	64965	3.66	ppb		100
47) 1,1,2-Trichloroethane	6.98	83	37883	3.62	ppb		97
48) 1,3-Dichloropropane	7.15	76	78970	3.80	ppb	#	99
49) Tetrachloroethylene	7.14	166	174777	3.68	ppb		98
50) 4-Methyl-2-Pentanone	6.42	43	29628	3.56	ppb		99
51) Dibromochloromethane	7.37	129	50093	3.39	ppb		100
52) 1,2-Dibromoethane	7.49	107	42922	3.76	ppb		100
53) Chlorobenzene	8.01	112	314749	3.78	ppb		99
54) Ethyl Benzene	8.13	91	592129	3.62	ppb		100
55) p- & m-Xylenes	8.25	91	909074	7.43	ppb		98
56) o-Xylene	8.67	91	427778	3.78	ppb		100
57) Styrene	8.68	104	295498	3.90	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.09	131	82113	3.61	ppb		98
60) Bromoform	8.86	173	19255	3.28	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.37	83	44081	3.68	ppb		99
63) 1,2,3-Trichloropropane	9.42	110	10762	3.34	ppb		87
64) Isopropylbenzene	9.07	105	635675	3.82	ppb	#	100
65) 1,2-Dibromo-3-Chloropropan	11.78	75	3534	3.02	ppb		89
66) Bromobenzene	9.37	77	146605	3.69	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	41359	3.70	ppb		99
68) n-Propylbenzene	9.51	91	748613	3.74	ppb		100
69) 2-Chlorotoluene	9.60	91	396611	3.72	ppb		100
70) 4-Chlorotoluene	9.60	91	379402	3.90	ppb		99
71) tert-Butylbenzene	10.07	119	466036	3.74	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	447349	3.69	ppb	#	100
73) 1,2,4-trimethylbenzene	10.12	105	363965	3.64	ppb		99
74) sec-Butylbenzene	10.31	105	727600	3.78	ppb		100
75) 1,3-Dichlorobenzene	10.41	146	180687	3.66	ppb	#	100
76) 1,4-Dichlorobenzene	10.52	146	155338	3.57	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	127296	3.70	ppb	#	100
78) p-Isopropyltoluene	10.47	119	482088	3.72	ppb		100
79) n-Butylbenzene	10.93	91	453616	3.59	ppb		99
80) 1,2,4-Trichlorobenzene	12.74	180	46882	2.98	ppb		96
81) Naphthalene	13.00	128	35476	2.95	ppb	#	97
82) Hexachloro-1,3-Butadiene	12.95	225	58184	3.26	ppb	#	68
83) 1,2,3-Trichlorobenzene	13.28	182	30655	2.93	ppb		98

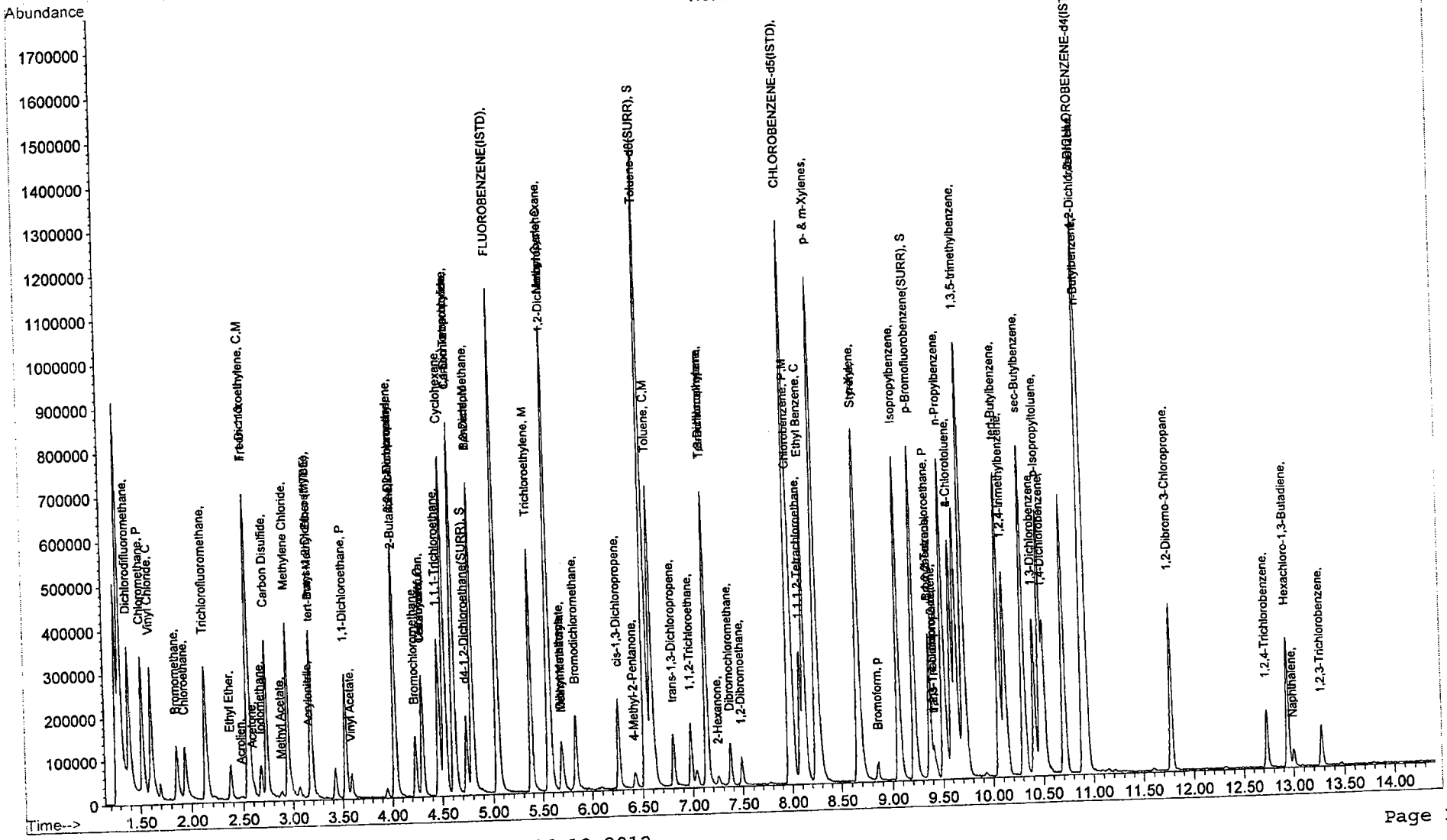
(#) = qualifier out of range (m) = manual integration
V384936C.D V3RCPB47.M Fri May 25 15:16:18 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384936C.D Vial: 10
Acq On : 18 May 2012 3:17 pm Operator: SS
Sample : 4 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384936C.D



V384936C.D V3RCPB47.M Fri May 25 15:16:19 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384938C.D Vial: 12
Acq On : 18 May 2012 4:02 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	204807	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.97	117	886671	10.00	ppb		-0.01
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	213498	10.00	ppb		-0.01
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	98481	9.20	ppb		-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 92.00%				
44) Toluene-d8(SURR)	6.53	98	1154458	9.76	ppb		-0.01
Spiked Amount 10.000	Range 83 - 114		Recovery = 97.60%				
61) p-Bromofluorobenzene(SURR)	9.22	174	275851	10.27	ppb		-0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 102.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	798941	10.17	ppb		98
3) Chloromethane	1.52	50	816009	11.08	ppb		100
4) Vinyl Chloride	1.61	62	810675	11.71	ppb		99
5) Bromomethane	1.85	94	262365	11.48	ppb		97
6) Chloroethane	1.94	64	352295	10.16	ppb		99
7) Trichlorofluoromethane	2.14	101	566461	9.41	ppb		100
8) Freon-113	2.56	101	455439	9.51	ppb		99
9) 1,1-Dichloroethylene	2.55	61	512927	9.88	ppb		99
10) Acrolien	2.48	56	11993	10.41	ppb		97
11) Iodomethane	2.68	142	263689	8.33	ppb		100
12) Methyl Acetate	2.88	43	40899	10.08	ppb		98
13) Ethyl Ether	2.38	59	113884	10.84	ppb		97
14) trans-1,2-Dichloroethylene	3.18	61	425035	9.94	ppb		98
15) Carbon Disulfide	2.74	76	1247996	10.68	ppb		100
16) Methylene Chloride	2.95	49	385293	12.49	ppb		99
17) Acrylonitrile	3.16	53	18875	10.45	ppb	#	96
18) tert-Butyl Methyl Ether (M	3.20	73	184045	10.67	ppb		98
19) Acetone	2.60	43	36121	11.27	ppb	#	100
20) 1,1-Dichloroethane	3.53	63	648024	10.52	ppb		99
21) Vinyl Acetate	3.59	43	208875	11.10	ppb		100
22) cis-1,2-Dichloroethylene	4.03	96	395321	10.51	ppb	#	99
23) 2-Butanone	4.05	72	10725	14.64	ppb		70
24) 2,2-Dichloropropane	4.03	77	458784	9.57	ppb		100
25) Bromochloromethane	4.24	49	161973	11.02	ppb	#	76
26) Chloroform	4.31	83	524867	10.07	ppb		99
27) Tetrahydrofuran	4.29	71	6953	9.95	ppb		85
28) 1,1-Dichloropropylene	4.62	75	504756	8.19	ppb		98
29) 1,1,1-Trichloroethane	4.47	97	562862	9.59	ppb		100
30) Cyclohexane	4.53	56	940776	9.83	ppb		99
32) Carbon Tetrachloride	4.62	117	442350	8.70	ppb		99
33) 1,2-Dichloroethane	4.80	62	165613	9.51	ppb		100
34) Benzene	4.80	78	1437551	10.79	ppb	#	96
36) Trichloroethylene	5.39	95	440285	9.59	ppb	#	60
37) Methyl Cyclohexane	5.57	83	903098	9.22	ppb	#	100
38) Dibromomethane	5.69	93	93328	9.99	ppb		99
39) Methyl Methacrylate	5.71	69	60214	10.24	ppb		99
40) Bromodichloromethane	5.84	83	275242	9.56	ppb		100
41) 1,2-Dichloropropane	5.58	63	279067	10.04	ppb		99

(#) = qualifier out of range (m) = manual integration
V384938C.D V3RCPB47.M Fri May 25 15:16:32 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384938C.D Vial: 12
Acq On : 18 May 2012 4:02 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.26	75	331744	10.35	ppb		99
43) 2-Hexanone	7.25	43	47489	10.03	ppb		98
45) Toluene	6.59	91	1476271	9.50	ppb		98
46) trans-1,3-Dichloropropene	6.81	75	193486	10.66	ppb		99
47) 1,1,2-Trichloroethane	6.98	83	107395	10.06	ppb		98
48) 1,3-Dichloropropane	7.15	76	213593	10.06	ppb	#	100
49) Tetrachloroethylene	7.14	166	456596	9.41	ppb		99
50) 4-Methyl-2-Pentanone	6.42	43	79455	9.36	ppb		99
51) Dibromochloromethane	7.38	129	151001	10.02	ppb		99
52) 1,2-Dibromoethane	7.49	107	121357	10.42	ppb		99
53) Chlorobenzene	8.00	112	850192	10.01	ppb		99
54) Ethyl Benzene	8.13	91	1578631	9.45	ppb		100
55) p- & m-Xylenes	8.25	91	2364233	18.94	ppb		98
56) o-Xylene	8.67	91	1120280	9.71	ppb		99
57) Styrene	8.68	104	791040	10.22	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.09	131	239019	10.28	ppb		99
60) Bromoform	8.86	173	58720	9.97	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	119004	9.91	ppb		99
63) 1,2,3-Trichloropropane	9.42	110	30695	9.49	ppb		96
64) Isopropylbenzene	9.06	105	1644868	9.86	ppb	#	100
65) 1,2-Dibromo-3-Chloropropan	11.79	75	11367	9.69	ppb		95
66) Bromobenzene	9.38	77	403981	10.15	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	110433	9.85	ppb		100
68) n-Propylbenzene	9.52	91	1957456	9.75	ppb		99
69) 2-Chlorotoluene	9.59	91	1022116	9.55	ppb		99
70) 4-Chlorotoluene	9.71	91	922893	9.47	ppb		100
71) tert-Butylbenzene	10.06	119	1268245	10.14	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	1172939	9.66	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	968305	9.67	ppb		99
74) sec-Butylbenzene	10.31	105	1862991	9.66	ppb		100
75) 1,3-Dichlorobenzene	10.42	146	481253	9.71	ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	424390	9.74	ppb	#	68
77) 1,2-Dichlorobenzene	10.92	146	334667	9.71	ppb	#	99
78) p-Isopropyltoluene	10.48	119	1260798	9.71	ppb	#	97
79) n-Butylbenzene	10.93	91	1216794	9.61	ppb	#	85
80) 1,2,4-Trichlorobenzene	12.74	180	148929	9.45	ppb		96
81) Naphthalene	13.00	128	111776	9.26	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.95	225	148141	8.27	ppb	#	100
83) 1,2,3-Trichlorobenzene	13.28	182	93711	8.94	ppb	#	51

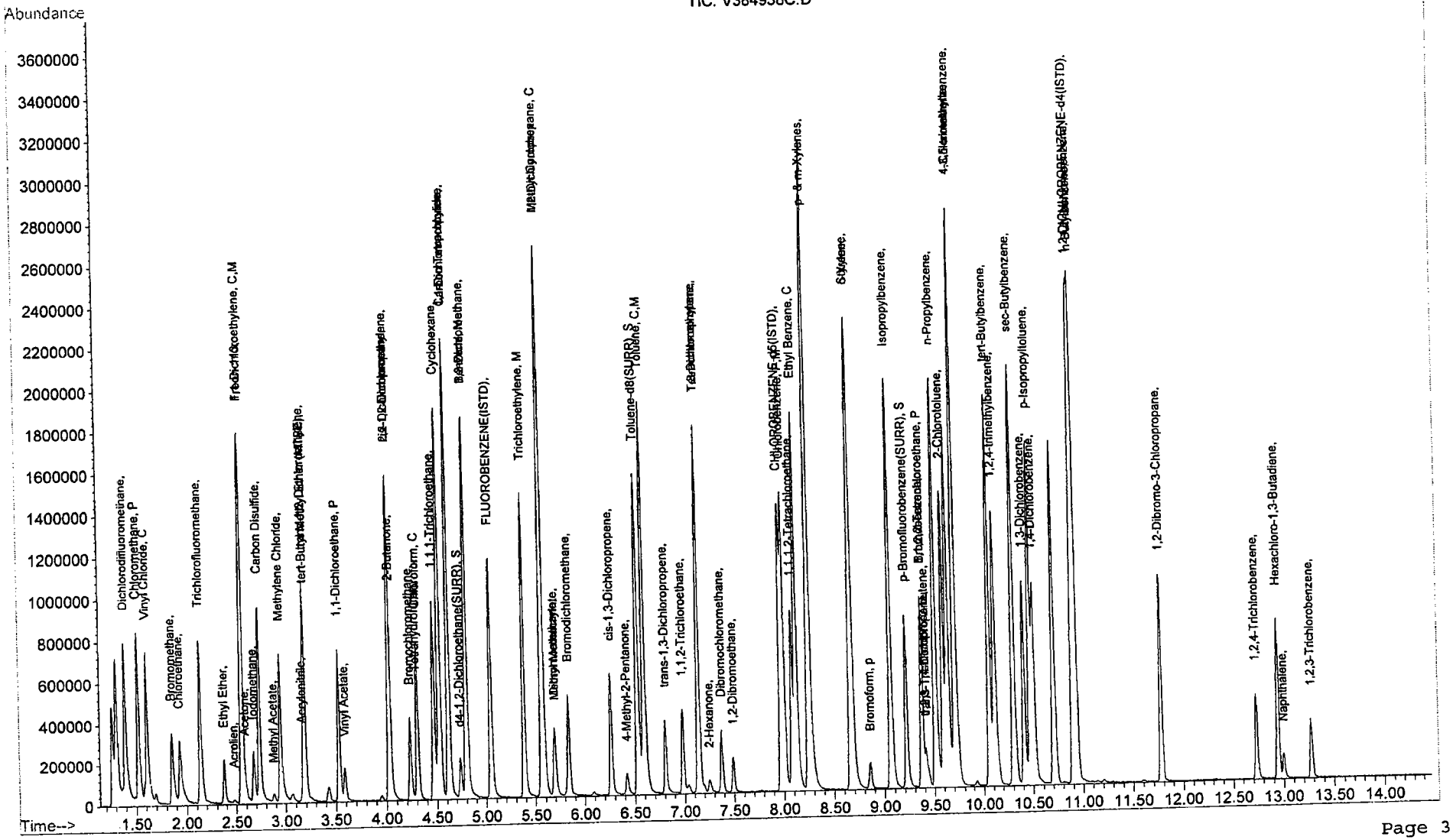
(#) = qualifier out of range (m) = manual integration
V384938C.D V3RCPB47.M Fri May 25 15:16:33 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384938C.D Vial: 12
Acq On : 18 May 2012 4:02 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384938C.D



V384938C.D V3RCPB47.M Fri May 25 15:16:33 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384940C.D Vial: 14
Acq On : 18 May 2012 4:47 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	203245	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	881389	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	205155	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	99362	9.35	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 93.50%				
44) Toluene-d8(SURR)	6.53	98	1134650	9.65	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.50%				
61) p-Bromofluorobenzene(SURR)	9.22	174	270344	10.48	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 104.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	1563240	20.05	ppb		99
3) Chloromethane	1.52	50	1529998	20.93	ppb		100
4) Vinyl Chloride	1.61	62	1543709	22.47	ppb		99
5) Bromomethane	1.86	94	546876	24.11	ppb		98
6) Chloroethane	1.93	64	696319	20.24	ppb		99
7) Trichlorofluoromethane	2.14	101	1130586	18.92	ppb		100
8) Freon-113	2.56	101	921432	19.39	ppb		99
9) 1,1-Dichloroethylene	2.56	61	1012968	19.65	ppb		99
10) Acrolien	2.48	56	25424	22.24	ppb		98
11) Iodomethane	2.68	142	584011	18.59	ppb		99
12) Methyl Acetate	2.88	43	81668	20.29	ppb		99
13) Ethyl Ether	2.37	59	227575	21.83	ppb		97
14) trans-1,2-Dichloroethylene	3.18	61	871700	20.55	ppb		99
15) Carbon Disulfide	2.73	76	2543878	21.94	ppb		100
16) Methylene Chloride	2.95	49	659964	21.56	ppb		98
17) Acrylonitrile	3.16	53	40300	22.49	ppb	#	79
18) tert-Butyl Methyl Ether (M	3.20	73	391108	22.85	ppb		99
19) Acetone	2.60	43	56835	17.86	ppb	#	100
20) 1,1-Dichloroethane	3.53	63	1284046	21.00	ppb		99
21) Vinyl Acetate	3.59	43	428936	22.97	ppb		100
22) cis-1,2-Dichloroethylene	4.03	96	802619	21.51	ppb	#	100
23) 2-Butanone	4.04	72	17909	24.64	ppb		85
24) 2,2-Dichloropropane	4.03	77	925610	19.46	ppb		100
25) Bromochloromethane	4.23	49	329308	22.59	ppb		97
26) Chloroform	4.31	83	1045595	20.21	ppb		100
27) Tetrahydrofuran	4.30	71	15911	22.95	ppb		73
28) 1,1-Dichloropropylene	4.62	75	1087030	17.77	ppb		99
29) 1,1,1-Trichloroethane	4.47	97	1117624	19.19	ppb		99
30) Cyclohexane	4.53	56	1857715	19.56	ppb		99
32) Carbon Tetrachloride	4.62	117	957111	18.97	ppb		99
33) 1,2-Dichloroethane	4.81	62	324804	18.80	ppb	#	87
34) Benzene	4.80	78	2806025	21.22	ppb		99
36) Trichloroethylene	5.39	95	866914	18.99	ppb		97
37) Methyl Cyclohexane	5.57	83	1781329	18.29	ppb	#	100
38) Dibromomethane	5.69	93	185337	19.96	ppb		98
39) Methyl Methacrylate	5.70	69	118298	20.23	ppb		100
40) Bromodichloromethane	5.84	83	561005	19.60	ppb		100
41) 1,2-Dichloropropane	5.58	63	551737	19.97	ppb	#	86

(#) = qualifier out of range (m) = manual integration
V384940C.D V3RCPB47.M Fri May 25 15:16:46 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384940C.D Vial: 14
Acq On : 18 May 2012 4:47 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.26	75	689809	21.66	ppb		100
43) 2-Hexanone	7.25	43	99209	21.08	ppb		100
45) Toluene	6.60	91	2905833	18.82	ppb		100
46) trans-1,3-Dichloropropene	6.80	75	406465	22.54	ppb		99
47) 1,1,2-Trichloroethane	6.98	83	222754	20.99	ppb		96
48) 1,3-Dichloropropane	7.15	76	425603	20.17	ppb	#	100
49) Tetrachloroethylene	7.14	166	923081	19.14	ppb		99
50) 4-Methyl-2-Pentanone	6.42	43	152729	18.09	ppb		99
51) Dibromochloromethane	7.37	129	316850	21.15	ppb		99
52) 1,2-Dibromoethane	7.49	107	238999	20.65	ppb		99
53) Chlorobenzene	8.01	112	1687659	19.99	ppb		99
54) Ethyl Benzene	8.13	91	3094727	18.64	ppb		99
55) p- & m-Xylenes	8.25	91	4545468	36.62	ppb		98
56) o-Xylene	8.67	91	2157116	18.81	ppb		99
57) Styrene	8.68	104	1563886	20.32	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.08	131	476689	20.63	ppb		99
60) Bromoform	8.86	173	134158	23.71	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	244167	21.16	ppb		99
63) 1,2,3-Trichloropropane	9.42	110	59765	19.23	ppb		98
64) Isopropylbenzene	9.07	105	3205944	20.00	ppb	#	99
65) 1,2-Dibromo-3-Chloropropan	11.78	75	26289	23.33	ppb		94
66) Bromobenzene	9.38	77	779793	20.38	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	238022	22.09	ppb		100
68) n-Propylbenzene	9.51	91	3890086	20.17	ppb		99
69) 2-Chlorotoluene	9.60	91	2065369	20.08	ppb		99
70) 4-Chlorotoluene	9.71	91	1782020	19.03	ppb		99
71) tert-Butylbenzene	10.07	119	2480593	20.63	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	2207206	18.92	ppb	#	100
73) 1,2,4-trimethylbenzene	10.12	105	1912217	19.86	ppb		99
74) sec-Butylbenzene	10.31	105	3650314	19.70	ppb		99
75) 1,3-Dichlorobenzene	10.41	146	987846	20.74	ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	861418	20.57	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	679791	20.53	ppb	#	99
78) p-Isopropyltoluene	10.47	119	2511910	20.13	ppb	#	97
79) n-Butylbenzene	10.93	91	2494131	20.49	ppb		99
80) 1,2,4-Trichlorobenzene	12.73	180	355926	23.50	ppb		99
81) Naphthalene	13.00	128	266040	22.95	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.94	225	348845	20.26	ppb	#	100
83) 1,2,3-Trichlorobenzene	13.27	182	229300	22.77	ppb	#	96

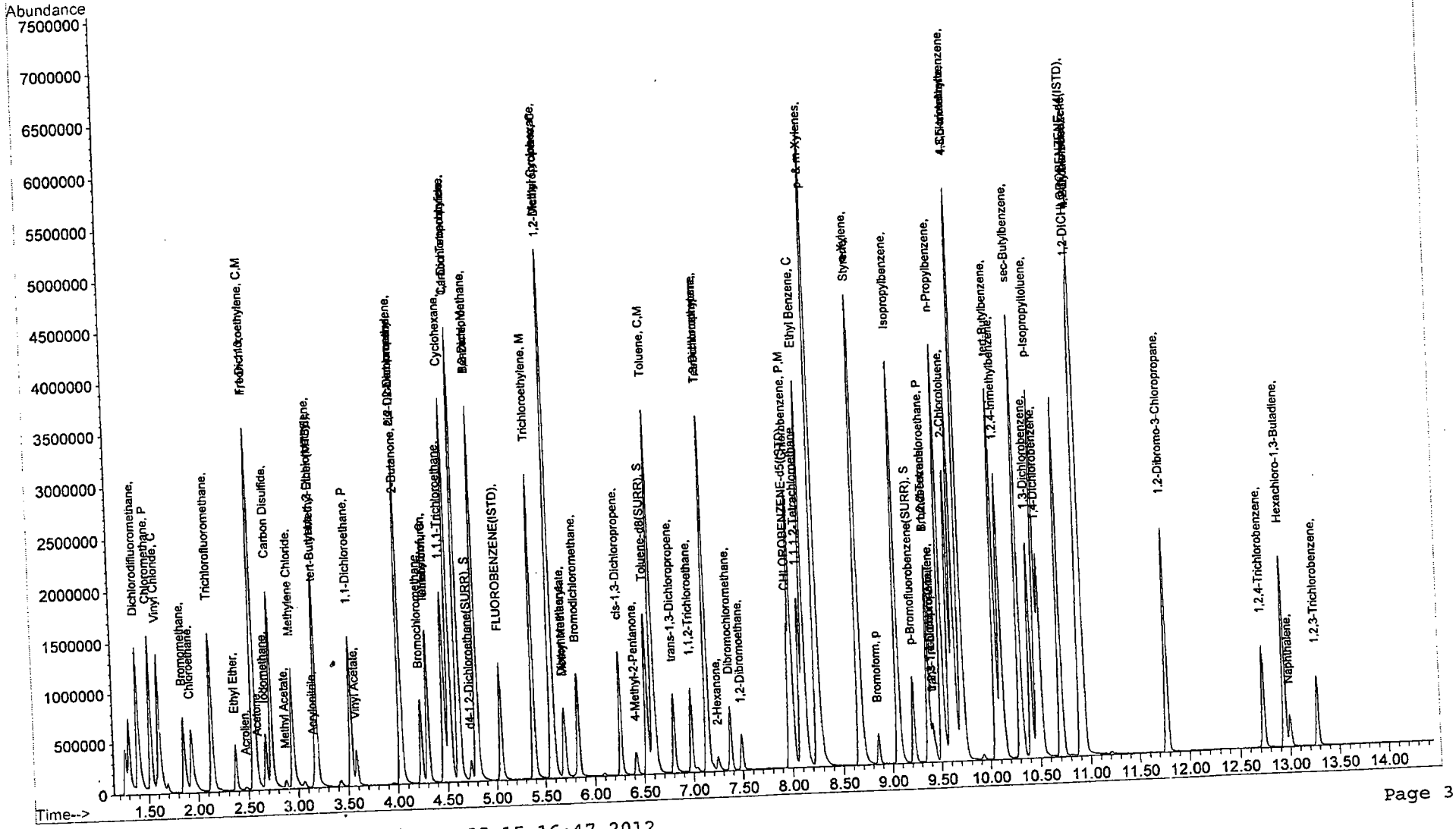
(#) = qualifier out of range (m) = manual integration
V384940C.D V3RCPB47.M Fri May 25 15:16:46 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384940C.D Vial: 14
Acq On : 18 May 2012 4:47 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384940C.D



Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384942C.D Vial: 16
Acq On : 18 May 2012 5:38 pm Operator: SS
Sample : 40 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P Quant Results File: V3RCPB46.RES
Quant Time: May 21 9:04 19112

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.04	70	192615	10.00 ppb	-0.01
35) CHLOROBENZENE-d5(ISTD)	7.98	117	865031	10.00 ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	210444	10.00 ppb	0.00
System Monitoring Compounds					
31) d4-1,2-Dichloroethane(SURR	4.74	65	103186	10.25 ppb	-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 102.50%		
44) Toluene-d8(SURR)	6.53	98	1094112	9.48 ppb	-0.01
Spiked Amount 10.000	Range 83 - 114		Recovery = 94.80%		
61) p-Bromofluorobenzene(SURR)	9.22	174	273278	10.32 ppb	-0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 103.20%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.39	85	3107341	42.06 ppb	99
3) Chloromethane	1.52	50	3102492	44.78 ppb	100
4) Vinyl Chloride	1.61	62	2978696	45.74 ppb	99
5) Bromomethane	1.85	94	1131468	52.63 ppb	100
6) Chloroethane	1.94	64	1345136	41.26 ppb	99
7) Trichlorofluoromethane	2.14	101	2284609	40.33 ppb	100
8) Freon-113	2.56	101	1762701	39.14 ppb	99
9) 1,1-Dichloroethylene	2.55	61	1879534	38.48 ppb	98
10) Acrolien	2.47	56	63672	58.78 ppb	93
11) Iodomethane	2.68	142	1014748	34.08 ppb	99
12) Methyl Acetate	2.87	43	183761	48.17 ppb	100
13) Ethyl Ether	2.37	59	505849	51.21 ppb	96
14) trans-1,2-Dichloroethylene	3.18	61	1700778	42.30 ppb	99
15) Carbon Disulfide	2.74	76	4867226	44.30 ppb	100
16) Methylene Chloride	2.95	49	1204301	41.51 ppb	99
17) Acrylonitrile	3.15	53	90655	53.39 ppb #	79
18) tert-Butyl Methyl Ether (M	3.20	73	871919	53.76 ppb	99
19) Acetone	2.60	43	89014	29.52 ppb #	100
20) 1,1-Dichloroethane	3.53	63	2507003	43.26 ppb	99
21) Vinyl Acetate	3.58	43	995880	56.28 ppb	100
22) cis-1,2-Dichloroethylene	4.03	96	1584374	44.80 ppb #	100
23) 2-Butanone	4.05	72	42261	61.34 ppb	73
24) 2,2-Dichloropropane	4.03	77	1890688	41.94 ppb	100
25) Bromochloromethane	4.23	49	675578	48.89 ppb	98
26) Chloroform	4.31	83	2122484	43.29 ppb	100
27) Tetrahydrofuran	4.30	71	35909	54.64 ppb #	42
28) 1,1-Dichloropropylene	4.62	75	1944946	33.55 ppb	98
29) 1,1,1-Trichloroethane	4.47	97	2275803	41.22 ppb	99
30) Cyclohexane	4.53	56	3469655	38.55 ppb	100
32) Carbon Tetrachloride	4.62	117	1748728	36.58 ppb	98
33) 1,2-Dichloroethane	4.81	62	685840	41.88 ppb	100
34) Benzene	4.80	78	5250542	41.90 ppb	99
36) Trichloroethylene	5.39	95	1688240	37.68 ppb	98
37) Methyl Cyclohexane	5.57	83	3339033	34.92 ppb #	100
38) Dibromomethane	5.69	93	391812	43.00 ppb	98
39) Methyl Methacrylate	5.71	69	275457	48.00 ppb	100
40) Bromodichloromethane	5.84	83	1197133	42.61 ppb	99
41) 1,2-Dichloropropane	5.58	63	1072678	39.56 ppb	100

(#) = qualifier out of range (m) = manual integration
V384942C.D V3RCPB47.M Fri May 25 15:16:54 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384942C.D Vial: 16
Acq On : 18 May 2012 5:38 pm Operator: SS
Sample : 40 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P Quant Results File: V3RCPB46.RES
Quant Time: May 21 9:04 19112

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.26	75	1470647	47.05	ppb		100
43) 2-Hexanone	7.24	43	225989	48.93	ppb		100
45) Toluene	6.60	91	5563385	36.71	ppb		98
46) trans-1,3-Dichloropropene	6.81	75	915342	51.72	ppb		99
47) 1,1,2-Trichloroethane	6.98	83	458625	44.04	ppb		100
48) 1,3-Dichloropropane	7.15	76	872193	42.11	ppb	#	100
49) Tetrachloroethylene	7.14	166	1771961	37.45	ppb		99
50) 4-Methyl-2-Pentanone	6.42	43	375648	45.34	ppb		99
51) Dibromochloromethane	7.38	129	698130	47.49	ppb		99
52) 1,2-Dibromoethane	7.49	107	511354	45.02	ppb		100
53) Chlorobenzene	8.00	112	3348337	40.42	ppb		98
54) Ethyl Benzene	8.13	91	5827992	35.76	ppb		99
55) p- & m-Xylenes	8.25	91	8003379	65.70	ppb		95
56) o-Xylene	8.67	91	4093793	36.37	ppb		98
57) Styrene	8.68	104	3131545	41.46	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.09	131	982272	43.32	ppb		98
60) Bromoform	8.86	173	313105	53.95	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	509664	43.06	ppb		100
63) 1,2,3-Trichloropropane	9.42	110	134705	42.25	ppb		80
64) Isopropylbenzene	9.06	105	6016114	36.59	ppb	#	99
65) 1,2-Dibromo-3-Chloropropan	11.78	75	55632	48.14	ppb		94
66) Bromobenzene	9.38	77	1625909	41.43	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	514333	46.54	ppb		100
68) n-Propylbenzene	9.52	91	7126287	36.02	ppb		99
69) 2-Chlorotoluene	9.60	91	4017028	38.08	ppb		99
70) 4-Chlorotoluene	9.72	91	3358603	34.96	ppb		99
71) tert-Butylbenzene	10.07	119	4620548	37.47	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	4140102	34.59	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	3763356	38.11	ppb		99
74) sec-Butylbenzene	10.31	105	6754862	35.54	ppb		99
75) 1,3-Dichlorobenzene	10.42	146	1953030	39.98	ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	1678602	39.07	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	1331362	39.19	ppb	#	100
78) p-Isopropyltoluene	10.48	119	4750068	37.12	ppb	#	97
79) n-Butylbenzene	10.93	91	4617652	36.99	ppb		98
80) 1,2,4-Trichlorobenzene	12.74	180	790286	50.86	ppb		97
81) Naphthalene	13.00	128	687107	57.78	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.95	225	654508	37.06	ppb	#	99
83) 1,2,3-Trichlorobenzene	13.28	182	509430	49.32	ppb		100

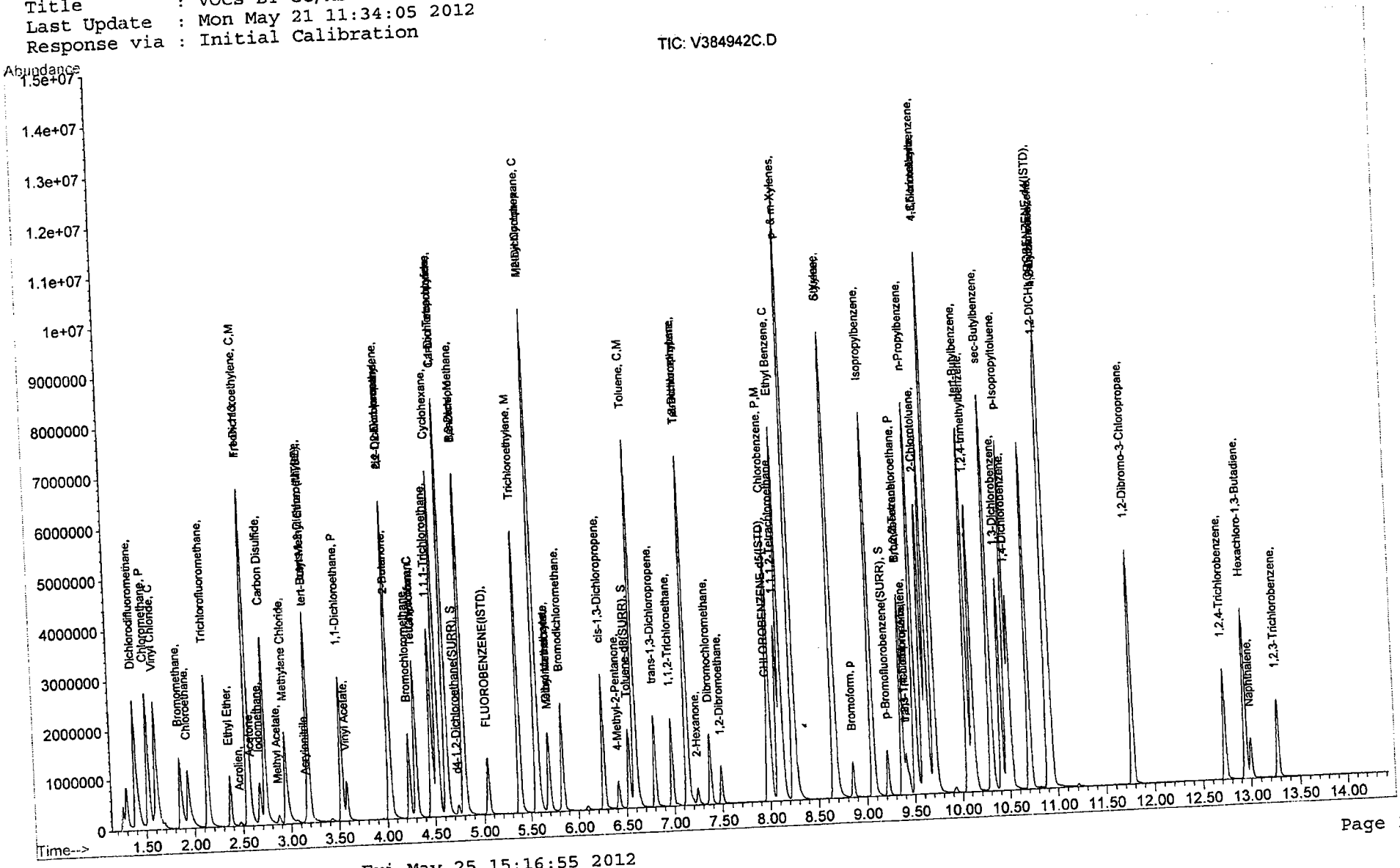
(#) = qualifier out of range (m) = manual integration
V384942C.D V3RCPB47.M Fri May 25 15:16:54 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384942C.D Vial: 16
Acq On : 18 May 2012 5:38 pm Operator: SS
Sample : 40 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P Quant Results File: V3RCPB46.RES
Quant Time: May 21 9:04 19112

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384942C.D



V384942C.D V3RCPB47.M Fri May 25 15:16:55 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384946C.D Vial: 20
Acq On : 18 May 2012 7:07 pm Operator: SS
Sample : 10 ppb VOA ICV STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:32 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	198088	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	852011	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	214607	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	95043	9.79	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 97.90%				
44) Toluene-d8(SURR)	6.53	98	1094575	10.00	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 100.00%				
61) p-Bromofluorobenzene(SURR)	9.23	174	262455	9.67	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 96.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	584152	7.41	ppb		99
3) Chloromethane	1.52	50	716714	8.91	ppb		100
4) Vinyl Chloride	1.61	62	673993	8.70	ppb		100
5) Bromomethane	1.86	94	275888	10.30	ppb		99
6) Chloroethane	1.94	64	310403	9.12	ppb		99
7) Trichlorofluoromethane	2.14	101	528205	9.39	ppb		100
8) Freon-113	2.57	101	467951	10.26	ppb		98
9) 1,1-Dichloroethylene	2.56	61	517446	10.47	ppb		100
10) Acrolien	2.48	56	8581	7.16	ppb		94
11) Iodomethane	2.68	142	170683	7.58	ppb		99
12) Methyl Acetate	2.88	43	46547	11.34	ppb	#	93
13) Ethyl Ether	2.38	59	107148	9.40	ppb		97
14) trans-1,2-Dichloroethylene	3.18	61	431182	10.31	ppb		100
15) Carbon Disulfide	2.74	76	2302247	19.24	ppb		100
16) Methylene Chloride	2.95	49	370677	7.90	ppb		99
17) Acrylonitrile	3.16	53	18188	9.36	ppb	#	82
18) tert-Butyl Methyl Ether (M	3.20	73	183848	9.97	ppb		99
19) Acetone	2.60	43	41336	8.85	ppb		100
20) 1,1-Dichloroethane	3.54	63	640447	10.35	ppb		100
21) Vinyl Acetate	3.60	43	148447	7.21	ppb		99
22) cis-1,2-Dichloroethylene	4.03	96	379861	9.96	ppb	#	100
23) 2-Butanone	4.05	72	8506	10.30	ppb		89
24) 2,2-Dichloropropane	4.03	77	443368	10.48	ppb		100
25) Bromochloromethane	4.24	49	158778	10.32	ppb	#	99
26) Chloroform	4.31	83	503105	10.01	ppb		100
27) Tetrahydrofuran	4.31	71	7479	10.59	ppb		79
28) 1,1-Dichloropropylene	4.62	75	569010	11.26	ppb		98
29) 1,1,1-Trichloroethane	4.47	97	552409	10.25	ppb		99
30) Cyclohexane	4.53	56	837954	8.96	ppb		100
32) Carbon Tetrachloride	4.62	117	472295	11.01	ppb		99
33) 1,2-Dichloroethane	4.81	62	168693	10.38	ppb		99
34) Benzene	4.80	78	1406179	10.24	ppb	#	95
36) Trichloroethylene	5.39	95	433434	10.40	ppb	#	100
37) Methyl Cyclohexane	5.57	83	830248	9.40	ppb	#	100
38) Dibromomethane	5.69	93	90694	10.43	ppb	#	63
39) Methyl Methacrylate	5.71	69	56240	10.03	ppb		98
40) Bromodichloromethane	5.84	83	271525	10.74	ppb		99
41) 1,2-Dichloropropane	5.58	63	269871	10.11	ppb		99

(#) = qualifier out of range (m) = manual integration
V384946C.D V3RCPB47.M Fri May 25 15:15:38 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384946C.D Vial: 20
Acq On : 18 May 2012 7:07 pm Operator: SS
Sample : 10 ppb VOA ICV STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:32 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42) cis-1,3-Dichloropropene	6.27	75	311543	10.04 ppb		100
43) 2-Hexanone	7.26	43	43815	9.52 ppb		96
45) Toluene	6.60	91	1463459	10.34 ppb		98
46) trans-1,3-Dichloropropene	6.80	75	181643	10.31 ppb		99
47) 1,1,2-Trichloroethane	6.98	83	103191	10.11 ppb		97
48) 1,3-Dichloropropane	7.15	76	199218	9.65 ppb	#	86
49) Tetrachloroethylene	7.14	166	488386	10.96 ppb		98
50) 4-Methyl-2-Pentanone	6.42	43	67624	8.95 ppb		100
51) Dibromochloromethane	7.38	129	146862	10.69 ppb		99
52) 1,2-Dibromoethane	7.49	107	112429	10.06 ppb		99
53) Chlorobenzene	8.01	112	812268	10.07 ppb		99
54) Ethyl Benzene	8.13	91	1698436	11.27 ppb		100
55) p- & m-Xylenes	8.25	91	2304385	20.47 ppb		100
56) o-Xylene	8.67	91	1063935	9.95 ppb		100
57) Styrene	8.68	104	762212	10.03 ppb	#	79
58) 1,1,1,2-Tetrachloroethane	8.09	131	222211	10.11 ppb		97
60) Bromoform	8.86	173	54907	9.50 ppb	#	100
62) 1,1,2,2-Tetrachloroethane	9.38	83	111017	8.92 ppb		99
63) 1,2,3-Trichloropropane	9.42	110	27243	9.13 ppb		89
64) Isopropylbenzene	9.07	105	1725071	10.46 ppb	#	89
65) 1,2-Dibromo-3-Chloropropan	11.79	75	10933	9.53 ppb		94
66) Bromobenzene	9.38	77	372537	9.17 ppb		100
67) trans-1,4-Dichloro-2-buten	9.42	75	110922	9.70 ppb		100
68) n-Propylbenzene	9.51	91	1968513	10.17 ppb		100
69) 2-Chlorotoluene	9.60	91	998859	9.56 ppb		100
70) 4-Chlorotoluene	9.72	91	934950	9.76 ppb		100
71) tert-Butylbenzene	10.07	119	1217658	9.76 ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	1183395	10.00 ppb	#	74
73) 1,2,4-trimethylbenzene	10.12	105	1009430	10.32 ppb		95
74) sec-Butylbenzene	10.31	105	1873701	9.98 ppb		100
75) 1,3-Dichlorobenzene	10.42	146	467706	9.54 ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	407356	9.51 ppb	#	82
77) 1,2-Dichlorobenzene	10.92	146	321651	9.39 ppb	#	67
78) p-Isopropyltoluene	10.48	119	1326679	10.57 ppb	#	100
79) n-Butylbenzene	10.93	91	1261013	10.42 ppb	#	98
80) 1,2,4-Trichlorobenzene	12.73	180	167705	11.73 ppb		98
81) Naphthalene	13.00	128	131146	10.97 ppb	#	99
82) Hexachloro-1,3-Butadiene	12.95	225	167267	10.73 ppb	#	69
83) 1,2,3-Trichlorobenzene	13.28	182	107094	11.56 ppb	#	100

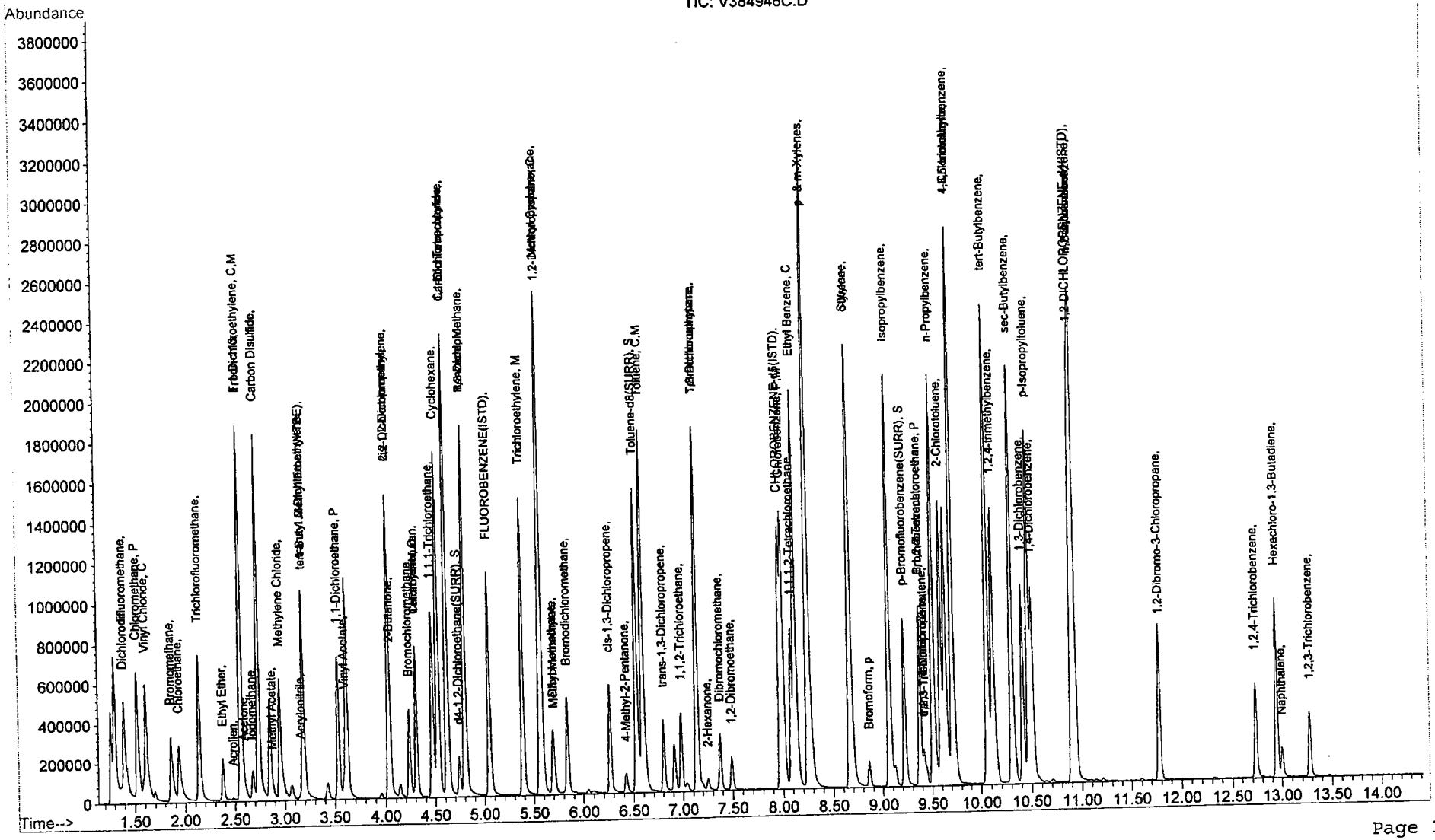
(#) = qualifier out of range (m) = manual integration
V384946C.D V3RCPB47.M Fri May 25 15:15:38 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384946C.D Vial: 20
Acq On : 18 May 2012 7:07 pm Operator: SS
Sample : 10 ppb VOA ICV STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:32 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384946C.D



Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		FLUOROBENZENE(ISTD)	1.000	1.000	0.0	90	0.00
2		Dichlorodifluoromethane	3.978	3.799	4.5	88	0.00
3	P	Chloromethane	4.062	4.028	0.8	91	0.00
4	C	Vinyl Chloride	3.913	3.916	-0.1	89	0.00
5		Bromomethane	1.353	1.334	1.4	94	0.00
6		Chloroethane	1.718	1.698	1.2	89	0.00
7		Trichlorofluoromethane	2.839	2.978	-4.9	97	0.00
8		Freon-113	2.303	2.283	0.9	92	0.00
9	C,M	1,1-Dichloroethylene	2.495	2.529	-1.4	91	0.00
10		Acrolien	0.061	0.055	9.8	84	0.00
11		Iodomethane	1.136	0.996	12.3	70	0.00
12		Methyl Acetate	0.207	0.214	-3.4	96	0.00
13		Ethyl Ether	0.575	0.580	-0.9	94	0.00
14		trans-1,2-Dichloroethylene	2.112	2.127	-0.7	92	0.00
15		Carbon Disulfide	6.040	6.306	-4.4	93	0.00
16		Methylene Chloride	2.368	1.585	33.1#	76	0.00
17		Acrylonitrile	0.098	0.100	-2.0	97	0.00
18		tert-Butyl Methyl Ether (MT	0.931	1.046	-12.4	105	0.00
19		Acetone	0.236	0.226	4.2	115	0.00
20	P	1,1-Dichloroethane	3.123	3.202	-2.5	91	0.00
21		Vinyl Acetate	1.040	1.134	-9.0	100	0.00
22		cis-1,2-Dichloroethylene	1.926	2.042	-6.0	95	0.00
23		2-Butanone	0.042	0.050#	-19.0	86	0.00
24		2,2-Dichloropropane	2.136	2.068	3.2	83	0.00
25		Bromochloromethane	0.776	0.815	-5.0	93	0.00
26	C	Chloroform	2.537	2.753	-8.5	97	0.00
27		Tetrahydrofuran	0.036	0.041#	-13.9	108	0.00
28		1,1-Dichloropropylene	2.550	3.039	-19.2	111	0.00
29		1,1,1-Trichloroethane	2.721	2.951	-8.5	97	0.00
30		Cyclohexane	4.719	4.797	-1.7	94	0.00
31	S	d4-1,2-Dichloroethane(SURR)	0.490	0.503	-2.7	94	0.00
32		Carbon Tetrachloride	2.166	2.634	-21.6	110	0.00
33		1,2-Dichloroethane	0.820	0.888	-8.3	99	0.00
34	M	Benzene	6.930	7.268	-4.9	93	0.00
35		CHLOROBENZENE-d5(ISTD)	1.000	1.000	0.0	94	0.00
36	M	Trichloroethylene	0.489	0.494	-1.0	94	0.00
37		Methyl Cyclohexane	1.037	1.043	-0.6	96	0.00
38		Dibromomethane	0.102	0.104	-2.0	93	0.00
39		Methyl Methacrylate	0.066	0.076	-15.2	106	0.00
40		Bromodichloromethane	0.297	0.333	-12.1	101	0.00
41	C	1,2-Dichloropropane	0.313	0.314	-0.3	94	0.00
42		cis-1,3-Dichloropropene	0.364	0.384	-5.5	97	0.00
43		2-Hexanone	0.054	0.055	-1.9	97	0.01
44	S	Toluene-d8(SURR)	1.285	1.243	3.3	90	0.00
45	C,M	Toluene	1.661	1.682	-1.3	95	0.00
46		trans-1,3-Dichloropropene	0.207	0.220	-6.3	95	0.00
47		1,1,2-Trichloroethane	0.120	0.126	-5.0	98	0.00
48		1,3-Dichloropropane	0.242	0.243	-0.4	95	0.00
49		Tetrachloroethylene	0.523	0.530	-1.3	97	0.00
50		4-Methyl-2-Pentanone	0.089	0.091	-2.2	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
51		Dibromochloromethane	0.161	0.181	-12.4	100	0.00
52		1,2-Dibromoethane	0.131	0.134	-2.3	92	0.00
53	P,M	Chlorobenzene	0.947	0.972	-2.6	95	0.00
54	C	Ethyl Benzene	1.769	1.817	-2.7	96	0.00
55		p- & m-Xylenes	1.321	1.374	-4.0	97	0.00
56		o-Xylene	1.255	1.298	-3.4	97	0.00
57		Styrene	0.891	0.919	-3.1	97	0.00
58		1,1,1,2-Tetrachloroethane	0.258	0.271	-5.0	95	0.00
59		1,2-DICHLOROBENZENE-d4(ISTD	1.000	1.000	0.0	103	0.00
60	p	Bromoform	0.269	0.282	-4.8	105	0.00
61	S	p-Bromofluorobenzene(SURR)	1.264	1.198	5.2	95	0.00
62	P	1,1,2,2-Tetrachloroethane	0.580	0.548	5.5	101	0.00
63		1,2,3-Trichloropropane	0.139	0.134	3.6	96	0.00
64		Isopropylbenzene	7.683	7.273	5.3	97	0.00
65		1,2-Dibromo-3-Chloropropane	0.053	0.062	-17.0	120	0.00
66		Bromobenzene	1.894	1.784	5.8	97	0.00
67		trans-1,4-Dichloro-2-butene	0.533	0.523	1.9	104	0.00
68		n-Propylbenzene	9.018	8.843	1.9	99	0.00
69		2-Chlorotoluene	4.866	4.569	6.1	98	0.00
70		4-Chlorotoluene	4.462	4.278	4.1	102	0.00
71		tert-Butylbenzene	5.812	5.060	12.9	87	0.00
72		1,3,5-trimethylbenzene	5.515	5.390	2.3	101	0.00
73		1,2,4-trimethylbenzene	4.557	4.488	1.5	102	0.00
74		sec-Butylbenzene	8.746	8.551	2.2	101	0.00
75		1,3-Dichlorobenzene	2.286	2.275	0.5	104	0.00
76		1,4-Dichlorobenzene	1.996	2.029	-1.7	105	0.00
77		1,2-Dichlorobenzene	1.596	1.612	-1.0	106	0.00
78		p-Isopropyltoluene	5.847	5.838	0.2	102	0.00
79		n-Butylbenzene	5.641	5.882	-4.3	106	0.00
80		1,2,4-Trichlorobenzene	0.666	0.851	-27.8#	125	0.00
81		Naphthalene	0.557	0.669	-20.1	131	0.00
82		Hexachloro-1,3-Butadiene	0.726	0.824	-13.5	122	0.00
83		1,2,3-Trichlorobenzene	0.432	0.567	-31.2#	133	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	184396	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	834920	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	219285	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	92697	10.25	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 102.50%				
44) Toluene-d8(SURR)	6.53	98	1037620	9.67	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.70%				
61) p-Bromofluorobenzene(SURR)	9.22	174	262714	9.48	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 94.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	700431	9.55	ppb		100
3) Chloromethane	1.53	50	742709	9.92	ppb		100
4) Vinyl Chloride	1.61	62	722016	10.01	ppb		100
5) Bromomethane	1.86	94	245974	9.86	ppb		99
6) Chloroethane	1.93	64	313156	9.89	ppb		100
7) Trichlorofluoromethane	2.14	101	549185	10.49	ppb		99
8) Freon-113	2.56	101	421064	9.92	ppb		99
9) 1,1-Dichloroethylene	2.56	61	466390	10.14	ppb		100
10) Acrolien	2.47	56	10077	9.03	ppb		95
11) Iodomethane	2.68	142	183662	8.76	ppb		99
12) Methyl Acetate	2.88	43	39386	10.30	ppb		99
13) Ethyl Ether	2.37	59	106975	10.08	ppb		98
14) trans-1,2-Dichloroethylene	3.18	61	392130	10.07	ppb		99
15) Carbon Disulfide	2.74	76	1162826	10.44	ppb		100
16) Methylene Chloride	2.96	49	292345	6.70	ppb		99
17) Acrylonitrile	3.15	53	18356	10.15	ppb	#	68
18) tert-Butyl Methyl Ether (M	3.20	73	192845	11.23	ppb		99
19) Acetone	2.60	43	41621	9.58	ppb		99
20) 1,1-Dichloroethane	3.54	63	590380	10.25	ppb		99
21) Vinyl Acetate	3.59	43	209021	10.90	ppb		100
22) cis-1,2-Dichloroethylene	4.03	96	376489	10.60	ppb	#	99
23) 2-Butanone	4.05	72	9197	11.96	ppb		85
24) 2,2-Dichloropropane	4.03	77	381417	9.68	ppb		100
25) Bromochloromethane	4.24	49	150325	10.50	ppb	#	55
26) Chloroform	4.31	83	507701	10.85	ppb		100
27) Tetrahydrofuran	4.30	71	7505	11.42	ppb		92
28) 1,1-Dichloropropylene	4.62	75	560392	11.92	ppb		99
29) 1,1,1-Trichloroethane	4.47	97	544199	10.84	ppb		100
30) Cyclohexane	4.53	56	884499	10.17	ppb		99
32) Carbon Tetrachloride	4.63	117	485715	12.16	ppb		99
33) 1,2-Dichloroethane	4.81	62	163668	10.82	ppb	#	96
34) Benzene	4.80	78	1340275	10.49	ppb	#	95
36) Trichloroethylene	5.39	95	412404	10.10	ppb	#	67
37) Methyl Cyclohexane	5.57	83	870800	10.06	ppb	#	100
38) Dibromomethane	5.69	93	86882	10.20	ppb		98
39) Methyl Methacrylate	5.70	69	63637	11.58	ppb		100
40) Bromodichloromethane	5.84	83	277711	11.21	ppb		99
41) 1,2-Dichloropropane	5.58	63	262192	10.02	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

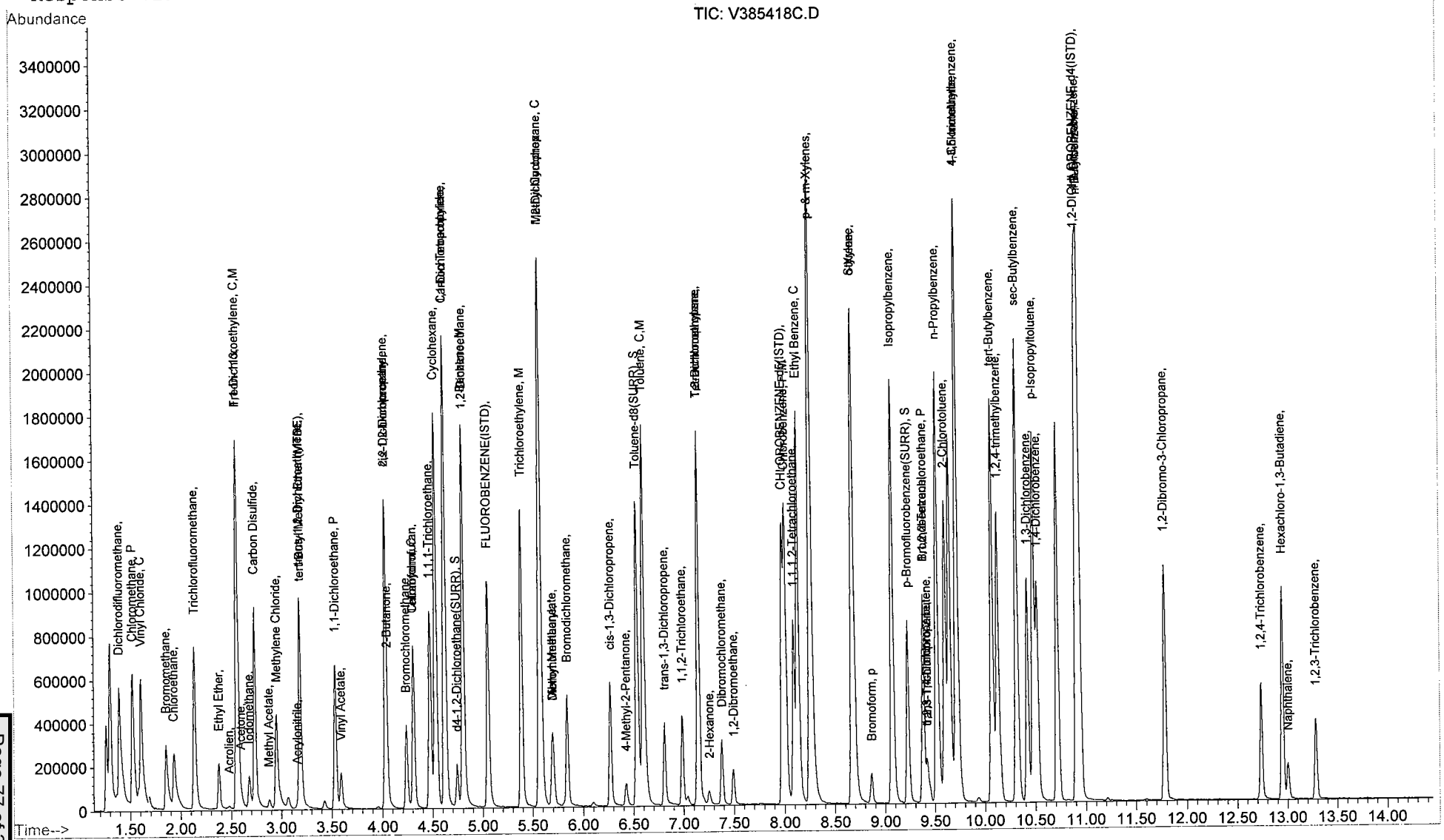
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	cis-1,3-Dichloropropene	6.27	75	320445	10.54	ppb		100
43)	2-Hexanone	7.25	43	46088	10.22	ppb		96
45)	Toluene	6.60	91	1404636	10.13	ppb		100
46)	trans-1,3-Dichloropropene	6.81	75	184063	10.67	ppb		99
47)	1,1,2-Trichloroethane	6.98	83	105317	10.53	ppb		99
48)	1,3-Dichloropropane	7.15	76	203188	10.05	ppb	#	86
49)	Tetrachloroethylene	7.15	166	442815	10.15	ppb		99
50)	4-Methyl-2-Pentanone	6.43	43	75729	10.23	ppb		100
51)	Dibromochloromethane	7.38	129	151010	11.22	ppb		99
52)	1,2-Dibromoethane	7.49	107	112121	10.24	ppb		98
53)	Chlorobenzene	8.01	112	811765	10.27	ppb		99
54)	Ethyl Benzene	8.13	91	1516677	10.27	ppb		100
55)	p- & m-Xylenes	8.26	91	2293680	20.79	ppb		100
56)	o-Xylene	8.67	91	1083768	10.34	ppb		100
57)	Styrene	8.68	104	767003	10.30	ppb		99
58)	1,1,1,2-Tetrachloroethane	8.09	131	226406	10.51	ppb		98
60)	Bromoform	8.86	173	61753	10.45	ppb	#	100
62)	1,1,2,2-Tetrachloroethane	9.38	83	120193	9.45	ppb	#	70
63)	1,2,3-Trichloropropane	9.42	110	29352	9.63	ppb		95
64)	Isopropylbenzene	9.07	105	1594916	9.47	ppb	#	89
65)	1,2-Dibromo-3-Chloropropan	11.78	75	13599	11.60	ppb		100
66)	Bromobenzene	9.38	77	391233	9.42	ppb		100
67)	trans-1,4-Dichloro-2-buten	9.42	75	114754	9.82	ppb		100
68)	n-Propylbenzene	9.52	91	1939212	9.81	ppb		100
69)	2-Chlorotoluene	9.60	91	1002021	9.39	ppb		100
70)	4-Chlorotoluene	9.72	91	938094	9.59	ppb		100
71)	tert-Butylbenzene	10.07	119	1109490	8.70	ppb	#	99
72)	1,3,5-trimethylbenzene	9.72	105	1181980	9.77	ppb	#	99
73)	1,2,4-trimethylbenzene	10.13	105	984044	9.85	ppb		99
74)	sec-Butylbenzene	10.31	105	1875009	9.78	ppb		100
75)	1,3-Dichlorobenzene	10.42	146	498813	9.95	ppb	#	68
76)	1,4-Dichlorobenzene	10.52	146	444883	10.17	ppb	#	82
77)	1,2-Dichlorobenzene	10.93	146	353495	10.10	ppb	#	100
78)	p-Isopropyltoluene	10.48	119	1280229	9.99	ppb	#	100
79)	n-Butylbenzene	10.94	91	1289820	10.43	ppb	#	73
80)	1,2,4-Trichlorobenzene	12.74	180	186668	12.78	ppb		99
81)	Naphthalene	13.00	128	146683	12.01	ppb	#	100
82)	Hexachloro-1,3-Butadiene	12.95	225	180751	11.35	ppb	#	99
83)	1,2,3-Trichlorobenzene	13.28	182	124310	13.13	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



FORM I

METHOD BLANK DATA SHEET
EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	BF20125-BLK1	File ID:	V385424B.D
Prepared:	06/05/12 08:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/06/12 05:42	Instrument:	VOA No. 3		
Batch:	BF20125	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	2.0	U
96-18-4	1,2,3-Trichloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
67-64-1	Acetone	6.0	
71-43-2	Benzene	0.50	U
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	BF20125-BLK1	File ID:	V385424B.D
Prepared:	06/05/12 08:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/06/12 05:42	Instrument:	VOA No. 3		
Batch:	BF20125	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	1.6	J
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
1330-20-7P/M	p- & m- Xylenes	1.0	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	BF20125-BLK1	File ID:	V385424B.D
Prepared:	06/05/12 08:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/06/12 05:42	Instrument:	VOA No. 3		
Batch:	BF20125	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.3	103	72.6 - 129	
p-Bromofluorobenzene	10.0	9.39	93.9	63.5 - 145	
Toluene-d8	10.0	10.0	100	81.2 - 127	

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385424B.D Vial: 33
Acq On : 6 Jun 2012 5:42 am Operator: SS
Sample : BF20125-BLK1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:00 19112 Quant Results File: V3RCPB47.RE

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

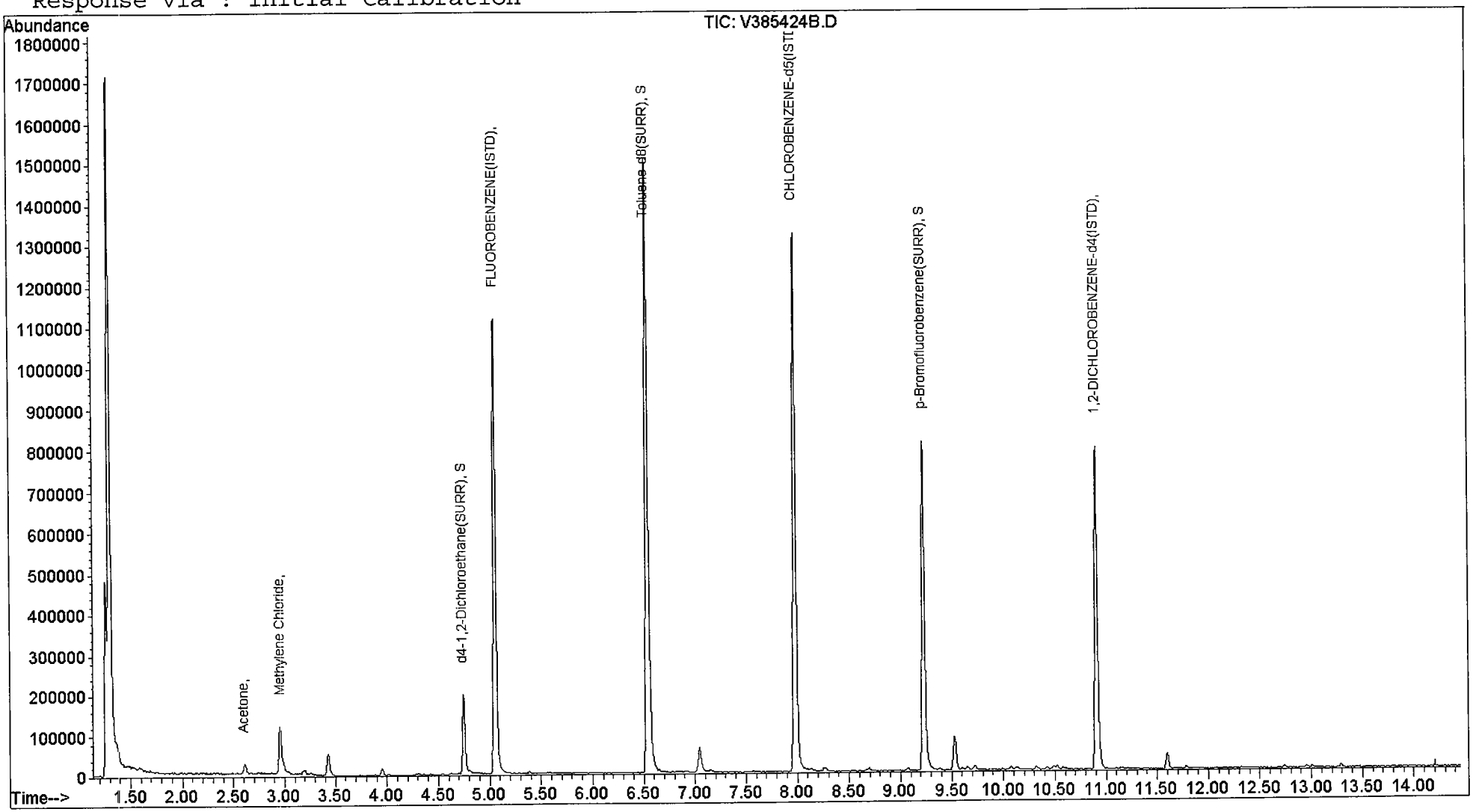
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.06	70	205639	10.00	ppb	0.01
35) CHLOROBENZENE-d5(ISTD)	7.98	117	884391	10.00	ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.91	152	237230	10.00	ppb	0.00
System Monitoring Compounds						
31) d4-1,2-Dichloroethane(SURR	4.74	65	103615	10.28	ppb	0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 102.80%			
44) Toluene-d8(SURR)	6.53	98	1141243	10.04	ppb	0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 100.40%			
61) p-Bromofluorobenzene(SURR)	9.23	174	281610	9.39	ppb	0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 93.90%			
Target Compounds						Qvalue
16) Methylene Chloride	2.95	49	76555	1.57	ppb	99
19) Acetone	2.61	43	29294	6.04	ppb	98

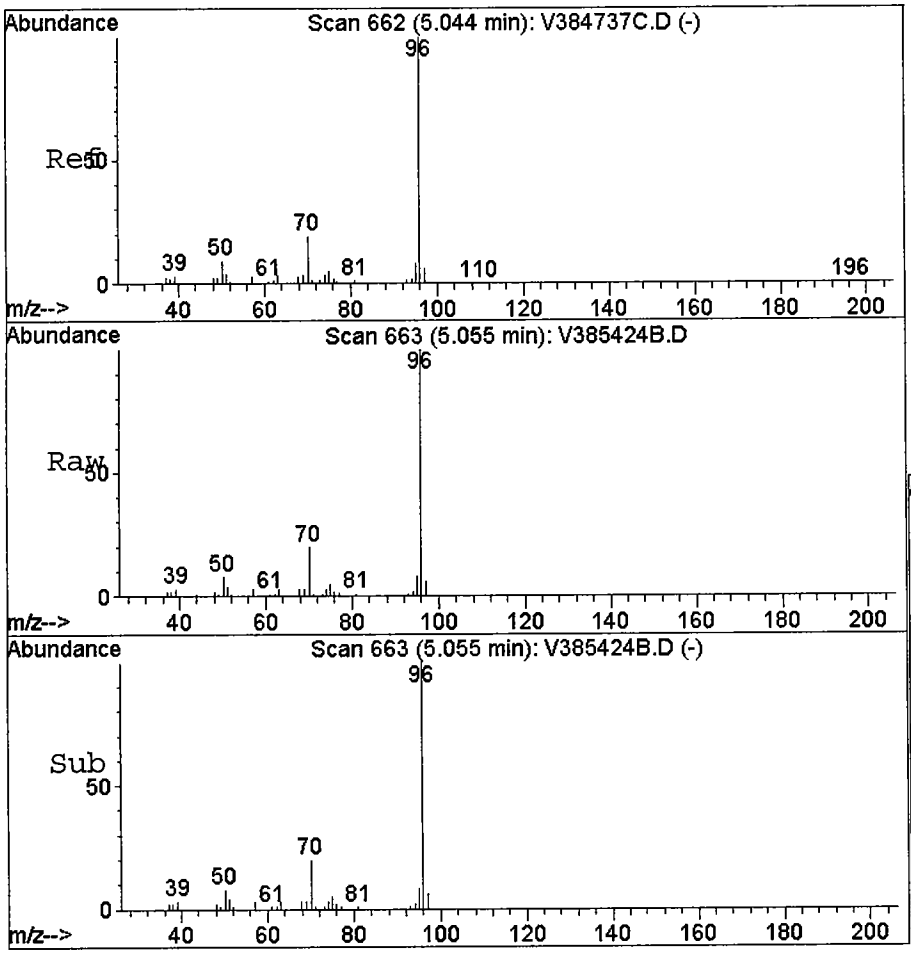
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385424B.D Vial: 33
Acq On : 6 Jun 2012 5:42 am Operator: SS
Sample : BF20125-BLK1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:00 19112 Quant Results File: V3RCPB47.RES

Method : G:\MSVOA3~1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

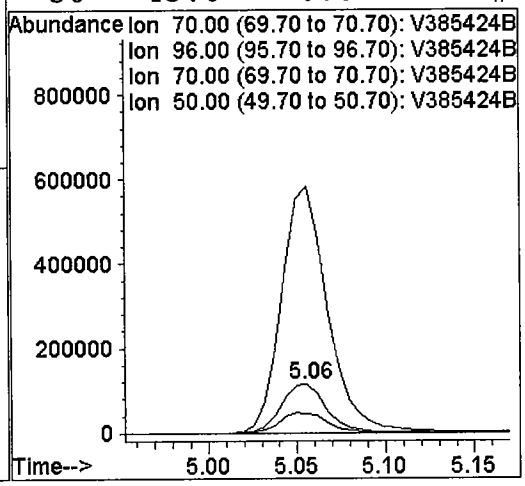


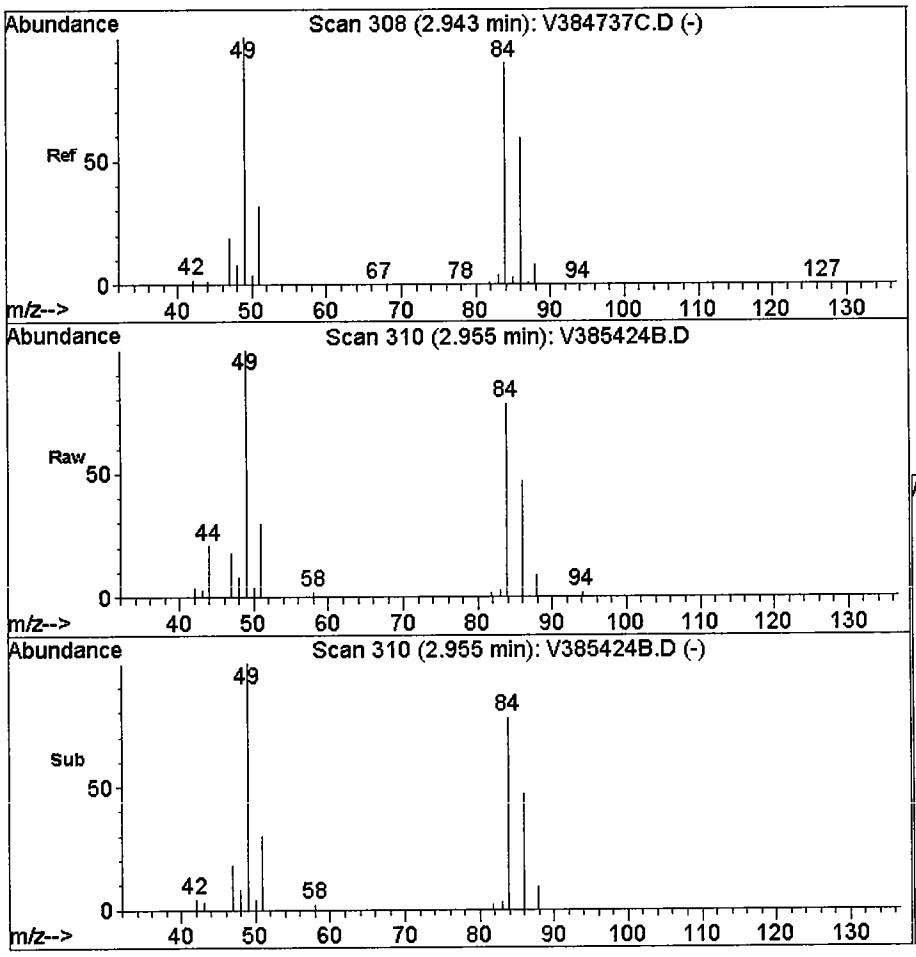


#1
FLUOROBENZENE(ISTD)
Concen: 10.00 ppb
RT: 5.06 min Scan# 663
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 70 Resp: 205639

Ion	Ratio	Lower	Upper
70	100		
96	0.0	414.8	622.2#
70	100.0	80.0	120.0
50	43.6	0.0	0.0#

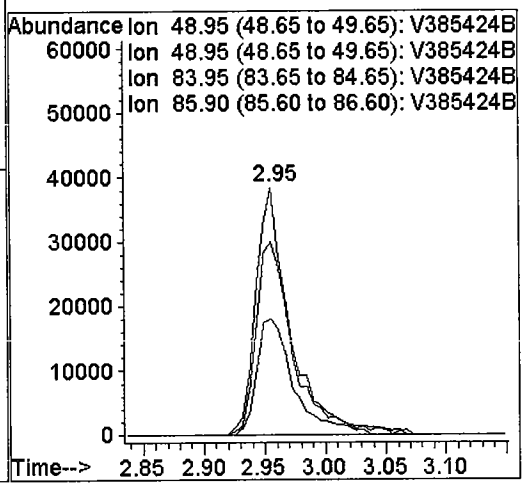


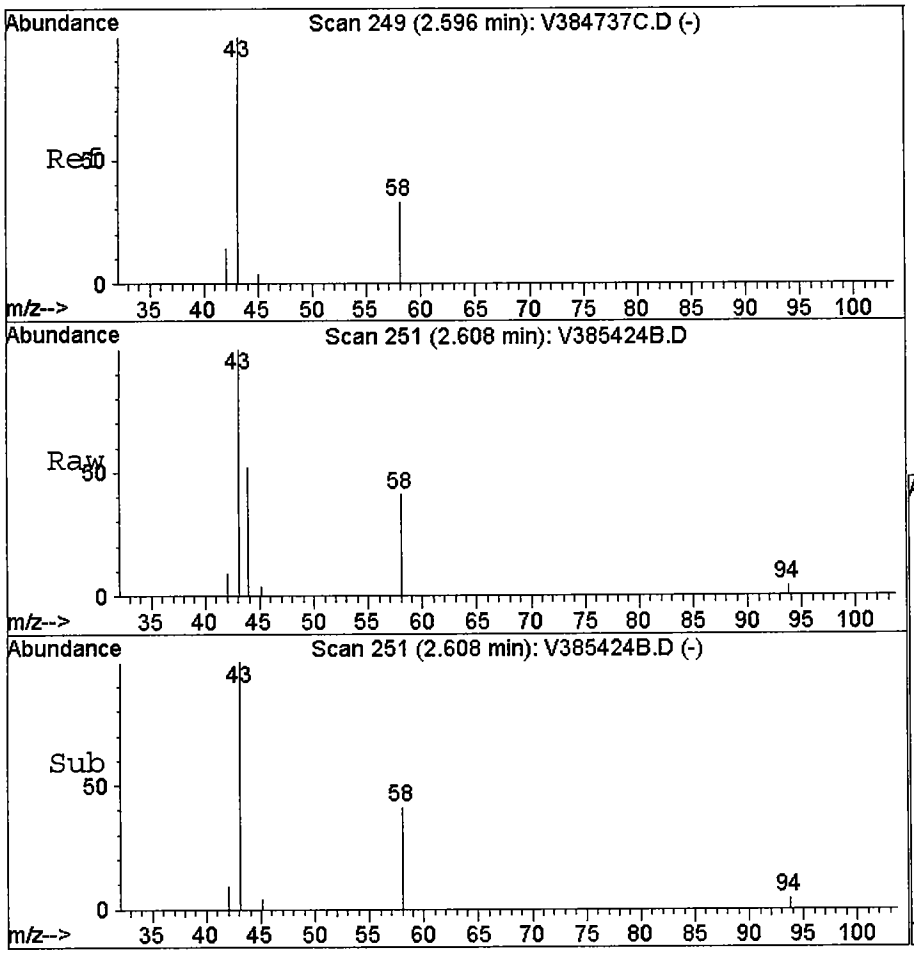


#16
Methylene Chloride
Concen: 1.57 ppb
RT: 2.95 min Scan# 310
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 49 Resp: 76555

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	84.5	68.4	102.6
86	50.4	42.5	63.7

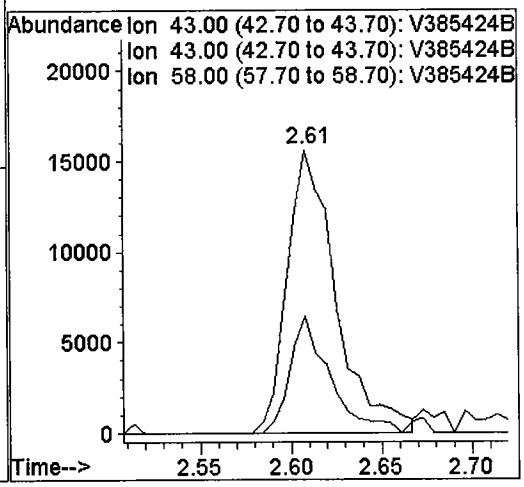


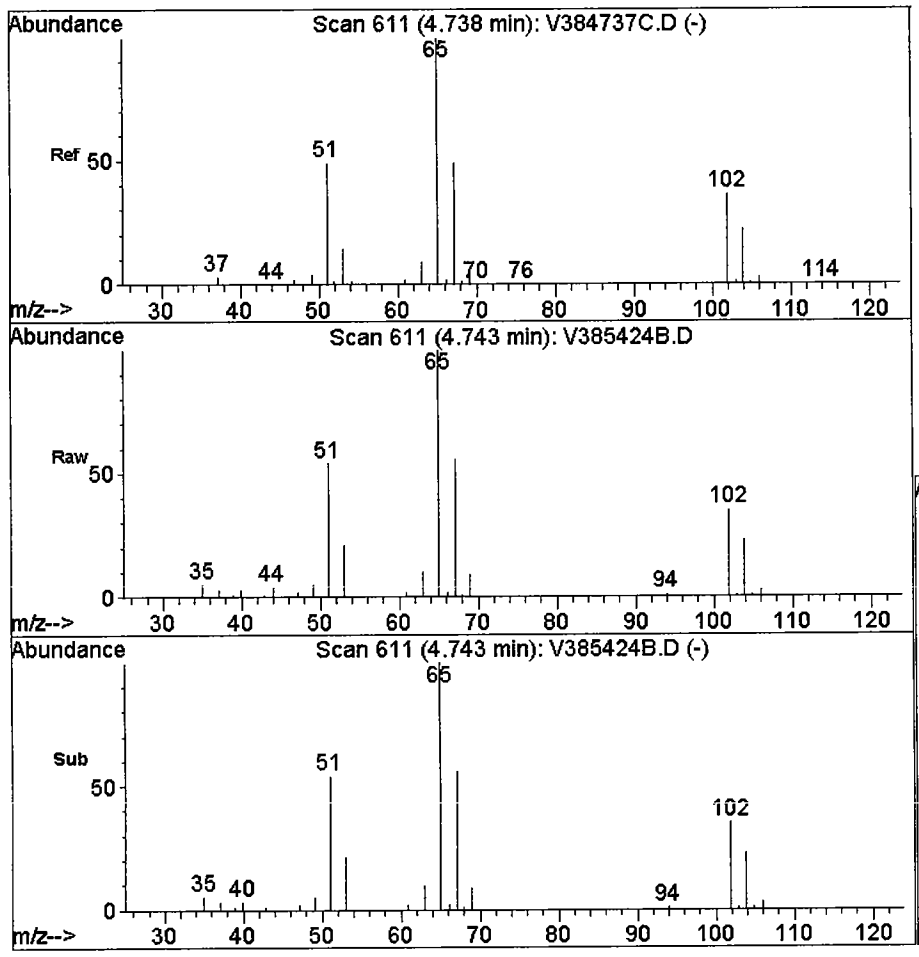


#19
Acetone
Concen: 6.04 ppb
RT: 2.61 min Scan# 251
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 43 Resp: 29294

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	35.4	24.0	36.0

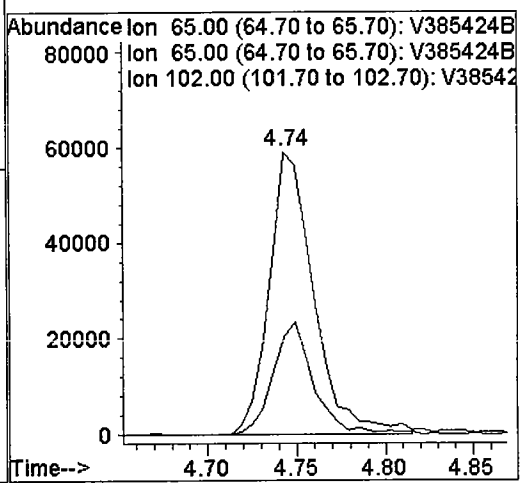


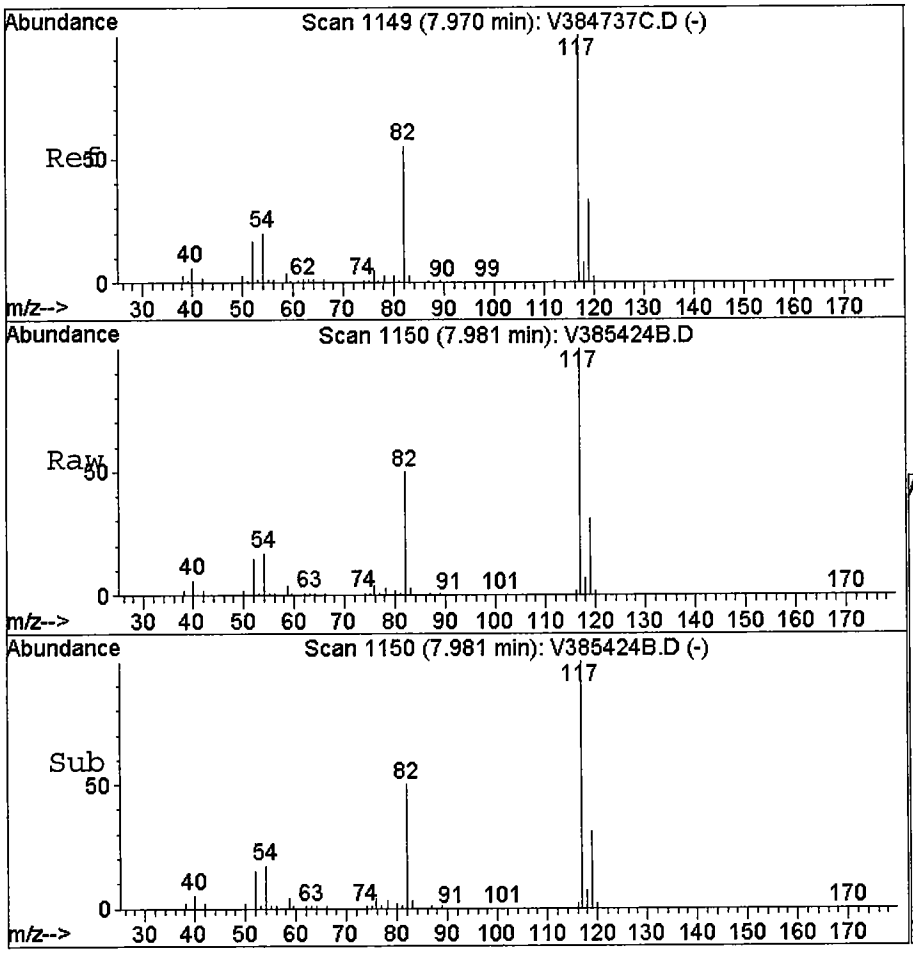


#31
d4-1,2-Dichloroethane(SURR)
Concen: 10.28 ppb
RT: 4.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 65 Resp: 103615

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	36.0	29.8	44.8

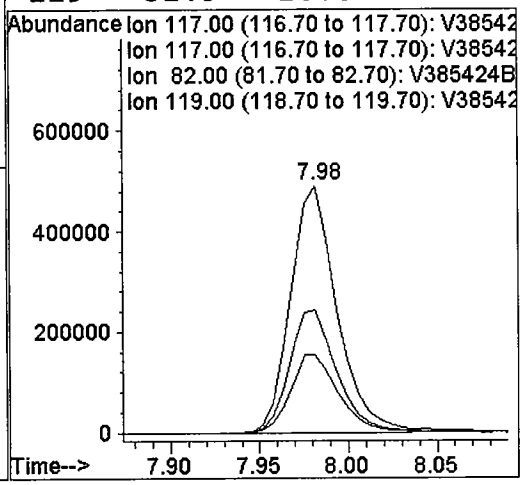


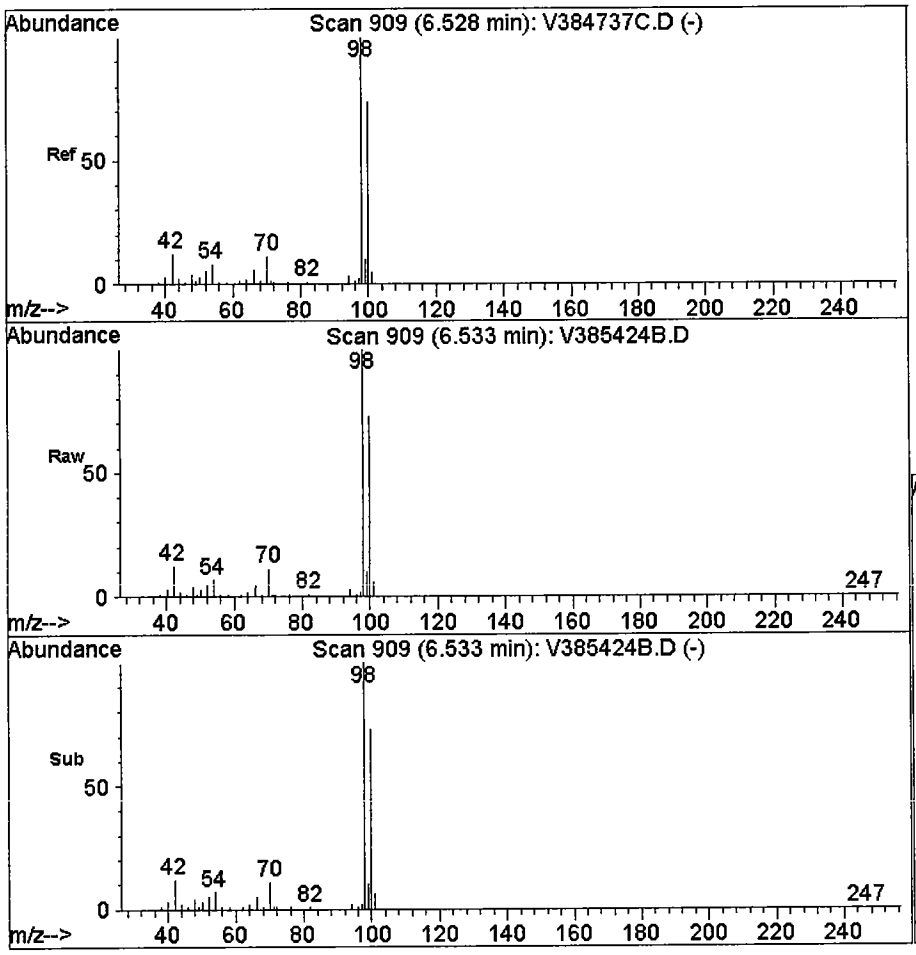


#35
CHLOROBENZENE-d5(ISTD)
Concen: 10.00 ppb
RT: 7.98 min Scan# 1150
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion:117 Resp: 884391

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.9	26.5	39.7

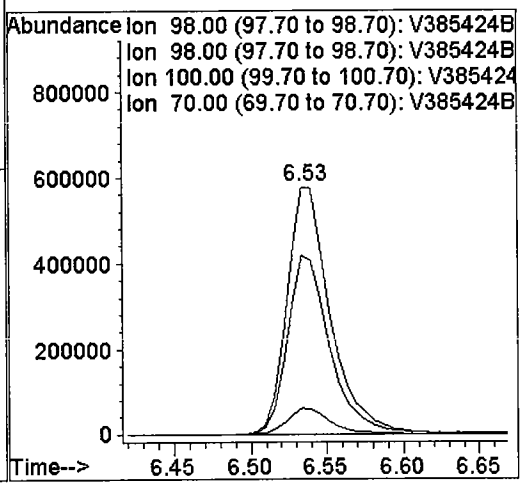


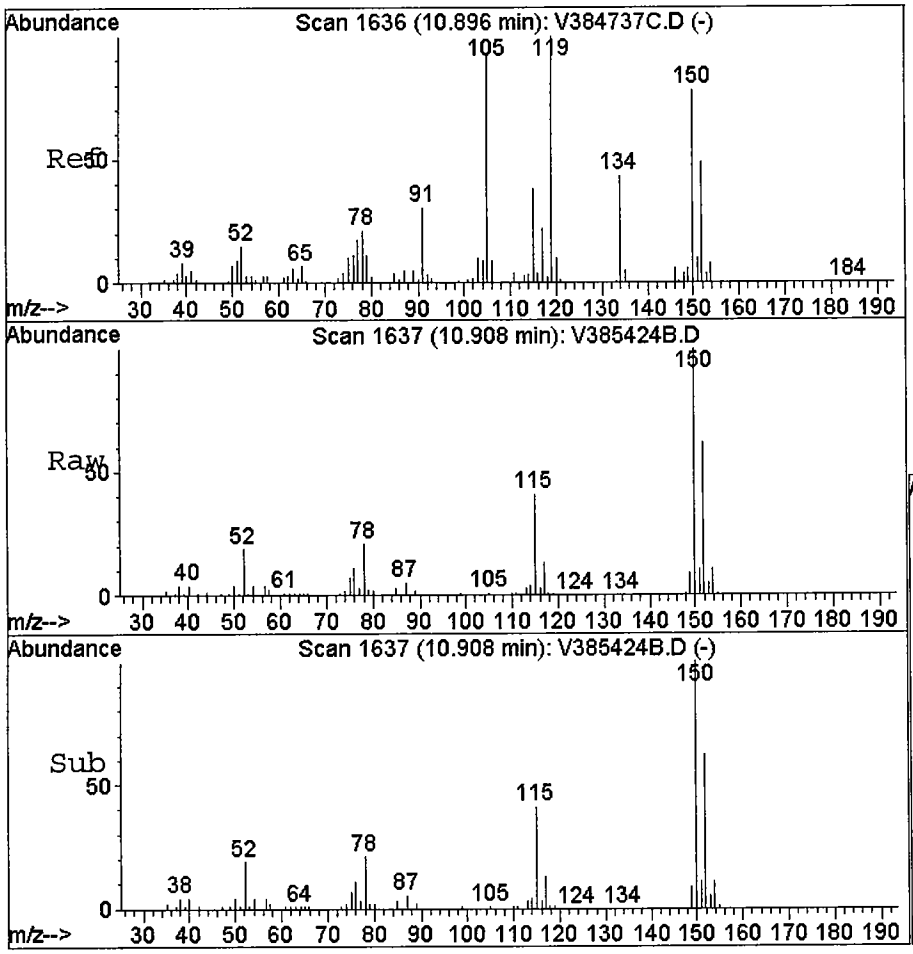


#44
Toluene-d8(SURR)
Concen: 10.04 ppb
RT: 6.53 min Scan# 909
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 98 Resp: 1141243

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	36.1	108.2
70	0.0	0.0	0.0

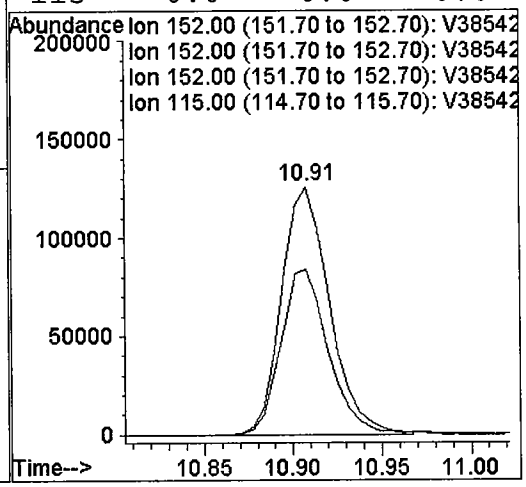


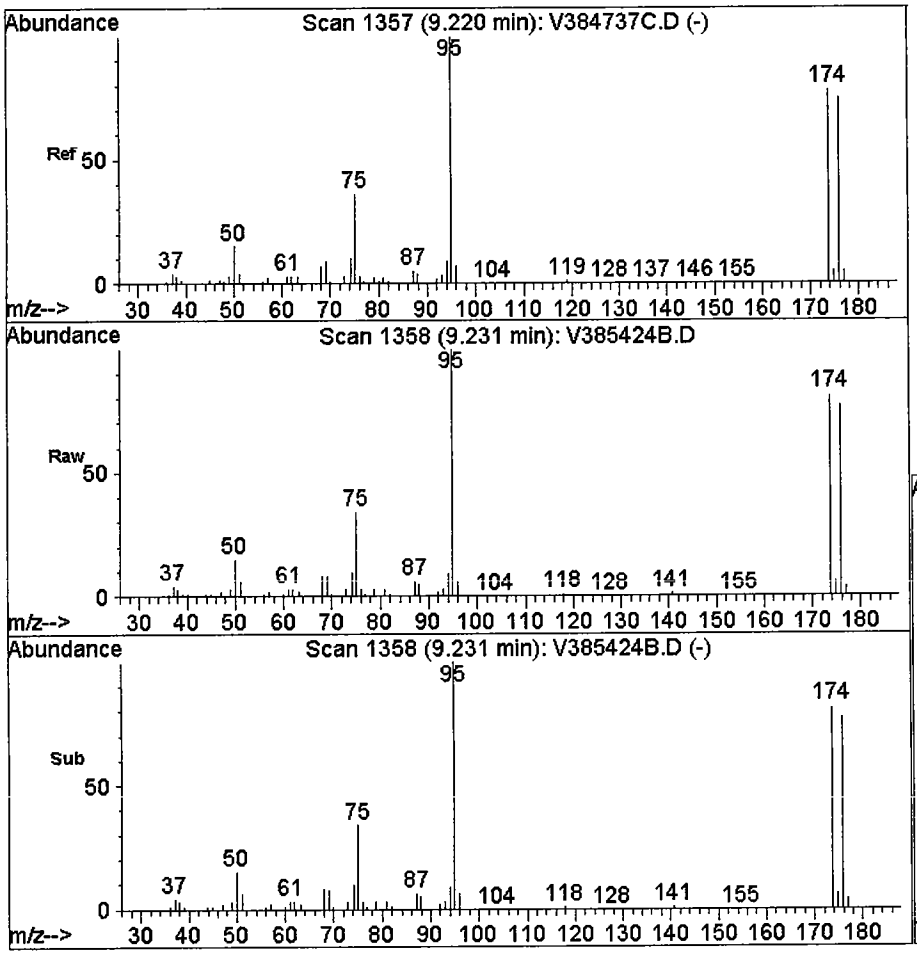


#59
1,2-DICHLOROBENZENE-d4(IST
Concen: 10.00 ppb
RT: 10.91 min Scan# 1637
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion:152 Resp: 237230

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	0.0	0.0

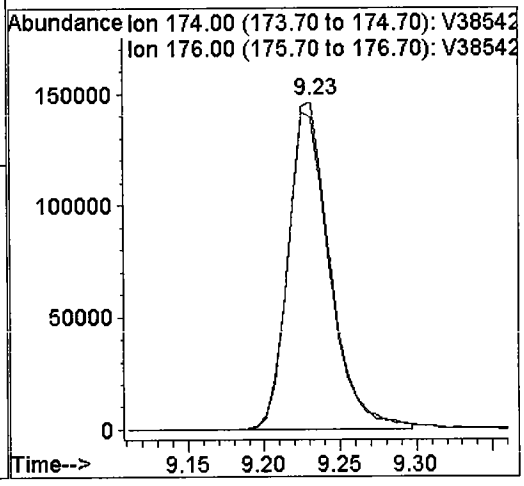




#61
p-Bromofluorobenzene(SURR)
Concen: 9.39 ppb
RT: 9.23 min Scan# 1358
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion:174 Resp: 281610

Ion	Ratio	Lower	Upper
174	100		
176	96.3	76.5	114.7



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.8	108	82.3 - 130
1,1,1-Trichloroethane	10.0	10.9	109	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	8.90	89.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.2	102	71.1 - 129
1,1,2-Trichloroethane	10.0	10.8	108	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	79.6 - 132
1,1-Dichloroethylene	10.0	10.5	105	80.2 - 146
1,1-Dichloropropylene	10.0	11.9	119	75 - 136
1,2,3-Trichlorobenzene	10.0	12.5	125	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.6	126	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.65	96.5	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	10.6	106	58.9 - 140
1,2-Dibromoethane	10.0	11.1	111	79 - 130
1,2-Dichlorobenzene	10.0	9.64	96.4	76.1 - 122
1,2-Dichloroethane	10.0	11.4	114	74.6 - 132
1,2-Dichloropropane	10.0	10.4	104	76.9 - 129
1,3,5-Trimethylbenzene	10.0	8.72	87.2	70.6 - 127
1,3-Dichlorobenzene	10.0	9.33	93.3	77 - 124
1,3-Dichloropropane	10.0	10.9	109	75.8 - 126
1,4-Dichlorobenzene	10.0	9.79	97.9	76.6 - 125
2,2-Dichloropropane	10.0	9.64	96.4	69 - 133
2-Chlorotoluene	10.0	8.91	89.1	66.3 - 119
2-Hexanone	10.0	11.4	114	70 - 130
4-Chlorotoluene	10.0	8.95	89.5	69.2 - 127
Acetone	10.0	7.99	79.9	70 - 130
Benzene	10.0	10.6	106	76.2 - 129
Bromobenzene	10.0	9.00	90.0	71.3 - 123
Bromochloromethane	10.0	10.9	109	70.8 - 137
Bromodichloromethane	10.0	11.5	115	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	10.3	103	70.5 - 141
Bromomethane	10.0	9.56	95.6	43.9 - 147
Carbon tetrachloride	10.0	12.1	121	78.1 - 138
Chlorobenzene	10.0	10.4	104	80.4 - 125
Chloroethane	10.0	9.15	91.5	55.8 - 140
Chloroform	10.0	10.8	108	76.6 - 133
Chloromethane	10.0	8.52	85.2	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.6	106	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.2	102	74.5 - 128
Dibromochloromethane	10.0	11.9	119	79.8 - 134
Dibromomethane	10.0	11.1	111	79 - 130
Dichlorodifluoromethane	10.0	7.10	71.0	47.1 - 101
Ethyl Benzene	10.0	11.1	111	80.8 - 128
Hexachlorobutadiene	10.0	10.8	108	64.8 - 128
Isopropylbenzene	10.0	9.50	95.0	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	10.7	107	65.1 - 140
Methylene chloride	10.0	6.27	62.7	61.3 - 120
Naphthalene	10.0	12.0	120	62.3 - 148
n-Butylbenzene	10.0	9.72	97.2	67.2 - 123
n-Propylbenzene	10.0	9.18	91.8	70.5 - 127
o-Xylene	10.0	10.2	102	75.9 - 122
p- & m- Xylenes	20.0	21.0	105	77.7 - 127
p-Isopropyltoluene	10.0	9.86	98.6	75.6 - 129
sec-Butylbenzene	10.0	9.07	90.7	71.5 - 125
Styrene	10.0	10.6	106	77.8 - 123
tert-Butylbenzene	10.0	8.96	89.6	75.9 - 151
Tetrachloroethylene	10.0	11.1	111	63.6 - 167
Toluene	10.0	10.4	104	77 - 123
trans-1,2-Dichloroethylene	10.0	10.3	103	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.2	112	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	10.5	105	77.9 - 130
Trichlorofluoromethane	10.0	9.54	95.4	57.4 - 133
Vinyl Chloride	10.0	8.77	87.7	54.9 - 124

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385420L.D Vial: 29
Acq On : 6 Jun 2012 4:00 am Operator: SS
Sample : BF20125-BS1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	194795	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	866612	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.91	152	241440	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	99766	10.45	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 104.50%				
44) Toluene-d8(SURR)	6.53	98	1071413	9.62	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.20%				
61) p-Bromofluorobenzene(SURR)	9.23	174	275487	9.03	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 90.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	550424	7.10	ppb		99
3) Chloromethane	1.52	50	674535	8.52	ppb		100
4) Vinyl Chloride	1.61	62	668493	8.77	ppb		100
5) Bromomethane	1.86	94	251753	9.56	ppb		97
6) Chloroethane	1.94	64	306225	9.15	ppb		100
7) Trichlorofluoromethane	2.14	101	527684	9.54	ppb		100
8) Freon-113	2.57	101	456129	10.17	ppb		99
9) 1,1-Dichloroethylene	2.56	61	510084	10.50	ppb		100
10) Acrolien	2.48	56	6503	5.52	ppb		86
11) Iodomethane	2.68	142	170743	7.71	ppb		100
12) Methyl Acetate	2.88	43	54780	13.57	ppb		98
13) Ethyl Ether	2.38	59	116486	10.39	ppb		98
14) trans-1,2-Dichloroethylene	3.18	61	424840	10.33	ppb		98
15) Carbon Disulfide	2.74	76	2153454	18.30	ppb		100
16) Methylene Chloride	2.95	49	289106	6.27	ppb		99
17) Acrylonitrile	3.15	53	21639	11.33	ppb		92
18) tert-Butyl Methyl Ether (M	3.20	73	193783	10.69	ppb		100
19) Acetone	2.60	43	36669	7.99	ppb		98
20) 1,1-Dichloroethane	3.54	63	651481	10.71	ppb		99
21) Vinyl Acetate	3.59	43	166760	8.23	ppb		100
22) cis-1,2-Dichloroethylene	4.04	96	399456	10.65	ppb	#	100
23) 2-Butanone	4.05	72	9697	11.94	ppb		90
24) 2,2-Dichloropropane	4.04	77	401082	9.64	ppb		100
25) Bromochloromethane	4.24	49	164240	10.86	ppb	#	55
26) Chloroform	4.31	83	533142	10.79	ppb		100
27) Tetrahydrofuran	4.30	71	8604	12.39	ppb	#	56
28) 1,1-Dichloropropylene	4.62	75	591658	11.91	ppb		99
29) 1,1,1-Trichloroethane	4.48	97	579714	10.94	ppb		100
30) Cyclohexane	4.54	56	864750	9.41	ppb		100
32) Carbon Tetrachloride	4.63	117	509786	12.08	ppb	#	92
33) 1,2-Dichloroethane	4.81	62	182281	11.41	ppb		99
34) Benzene	4.80	78	1433369	10.62	ppb	#	100
36) Trichloroethylene	5.39	95	443986	10.48	ppb	#	100
37) Methyl Cyclohexane	5.57	83	885889	9.86	ppb	#	100
38) Dibromomethane	5.69	93	98298	11.11	ppb		98
39) Methyl Methacrylate	5.71	69	67064	11.76	ppb		98
40) Bromodichloromethane	5.84	83	296163	11.52	ppb		100
41) 1,2-Dichloropropane	5.59	63	281448	10.36	ppb		99

(#) = qualifier out of range (m) = manual integration
V385420L.D V3RCPB47.M Fri Jun 08 16:09:04 2012

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385420L.D Vial: 29
Acq On : 6 Jun 2012 4:00 am Operator: SS
Sample : BF20125-BS1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

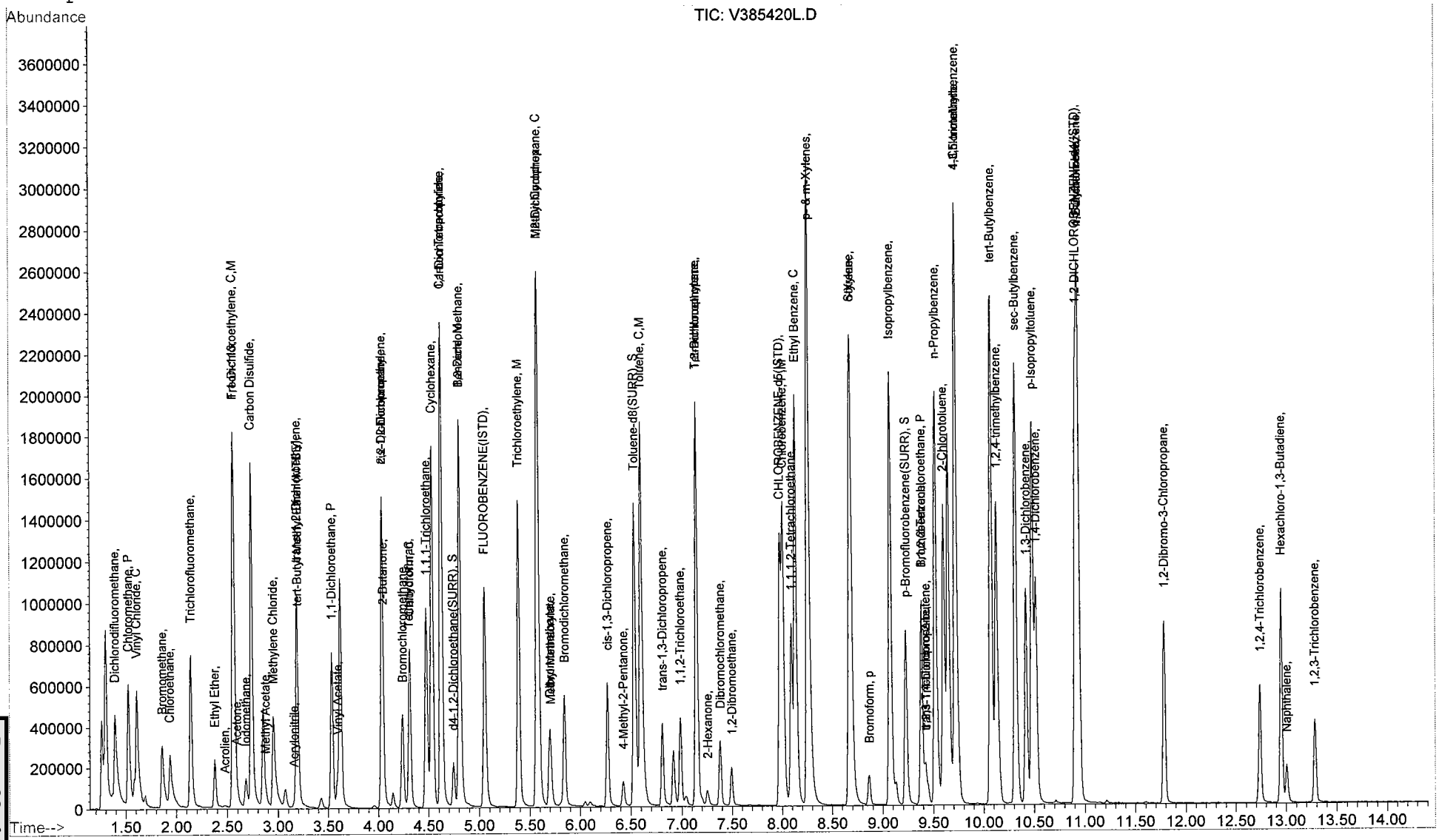
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	cis-1,3-Dichloropropene	6.27	75	320474	10.16	ppb		100
43)	2-Hexanone	7.25	43	53336	11.39	ppb		96
45)	Toluene	6.60	91	1496183	10.39	ppb		99
46)	trans-1,3-Dichloropropene	6.81	75	201004	11.22	ppb		99
47)	1,1,2-Trichloroethane	6.99	83	112339	10.83	ppb		98
48)	1,3-Dichloropropane	7.15	76	229645	10.94	ppb	#	86
49)	Tetrachloroethylene	7.15	166	504222	11.13	ppb		99
50)	4-Methyl-2-Pentanone	6.43	43	89061	11.59	ppb		100
51)	Dibromochloromethane	7.38	129	166094	11.89	ppb		97
52)	1,2-Dibromoethane	7.50	107	125872	11.07	ppb		98
53)	Chlorobenzene	8.01	112	851633	10.38	ppb		99
54)	Ethyl Benzene	8.13	91	1698879	11.08	ppb		100
55)	p- & m-Xylenes	8.26	91	2405568	21.01	ppb		99
56)	o-Xylene	8.67	91	1112897	10.23	ppb		100
57)	Styrene	8.69	104	816962	10.57	ppb		99
58)	1,1,1,2-Tetrachloroethane	8.09	131	240201	10.75	ppb		97
60)	Bromoform	8.87	173	66923	10.29	ppb	#	100
62)	1,1,2,2-Tetrachloroethane	9.38	83	124613	8.90	ppb		98
63)	1,2,3-Trichloropropane	9.42	110	33180	9.89	ppb		89
64)	Isopropylbenzene	9.07	105	1761528	9.50	ppb	#	100
65)	1,2-Dibromo-3-Chloropropan	11.79	75	13614	10.55	ppb		95
66)	Bromobenzene	9.38	77	411675	9.00	ppb		100
67)	trans-1,4-Dichloro-2-buten	9.42	75	121449	9.44	ppb		100
68)	n-Propylbenzene	9.52	91	1998633	9.18	ppb		100
69)	2-Chlorotoluene	9.60	91	1046824	8.91	ppb		100
70)	4-Chlorotoluene	9.72	91	964017	8.95	ppb		100
71)	tert-Butylbenzene	10.07	119	1256843	8.96	ppb	#	90
72)	1,3,5-trimethylbenzene	9.72	105	1161095	8.72	ppb	#	99
73)	1,2,4-trimethylbenzene	10.13	105	1061890	9.65	ppb		95
74)	sec-Butylbenzene	10.31	105	1914482	9.07	ppb		100
75)	1,3-Dichlorobenzene	10.42	146	514729	9.33	ppb	#	68
76)	1,4-Dichlorobenzene	10.52	146	471667	9.79	ppb	#	82
77)	1,2-Dichlorobenzene	10.93	146	371387	9.64	ppb	#	99
78)	p-Isopropyltoluene	10.48	119	1392566	9.86	ppb	#	100
79)	n-Butylbenzene	10.94	91	1324142	9.72	ppb	#	99
80)	1,2,4-Trichlorobenzene	12.74	180	202895	12.62	ppb		99
81)	Naphthalene	13.01	128	161980	12.04	ppb	#	100
82)	Hexachloro-1,3-Butadiene	12.95	225	190138	10.84	ppb	#	99
83)	1,2,3-Trichlorobenzene	13.28	182	130662	12.53	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385420L.D Vial: 29
Acq On : 6 Jun 2012 4:00 am Operator: SS
Sample : BF20125-BS1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.9	109	1.39	21.1	82.3 - 130
1,1,1-Trichloroethane	10.0	10.7	107	1.85	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	9.16	91.6	2.88	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.3	103	0.881	21.7	71.1 - 129
1,1,2-Trichloroethane	10.0	10.6	106	1.96	20.3	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	0.374	20.6	79.6 - 132
1,1-Dichloroethylene	10.0	10.3	103	2.02	20	80.2 - 146
1,1-Dichloropropylene	10.0	9.03	90.3	27.5 *	19.3	75 - 136
1,2,3-Trichlorobenzene	10.0	12.1	121	3.24	21.6	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	0.00	23.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.0	120	5.37	21.7	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.92	99.2	2.76	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	11.7	117	10.3	27.7	58.9 - 140
1,2-Dibromoethane	10.0	11.0	110	1.09	23	79 - 130
1,2-Dichlorobenzene	10.0	9.62	96.2	0.208	19.8	76.1 - 122
1,2-Dichloroethane	10.0	11.2	112	1.77	20.2	74.6 - 132
1,2-Dichloropropane	10.0	10.3	103	0.387	20.7	76.9 - 129
1,3,5-Trimethylbenzene	10.0	9.67	96.7	10.3	18.9	70.6 - 127
1,3-Dichlorobenzene	10.0	9.58	95.8	2.64	19.2	77 - 124
1,3-Dichloropropane	10.0	10.6	106	2.78	22.1	75.8 - 126
1,4-Dichlorobenzene	10.0	9.57	95.7	2.27	18.6	76.6 - 125
2,2-Dichloropropane	10.0	9.22	92.2	4.45	19.8	69 - 133
2-Chlorotoluene	10.0	9.15	91.5	2.66	21.6	66.3 - 119
2-Hexanone	10.0	11.4	114	0.0878	30	70 - 130
4-Chlorotoluene	10.0	9.29	92.9	3.73	19	69.2 - 127
Acetone	10.0	7.76	77.6	2.92	30	70 - 130
Benzene	10.0	10.5	105	1.14	19	76.2 - 129
Bromobenzene	10.0	9.14	91.4	1.54	20.3	71.3 - 123
Bromochloromethane	10.0	10.2	102	5.97	23.9	70.8 - 137
Bromodichloromethane	10.0	11.7	117	1.46	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	10.5	105	2.02	21.8	70.5 - 141
Bromomethane	10.0	10.1	101	5.69	28.4	43.9 - 147
Carbon tetrachloride	10.0	9.67	96.7	22.2 *	20.1	78.1 - 138
Chlorobenzene	10.0	10.4	104	0.192	19.9	80.4 - 125
Chloroethane	10.0	9.25	92.5	1.09	23.3	55.8 - 140
Chloroform	10.0	10.6	106	1.59	20.3	76.6 - 133
Chloromethane	10.0	8.44	84.4	0.943	24.5	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.4	104	1.90	20.5	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.3	103	1.56	19.9	74.5 - 128
Dibromochloromethane	10.0	11.7	117	1.35	21.3	79.8 - 134
Dibromomethane	10.0	11.0	110	1.27	22.4	79 - 130
Dichlorodifluoromethane	10.0	6.68	66.8	6.10	23.9	47.1 - 101
Ethyl Benzene	10.0	11.2	112	1.34	19.2	80.8 - 128
Hexachlorobutadiene	10.0	11.1	111	2.64	20.6	64.8 - 128
Isopropylbenzene	10.0	9.93	99.3	4.43	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	4.03	23.6	65.1 - 140
Methylene chloride	10.0	6.20	62.0	1.12	20.4	61.3 - 120
Naphthalene	10.0	11.4	114	5.64	27.1	62.3 - 148
n-Butylbenzene	10.0	9.83	98.3	1.13	19.1	67.2 - 123
n-Propylbenzene	10.0	9.60	96.0	4.47	23.4	70.5 - 127
o-Xylene	10.0	10.2	102	0.392	19.3	75.9 - 122
p- & m- Xylenes	20.0	21.2	106	0.947	18.6	77.7 - 127
p-Isopropyltoluene	10.0	9.98	99.8	1.21	19.1	75.6 - 129
sec-Butylbenzene	10.0	9.51	95.1	4.74	18.9	71.5 - 125
Styrene	10.0	10.4	104	2.01	20.9	77.8 - 123
tert-Butylbenzene	10.0	9.24	92.4	3.08	20.9	75.9 - 151
Tetrachloroethylene	10.0	12.2	122	9.42	27.7	63.6 - 167
Toluene	10.0	10.5	105	0.671	18.7	77 - 123
trans-1,2-Dichloroethylene	10.0	9.97	99.7	3.55	19.5	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.3	113	0.445	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	10.0	10.6	106	1.33	20.5	77.9 - 130
Trichlorofluoromethane	10.0	9.50	95.0	0.420	21.4	57.4 - 133
Vinyl Chloride	10.0	8.64	86.4	1.49	22.3	54.9 - 124

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385422U.D Vial: 31
Acq On : 6 Jun 2012 4:52 am Operator: SS
Sample : BF20125-BSD1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.04	70	186743	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	815902	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	217928	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	97043	10.60	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 106.00%				
44) Toluene-d8(SURR)	6.53	98	1014393	9.68	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.80%				
61) p-Bromofluorobenzene(SURR)	9.23	174	252389	9.16	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 91.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	495979	6.68	ppb		100
3) Chloromethane	1.52	50	640614	8.44	ppb		100
4) Vinyl Chloride	1.60	62	631178	8.64	ppb		100
5) Bromomethane	1.85	94	255598	10.12	ppb		100
6) Chloroethane	1.92	64	296561	9.25	ppb		100
7) Trichlorofluoromethane	2.13	101	503853	9.50	ppb		100
8) Freon-113	2.55	101	441304	10.26	ppb		98
9) 1,1-Dichloroethylene	2.55	61	479428	10.29	ppb		99
10) Acrolien	2.47	56	5486	4.85	ppb	#	72
11) Iodomethane	2.67	142	184643	8.70	ppb		100
12) Methyl Acetate	2.87	43	52256	13.50	ppb		98
13) Ethyl Ether	2.37	59	106029	9.87	ppb	#	70
14) trans-1,2-Dichloroethylene	3.17	61	393123	9.97	ppb		99
15) Carbon Disulfide	2.72	76	2050395	18.18	ppb		100
16) Methylene Chloride	2.94	49	273962	6.20	ppb		98
17) Acrylonitrile	3.15	53	18611	10.16	ppb		97
18) tert-Butyl Methyl Ether (M	3.19	73	193531	11.13	ppb		99
19) Acetone	2.59	43	34179	7.76	ppb	#	96
20) 1,1-Dichloroethane	3.52	63	621938	10.67	ppb		99
21) Vinyl Acetate	3.58	43	156633	8.07	ppb		99
22) cis-1,2-Dichloroethylene	4.02	96	375771	10.45	ppb	#	100
23) 2-Butanone	4.04	72	9706	12.47	ppb		90
24) 2,2-Dichloropropane	4.02	77	367567	9.22	ppb		100
25) Bromochloromethane	4.23	49	148265	10.23	ppb	#	97
26) Chloroform	4.30	83	503134	10.62	ppb		100
27) Tetrahydrofuran	4.29	71	8398	12.62	ppb	#	51
28) 1,1-Dichloropropylene	4.62	75	429780	9.03	ppb		99
29) 1,1,1-Trichloroethane	4.47	97	545737	10.74	ppb		99
30) Cyclohexane	4.52	56	819453	9.30	ppb		99
32) Carbon Tetrachloride	4.62	117	390907	9.67	ppb		99
33) 1,2-Dichloroethane	4.80	62	171710	11.21	ppb		100
34) Benzene	4.80	78	1359112	10.50	ppb	#	95
36) Trichloroethylene	5.38	95	423772	10.62	ppb	#	99
37) Methyl Cyclohexane	5.57	83	842005	9.95	ppb	#	100
38) Dibromomethane	5.69	93	91381	10.97	ppb		99
39) Methyl Methacrylate	5.70	69	66168	12.32	ppb		100
40) Bromodichloromethane	5.84	83	283040	11.69	ppb		100
41) 1,2-Dichloropropane	5.58	63	263762	10.32	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385422U.D Vial: 31
Acq On : 6 Jun 2012 4:52 am Operator: SS
Sample : BF20125-BSD1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

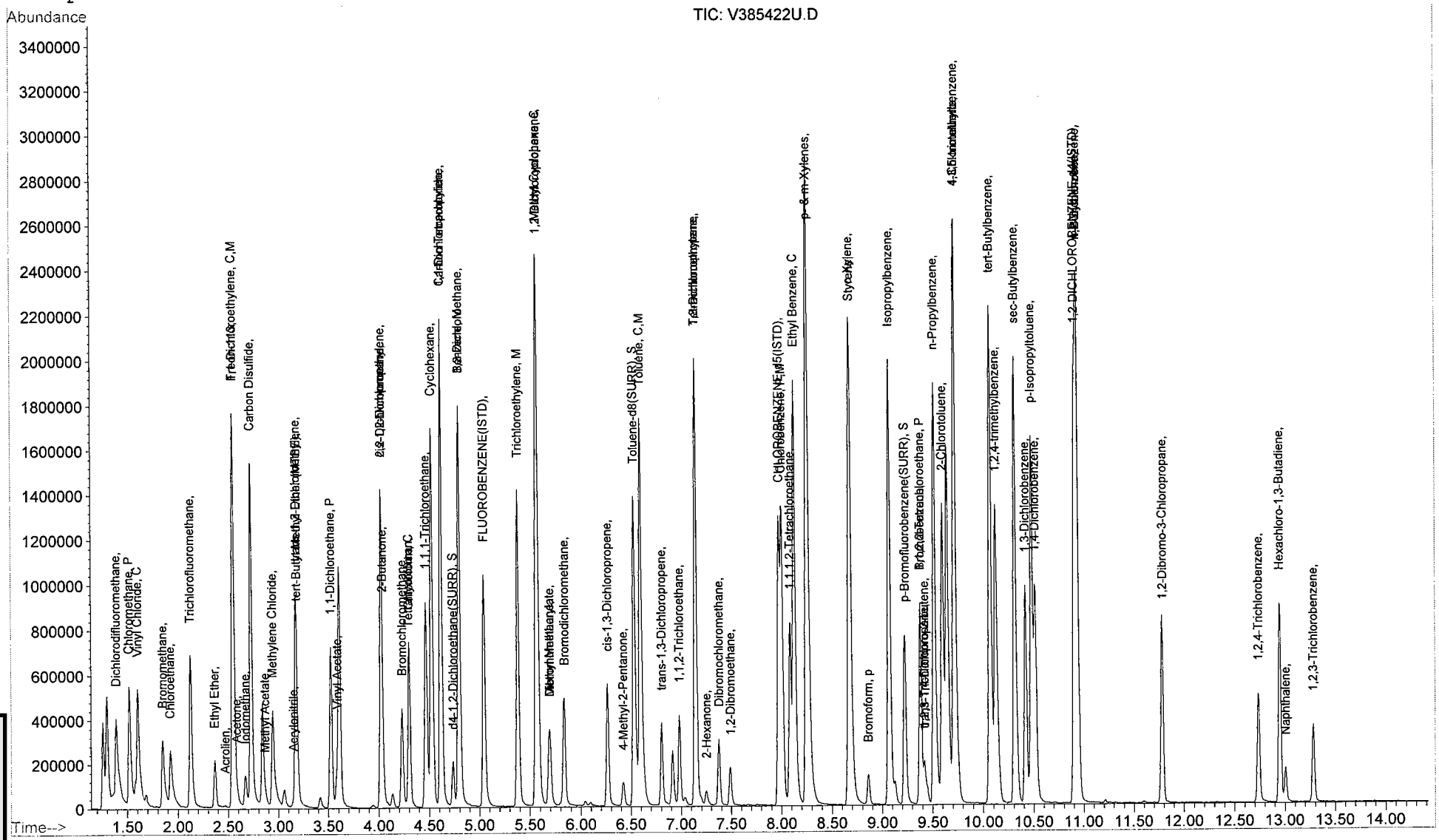
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	cis-1,3-Dichloropropene	6.26	75	306603	10.32	ppb		100
43)	2-Hexanone	7.25	43	50182	11.38	ppb		96
45)	Toluene	6.59	91	1418494	10.46	ppb		99
46)	trans-1,3-Dichloropropene	6.80	75	190035	11.27	ppb		99
47)	1,1,2-Trichloroethane	6.98	83	103796	10.62	ppb		99
48)	1,3-Dichloropropane	7.15	76	210201	10.64	ppb	#	99
49)	Tetrachloroethylene	7.14	166	521632	12.23	ppb		100
50)	4-Methyl-2-Pentanone	6.41	43	79143	10.94	ppb		100
51)	Dibromochloromethane	7.38	129	154355	11.73	ppb		98
52)	1,2-Dibromoethane	7.49	107	117211	10.95	ppb		98
53)	Chlorobenzene	8.01	112	803540	10.40	ppb		99
54)	Ethyl Benzene	8.13	91	1620678	11.23	ppb		100
55)	p- & m-Xylenes	8.25	91	2286630	21.21	ppb		99
56)	o-Xylene	8.67	91	1042940	10.19	ppb		100
57)	Styrene	8.69	104	753632	10.36	ppb		100
58)	1,1,1,2-Tetrachloroethane	8.08	131	229377	10.90	ppb		97
60)	Bromoform	8.86	173	61614	10.50	ppb	#	100
62)	1,1,2,2-Tetrachloroethane	9.38	83	115726	9.16	ppb		100
63)	1,2,3-Trichloropropane	9.42	110	29955	9.89	ppb		95
64)	Isopropylbenzene	9.07	105	1661968	9.93	ppb	#	100
65)	1,2-Dibromo-3-Chloropropan	11.79	75	13629	11.70	ppb	#	71
66)	Bromobenzene	9.38	77	377392	9.14	ppb		100
67)	trans-1,4-Dichloro-2-buten	9.42	75	110364	9.51	ppb		100
68)	n-Propylbenzene	9.51	91	1885936	9.60	ppb		100
69)	2-Chlorotoluene	9.60	91	970699	9.15	ppb		100
70)	4-Chlorotoluene	9.72	91	903170	9.29	ppb		100
71)	tert-Butylbenzene	10.07	119	1169862	9.24	ppb	#	99
72)	1,3,5-trimethylbenzene	9.71	105	1162892	9.67	ppb	#	99
73)	1,2,4-trimethylbenzene	10.12	105	985199	9.92	ppb		95
74)	sec-Butylbenzene	10.31	105	1813383	9.51	ppb		100
75)	1,3-Dichlorobenzene	10.42	146	477169	9.58	ppb	#	68
76)	1,4-Dichlorobenzene	10.52	146	416231	9.57	ppb	#	82
77)	1,2-Dichlorobenzene	10.93	146	334700	9.62	ppb	#	67
78)	p-Isopropyltoluene	10.48	119	1271670	9.98	ppb	#	90
79)	n-Butylbenzene	10.93	91	1208323	9.83	ppb	#	98
80)	1,2,4-Trichlorobenzene	12.74	180	173699	11.96	ppb		97
81)	Naphthalene	13.01	128	138147	11.38	ppb	#	99
82)	Hexachloro-1,3-Butadiene	12.95	225	176108	11.13	ppb	#	100
83)	1,2,3-Trichlorobenzene	13.28	182	114162	12.13	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385422U.D Vial: 31
Acq On : 6 Jun 2012 4:52 am Operator: SS
Sample : BF20125-BSD1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Sequence:
Instrument:
Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
LCS	BF20125-BS1	V385420L.D	06/06/12 04:00
LCS Dup	BF20125-BSD1	V385422U.D	06/06/12 04:52
Blank	BF20125-BLK1	V385424B.D	06/06/12 05:42
WQ053012:1325NP2-10	12F0116-01	V385430W.D	06/06/12 08:16

HOLDING TIME SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/05/12 16:35	6.13	14.00	06/06/12 08:16	0.65	14.00	

PREPARATION BENCH SHEET

BF20125

York Analytical Laboratories, Inc.

Printed: 6/11/2012 1:55:32PM

Matrix: Water

Surrogate used: Y10B029

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0112-01	Volatile Organics, CT RCP	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0112-02	Volatile Organics, CT RCP	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0115-01	Volatile Organics, 8260 Lis	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0115-02	Volatile Organics, 8260 Lis	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0116-01	Volatile Organics, 8260 Lis	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
BF20125-BLK1	QC	06/05/2012 08:3	AY	25	25				1	EPA 5030B	
BF20125-BS1	QC	06/05/2012 08:3	AY	25	25	Y10A023		5	1	EPA 5030B	
BF20125-BSD1	QC	06/05/2012 08:3	AY	25	25	Y10A023		5	1	EPA 5030B	

Batch Comments:

Injection Log

Directory: k:\hpchem\1\data\v3060512

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v385371b.d	1.	MBLK DW	QBV3060512A	5 Jun 12 08:21
2	2	v385372b.d	1.	MBLK DW	QBV3060512A	5 Jun 12 08:44
3	3	v385373c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 09:09
4	4	v385374c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 09:33
5	5	v385375b.d	1.	VOA METHOD BLANK STD DW	QBV3060512A	5 Jun 12 10:05
6	6	v385376b.d	1.	VOA METHOD BLANK STD DW	QBV3060512A	5 Jun 12 10:30
7	7	v385377c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 10:53
8	8	v385378c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 11:17
9	9	v385379c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 11:40
10	10	v385380c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 12:04
11	11	v385381c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 12:27
12	12	v385382c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 12:50
13	13	v385383c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 13:13
14	14	v385384c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 13:35
15	15	v385385c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 13:59
16	16	v385386c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 14:22
17	17	v385387l.d	1.	BF20105-BS1	QBV3060512A	5 Jun 12 14:46
18	18	v385388l.d	1.	BF20106-BS1	QBV3060512A	5 Jun 12 15:10
19	19	v385389u.d	1.	BF20105-BSD1	QBV3060512A	5 Jun 12 15:33
20	20	v385390u.d	1.	BF20106-BSD1	QBV3060512A	5 Jun 12 15:57
21	21	v385391b.d	1.	BF20105-BLK1	QBV3060512A	5 Jun 12 16:20
22	1	v385392b.d	1.	BF20106-BLK1	QBV3060512A	5 Jun 12 16:43
23	2	v385393w.d	10.	12E0968-01	QBV3060512A RCP RA RE 5ML/50ML VIAL 2	5 Jun 12 17:06
24	3	v385394w.d	5.	12F0064-01	QBV3060512A 375 LIST QA RE 10ML/50ML	5 Jun 12 17:29
25	4	v385395w.d	1.	12F0067-01	QBV3060512A 502-2W/MTBEW	5 Jun 12 17:52
26	5	v385396w.d	5.	12F0064-04	QBV3060512A 375 LIST QA RE 10ML/50ML	5 Jun 12 18:16
27	6	v385397w.d	1.	12F0113-01	QBV3060512A RCP RA	5 Jun 12 18:39
28	7	v385398w.d	1.	12F0071-01	QBV3060512A CP-51W	5 Jun 12 19:02
29	8	v385399w.d	1.	12F0113-02	QBV3060512A RCP RA	5 Jun 12 19:25
30	9	v385400w.d	1.	12F0071-02	QBV3060512A CP-51W	5 Jun 12 19:49
31	10	v385401w.d	1.	12F0113-03	QBV3060512A RCP RA	5 Jun 12 20:12
32	11	v385402w.d	1.	12F0071-03	QBV3060512A CP-51W	5 Jun 12 20:36
33	12	v385403w.d	1.	12F0113-04	QBV3060512A RCP RA	5 Jun 12 21:01
34	13	v385404w.d	1.	12F0098-05	QBV3060512A 524-2W	5 Jun 12 21:24
35	14	v385405w.d	1.	12F0113-05	QBV3060512A RCP RA	5 Jun 12 21:48
36	15	v385406w.d	1.	12F0098-06	QBV3060512A 524-2W	5 Jun 12 22:13
37	16	v385407w.d	1.	12F0113-06	QBV3060512A RCP RA	5 Jun 12 22:36
38	17	v385408w.d	1.	12F0098-07	QBV3060512A 524-2W	5 Jun 12 23:00
39	18	v385409w.d	1.	12F0113-07	QBV3060512A RCP RA	5 Jun 12 23:26
40	19	v385410m.d	1.	BF20106-MS1	QBV3060512A 064-01 MS 10ML/50ML	5 Jun 12 23:50
41	20	v385411w.d	1.	12F0113-08	QBV3060512A RCP RA	6 Jun 12 00:14
42	21	v385412d.d	1.	BF20106-MSD1	QBV3060512A 064-01 MSD 10ML/50ML	6 Jun 12 00:38
43	22	v385413b.d	1.	MBLK DW	QBV3060512B	6 Jun 12 01:04
44	23	v385414b.d	1.	MBLK DW	QBV3060512B	6 Jun 12 01:29
45	24	v385415c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512B	6 Jun 12 01:53
46	25	v385416c.d	1.	BS	QBV3060512B	6 Jun 12 02:18
47	26	v385417c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512B	6 Jun 12 02:45
48	27	v385418c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512B	6 Jun 12 03:09
49	28	v385419l.d	1.	BF20124-BS1	QBV3060512B	6 Jun 12 03:33
50	29	v385420l.d	1.	BF20125-BS1	QBV3060512B	6 Jun 12 04:00
51	30	v385421u.d	1.	BF20124-BSD1	QBV3060512B	6 Jun 12 04:27

Injection Log

Directory: k:\hpchem\1\data\v3060512

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
52	31	v385422u.d	1.	BF20125-BSD1	QBV3060512B	6 Jun 12 04:52
53	32	v385423b.d	1.	BF20124-BLK1	QBV3060512B	6 Jun 12 05:16
54	33	v385424b.d	1.	BF20125-BLK1	QBV3060512B	6 Jun 12 05:42
55	34	v385425w.d	1.	12F0113-09	QBV3060512B RCP RA	6 Jun 12 06:09
56	35	v385426w.d	1.	12F0115-01	QBV3060512B 8260LO QA	6 Jun 12 06:36
57	36	v385427w.d	1.	12F0113-10	QBV3060512B RCP RA	6 Jun 12 07:00
58	37	v385428w.d	1.	12F0115-02	QBV3060512B 8260LO QA	6 Jun 12 07:24
59	38	v385429w.d	1.	12F0113-11	QBV3060512B RCP RA	6 Jun 12 07:51
60	39	v385430w.d	1.	12F0116-01	QBV3060512B 8260LO ASPB	6 Jun 12 08:16
61	40	v385431w.d	1.	12F0118-01	QBV3060512B 502-2W/MTBEW	6 Jun 12 08:43
62	41	v385432w.d	1.	12F0112-01	QBV3060512B RCP RA	6 Jun 12 09:07
63	42	v385433w.d	1.	12F0118-02	QBV3060512B 502-2W/MTBEW	6 Jun 12 09:33
64	43	v385434w.d	1.	12F0112-02	QBV3060512B RCP RA	6 Jun 12 09:56
65	44	v385435w.d	1.	12E0968-01	QBV3060512B RCP RA RE VIAL 1 AF	6 Jun 12 10:21
66	45	v385436w.d	25.	12F0112-03	QBV3060512B RCP RA 2ML/50ML	6 Jun 12 10:44

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: METALS
METHOD: EPA 200.7

DATA PACKAGE COVER PAGE

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Robert Q. Bradley

Date: 6/11/2012 Title: Executive Vice President & Laboratory Director

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: METALS
METHOD: EPA SW846-6010B

DATA PACKAGE COVER PAGE

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Robert Q. Bradley

Date: 6/11/2012 Title: Executive Vice President & Laboratory Director

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 200.7

WQ053012:1325NP2-10

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Matrix: Water Laboratory ID: 12F0116-01 File ID: qbi060512c-018

Sampled: 05/30/12 13:25 Prepared: 06/05/12 14:36 Analyzed: 06/05/12 18:26

Solids: 0.00 Preparation: EPA 3010A Initial/Final: 50 mL / 50 mL

Batch: BF20112 Sequence: Calibration: Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-89-6	Iron	1.38	1		EPA 200.7

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA SW846-6010B

WQ053012:1325NP2-10

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Matrix: Water Laboratory ID: 12F0116-01 File ID: qbi060512c-015

Sampled: 05/30/12 13:25 Prepared: 06/05/12 14:36 Analyzed: 06/05/12 18:09

Solids: 0.00 Preparation: EPA 3010A Initial/Final: 50 mL / 50 mL

Batch: BF20112 Sequence: Calibration: Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-89-6	Iron (dissolved)	0.0137	1		EPA SW846-6010B

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries

Initial Calibration Source: Inorganic Ventures

Sequence: QBI060512C

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

	Initial Calibration Verification			CCV-1			CCV-2	
Analyte*	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Iron	5000	5093	102	5000	4925	99	4913	98

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries

Initial Calibration Source: Inorganic Ventures — Sequence: QBI060512C

Continuing Calibration Source: Inorganic Ventures — Concentration units: ug/L

	Initial Calibration Verification			CCV-3			CCV-5	
Analyte*	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Iron	5000	5093	102	5000	4854	97	4970	99

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries

Initial Calibration Source: Inorganic Ventures

Sequence: QBI060512C

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

	Initial Calibration Verification			CCV-6				
Analyte*	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)		
Iron	5000	5093	102	5000	4922	98		

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

FORM 2B

RL STANDARDS

(Total & Dissolved Iron)

Lab Name: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

ICP Standard Source: Inorganic Ventures Concentration Units: ug/L

Sequence ID: QBI060512C

Analyte*	Initial TRUE	Initial FOUND	Initial %R	Final TRUE	Final FOUND	Final % R
Iron	5.0	7.0	140	5.0	9.0	180

* = Axial analysis unless otherwise noted

Form 3

BLANKS

(Total & Dissolved Iron)

Lab Name: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Preparation Blank Matrix: Aqueous Prep. Blank ID: BF20112-BLK1

Preparation Blank Concentration Units: ug/l Sequence ID: QBI060512C

	Analyte*	Initial Calibration Blank-ug/L Result	C	Continuing Calibration Blanks (ug/L) 1	C	2	C	3	C	Preparation Blank Result	C
10	Iron	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U

* = Axial analysis unless otherwise noted

Form 3

BLANKS

(Total & Dissolved Iron)

Lab Name: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Preparation Blank Matrix: NA Prep. Blank ID: NA

Preparation Blank Concentration: NA Sequence ID: QBI060512C

	Analyte*	Initial Calibration Blank-ug/L Result	C	Continuing Calibration Blanks (ug/L) 5	C	6	C			Preparation Blank Result	
10	Iron	10.0	U	10.0	U	10.0	U				

* = Axial analysis unless otherwise noted

FORM 4

ICP INTERFERENCE CHECK SAMPLE

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
ICS Source:	Inorganic Ventures	Sequence:	QBI060512C
ICP ID No.:	PE Optima 7300 DV	Concentration Units:	ug/L

Analyte*	TRUE		Initial Found			Final Found		
	Sol. A	Sol. B	Sol. A	Sol. AB	% R	Sol. A	Sol. AB	% R
Iron	200000		177300		89	177400		89

* = Axial analysis unless otherwise noted

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 200.7

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20112	Laboratory ID:	BF20112-MS1
Preparation:	EPA 3010A	Initial/Final:	50 mL / 50 mL

Source Sample Name: WQ053012:1325NP2-10

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Iron	0.500	1.38	1.22	-31.3 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-6010B

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20112	Laboratory ID:	BF20112-MS1
Preparation:	EPA 3010A	Initial/Final:	50 mL / 50 mL

Source Sample Name: WQ053012:1325NP2-10

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Iron (dissolved)	0.500	0.0137	1.13	224 *	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

WQ053012:1325NP2-10

DUPLICATES

EPA 200.7

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Matrix: Water
Laboratory ID: BF20112-DUP1
Batch: BF20112
Lab Source ID: 12F0116-01
Preparation: EPA 3010A
Initial/Final: 50 mL / 50 mL
Source Sample Name: WQ053012:1325NP2-10
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Iron	20	1.38		1.37		0.758		EPA 200.7

* Values outside of QC limits

WQ053012:1325NP2-10

DUPLICATES

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.

Client: Leggette Brashears & Graham Shelton Office

Matrix: Water

Batch: BF20112

Preparation: EPA 3010A

Source Sample Name: WQ053012:1325NP2-10

SDG: 12F0116

Project: Rowe Industries

Laboratory ID: BF20112-DUP1

Lab Source ID: 12F0116-01

Initial/Final: 50 mL / 50 mL

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Iron (dissolved)	20	0.0137		0.0274		67.1	*	EPA SW846-6010B

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 200.7

Laboratory: York Analytical Laboratories, Inc.

SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office

Project: O&M Sag Harbor (Rowe Industries Site)

Matrix: Water

Batch: BF20112

Laboratory ID: BF20112-SRM1

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

ANALYTE	TRUE (mg/L)	FOUND (mg/L)	SRM % REC.	QC LIMITS REC.
Iron	0.274	0.277	101	86.9 - 115

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.

SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office

Project: O&M Sag Harbor (Rowe Industries Site)

Matrix: Water

Batch: BF20112

Laboratory ID: BF20112-SRM1

Preparation: EPA 3010A

Initial/Final: 50 mL / 50 mL

ANALYTE	TRUE (mg/L)	FOUND (mg/L)	SRM % REC.	QC LIMITS REC.
Iron	0.274	0.277	101	86.9 - 115

* Values outside of QC limits

FORM 9A

ICP SERIAL DILUTIONS

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	Client Sample ID:	WQ053012:1325NP2-10
Client:	Leggette Brashears & Graham Shelton Office	SDG:	12F0116
Matrix:	Aqueous	Project:	Rowe Industries
ICP ID No.:	PE Optima PE Optima 7300 DV		
Sequence ID:	QBI060512C	Laboratory ID:	12F0116-01

Analyte*	Initial Sample Result (I)**	C	Serial Dilution Result (S)	C	% Difference	Q	M
Iron	1345		93000		6814.5	#	P

* = Axial analysis unless otherwise noted
** = reported when result is 50 times IDL
# = Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
Iron	0.00550	0.0100	mg/L

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
Iron (dissolved)	0.00550	0.0100	mg/L

Interelement Correction Factors
ICP-OES DV-7300

IEC File Name: IEC 051211A

IEC File Last Saved: 9/28/2011 2:47:48 PM
Printed On: 9/28/2011 2:47:52 PM

Method Name: TAL METHOD
Results Library: C:\pe\MIKEW\Results\Res

		Interfering Analytes			
	Analytes	Fe 273.955	Al 308.215	Ca 227.546	Mg 279.077
1	Ag 338.289	0	0	0.01053	0
2	Al 308.215	-0.0853677	n/a	0.0113715	0.0230017
3	Al RADIAL	-0.120022	1040.13	-0.0385377	-0.0326901
4	As 188.979	-0.147064	0	0	0
5	Ba 233.527	0	0	0	0
6	Be 313.107	0	0	0	0
7	Ca 227.546	-4.69394	-0.540569	n/a	-0.0764809
8	Ca RADIAL	-0.208308	-0.0362947	985.629	-0.0380518
9	Cd 226.502	0.188643	0	0	0
10	Co 228.616	0	0	0	0
11	Cr 267.716	0	0	0	0
12	Cu 324.752	-0.0486096	0.011678	0.0195576	0.0130959
13	Fe 273.955	n/a	0	0	0
14	Fe RADIAL	1050.93	0.010468	0	0.0130041
15	K RADIAL	0	-0.0141601	0	0.019658
16	Mg 279.077	-0.0503105	0	0.0223471	n/a
17	Mg RADIAL	-0.0472329	0	0.0580061	959.388
18	Mn 257.610	-0.0538655	0	0	0.0184026
19	Na 330.237	-4.8803	-0.0462274	-1.67366	-0.102377
20	Na RADIAL	0.073432	0.0403134	0.0327159	0.108619
21	Ni 232.003	-0.163436	0	0	0
22	Pb 220.353	0.130655	-0.0944594	-0.011762	0
23	Sb 206.836	0	0.0149504	0	0
24	Se 196.026	-0.702912	0	0	0
25	Tl 190.801	-0.0795765	-0.0111665	0	0
26	V 292.402	0.0810207	0	0	0
27	Y 371.029	25.2577	9.27277	8.3464	8.87615
28	Y RADIAL	25.9251	9.90661	8.63732	9.4563
29	Zn 206.200	0.0476982	0.0198303	0	0

YORK ANALYTICAL LABS

ICP Linear Dynamic Range 07/18/11

Perkin Elmer Optima DV7300 Axial/Radial - Method 6010B

Analyte	Linear Dynamic Range, mg/L
As	40
Tl	20
Se	100
Zn	10
Sb	100
Pb	20
Cd	10
Co	10
Ni	50
Ba	20
Mn	10
Cr	4.0
Fe	20
Mg	200
V	20
Al	500
Be	5.0
Cu	25
Ag	25
Na	100
Ca	500
Al Radial	500
Fe Radial	500
Ca Radial	500
K Radial	500
Mg Radial	500
Na Radial	200

FORM IV

PREPARATION BATCH SUMMARY

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20112 Batch Matrix: Water Preparation: EPA 3010A

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01	qbi060512c-018	06/05/12 14:36	
Blank	BF20112-BLK1	qbi060512c-009	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-DUP1	qbi060512c-021	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-MS1	qbi060512c-022	06/05/12 14:36	
Reference	BF20112-SRM1	qbi060512c-010	06/05/12 14:36	

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20112 Batch Matrix: Water Preparation: EPA 3010A

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01	qbi060512c-015	06/05/12 14:36	
Blank	BF20112-BLK1	qbi060512c-009	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-DUP1	qbi060512c-016	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-MS1	qbi060512c-017	06/05/12 14:36	
Reference	BF20112-SRM1	qbi060512c-010	06/05/12 14:36	

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA 200.7

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Sequence:
Instrument:
Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Blank	BF20112-BLK1	qbi060512c-009	06/05/12 17:40
Reference	BF20112-SRM1	qbi060512c-010	06/05/12 17:45
WQ053012:1325NP2-10	12F0116-01	qbi060512c-018	06/05/12 18:26
WQ053012:1325NP2-10	BF20112-DUP1	qbi060512c-021	06/05/12 18:44
WQ053012:1325NP2-10	BF20112-MS1	qbi060512c-022	06/05/12 18:49

FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Sequence:
Instrument:
Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Blank	BF20112-BLK1	qbi060512c-009	06/05/12 17:40
Reference	BF20112-SRM1	qbi060512c-010	06/05/12 17:45
WQ053012:1325NP2-10	12F0116-01	qbi060512c-015	06/05/12 18:09
WQ053012:1325NP2-10	BF20112-DUP1	qbi060512c-016	06/05/12 18:13
WQ053012:1325NP2-10	BF20112-MS1	qbi060512c-017	06/05/12 18:18

HOLDING TIME SUMMARY

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/05/12 14:36	6.05	180.00	06/05/12 18:26	0.16	180.00	

HOLDING TIME SUMMARY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/05/12 14:36	6.05	180.00	06/05/12 18:09	0.15	180.00	

Sample Information Detail Report
Document Name: 060512c

File Description
Sample Information File

Parameters Common to All Samples

Batch ID	qbi060512c
Analyst Name	AC
Volume Units	mL
Weight Units	g

Parameters That Vary By Sample

3	3	ICV
4	4	ICB
5	5	RL STD
6	98	12F0096-01
7	6	ICS A
8	7	ICS AB
9	3	CCV-1
10	4	CCB-1
11	9	BF20112-BLK1
12	10	BF20112-SRM1
13	11	12F0115-01
14	12	12F0115-01
15	13	12F0115-02
16	14	12F0115-02
17	15	12F0116-01
18	16	BF20112-DUP1
19	17	BF20112-MS1
20	18	12F0116-01
21	3	CCV-2
22	4	CCB-2
23	19	BF20112-DUP1
24	20	BF20112-MS1
25	21	12F0102-01
26	22	12F0102-02
27	23	12F0104-01
28	24	12F0104-02
29	25	12F0106-01
30	26	12F0106-02
31	27	12F0107-01
32	28	12F0109-01
33	3	CCV-3
34	4	CCB-3
35	29	12F0109-02
36	30	BF20113-BLK1
37	31	BF20113-SRM1
38	32	12F0117-01
39	33	12F0125-01
40	34	12F0125-02
41	35	12F0125-03
42	36	12F0125-04
43	37	BF20113-DUP1
44	38	BF20113-MS1
45	3	CCV-4
46	4	CCB-4
47	39	12F0125-05
48	40	12F0125-06
49	41	12F0125-07
50	42	12F0126-01
51	43	12F0126-03
52	44	12F0126-05
53	45	12F0126-07
54	46	12F0126-09
55	47	12F0126-11
56	48	12F0126-13
57	3	CCV-5
58	4	CCB-5

59	49	12F0126-15
60	49	12F0141-01
61	50	SD 1:5 S 12F0126-15
62	51	SD 1:5 A 12F0116-01
63	5	RL STD
64	6	ICS A
65	7	ICS AB
66	3	CCV-6
67	4	CCB-6

Analysis Begun

Start Time: 6/5/2012 4:33:15 PM
Logged In Analyst: mikew
Spectrometer Model: Optima 7300 DV, S/N 077C9011901
Plasma On Time: 6/5/2012 6:55:42 AM
Technique: ICP Continuous
Autosampler Model: S10

Sample Information File: C:\pe\Mikew\Sample Information\060512c.sif
Batch ID: qbi060512c
Results Data Set: qbi060512c
Results Library: C:\pe\MIKEW\Results\Results.mdb

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 6/5/2012 4:33:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	18783237.6	20854.85	0.11%	5.000	mg/L
Y RADIAL	301087.8	4569.38	1.52%	5.000	mg/L
As 188.979†	-6.3	5.32	83.95%	[0.00]	mg/L
Tl 190.801†	-15.2	1.93	12.63%	[0.00]	mg/L
Se 196.026†	0.4	3.80	>999.9%	[0.00]	mg/L
Zn 206.200†	1.5	3.60	244.45%	[0.00]	mg/L
Sb 206.836†	18.3	5.92	32.44%	[0.00]	mg/L
Pb 220.353†	35.6	4.59	12.89%	[0.00]	mg/L
Cd 226.502†	-205.2	3.01	1.47%	[0.00]	mg/L
Co 228.616†	-44.9	1.06	2.36%	[0.00]	mg/L
Ni 232.003†	-419.1	6.52	1.56%	[0.00]	mg/L
Ba 233.527†	11.4	4.07	35.54%	[0.00]	mg/L
Mn 257.610†	298.9	14.06	4.70%	[0.00]	mg/L
Cr 267.716†	58.9	10.74	18.22%	[0.00]	mg/L
Fe 273.955†	-6.5	2.29	34.97%	[0.00]	mg/L
Mg 279.077†	-78.9	19.25	24.40%	[0.00]	mg/L
V 292.402†	-138.9	17.58	12.65%	[0.00]	mg/L
Al 308.215†	6265.2	53.46	0.85%	[0.00]	mg/L
Be 313.107†	-4817.7	80.44	1.67%	[0.00]	mg/L
Cu 324.752†	1860.7	52.52	2.82%	[0.00]	mg/L
Ag 338.289†	43.4	105.68	243.23%	[0.00]	mg/L
Na 330.237†	317.6	72.35	22.78%	[0.00]	mg/L
Ca 227.546†	-285.3	14.02	4.91%	[0.00]	mg/L
Al RADIAL†	67.5	8.59	12.72%	[0.00]	mg/L
Fe RADIAL†	2.3	2.18	94.92%	[0.00]	mg/L
Ca RADIAL†	1329.3	15.49	1.17%	[0.00]	mg/L
K RADIAL†	135.9	25.93	19.08%	[0.00]	mg/L
Mg RADIAL†	-0.2	4.10	>999.9%	[0.00]	mg/L
Na RADIAL†	-18171.8	345.16	1.90%	[0.00]	mg/L

Sequence No.: 2
Sample ID: CAL STD 1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 6/5/2012 4:37:56 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CAL STD 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	17599016.9	19362.64	0.11%	4.685	mg/L
Y RADIAL	299459.2	1010.77	0.34%	4.973	mg/L
As 188.979†	1027.7	20.73	2.02%	[1.0000]	mg/L
Tl 190.801†	1268.2	12.83	1.01%	[1.0000]	mg/L
Se 196.026†	434.1	3.53	0.81%	[1.0000]	mg/L
Zn 206.200†	160794.3	2150.90	1.34%	[5.0000]	mg/L
Sb 206.836†	706.7	16.39	2.32%	[0.5000]	mg/L

Pb 220.353†	5237.4	46.34	0.88%	[1.0000] mg/L
Cd 226.502†	68040.0	844.43	1.24%	[0.5000] mg/L
Co 228.616†	105017.4	1074.16	1.02%	[5.0000] mg/L
Ni 232.003†	76903.8	918.12	1.19%	[5.0000] mg/L
Ba 233.527†	1877590.5	6266.06	0.33%	[20.0000] mg/L
Mn 257.610†	3458964.7	8414.67	0.24%	[5.0000] mg/L
Cr 267.716†	298942.6	3584.37	1.20%	[2.0000] mg/L
Fe 273.955†	209140.0	1858.07	0.89%	[10.0000] mg/L
Mg 279.077†	917182.8	2432.25	0.27%	[50.0000] mg/L
V 292.402†	1935012.4	4662.59	0.24%	[5.0000] mg/L
Al 308.215†	688180.6	1422.83	0.21%	[20.0000] mg/L
Be 313.107†	2774686.7	2134.50	0.08%	[0.5000] mg/L
Cu 324.752†	861736.9	1236.25	0.14%	[2.5000] mg/L
Ag 338.289†	534313.6	753.03	0.14%	[2.5000] mg/L
Na 330.237†	70838.9	792.88	1.12%	[50.0000] mg/L
Ca 227.546†	15498.1	137.95	0.89%	[50.0000] mg/L
Al RADIAL†	37686.5	185.50	0.49%	[20.0000] mg/L
Fe RADIAL†	1148.8	11.06	0.96%	[10.0000] mg/L
Ca RADIAL†	146747.9	609.60	0.42%	[50.0000] mg/L
K RADIAL†	14644.7	55.54	0.38%	[10.0000] mg/L
Mg RADIAL†	5834.3	51.81	0.89%	[50.0000] mg/L
Na RADIAL†	989387.7	4623.69	0.47%	[50.0000] mg/L

Sequence No.: 3
Sample ID: ICV
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/5/2012 4:46:10 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17742172.6	4.723	mg/L	0.0215				0.46%
Y RADIAL	290872.2	4.830	mg/L	0.0282				0.58%
As 188.979†	254.3	0.2482	mg/L	0.00286	0.2482	mg/L	0.00286	1.15%
Tl 190.801†	328.1	0.2592	mg/L	0.00563	0.2592	mg/L	0.00563	2.17%
Se 196.026†	113.3	0.2646	mg/L	0.00780	0.2646	mg/L	0.00780	2.95%
Zn 206.200†	84094.6	2.615	mg/L	0.0269	2.615	mg/L	0.0269	1.03%
Sb 206.836†	379.5	0.2684	mg/L	0.00437	0.2684	mg/L	0.00437	1.63%
Pb 220.353†	1332.2	0.2549	mg/L	0.00284	0.2549	mg/L	0.00284	1.12%
Cd 226.502†	17235.8	0.1257	mg/L	0.00130	0.1257	mg/L	0.00130	1.04%
Co 228.616†	54662.7	2.603	mg/L	0.0296	2.603	mg/L	0.0296	1.14%
Ni 232.003†	39157.3	2.547	mg/L	0.0360	2.547	mg/L	0.0360	1.41%
Ba 233.527†	975901.7	10.40	mg/L	0.101	10.40	mg/L	0.101	0.97%
Mn 257.610†	1760225.0	2.544	mg/L	0.0225	2.544	mg/L	0.0225	0.88%
Cr 267.716†	146788.0	0.9820	mg/L	0.01073	0.9820	mg/L	0.01073	1.09%
Fe 273.955†	106505.3	5.093	mg/L	0.0589	5.093	mg/L	0.0589	1.16%
Mg 279.077†	457981.3	24.97	mg/L	0.207	24.97	mg/L	0.207	0.83%
V 292.402†	972294.7	2.512	mg/L	0.0282	2.512	mg/L	0.0282	1.12%
Al 308.215†	335761.3	9.758	mg/L	0.0831	9.758	mg/L	0.0831	0.85%
Be 313.107†	1425172.1	0.2568	mg/L	0.00304	0.2568	mg/L	0.00304	1.18%
Cu 324.752†	429253.0	1.245	mg/L	0.0105	1.245	mg/L	0.0105	0.85%
Ag 338.289†	261491.0	1.223	mg/L	0.0113	1.223	mg/L	0.0113	0.92%
Na 330.237†	34504.4	24.42	mg/L	0.273	24.42	mg/L	0.273	1.12%
Ca 227.546†	7661.6	24.75	mg/L	0.441	24.75	mg/L	0.441	1.78%
Al RADIAL†	19829.5	10.52	mg/L	0.096	10.52	mg/L	0.096	0.91%
Fe RADIAL†	594.1	5.171	mg/L	0.0546	5.171	mg/L	0.0546	1.06%
Ca RADIAL†	75909.1	25.86	mg/L	0.329	25.86	mg/L	0.329	1.27%
K RADIAL†	7542.6	5.150	mg/L	0.0650	5.150	mg/L	0.0650	1.26%
Mg RADIAL†	3083.3	26.42	mg/L	0.130	26.42	mg/L	0.130	0.49%
Na RADIAL†	527465.2	26.66	mg/L	0.162	26.66	mg/L	0.162	0.61%

Sequence No.: 4
Sample ID: ICB
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/5/2012 4:54:24 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18830493.9	5.013	mg/L	0.0259				0.52%
Y RADIAL	298636.8	4.959	mg/L	0.0710				1.43%
As 188.979†	-2.4	-0.0023	mg/L	0.00543	-0.0023	mg/L	0.00543	233.03%
Tl 190.801†	1.7	0.0014	mg/L	0.00119	0.0014	mg/L	0.00119	86.76%
Se 196.026†	5.2	0.0121	mg/L	0.00836	0.0121	mg/L	0.00836	69.35%
Zn 206.200†	9.3	0.0003	mg/L	0.00004	0.0003	mg/L	0.00004	15.35%
Sb 206.836†	-0.9	-0.0007	mg/L	0.00229	-0.0007	mg/L	0.00229	345.75%
Pb 220.353†	-7.3	-0.0014	mg/L	0.00058	-0.0014	mg/L	0.00058	41.83%
Cd 226.502†	-8.4	-0.0001	mg/L	0.00007	-0.0001	mg/L	0.00007	113.57%
Co 228.616†	7.3	0.0003	mg/L	0.00012	0.0003	mg/L	0.00012	33.57%
Ni 232.003†	15.0	0.0010	mg/L	0.00050	0.0010	mg/L	0.00050	51.38%
Ba 233.527†	5.1	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	109.15%
Mn 257.610†	8.5	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	591.44%
Cr 267.716†	17.0	0.0001	mg/L	0.00012	0.0001	mg/L	0.00012	105.42%
Fe 273.955†	-14.2	-0.0007	mg/L	0.00040	-0.0007	mg/L	0.00040	58.99%
Mg 279.077†	15.4	0.0008	mg/L	0.00113	0.0008	mg/L	0.00113	134.24%
V 292.402†	69.1	0.0002	mg/L	0.00013	0.0002	mg/L	0.00013	73.94%
Al 308.215†	184.5	0.0054	mg/L	0.00252	0.0054	mg/L	0.00252	46.99%
Be 313.107†	154.8	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	80.20%
Cu 324.752†	37.4	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	54.79%
Ag 338.289†	-11.3	-0.0001	mg/L	0.00018	-0.0001	mg/L	0.00018	344.74%
Na 330.237†	-11.3	-0.0080	mg/L	0.06546	-0.0080	mg/L	0.06546	819.30%
Ca 227.546†	-1.9	-0.0060	mg/L	0.01838	-0.0060	mg/L	0.01838	305.27%
Al RADIAL†	3.5	0.0019	mg/L	0.00391	0.0019	mg/L	0.00391	207.69%
Fe RADIAL†	-1.0	-0.0087	mg/L	0.02223	-0.0087	mg/L	0.02223	256.72%
Ca RADIAL†	-14.9	-0.0051	mg/L	0.00632	-0.0051	mg/L	0.00632	124.34%
K RADIAL†	-8.8	-0.0060	mg/L	0.02119	-0.0060	mg/L	0.02119	352.43%
Mg RADIAL†	3.7	0.0319	mg/L	0.04475	0.0319	mg/L	0.04475	140.11%
Na RADIAL†	-838.5	-0.0424	mg/L	0.03262	-0.0424	mg/L	0.03262	76.98%

Sequence No.: 5
Sample ID: RL STD
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 6/5/2012 4:59:06 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: RL STD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17950159.9	4.778	mg/L	0.0426				0.89%
Y RADIAL	294326.4	4.888	mg/L	0.0397				0.81%
As 188.979†	-0.9	-0.0009	mg/L	0.00650	-0.0009	mg/L	0.00650	752.67%
Tl 190.801†	15.1	0.0119	mg/L	0.00414	0.0119	mg/L	0.00414	34.69%
Se 196.026†	5.0	0.0115	mg/L	0.00560	0.0115	mg/L	0.00560	48.72%
Zn 206.200†	201.6	0.0063	mg/L	0.00027	0.0063	mg/L	0.00027	4.37%
Sb 206.836†	12.9	0.0091	mg/L	0.00079	0.0091	mg/L	0.00079	8.68%
Pb 220.353†	13.6	0.0026	mg/L	0.00104	0.0026	mg/L	0.00104	39.86%
Cd 226.502†	685.8	0.0050	mg/L	0.00004	0.0050	mg/L	0.00004	0.86%
Co 228.616†	107.6	0.0051	mg/L	0.00024	0.0051	mg/L	0.00024	4.67%
Ni 232.003†	84.3	0.0055	mg/L	0.00033	0.0055	mg/L	0.00033	6.08%
Ba 233.527†	1045.3	0.0111	mg/L	0.00009	0.0111	mg/L	0.00009	0.77%
Mn 257.610†	3800.0	0.0055	mg/L	0.00003	0.0055	mg/L	0.00003	0.62%
Cr 267.716†	834.9	0.0056	mg/L	0.00002	0.0056	mg/L	0.00002	0.36%
Fe 273.955†	145.7	0.0070	mg/L	0.00038	0.0070	mg/L	0.00038	5.40%
Mg 279.077†	19.2	0.0010	mg/L	0.00125	0.0010	mg/L	0.00125	119.62%
V 292.402†	1931.0	0.0050	mg/L	0.00013	0.0050	mg/L	0.00013	2.68%
Al 308.215†	1033.9	0.0300	mg/L	0.00283	0.0300	mg/L	0.00283	9.42%
Be 313.107†	27904.6	0.0050	mg/L	0.00006	0.0050	mg/L	0.00006	1.19%
Cu 324.752†	1884.7	0.0055	mg/L	0.00006	0.0055	mg/L	0.00006	1.17%
Ag 338.289†	1127.1	0.0053	mg/L	0.00026	0.0053	mg/L	0.00026	4.91%
Na 330.237†	28.5	0.0201	mg/L	0.06347	0.0201	mg/L	0.06347	315.34%
Ca 227.546†	-4.0	-0.0130	mg/L	0.02389	-0.0130	mg/L	0.02389	184.46%
Al RADIAL†	24.7	0.0131	mg/L	0.00266	0.0131	mg/L	0.00266	20.27%
Fe RADIAL†	0.5	0.0043	mg/L	0.01433	0.0043	mg/L	0.01433	332.04%
Ca RADIAL†	21.9	0.0075	mg/L	0.00261	0.0075	mg/L	0.00261	35.01%
K RADIAL†	12.0	0.0082	mg/L	0.02654	0.0082	mg/L	0.02654	323.36%
Mg RADIAL†	1.7	0.0144	mg/L	0.02430	0.0144	mg/L	0.02430	169.14%

Na RADIAL†	-743.4	-0.0376	mg/L	0.00856	-0.0376	mg/L	0.00856 22.79%

Sequence No.: 6 **Autosampler Location: 98**
Sample ID: 12F0096-01 **Date Collected: 6/5/2012 5:03:47 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 12F0096-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	-50.3	0.000	mg/L	0.0000				52.30%
Y RADIAL	-8.8	0.000	mg/L	0.0001				58.43%
As 188.979†	1400619.1	1363	mg/L	1405.1	1363	mg/L	1405.1	103.10%
Tl 190.801†	3255814.3	2567	mg/L	1336.8	2567	mg/L	1336.8	52.08%
Se 196.026†	-713266.6	-1643	mg/L	613.2	-1643	mg/L	613.2	37.33%
Zn 206.200†	668395.7	21.24	mg/L	43.837	21.24	mg/L	43.837	206.40%
Sb 206.836†	-4614142.2	-3264	mg/L	2009.0	-3264	mg/L	2009.0	61.54%
Pb 220.353†	-6632934.7	-1266	mg/L	826.0	-1266	mg/L	826.0	65.22%
Cd 226.502†	59088825.4	434.2	mg/L	191.05	434.2	mg/L	191.05	44.00%
Co 228.616†	12426455.1	591.6	mg/L	235.70	591.6	mg/L	235.70	39.84%
Ni 232.003†	114531868	7446	mg/L	3261.6	7446	mg/L	3261.6	43.80%
Ba 233.527†	-2930894.0	-31.22	mg/L	26.935	-31.22	mg/L	26.935	86.28%
Mn 257.610†	-51525068	-74.46	mg/L	32.285	-74.46	mg/L	32.285	43.36%
Cr 267.716†	-19519903	-130.6	mg/L	59.02	-130.6	mg/L	59.02	45.20%
Fe 273.955†	6153959.9	294.3	mg/L	134.27	294.3	mg/L	134.27	45.63%
Mg 279.077†	-6501017.2	-358.7	mg/L	335.51	-358.7	mg/L	335.51	93.53%
V 292.402†	18249172.7	47.13	mg/L	16.692	47.13	mg/L	16.692	35.42%
Al 308.215†	-814496379	-23670	mg/L	10511.4	-23670	mg/L	10511.4	44.40%
Be 313.107†	393112067	70.84	mg/L	31.706	70.84	mg/L	31.706	44.76%
Cu 324.752†	-288305551	-839.9	mg/L	382.63	-839.9	mg/L	382.63	45.56%
Ag 338.289†	44948094.8	208.3	mg/L	110.50	208.3	mg/L	110.50	53.06%
Na 330.237†	-104278338	-73280	mg/L	31415.8	-73280	mg/L	31415.8	42.87%
Ca 227.546†	60059002.0	193800	mg/L	75226.3	193800	mg/L	75226.3	38.83%
Al RADIAL†	-308038.5	-163.5	mg/L	654.99	-163.5	mg/L	654.99	400.67%
Fe RADIAL†	-20221.0	-176.0	mg/L	646.63	-176.0	mg/L	646.63	367.35%
Ca RADIAL†	-187848.9	-64.00	mg/L	28.859	-64.00	mg/L	28.859	45.09%
K RADIAL†	-4036246.6	-2756	mg/L	1764.4	-2756	mg/L	1764.4	64.02%
Mg RADIAL†	-7305.2	-62.60	mg/L	954.517	-62.60	mg/L	954.517	>999.9%
Na RADIAL†	377642718	19080	mg/L	9378.4	19080	mg/L	9378.4	49.14%

Sequence No.: 7 **Autosampler Location: 6**
Sample ID: ICS A **Date Collected: 6/5/2012 5:12:06 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICS A

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	15635975.2	4.162	mg/L	0.0151				0.36%
Y RADIAL	262540.4	4.360	mg/L	0.0449				1.03%
As 188.979†	-36.2	-0.0091	mg/L	0.00703	-0.0091	mg/L	0.00703	77.20%
Tl 190.801†	-13.0	0.0097	mg/L	0.00535	0.0097	mg/L	0.00535	55.38%
Se 196.026†	-68.7	-0.0337	mg/L	0.03427	-0.0337	mg/L	0.03427	101.70%
Zn 206.200†	460.7	-0.0044	mg/L	0.00021	-0.0044	mg/L	0.00021	4.80%
Sb 206.836†	-11.7	-0.0160	mg/L	0.00305	-0.0160	mg/L	0.00305	19.04%
Pb 220.353†	-297.5	-0.0250	mg/L	0.00653	-0.0250	mg/L	0.00653	26.17%
Cd 226.502†	3282.0	-0.0093	mg/L	0.00104	-0.0093	mg/L	0.00104	11.20%
Co 228.616†	5.7	0.0003	mg/L	0.00043	0.0003	mg/L	0.00043	157.69%
Ni 232.003†	35.7	0.0313	mg/L	0.00354	0.0313	mg/L	0.00354	11.30%
Ba 233.527†	427.8	0.0046	mg/L	0.00005	0.0046	mg/L	0.00005	1.14%
Mn 257.610†	-6790.2	-0.0093	mg/L	0.00022	-0.0093	mg/L	0.00022	2.38%
Cr 267.716†	-948.1	-0.0063	mg/L	0.00030	-0.0063	mg/L	0.00030	4.74%
Fe 273.955†	3708061.7	177.3	mg/L	1.58	177.3	mg/L	1.58	0.89%
Mg 279.077†	9044177.9	493.0	mg/L	2.12	493.0	mg/L	2.12	0.43%
V 292.402†	6987.3	0.0037	mg/L	0.00048	0.0037	mg/L	0.00048	12.95%
Al 308.215†	17796424.8	517.2	mg/L	1.41	517.2	mg/L	1.41	0.27%

Be 313.107†	-332.4	-0.0001 mg/L	0.00002	-0.0001 mg/L	0.00002	40.94%
Cu 324.752†	-3923.0	-0.0255 mg/L	0.00023	-0.0255 mg/L	0.00023	0.91%
Ag 338.289†	1070.2	-0.0005 mg/L	0.00056	-0.0005 mg/L	0.00056	112.87%
Na 330.237†	-2126.1	0.3142 mg/L	0.03082	0.3142 mg/L	0.03082	9.81%
Ca 227.546†	162086.1	524.1 mg/L	7.78	524.1 mg/L	7.78	1.48%
Al RADIAL†	1032303.7	547.8 mg/L	3.94	547.8 mg/L	3.94	0.72%
Fe RADIAL†	22887.4	199.2 mg/L	2.14	199.2 mg/L	2.14	1.07%
Ca RADIAL†	1428376.1	486.7 mg/L	1.31	486.7 mg/L	1.31	0.27%
K RADIAL†	-9.2	-0.0063 mg/L	0.04489	-0.0063 mg/L	0.04489	714.96%
Mg RADIAL†	60744.2	520.6 mg/L	5.59	520.6 mg/L	5.59	1.07%
Na RADIAL†	3817.2	0.1929 mg/L	0.02234	0.1929 mg/L	0.02234	11.58%

Sequence No.: 6
Sample ID: ICS AB
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 6/5/2012 5:19:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS AB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	15211353.0	4.049	mg/L	0.0414				1.02%
Y RADIAL	252966.0	4.201	mg/L	0.0323				0.77%
As 188.979†	507.2	0.5198	mg/L	0.00672	0.5198	mg/L	0.00672	1.29%
Tl 190.801†	584.4	0.4807	mg/L	0.00873	0.4807	mg/L	0.00873	1.82%
Se 196.026†	166.7	0.5094	mg/L	0.01856	0.5094	mg/L	0.01856	3.64%
Zn 206.200†	29422.2	0.8962	mg/L	0.00635	0.8962	mg/L	0.00635	0.71%
Sb 206.836†	744.3	0.5189	mg/L	0.01371	0.5189	mg/L	0.01371	2.64%
Pb 220.353†	4468.5	0.8847	mg/L	0.00928	0.8847	mg/L	0.00928	1.05%
Cd 226.502†	125636.4	0.8896	mg/L	0.00918	0.8896	mg/L	0.00918	1.03%
Co 228.616†	9718.5	0.4627	mg/L	0.00332	0.4627	mg/L	0.00332	0.72%
Ni 232.003†	15985.5	1.068	mg/L	0.0046	1.068	mg/L	0.0046	0.43%
Ba 233.527†	47812.6	0.5093	mg/L	0.00535	0.5093	mg/L	0.00535	1.05%
Mn 257.610†	331190.2	0.4792	mg/L	0.00458	0.4792	mg/L	0.00458	0.96%
Cr 267.716†	68650.0	0.4593	mg/L	0.00463	0.4593	mg/L	0.00463	1.01%
Fe 273.955†	3731178.1	178.4	mg/L	0.87	178.4	mg/L	0.87	0.49%
Mg 279.077†	9151403.9	498.9	mg/L	2.11	498.9	mg/L	2.11	0.42%
V 292.402†	194355.1	0.4878	mg/L	0.00480	0.4878	mg/L	0.00480	0.98%
Al 308.215†	17714525.6	514.8	mg/L	1.29	514.8	mg/L	1.29	0.25%
Be 313.107†	2762408.1	0.4978	mg/L	0.00406	0.4978	mg/L	0.00406	0.82%
Cu 324.752†	183654.6	0.5187	mg/L	0.00399	0.5187	mg/L	0.00399	0.77%
Ag 338.289†	239494.7	1.115	mg/L	0.0104	1.115	mg/L	0.0104	0.93%
Na 330.237†	-504.2	1.462	mg/L	0.0160	1.462	mg/L	0.0160	1.10%
Ca 227.546†	161600.4	522.5	mg/L	5.02	522.5	mg/L	5.02	0.96%
Al RADIAL†	1043404.2	553.7	mg/L	8.04	553.7	mg/L	8.04	1.45%
Fe RADIAL†	23094.7	201.0	mg/L	3.24	201.0	mg/L	3.24	1.61%
Ca RADIAL†	1431975.8	487.9	mg/L	0.80	487.9	mg/L	0.80	0.16%
K RADIAL†	-20.1	-0.0137	mg/L	0.01394	-0.0137	mg/L	0.01394	101.73%
Mg RADIAL†	61421.8	526.4	mg/L	8.08	526.4	mg/L	8.08	1.54%
Na RADIAL†	2926.7	0.1479	mg/L	0.01191	0.1479	mg/L	0.01191	8.05%

Sequence No.: 9
Sample ID: CCV-1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/5/2012 5:27:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17696352.2	4.711	mg/L	0.0582				1.24%
Y RADIAL	282544.4	4.692	mg/L	0.0301				0.64%
As 188.979†	241.8	0.2360	mg/L	0.00789	0.2360	mg/L	0.00789	3.34%
Tl 190.801†	320.1	0.2529	mg/L	0.00678	0.2529	mg/L	0.00678	2.68%
Se 196.026†	108.7	0.2538	mg/L	0.00490	0.2538	mg/L	0.00490	1.93%
Zn 206.200†	80049.2	2.489	mg/L	0.0310	2.489	mg/L	0.0310	1.25%
Sb 206.836†	366.8	0.2594	mg/L	0.00562	0.2594	mg/L	0.00562	2.17%
Pb 220.353†	1303.1	0.2494	mg/L	0.00275	0.2494	mg/L	0.00275	1.10%

Cd 226.502†	16503.1	0.1203 mg/L	0.00130	0.1203 mg/L	0.00130	1.08%
Co 228.616†	52991.8	2.523 mg/L	0.0311	2.523 mg/L	0.0311	1.23%
Ni 232.003†	37822.1	2.460 mg/L	0.0272	2.460 mg/L	0.0272	1.11%
Ba 233.527†	953400.4	10.16 mg/L	0.130	10.16 mg/L	0.130	1.28%
Mn 257.610†	1718881.0	2.484 mg/L	0.0348	2.484 mg/L	0.0348	1.40%
Cr 267.716†	143412.2	0.9595 mg/L	0.01482	0.9595 mg/L	0.01482	1.54%
Fe 273.955†	103002.3	4.925 mg/L	0.0623	4.925 mg/L	0.0623	1.27%
Mg 279.077†	444629.3	24.24 mg/L	0.364	24.24 mg/L	0.364	1.50%
V 292.402†	951915.5	2.459 mg/L	0.0356	2.459 mg/L	0.0356	1.45%
Al 308.215†	329890.0	9.587 mg/L	0.1380	9.587 mg/L	0.1380	1.44%
Be 313.107†	1391886.2	0.2508 mg/L	0.00295	0.2508 mg/L	0.00295	1.18%
Cu 324.752†	422074.4	1.224 mg/L	0.0168	1.224 mg/L	0.0168	1.37%
Ag 338.289†	256619.4	1.200 mg/L	0.0162	1.200 mg/L	0.0162	1.35%
Na 330.237†	33574.2	23.76 mg/L	0.263	23.76 mg/L	0.263	1.11%
Ca 227.546†	7470.8	24.13 mg/L	0.214	24.13 mg/L	0.214	0.89%
Al RADIAL†	20727.7	11.00 mg/L	0.109	11.00 mg/L	0.109	0.99%
Fe RADIAL†	589.5	5.132 mg/L	0.0631	5.132 mg/L	0.0631	1.23%
Ca RADIAL†	75596.9	25.76 mg/L	0.262	25.76 mg/L	0.262	1.02%
K RADIAL†	7654.2	5.227 mg/L	0.0388	5.227 mg/L	0.0388	0.74%
Mg RADIAL†	3086.4	26.45 mg/L	0.175	26.45 mg/L	0.175	0.66%
Na RADIAL†	537529.3	27.16 mg/L	0.071	27.16 mg/L	0.071	0.26%

Sequence No.: 10
Sample ID: CCB-1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/5/2012 5:35:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18471198.7	4.917	mg/L	0.0449				0.91%
Y RADIAL	293649.3	4.876	mg/L	0.1398				2.87%
As 188.979†	-7.4	-0.0072	mg/L	0.00153	-0.0072	mg/L	0.00153	21.34%
Tl 190.801†	5.1	0.0040	mg/L	0.00180	0.0040	mg/L	0.00180	44.60%
Se 196.026†	2.1	0.0047	mg/L	0.00613	0.0047	mg/L	0.00613	129.51%
Zn 206.200†	11.5	0.0004	mg/L	0.00018	0.0004	mg/L	0.00018	51.35%
Sb 206.836†	-1.1	-0.0008	mg/L	0.00281	-0.0008	mg/L	0.00281	374.67%
Pb 220.353†	-3.3	-0.0006	mg/L	0.00163	-0.0006	mg/L	0.00163	257.13%
Cd 226.502†	4.9	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	129.90%
Co 228.616†	-1.5	-0.0001	mg/L	0.00010	-0.0001	mg/L	0.00010	146.12%
Ni 232.003†	10.8	0.0007	mg/L	0.00037	0.0007	mg/L	0.00037	51.86%
Ba 233.527†	-0.1	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	>999.9%
Mn 257.610†	-31.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	61.61%
Cr 267.716†	10.4	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	121.21%
Fe 273.955†	3.1	0.0001	mg/L	0.00081	0.0001	mg/L	0.00081	553.55%
Mg 279.077†	-0.2	0.0000	mg/L	0.00121	0.0000	mg/L	0.00121	>999.9%
V 292.402†	5.7	0.0000	mg/L	0.00014	0.0000	mg/L	0.00014	930.25%
Al 308.215†	72.3	0.0021	mg/L	0.00103	0.0021	mg/L	0.00103	49.19%
Be 313.107†	236.0	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	42.62%
Cu 324.752†	-18.4	-0.0001	mg/L	0.00013	-0.0001	mg/L	0.00013	248.02%
Ag 338.289†	-18.8	-0.0001	mg/L	0.00052	-0.0001	mg/L	0.00052	595.96%
Na 330.237†	-58.0	-0.0409	mg/L	0.04325	-0.0409	mg/L	0.04325	105.79%
Ca 227.546†	5.5	0.0177	mg/L	0.06089	0.0177	mg/L	0.06089	344.06%
Al RADIAL†	7.1	0.0037	mg/L	0.00380	0.0037	mg/L	0.00380	101.32%
Fe RADIAL†	-0.5	-0.0044	mg/L	0.01287	-0.0044	mg/L	0.01287	294.15%
Ca RADIAL†	-14.1	-0.0048	mg/L	0.01328	-0.0048	mg/L	0.01328	275.50%
K RADIAL†	-13.1	-0.0090	mg/L	0.03042	-0.0090	mg/L	0.03042	338.83%
Mg RADIAL†	2.4	0.0203	mg/L	0.02078	0.0203	mg/L	0.02078	102.51%
Na RADIAL†	-1812.9	-0.0916	mg/L	0.05029	-0.0916	mg/L	0.05029	54.89%

Sequence No.: 11
Sample ID: BF20112-BLK1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 6/5/2012 5:40:33 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-BLK1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18421058.0	4.904	mg/L	0.0166				0.34%
Y RADIAL	290831.0	4.830	mg/L	0.0587				1.22%
As 188.979†	-7.1	-0.0069	mg/L	0.00500	-0.0069	mg/L	0.00500	71.97%
Tl 190.801†	0.7	0.0005	mg/L	0.00319	0.0005	mg/L	0.00319	589.95%
Se 196.026†	2.1	0.0047	mg/L	0.00512	0.0047	mg/L	0.00512	108.27%
Zn 206.200†	6.6	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	14.56%
Sb 206.836†	-9.4	-0.0066	mg/L	0.00218	-0.0066	mg/L	0.00218	32.87%
Pb 220.353†	-10.2	-0.0020	mg/L	0.00142	-0.0020	mg/L	0.00142	72.39%
Cd 226.502†	-7.0	-0.0001	mg/L	0.00008	-0.0001	mg/L	0.00008	157.01%
Co 228.616†	1.3	0.0001	mg/L	0.00031	0.0001	mg/L	0.00031	507.96%
Ni 232.003†	12.6	0.0008	mg/L	0.00058	0.0008	mg/L	0.00058	70.44%
Ba 233.527†	8.4	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	38.24%
Mn 257.610†	-6.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	117.83%
Cr 267.716†	11.1	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	40.63%
Fe 273.955†	-4.4	-0.0002	mg/L	0.00032	-0.0002	mg/L	0.00032	150.59%
Mg 279.077†	17.2	0.0009	mg/L	0.00116	0.0009	mg/L	0.00116	123.46%
V 292.402†	4.0	0.0000	mg/L	0.00015	0.0000	mg/L	0.00015	>999.9%
Al 308.215†	250.5	0.0073	mg/L	0.00037	0.0073	mg/L	0.00037	5.09%
Be 313.107†	113.8	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	96.29%
Cu 324.752†	25.2	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	62.66%
Ag 338.289†	-9.0	0.0000	mg/L	0.00018	0.0000	mg/L	0.00018	418.85%
Na 330.237†	-23.5	-0.0166	mg/L	0.02298	-0.0166	mg/L	0.02298	138.23%
Ca 227.546†	-7.6	-0.0246	mg/L	0.03753	-0.0246	mg/L	0.03753	152.44%
Al RADIAL†	4.9	0.0026	mg/L	0.00580	0.0026	mg/L	0.00580	224.54%
Fe RADIAL†	-1.9	-0.0161	mg/L	0.01484	-0.0161	mg/L	0.01484	92.05%
Ca RADIAL†	0.0	0.0000	mg/L	0.00608	0.0000	mg/L	0.00608	>999.9%
K RADIAL†	-9.3	-0.0064	mg/L	0.00608	-0.0064	mg/L	0.00608	95.72%
Mg RADIAL†	4.8	0.0409	mg/L	0.02925	0.0409	mg/L	0.02925	71.57%
Na RADIAL†	-1827.9	-0.0924	mg/L	0.02560	-0.0924	mg/L	0.02560	27.71%

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Sequence No.: 12
Sample ID: BF20112-SRM1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 6/5/2012 5:45:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-SRM1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17638976.5	4.695	mg/L	0.0317				0.68%
Y RADIAL	283019.7	4.700	mg/L	0.0220				0.47%
As 188.979†	134.9	0.1313	mg/L	0.00591	0.1313	mg/L	0.00591	4.50%
Tl 190.801†	212.9	0.1679	mg/L	0.00599	0.1679	mg/L	0.00599	3.57%
Se 196.026†	230.9	0.5322	mg/L	0.01295	0.5322	mg/L	0.01295	2.43%
Zn 206.200†	23078.5	0.7176	mg/L	0.00722	0.7176	mg/L	0.00722	1.01%
Sb 206.836†	187.8	0.1329	mg/L	0.00307	0.1329	mg/L	0.00307	2.31%
Pb 220.353†	10673.3	2.038	mg/L	0.0214	2.038	mg/L	0.0214	1.05%
Cd 226.502†	34073.3	0.2503	mg/L	0.00180	0.2503	mg/L	0.00180	0.72%
Co 228.616†	15006.0	0.7145	mg/L	0.00474	0.7145	mg/L	0.00474	0.66%
Ni 232.003†	9341.6	0.6074	mg/L	0.00412	0.6074	mg/L	0.00412	0.68%
Ba 233.527†	116346.1	1.239	mg/L	0.0084	1.239	mg/L	0.0084	0.68%
Mn 257.610†	634698.2	0.9175	mg/L	0.00543	0.9175	mg/L	0.00543	0.59%
Cr 267.716†	59766.9	0.3999	mg/L	0.00308	0.3999	mg/L	0.00308	0.77%
Fe 273.955†	5891.1	0.2817	mg/L	0.00393	0.2817	mg/L	0.00393	1.39%
Mg 279.077†	-130.2	-0.0071	mg/L	0.00131	-0.0071	mg/L	0.00131	18.43%
V 292.402†	194012.8	0.5013	mg/L	0.00386	0.5013	mg/L	0.00386	0.77%
Al 308.215†	47567.7	1.382	mg/L	0.0147	1.382	mg/L	0.0147	1.07%
Be 313.107†	2118258.7	0.3817	mg/L	0.00368	0.3817	mg/L	0.00368	0.96%
Cu 324.752†	157273.9	0.4563	mg/L	0.00225	0.4563	mg/L	0.00225	0.49%
Ag 338.289†	49990.0	0.2339	mg/L	0.00240	0.2339	mg/L	0.00240	1.03%
Na 330.237†	1263.8	0.8934	mg/L	0.02055	0.8934	mg/L	0.02055	2.30%
Ca 227.546†	-14.8	-0.0456	mg/L	0.06929	-0.0456	mg/L	0.06929	151.88%
Al RADIAL†	2877.0	1.527	mg/L	0.0201	1.527	mg/L	0.0201	1.32%
Fe RADIAL†	31.9	0.2775	mg/L	0.00540	0.2775	mg/L	0.00540	1.95%
Ca RADIAL†	-124.0	-0.0422	mg/L	0.00395	-0.0422	mg/L	0.00395	9.35%
K RADIAL†	17.7	0.0121	mg/L	0.00536	0.0121	mg/L	0.00536	44.35%
Mg RADIAL†	3.4	0.0288	mg/L	0.02310	0.0288	mg/L	0.02310	80.33%
Na RADIAL†	-1887.4	-0.0954	mg/L	0.00863	-0.0954	mg/L	0.00863	9.05%

Sequence No.: 13
Sample ID: 12F0115-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 6/5/2012 5:50:02 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17431456.9	4.640	mg/L	0.0181				0.39%
Y RADIAL	279049.0	4.634	mg/L	0.0310				0.67%
As 188.979†	-0.1	-0.0001	mg/L	0.00365	-0.0001	mg/L	0.00365	>999.9%
Tl 190.801†	1.1	0.0009	mg/L	0.00284	0.0009	mg/L	0.00284	317.99%
Se 196.026†	1.3	0.0030	mg/L	0.01088	0.0030	mg/L	0.01088	366.23%
Zn 206.200†	4507.7	0.1402	mg/L	0.00067	0.1402	mg/L	0.00067	0.48%
Sb 206.836†	-2.1	-0.0015	mg/L	0.00294	-0.0015	mg/L	0.00294	201.74%
Pb 220.353†	-1.8	-0.0003	mg/L	0.00097	-0.0003	mg/L	0.00097	370.44%
Cd 226.502†	2.5	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	760.62%
Co 228.616†	16.4	0.0008	mg/L	0.00034	0.0008	mg/L	0.00034	43.11%
Ni 232.003†	1.2	0.0001	mg/L	0.00021	0.0001	mg/L	0.00021	252.78%
Ba 233.527†	2400.3	0.0256	mg/L	0.00029	0.0256	mg/L	0.00029	1.15%
Mn 257.610†	314775.1	0.4549	mg/L	0.00314	0.4549	mg/L	0.00314	0.69%
Cr 267.716†	47.9	0.0003	mg/L	0.00020	0.0003	mg/L	0.00020	62.96%
Fe 273.955†	1138.5	0.0544	mg/L	0.00028	0.0544	mg/L	0.00028	0.52%
Mg 279.077†	107274.0	5.848	mg/L	0.0361	5.848	mg/L	0.0361	0.62%
V 292.402†	-8.3	0.0000	mg/L	0.00019	0.0000	mg/L	0.00019	721.26%
Al 308.215†	-193.8	-0.0059	mg/L	0.00237	-0.0059	mg/L	0.00237	40.54%
Be 313.107†	74.8	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	108.83%
Cu 324.752†	4614.9	0.0132	mg/L	0.00011	0.0132	mg/L	0.00011	0.80%
Ag 338.289†	13.5	0.0000	mg/L	0.00032	0.0000	mg/L	0.00032	>999.9%
Na 330.237†	25361.2	17.92	mg/L	0.100	17.92	mg/L	0.100	0.56%
Ca 227.546†	2592.0	8.363	mg/L	0.0862	8.363	mg/L	0.0862	1.03%
Al RADIAL†	-49.7	-0.0264	mg/L	0.00840	-0.0264	mg/L	0.00840	31.89%
Fe RADIAL†	4.2	0.0368	mg/L	0.00607	0.0368	mg/L	0.00607	16.50%
Ca RADIAL†	25421.8	8.662	mg/L	0.0970	8.662	mg/L	0.0970	1.12%
K RADIAL†	2464.1	1.683	mg/L	0.0400	1.683	mg/L	0.0400	2.38%
Mg RADIAL†	718.3	6.156	mg/L	0.0997	6.156	mg/L	0.0997	1.62%
Na RADIAL†	491672.3	24.85	mg/L	0.060	24.85	mg/L	0.060	0.24%

Sequence No.: 14
Sample ID: 12F0115-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 6/5/2012 5:54:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17381164.2	4.627	mg/L	0.0112				0.24%
Y RADIAL	280338.4	4.655	mg/L	0.0538				1.15%
As 188.979†	-11.1	-0.0095	mg/L	0.00238	-0.0095	mg/L	0.00238	24.95%
Tl 190.801†	4.4	0.0042	mg/L	0.00304	0.0042	mg/L	0.00304	72.42%
Se 196.026†	-1.7	0.0023	mg/L	0.01075	0.0023	mg/L	0.01075	457.42%
Zn 206.200†	5173.2	0.1604	mg/L	0.00020	0.1604	mg/L	0.00020	0.13%
Sb 206.836†	-7.1	-0.0050	mg/L	0.00373	-0.0050	mg/L	0.00373	74.53%
Pb 220.353†	169.7	0.0314	mg/L	0.00059	0.0314	mg/L	0.00059	1.87%
Cd 226.502†	156.9	-0.0005	mg/L	0.00007	-0.0005	mg/L	0.00007	12.71%
Co 228.616†	22.5	0.0011	mg/L	0.00012	0.0011	mg/L	0.00012	11.03%
Ni 232.003†	23.5	0.0030	mg/L	0.00071	0.0030	mg/L	0.00071	23.91%
Ba 233.527†	2421.2	0.0258	mg/L	0.00008	0.0258	mg/L	0.00008	0.31%
Mn 257.610†	320029.8	0.4630	mg/L	0.00432	0.4630	mg/L	0.00432	0.93%
Cr 267.716†	153.3	0.0010	mg/L	0.00014	0.0010	mg/L	0.00014	13.24%
Fe 273.955†	184935.2	8.843	mg/L	0.0734	8.843	mg/L	0.0734	0.83%
Mg 279.077†	107865.9	5.881	mg/L	0.0579	5.881	mg/L	0.0579	0.99%
V 292.402†	1808.4	0.0040	mg/L	0.00016	0.0040	mg/L	0.00016	4.00%
Al 308.215†	2390.6	0.0700	mg/L	0.00144	0.0700	mg/L	0.00144	2.06%
Be 313.107†	82.9	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	27.54%

Cu 324.752†	42188.5	0.1226 mg/L	0.00074	0.1226 mg/L	0.00074	0.61%
Ag 338.289†	5.9	-0.0001 mg/L	0.00037	-0.0001 mg/L	0.00037	613.82%
Na 330.237†	25886.7	18.33 mg/L	0.186	18.33 mg/L	0.186	1.01%
Ca 227.546†	2602.4	8.438 mg/L	0.0673	8.438 mg/L	0.0673	0.80%
Al RADIAL†	117.5	0.0624 mg/L	0.00472	0.0624 mg/L	0.00472	7.56%
Fe RADIAL†	1068.1	9.297 mg/L	0.0934	9.297 mg/L	0.0934	1.00%
Ca RADIAL†	25703.5	8.758 mg/L	0.1857	8.758 mg/L	0.1857	2.12%
K RADIAL†	2415.7	1.650 mg/L	0.0256	1.650 mg/L	0.0256	1.55%
Mg RADIAL†	719.4	6.165 mg/L	0.0403	6.165 mg/L	0.0403	0.65%
Na RADIAL†	495459.1	25.04 mg/L	0.180	25.04 mg/L	0.180	0.72%

Sequence No.: 15
Sample ID: 12F0115-02
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 6/5/2012 5:59:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17224322.4	4.585	mg/L	0.0308				0.67%
Y RADIAL	278052.3	4.617	mg/L	0.0434				0.94%
As 188.979†	-4.9	-0.0048	mg/L	0.00241	-0.0048	mg/L	0.00241	50.13%
Tl 190.801†	2.2	0.0017	mg/L	0.00298	0.0017	mg/L	0.00298	174.48%
Se 196.026†	1.8	0.0041	mg/L	0.01198	0.0041	mg/L	0.01198	291.60%
Zn 206.200†	429.3	0.0133	mg/L	0.00034	0.0133	mg/L	0.00034	2.57%
Sb 206.836†	-4.9	-0.0034	mg/L	0.00085	-0.0034	mg/L	0.00085	24.73%
Pb 220.353†	-14.9	-0.0028	mg/L	0.00194	-0.0028	mg/L	0.00194	70.53%
Cd 226.502†	-3.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	67.82%
Co 228.616†	11.7	0.0006	mg/L	0.00020	0.0006	mg/L	0.00020	36.47%
Ni 232.003†	-12.6	-0.0008	mg/L	0.00078	-0.0008	mg/L	0.00078	96.42%
Ba 233.527†	1803.9	0.0192	mg/L	0.00014	0.0192	mg/L	0.00014	0.71%
Mn 257.610†	99366.4	0.1435	mg/L	0.00163	0.1435	mg/L	0.00163	1.14%
Cr 267.716†	52.2	0.0003	mg/L	0.00008	0.0003	mg/L	0.00008	21.69%
Fe 273.955†	931.3	0.0445	mg/L	0.00121	0.0445	mg/L	0.00121	2.71%
Mg 279.077†	102182.2	5.570	mg/L	0.0604	5.570	mg/L	0.0604	1.09%
V 292.402†	30.2	0.0001	mg/L	0.00018	0.0001	mg/L	0.00018	243.31%
Al 308.215†	0.2	-0.0002	mg/L	0.00078	-0.0002	mg/L	0.00078	365.63%
Be 313.107†	-174.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	30.45%
Cu 324.752†	622.3	0.0016	mg/L	0.00018	0.0016	mg/L	0.00018	11.16%
Ag 338.289†	58.2	0.0002	mg/L	0.00070	0.0002	mg/L	0.00070	380.03%
Na 330.237†	26025.7	18.38	mg/L	0.169	18.38	mg/L	0.169	0.92%
Ca 227.546†	2600.5	8.390	mg/L	0.0841	8.390	mg/L	0.0841	1.00%
Al RADIAL†	-45.3	-0.0240	mg/L	0.00443	-0.0240	mg/L	0.00443	18.42%
Fe RADIAL†	2.8	0.0246	mg/L	0.01725	0.0246	mg/L	0.01725	70.06%
Ca RADIAL†	25699.9	8.756	mg/L	0.2198	8.756	mg/L	0.2198	2.51%
K RADIAL†	2510.7	1.714	mg/L	0.0539	1.714	mg/L	0.0539	3.15%
Mg RADIAL†	672.1	5.760	mg/L	0.0983	5.760	mg/L	0.0983	1.71%
Na RADIAL†	491069.7	24.82	mg/L	0.083	24.82	mg/L	0.083	0.34%

Sequence No.: 16
Sample ID: 12F0115-02
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 6/5/2012 6:04:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17308194.6	4.607	mg/L	0.0267				0.58%
Y RADIAL	274646.9	4.561	mg/L	0.0365				0.80%
As 188.979†	-11.6	-0.0110	mg/L	0.00296	-0.0110	mg/L	0.00296	26.80%
Tl 190.801†	-0.7	-0.0004	mg/L	0.00331	-0.0004	mg/L	0.00331	814.09%
Se 196.026†	-1.2	-0.0015	mg/L	0.00269	-0.0015	mg/L	0.00269	175.26%
Zn 206.200†	622.6	0.0193	mg/L	0.00016	0.0193	mg/L	0.00016	0.84%
Sb 206.836†	-7.6	-0.0053	mg/L	0.00074	-0.0053	mg/L	0.00074	13.78%
Pb 220.353†	-3.8	-0.0008	mg/L	0.00142	-0.0008	mg/L	0.00142	169.56%
Cd 226.502†	36.6	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	206.99%

Co 228.616†	7.3	0.0003 mg/L	0.00033	0.0003 mg/L	0.00033	94.18%
Ni 232.003†	-16.1	-0.0008 mg/L	0.00046	-0.0008 mg/L	0.00046	58.77%
Ba 233.527†	2003.5	0.0213 mg/L	0.00023	0.0213 mg/L	0.00023	1.07%
Mn 257.610†	113363.0	0.1639 mg/L	0.00099	0.1639 mg/L	0.00099	0.60%
Cr 267.716†	64.5	0.0004 mg/L	0.00011	0.0004 mg/L	0.00011	24.67%
Fe 273.955†	34039.5	1.628 mg/L	0.0106	1.628 mg/L	0.0106	0.65%
Mg 279.077†	102584.1	5.592 mg/L	0.0401	5.592 mg/L	0.0401	0.72%
V 292.402†	530.4	0.0012 mg/L	0.00010	0.0012 mg/L	0.00010	7.69%
Al 308.215†	438.6	0.0127 mg/L	0.00130	0.0127 mg/L	0.00130	10.28%
Be 313.107†	-201.6	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	64.17%
Cu 324.752†	798.3	0.0022 mg/L	0.00016	0.0022 mg/L	0.00016	7.42%
Ag 338.289†	47.2	0.0001 mg/L	0.00004	0.0001 mg/L	0.00004	27.47%
Na 330.237†	25997.6	18.37 mg/L	0.115	18.37 mg/L	0.115	0.62%
Ca 227.546†	2625.0	8.477 mg/L	0.0764	8.477 mg/L	0.0764	0.90%
Al RADIAL†	2.3	0.0012 mg/L	0.00246	0.0012 mg/L	0.00246	199.69%
Fe RADIAL†	192.6	1.677 mg/L	0.0320	1.677 mg/L	0.0320	1.91%
Ca RADIAL†	25813.0	8.795 mg/L	0.1203	8.795 mg/L	0.1203	1.37%
K RADIAL†	2493.2	1.702 mg/L	0.0429	1.702 mg/L	0.0429	2.52%
Mg RADIAL†	670.0	5.742 mg/L	0.0399	5.742 mg/L	0.0399	0.69%
Na RADIAL†	495450.1	25.04 mg/L	0.111	25.04 mg/L	0.111	0.44%

Sequence No.: 17
Sample ID: 12F0116-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 6/5/2012 6:09:12 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0116-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	16968302.1	4.517	mg/L	0.0383				0.85%
Y RADIAL	272872.3	4.531	mg/L	0.0845				1.86%
As 188.979†	-8.4	-0.0082	mg/L	0.00626	-0.0082	mg/L	0.00626	76.66%
Tl 190.801†	0.8	0.0006	mg/L	0.00119	0.0006	mg/L	0.00119	187.67%
Se 196.026†	1.3	0.0030	mg/L	0.00600	0.0030	mg/L	0.00600	197.08%
Zn 206.200†	1630.0	0.0507	mg/L	0.00018	0.0507	mg/L	0.00018	0.36%
Sb 206.836†	-9.3	-0.0066	mg/L	0.00373	-0.0066	mg/L	0.00373	56.98%
Pb 220.353†	-18.0	-0.0033	mg/L	0.00181	-0.0033	mg/L	0.00181	54.24%
Cd 226.502†	9.3	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	66.25%
Co 228.616†	3.9	0.0002	mg/L	0.00044	0.0002	mg/L	0.00044	240.33%
Ni 232.003†	3.1	0.0002	mg/L	0.00033	0.0002	mg/L	0.00033	157.78%
Ba 233.527†	1917.7	0.0204	mg/L	0.00020	0.0204	mg/L	0.00020	0.97%
Mn 257.610†	94331.2	0.1363	mg/L	0.00113	0.1363	mg/L	0.00113	0.83%
Cr 267.716†	39.6	0.0003	mg/L	0.00006	0.0003	mg/L	0.00006	24.12%
Fe 273.955†	958.2	0.0458	mg/L	0.00031	0.0458	mg/L	0.00031	0.67%
Mg 279.077†	103379.7	5.636	mg/L	0.0353	5.636	mg/L	0.0353	0.63%
V 292.402†	9.4	0.0000	mg/L	0.00021	0.0000	mg/L	0.00021	>999.9%
Al 308.215†	13.1	0.0002	mg/L	0.00149	0.0002	mg/L	0.00149	945.36%
Be 313.107†	-235.1	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	57.24%
Cu 324.752†	1570.6	0.0043	mg/L	0.00010	0.0043	mg/L	0.00010	2.21%
Ag 338.289†	51.3	0.0002	mg/L	0.00033	0.0002	mg/L	0.00033	216.54%
Na 330.237†	26355.4	18.62	mg/L	0.110	18.62	mg/L	0.110	0.59%
Ca 227.546†	2631.0	8.489	mg/L	0.0543	8.489	mg/L	0.0543	0.64%
Al RADIAL†	-40.7	-0.0216	mg/L	0.01027	-0.0216	mg/L	0.01027	47.58%
Fe RADIAL†	1.6	0.0137	mg/L	0.01542	0.0137	mg/L	0.01542	112.94%
Ca RADIAL†	25922.4	8.832	mg/L	0.1825	8.832	mg/L	0.1825	2.07%
K RADIAL†	2672.9	1.825	mg/L	0.0573	1.825	mg/L	0.0573	3.14%
Mg RADIAL†	677.6	5.807	mg/L	0.1340	5.807	mg/L	0.1340	2.31%
Na RADIAL†	497517.7	25.14	mg/L	0.054	25.14	mg/L	0.054	0.22%

Sequence No.: 18
Sample ID: BF20112-DUP1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 16
Date Collected: 6/5/2012 6:13:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-DUP1

	Mean Corrected	Calib.			Sample			

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Y 371.029	17299581.3	4.605	mg/L	0.0319				0.69%
Y RADIAL	274094.2	4.552	mg/L	0.0137				0.30%
As 188.979†	-3.5	-0.0034	mg/L	0.00198	-0.0034	mg/L	0.00198	58.53%
Tl 190.801†	0.9	0.0007	mg/L	0.00173	0.0007	mg/L	0.00173	256.31%
Se 196.026†	5.9	0.0135	mg/L	0.01042	0.0135	mg/L	0.01042	77.07%
Zn 206.200†	1610.4	0.0501	mg/L	0.00031	0.0501	mg/L	0.00031	0.63%
Sb 206.836†	-4.8	-0.0034	mg/L	0.00206	-0.0034	mg/L	0.00206	60.70%
Pb 220.353†	-18.4	-0.0034	mg/L	0.00114	-0.0034	mg/L	0.00114	33.20%
Cd 226.502†	4.0	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	251.50%
Co 228.616†	5.3	0.0003	mg/L	0.00041	0.0003	mg/L	0.00041	163.59%
Ni 232.003†	0.7	0.0001	mg/L	0.00080	0.0001	mg/L	0.00080	>999.9%
Ba 233.527†	1886.6	0.0201	mg/L	0.00023	0.0201	mg/L	0.00023	1.13%
Mn 257.610†	92503.8	0.1336	mg/L	0.00136	0.1336	mg/L	0.00136	1.02%
Cr 267.716†	11.4	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	127.33%
Fe 273.955†	940.9	0.0450	mg/L	0.00026	0.0450	mg/L	0.00026	0.57%
Mg 279.077†	101386.4	5.527	mg/L	0.0492	5.527	mg/L	0.0492	0.89%
V 292.402†	74.8	0.0002	mg/L	0.00024	0.0002	mg/L	0.00024	126.07%
Al 308.215†	-171.7	-0.0052	mg/L	0.00149	-0.0052	mg/L	0.00149	28.55%
Be 313.107†	-132.0	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	69.99%
Cu 324.752†	1523.7	0.0042	mg/L	0.00014	0.0042	mg/L	0.00014	3.43%
Ag 338.289†	-90.8	-0.0005	mg/L	0.00023	-0.0005	mg/L	0.00023	44.13%
Na 330.237†	25601.7	18.09	mg/L	0.187	18.09	mg/L	0.187	1.03%
Ca 227.546†	2610.6	8.423	mg/L	0.0954	8.423	mg/L	0.0954	1.13%
Al RADIAL†	-50.6	-0.0269	mg/L	0.00110	-0.0269	mg/L	0.00110	4.09%
Fe RADIAL†	3.2	0.0274	mg/L	0.02666	0.0274	mg/L	0.02666	97.16%
Ca RADIAL†	25923.3	8.833	mg/L	0.0731	8.833	mg/L	0.0731	0.83%
K RADIAL†	2666.1	1.821	mg/L	0.0295	1.821	mg/L	0.0295	1.62%
Mg RADIAL†	673.9	5.775	mg/L	0.0715	5.775	mg/L	0.0715	1.24%
Na RADIAL†	495903.6	25.06	mg/L	0.075	25.06	mg/L	0.075	0.30%

Sequence No.: 19
Sample ID: BF20112-MS1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 17
Date Collected: 6/5/2012 6:18:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-MS1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16903474.6	4.500	mg/L	0.0477				1.06%
Y RADIAL	269131.3	4.469	mg/L	0.0644				1.44%
As 188.979†	2094.3	2.038	mg/L	0.0159	2.038	mg/L	0.0159	0.78%
Tl 190.801†	2754.3	2.172	mg/L	0.0183	2.172	mg/L	0.0183	0.84%
Se 196.026†	900.0	2.074	mg/L	0.0223	2.074	mg/L	0.0223	1.08%
Zn 206.200†	18428.7	0.5730	mg/L	0.01112	0.5730	mg/L	0.01112	1.94%
Sb 206.836†	353.8	0.2503	mg/L	0.00772	0.2503	mg/L	0.00772	3.08%
Pb 220.353†	2753.5	0.5259	mg/L	0.00702	0.5259	mg/L	0.00702	1.33%
Cd 226.502†	6704.8	0.0491	mg/L	0.00097	0.0491	mg/L	0.00097	1.97%
Co 228.616†	11260.9	0.5361	mg/L	0.01300	0.5361	mg/L	0.01300	2.42%
Ni 232.003†	8102.8	0.5270	mg/L	0.01284	0.5270	mg/L	0.01284	2.44%
Ba 233.527†	208302.1	2.219	mg/L	0.0452	2.219	mg/L	0.0452	2.04%
Mn 257.610†	459841.8	0.6647	mg/L	0.01313	0.6647	mg/L	0.01313	1.98%
Cr 267.716†	30023.5	0.2009	mg/L	0.00419	0.2009	mg/L	0.00419	2.09%
Fe 273.955†	22446.5	1.073	mg/L	0.0212	1.073	mg/L	0.0212	1.97%
Mg 279.077†	98794.1	5.386	mg/L	0.1016	5.386	mg/L	0.1016	1.89%
V 292.402†	198153.5	0.5119	mg/L	0.01006	0.5119	mg/L	0.01006	1.96%
Al 308.215†	68177.2	1.981	mg/L	0.0446	1.981	mg/L	0.0446	2.25%
Be 313.107†	292795.7	0.0528	mg/L	0.00117	0.0528	mg/L	0.00117	2.22%
Cu 324.752†	94209.0	0.2731	mg/L	0.00515	0.2731	mg/L	0.00515	1.89%
Ag 338.289†	9665.5	0.0451	mg/L	0.00102	0.0451	mg/L	0.00102	2.27%
Na 330.237†	26363.9	18.63	mg/L	0.296	18.63	mg/L	0.296	1.59%
Ca 227.546†	2647.1	8.547	mg/L	0.0898	8.547	mg/L	0.0898	1.05%
Al RADIAL†	4378.9	2.324	mg/L	0.0652	2.324	mg/L	0.0652	2.80%
Fe RADIAL†	130.3	1.135	mg/L	0.0191	1.135	mg/L	0.0191	1.69%
Ca RADIAL†	25903.2	8.826	mg/L	0.2759	8.826	mg/L	0.2759	3.13%
K RADIAL†	2579.5	1.761	mg/L	0.0676	1.761	mg/L	0.0676	3.84%
Mg RADIAL†	669.7	5.739	mg/L	0.1489	5.739	mg/L	0.1489	2.59%
Na RADIAL†	499036.3	25.22	mg/L	0.250	25.22	mg/L	0.250	0.99%

Sequence No.: 20
Sample ID: 12F0116-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 6/5/2012 6:26:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0116-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17207251.1	4.580	mg/L	0.0400				0.87%
Y RADIAL	274231.1	4.554	mg/L	0.0600				1.32%
As 188.979†	-6.5	-0.0061	mg/L	0.00122	-0.0061	mg/L	0.00122	19.92%
Tl 190.801†	4.0	0.0032	mg/L	0.00378	0.0032	mg/L	0.00378	116.31%
Se 196.026†	-0.8	-0.0008	mg/L	0.00582	-0.0008	mg/L	0.00582	743.71%
Zn 206.200†	1019.8	0.0316	mg/L	0.00044	0.0316	mg/L	0.00044	1.38%
Sb 206.836†	-1.0	-0.0007	mg/L	0.00222	-0.0007	mg/L	0.00222	302.09%
Pb 220.353†	-8.6	-0.0017	mg/L	0.00121	-0.0017	mg/L	0.00121	71.10%
Cd 226.502†	21.5	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	49.80%
Co 228.616†	10.2	0.0005	mg/L	0.00035	0.0005	mg/L	0.00035	72.03%
Ni 232.003†	3.9	0.0005	mg/L	0.00091	0.0005	mg/L	0.00091	192.01%
Ba 233.527†	2037.5	0.0217	mg/L	0.00018	0.0217	mg/L	0.00018	0.84%
Mn 257.610†	110283.0	0.1594	mg/L	0.00121	0.1594	mg/L	0.00121	0.76%
Cr 267.716†	69.6	0.0005	mg/L	0.00017	0.0005	mg/L	0.00017	36.31%
Fe 273.955†	28137.8	1.345	mg/L	0.0132	1.345	mg/L	0.0132	0.98%
Mg 279.077†	102073.1	5.564	mg/L	0.0567	5.564	mg/L	0.0567	1.02%
V 292.402†	444.6	0.0010	mg/L	0.00005	0.0010	mg/L	0.00005	4.98%
Al 308.215†	627.3	0.0181	mg/L	0.00315	0.0181	mg/L	0.00315	17.40%
Be 313.107†	-298.0	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	45.53%
Cu 324.752†	2097.5	0.0059	mg/L	0.00008	0.0059	mg/L	0.00008	1.31%
Ag 338.289†	118.0	0.0005	mg/L	0.00005	0.0005	mg/L	0.00005	10.04%
Na 330.237†	26001.1	18.37	mg/L	0.134	18.37	mg/L	0.134	0.73%
Ca 227.546†	2622.2	8.467	mg/L	0.0630	8.467	mg/L	0.0630	0.74%
Al RADIAL†	-15.6	-0.0083	mg/L	0.00465	-0.0083	mg/L	0.00465	56.08%
Fe RADIAL†	158.6	1.380	mg/L	0.0065	1.380	mg/L	0.0065	0.47%
Ca RADIAL†	25643.2	8.737	mg/L	0.0842	8.737	mg/L	0.0842	0.96%
K RADIAL†	2505.8	1.711	mg/L	0.0113	1.711	mg/L	0.0113	0.66%
Mg RADIAL†	669.0	5.734	mg/L	0.1161	5.734	mg/L	0.1161	2.03%
Na RADIAL†	497301.3	25.13	mg/L	0.059	25.13	mg/L	0.059	0.23%

Sequence No.: 21
Sample ID: CCV-2
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/5/2012 6:31:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-2

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17259114.9	4.594	mg/L	0.0429				0.93%
Y RADIAL	273149.7	4.536	mg/L	0.0602				1.33%
As 188.979†	241.7	0.2359	mg/L	0.00861	0.2359	mg/L	0.00861	3.65%
Tl 190.801†	316.2	0.2498	mg/L	0.00364	0.2498	mg/L	0.00364	1.46%
Se 196.026†	103.9	0.2427	mg/L	0.01499	0.2427	mg/L	0.01499	6.18%
Zn 206.200†	79616.5	2.475	mg/L	0.0215	2.475	mg/L	0.0215	0.87%
Sb 206.836†	368.2	0.2604	mg/L	0.00499	0.2604	mg/L	0.00499	1.91%
Pb 220.353†	1285.9	0.2461	mg/L	0.00133	0.2461	mg/L	0.00133	0.54%
Cd 226.502†	16366.4	0.1193	mg/L	0.00153	0.1193	mg/L	0.00153	1.28%
Co 228.616†	53062.2	2.526	mg/L	0.0178	2.526	mg/L	0.0178	0.71%
Ni 232.003†	37951.2	2.468	mg/L	0.0218	2.468	mg/L	0.0218	0.88%
Ba 233.527†	956086.9	10.18	mg/L	0.165	10.18	mg/L	0.165	1.62%
Mn 257.610†	1716893.0	2.482	mg/L	0.0435	2.482	mg/L	0.0435	1.75%
Cr 267.716†	149552.3	1.001	mg/L	0.0104	1.001	mg/L	0.0104	1.03%
Fe 273.955†	102741.3	4.913	mg/L	0.0575	4.913	mg/L	0.0575	1.17%
Mg 279.077†	442557.5	24.13	mg/L	0.378	24.13	mg/L	0.378	1.57%
V 292.402†	953353.2	2.463	mg/L	0.0454	2.463	mg/L	0.0454	1.84%
Al 308.215†	330811.2	9.614	mg/L	0.1651	9.614	mg/L	0.1651	1.72%
Be 313.107†	1391731.9	0.2508	mg/L	0.00504	0.2508	mg/L	0.00504	2.01%
Cu 324.752†	422397.9	1.225	mg/L	0.0228	1.225	mg/L	0.0228	1.86%

Ag 338.289†	257206.7	1.203 mg/L	0.0212	1.203 mg/L	0.0212	1.76%
Na 330.237†	33773.6	23.91 mg/L	0.255	23.91 mg/L	0.255	1.07%
Ca 227.546†	7444.2	24.05 mg/L	0.247	24.05 mg/L	0.247	1.03%
Al RADIAL†	21662.6	11.50 mg/L	0.346	11.50 mg/L	0.346	3.01%
Fe RADIAL†	580.6	5.054 mg/L	0.0858	5.054 mg/L	0.0858	1.70%
Ca RADIAL†	74803.3	25.49 mg/L	0.610	25.49 mg/L	0.610	2.39%
K RADIAL†	7686.6	5.249 mg/L	0.1860	5.249 mg/L	0.1860	3.54%
Mg RADIAL†	3076.9	26.37 mg/L	0.352	26.37 mg/L	0.352	1.33%
Na RADIAL†	544631.4	27.52 mg/L	0.046	27.52 mg/L	0.046	0.17%

Sequence No.: 22
Sample ID: CCB-2
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/5/2012 6:39:48 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-2

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17703679.6	4.713	mg/L	0.0057				0.12%
Y RADIAL	280063.1	4.651	mg/L	0.0058				0.13%
As 188.979†	-3.7	-0.0036	mg/L	0.00595	-0.0036	mg/L	0.00595	166.80%
Tl 190.801†	1.7	0.0014	mg/L	0.00057	0.0014	mg/L	0.00057	42.14%
Se 196.026†	3.4	0.0077	mg/L	0.00040	0.0077	mg/L	0.00040	5.19%
Zn 206.200†	8.4	0.0003	mg/L	0.00019	0.0003	mg/L	0.00019	72.58%
Sb 206.836†	-6.8	-0.0048	mg/L	0.00278	-0.0048	mg/L	0.00278	57.42%
Pb 220.353†	-16.8	-0.0032	mg/L	0.00080	-0.0032	mg/L	0.00080	25.04%
Cd 226.502†	-11.3	-0.0001	mg/L	0.00007	-0.0001	mg/L	0.00007	86.57%
Co 228.616†	0.4	0.0000	mg/L	0.00015	0.0000	mg/L	0.00015	798.89%
Ni 232.003†	-19.7	-0.0013	mg/L	0.00063	-0.0013	mg/L	0.00063	49.52%
Ba 233.527†	3.7	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	165.32%
Mn 257.610†	7.8	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	316.98%
Cr 267.716†	-2.1	0.0000	mg/L	0.00020	0.0000	mg/L	0.00020	>999.9%
Fe 273.955†	5.8	0.0003	mg/L	0.00026	0.0003	mg/L	0.00026	95.23%
Mg 279.077†	6.2	0.0003	mg/L	0.00154	0.0003	mg/L	0.00154	452.97%
V 292.402†	30.0	0.0001	mg/L	0.00011	0.0001	mg/L	0.00011	135.84%
Al 308.215†	317.7	0.0092	mg/L	0.00152	0.0092	mg/L	0.00152	16.43%
Be 313.107†	22.9	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	103.74%
Cu 324.752†	57.8	0.0002	mg/L	0.00022	0.0002	mg/L	0.00022	128.47%
Ag 338.289†	37.0	0.0002	mg/L	0.00035	0.0002	mg/L	0.00035	200.13%
Na 330.237†	-7.4	-0.0053	mg/L	0.01799	-0.0053	mg/L	0.01799	342.41%
Ca 227.546†	-8.9	-0.0286	mg/L	0.04765	-0.0286	mg/L	0.04765	166.60%
Al RADIAL†	-9.0	-0.0048	mg/L	0.00510	-0.0048	mg/L	0.00510	106.31%
Fe RADIAL†	-1.9	-0.0165	mg/L	0.01773	-0.0165	mg/L	0.01773	107.24%
Ca RADIAL†	-17.1	-0.0058	mg/L	0.00877	-0.0058	mg/L	0.00877	150.17%
K RADIAL†	-34.7	-0.0237	mg/L	0.01742	-0.0237	mg/L	0.01742	73.52%
Mg RADIAL†	3.0	0.0256	mg/L	0.03563	0.0256	mg/L	0.03563	139.40%
Na RADIAL†	-3717.9	-0.1879	mg/L	0.00805	-0.1879	mg/L	0.00805	4.28%

Sequence No.: 23
Sample ID: BF20112-DUP1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 19
Date Collected: 6/5/2012 6:44:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-DUP1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16994455.3	4.524	mg/L	0.0052				0.12%
Y RADIAL	269742.0	4.479	mg/L	0.0844				1.88%
As 188.979†	-6.0	-0.0056	mg/L	0.00252	-0.0056	mg/L	0.00252	44.77%
Tl 190.801†	-0.3	-0.0001	mg/L	0.00351	-0.0001	mg/L	0.00351	>999.9%
Se 196.026†	-0.8	-0.0010	mg/L	0.01335	-0.0010	mg/L	0.01335	>999.9%
Zn 206.200†	1015.7	0.0315	mg/L	0.00038	0.0315	mg/L	0.00038	1.19%
Sb 206.836†	-5.7	-0.0040	mg/L	0.00212	-0.0040	mg/L	0.00212	52.95%
Pb 220.353†	-9.4	-0.0019	mg/L	0.00078	-0.0019	mg/L	0.00078	41.74%
Cd 226.502†	33.5	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	532.82%
Co 228.616†	2.9	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	33.64%

Ni 232.003†	-8.1	-0.0003 mg/L	0.00115	-0.0003 mg/L	0.00115	371.07%
Ba 233.527†	2007.1	0.0214 mg/L	0.00015	0.0214 mg/L	0.00015	0.70%
Mn 257.610†	109737.7	0.1586 mg/L	0.00104	0.1586 mg/L	0.00104	0.65%
Cr 267.716†	55.7	0.0004 mg/L	0.00009	0.0004 mg/L	0.00009	23.37%
Fe 273.955†	27982.3	1.338 mg/L	0.0157	1.338 mg/L	0.0157	1.17%
Mg 279.077†	101624.1	5.540 mg/L	0.0455	5.540 mg/L	0.0455	0.82%
V 292.402†	471.1	0.0011 mg/L	0.00015	0.0011 mg/L	0.00015	13.68%
Al 308.215†	426.0	0.0123 mg/L	0.00073	0.0123 mg/L	0.00073	5.98%
Be 313.107†	-85.6	0.0000 mg/L	0.00001	0.0000 mg/L	0.00001	43.80%
Cu 324.752†	1986.6	0.0056 mg/L	0.00018	0.0056 mg/L	0.00018	3.28%
Ag 338.289†	0.8	-0.0001 mg/L	0.00045	-0.0001 mg/L	0.00045	529.63%
Na 330.237†	25752.0	18.20 mg/L	0.127	18.20 mg/L	0.127	0.70%
Ca 227.546†	2603.3	8.406 mg/L	0.0838	8.406 mg/L	0.0838	1.00%
Al RADIAL†	-3.5	-0.0018 mg/L	0.00274	-0.0018 mg/L	0.00274	148.08%
Fe RADIAL†	157.4	1.370 mg/L	0.0065	1.370 mg/L	0.0065	0.47%
Ca RADIAL†	25719.3	8.763 mg/L	0.0730	8.763 mg/L	0.0730	0.83%
K RADIAL†	2515.6	1.718 mg/L	0.0416	1.718 mg/L	0.0416	2.42%
Mg RADIAL†	669.8	5.740 mg/L	0.0504	5.740 mg/L	0.0504	0.88%
Na RADIAL†	496295.4	25.08 mg/L	0.076	25.08 mg/L	0.076	0.30%

Sequence No.: 24
Sample ID: BF20112-MS1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 20
Date Collected: 6/5/2012 6:49:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-MS1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	32935219.8	8.767	mg/L	0.0740				0.84%
Y RADIAL	528759.2	8.781	mg/L	0.1105				1.26%
As 188.979†	1036.8	1.009	mg/L	0.0137	1.009	mg/L	0.0137	1.36%
Tl 190.801†	1369.8	1.080	mg/L	0.0165	1.080	mg/L	0.0165	1.52%
Se 196.026†	442.5	1.020	mg/L	0.0196	1.020	mg/L	0.0196	1.92%
Zn 206.200†	9224.8	0.2868	mg/L	0.00387	0.2868	mg/L	0.00387	1.35%
Sb 206.836†	166.7	0.1179	mg/L	0.00158	0.1179	mg/L	0.00158	1.34%
Pb 220.353†	1345.0	0.2568	mg/L	0.00152	0.2568	mg/L	0.00152	0.59%
Cd 226.502†	3608.5	0.0263	mg/L	0.00027	0.0263	mg/L	0.00027	1.01%
Co 228.616†	5837.1	0.2779	mg/L	0.00379	0.2779	mg/L	0.00379	1.37%
Ni 232.003†	4402.5	0.2864	mg/L	0.00387	0.2864	mg/L	0.00387	1.35%
Ba 233.527†	105759.2	1.127	mg/L	0.0136	1.127	mg/L	0.0136	1.21%
Mn 257.610†	241310.1	0.3488	mg/L	0.00443	0.3488	mg/L	0.00443	1.27%
Cr 267.716†	15309.3	0.1024	mg/L	0.00140	0.1024	mg/L	0.00140	1.37%
Fe 273.955†	24845.9	1.188	mg/L	0.0174	1.188	mg/L	0.0174	1.46%
Mg 279.077†	49943.6	2.723	mg/L	0.0349	2.723	mg/L	0.0349	1.28%
V 292.402†	101387.4	0.2619	mg/L	0.00346	0.2619	mg/L	0.00346	1.32%
Al 308.215†	31420.2	0.9131	mg/L	0.01787	0.9131	mg/L	0.01787	1.96%
Be 313.107†	151948.8	0.0274	mg/L	0.00037	0.0274	mg/L	0.00037	1.36%
Cu 324.752†	46551.6	0.1350	mg/L	0.00195	0.1350	mg/L	0.00195	1.44%
Ag 338.289†	5188.0	0.0242	mg/L	0.00027	0.0242	mg/L	0.00027	1.13%
Na 330.237†	13264.0	9.376	mg/L	0.1745	9.376	mg/L	0.1745	1.86%
Ca 227.546†	1463.0	4.726	mg/L	0.0715	4.726	mg/L	0.0715	1.51%
Al RADIAL†	2161.5	1.147	mg/L	0.0039	1.147	mg/L	0.0039	0.34%
Fe RADIAL†	140.6	1.224	mg/L	0.0245	1.224	mg/L	0.0245	2.00%
Ca RADIAL†	12726.9	4.336	mg/L	0.0209	4.336	mg/L	0.0209	0.48%
K RADIAL†	1188.3	0.8114	mg/L	0.01046	0.8114	mg/L	0.01046	1.29%
Mg RADIAL†	334.4	2.866	mg/L	0.0491	2.866	mg/L	0.0491	1.71%
Na RADIAL†	256152.0	12.94	mg/L	0.054	12.94	mg/L	0.054	0.41%

Sequence No.: 25
Sample ID: 12F0102-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 6/5/2012 6:54:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0102-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD

Y 371.029	16400563.9	4.366	mg/L	0.0528			1.21%
Y RADIAL	266389.4	4.424	mg/L	0.0419			0.95%
As 188.979†	-5.3	-0.0052	mg/L	0.00306	-0.0052 mg/L	0.00306	59.03%
Tl 190.801†	4.5	0.0036	mg/L	0.00229	0.0036 mg/L	0.00229	64.60%
Se 196.026†	2.3	0.0053	mg/L	0.00279	0.0053 mg/L	0.00279	53.09%
Zn 206.200†	1770.4	0.0550	mg/L	0.00039	0.0550 mg/L	0.00039	0.70%
Sb 206.836†	1.3	0.0009	mg/L	0.00350	0.0009 mg/L	0.00350	368.98%
Pb 220.353†	-3.5	-0.0005	mg/L	0.00151	-0.0005 mg/L	0.00151	316.02%
Cd 226.502†	1.0	0.0000	mg/L	0.00005	0.0000 mg/L	0.00005	>999.9%
Co 228.616†	6.4	0.0003	mg/L	0.00017	0.0003 mg/L	0.00017	57.01%
Ni 232.003†	21.6	0.0014	mg/L	0.00095	0.0014 mg/L	0.00095	67.01%
Ba 233.527†	3342.7	0.0356	mg/L	0.00046	0.0356 mg/L	0.00046	1.30%
Mn 257.610†	28880.4	0.0417	mg/L	0.00051	0.0417 mg/L	0.00051	1.23%
Cr 267.716†	78.7	0.0005	mg/L	0.00004	0.0005 mg/L	0.00004	6.80%
Fe 273.955†	1203.2	0.0575	mg/L	0.00071	0.0575 mg/L	0.00071	1.24%
Mg 279.077†	46027.2	2.509	mg/L	0.0241	2.509 mg/L	0.0241	0.96%
V 292.402†	105.0	0.0003	mg/L	0.00013	0.0003 mg/L	0.00013	47.30%
Al 308.215†	997.3	0.0287	mg/L	0.00399	0.0287 mg/L	0.00399	13.88%
Be 313.107†	-437.6	-0.0001	mg/L	0.00004	-0.0001 mg/L	0.00004	45.47%
Cu 324.752†	4004.6	0.0113	mg/L	0.00028	0.0113 mg/L	0.00028	2.47%
Ag 338.289†	9.5	-0.0001	mg/L	0.00041	-0.0001 mg/L	0.00041	319.01%
Na 330.237†	162775.6	114.9	mg/L	1.55	114.9 mg/L	1.55	1.35%
Ca 227.546†	5076.1	16.38	mg/L	0.143	16.38 mg/L	0.143	0.87%
Al RADIAL†	-6.0	-0.0032	mg/L	0.00615	-0.0032 mg/L	0.00615	194.37%
Fe RADIAL†	6.6	0.0575	mg/L	0.00157	0.0575 mg/L	0.00157	2.74%
Ca RADIAL†	48049.1	16.37	mg/L	0.020	16.37 mg/L	0.020	0.12%
K RADIAL†	24339.4	16.62	mg/L	0.116	16.62 mg/L	0.116	0.70%
Mg RADIAL†	302.9	2.596	mg/L	0.0749	2.596 mg/L	0.0749	2.88%
Na RADIAL†	2540478.3	128.4	mg/L	2.11	128.4 mg/L	2.11	1.64%

Sequence No.: 26
Sample ID: 12F0102-02
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 6/5/2012 6:58:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0102-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16298516.8	4.339	mg/L	0.0261				0.60%
Y RADIAL	266640.4	4.428	mg/L	0.0755				1.70%
As 188.979†	-6.4	-0.0062	mg/L	0.00975	-0.0062	mg/L	0.00975	157.75%
Tl 190.801†	1.7	0.0014	mg/L	0.00282	0.0014	mg/L	0.00282	203.06%
Se 196.026†	3.7	0.0088	mg/L	0.01375	0.0088	mg/L	0.01375	155.54%
Zn 206.200†	2550.4	0.0793	mg/L	0.00076	0.0793	mg/L	0.00076	0.96%
Sb 206.836†	-2.3	-0.0016	mg/L	0.00247	-0.0016	mg/L	0.00247	151.65%
Pb 220.353†	13.0	0.0027	mg/L	0.00093	0.0027	mg/L	0.00093	35.02%
Cd 226.502†	26.5	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	67.06%
Co 228.616†	17.7	0.0008	mg/L	0.00039	0.0008	mg/L	0.00039	46.35%
Ni 232.003†	15.5	0.0011	mg/L	0.00091	0.0011	mg/L	0.00091	82.48%
Ba 233.527†	5066.3	0.0540	mg/L	0.00024	0.0540	mg/L	0.00024	0.45%
Mn 257.610†	117650.5	0.1700	mg/L	0.00098	0.1700	mg/L	0.00098	0.58%
Cr 267.716†	202.2	0.0014	mg/L	0.00003	0.0014	mg/L	0.00003	1.88%
Fe 273.955†	12137.3	0.5803	mg/L	0.00479	0.5803	mg/L	0.00479	0.83%
Mg 279.077†	54558.7	2.974	mg/L	0.0136	2.974	mg/L	0.0136	0.46%
V 292.402†	205.3	0.0005	mg/L	0.00010	0.0005	mg/L	0.00010	20.84%
Al 308.215†	17983.7	0.5224	mg/L	0.00242	0.5224	mg/L	0.00242	0.46%
Be 313.107†	-1468.3	-0.0003	mg/L	0.00001	-0.0003	mg/L	0.00001	3.45%
Cu 324.752†	12203.6	0.0350	mg/L	0.00046	0.0350	mg/L	0.00046	1.32%
Ag 338.289†	22.4	-0.0001	mg/L	0.00031	-0.0001	mg/L	0.00031	378.99%
Na 330.237†	133842.3	94.50	mg/L	0.757	94.50	mg/L	0.757	0.80%
Ca 227.546†	5475.5	17.67	mg/L	0.108	17.67	mg/L	0.108	0.61%
Al RADIAL†	1071.0	0.5684	mg/L	0.01316	0.5684	mg/L	0.01316	2.32%
Fe RADIAL†	70.1	0.6100	mg/L	0.01583	0.6100	mg/L	0.01583	2.60%
Ca RADIAL†	51609.5	17.58	mg/L	0.010	17.58	mg/L	0.010	0.06%
K RADIAL†	22609.9	15.44	mg/L	0.197	15.44	mg/L	0.197	1.27%
Mg RADIAL†	361.6	3.099	mg/L	0.0585	3.099	mg/L	0.0585	1.89%
Na RADIAL†	2125146.0	107.4	mg/L	1.09	107.4	mg/L	1.09	1.01%

Sequence No.: 27
Sample ID: 12F0104-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 6/5/2012 7:03:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0104-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16581899.5	4.414	mg/L	0.0102				0.23%
Y RADIAL	262465.8	4.359	mg/L	0.0597				1.37%
As 188.979†	-5.2	-0.0051	mg/L	0.00435	-0.0051	mg/L	0.00435	85.75%
Tl 190.801†	-0.9	-0.0007	mg/L	0.00119	-0.0007	mg/L	0.00119	166.10%
Se 196.026†	5.4	0.0124	mg/L	0.00240	0.0124	mg/L	0.00240	19.37%
Zn 206.200†	794.5	0.0247	mg/L	0.00017	0.0247	mg/L	0.00017	0.69%
Sb 206.836†	2.0	0.0014	mg/L	0.00526	0.0014	mg/L	0.00526	370.85%
Pb 220.353†	-8.4	-0.0013	mg/L	0.00050	-0.0013	mg/L	0.00050	37.99%
Cd 226.502†	31.9	0.0002	mg/L	0.00010	0.0002	mg/L	0.00010	45.02%
Co 228.616†	9.9	0.0005	mg/L	0.00028	0.0005	mg/L	0.00028	58.83%
Ni 232.003†	-9.7	-0.0006	mg/L	0.00047	-0.0006	mg/L	0.00047	75.93%
Ba 233.527†	2203.9	0.0235	mg/L	0.00013	0.0235	mg/L	0.00013	0.56%
Mn 257.610†	29902.3	0.0431	mg/L	0.00029	0.0431	mg/L	0.00029	0.68%
Cr 267.716†	138.7	0.0009	mg/L	0.00006	0.0009	mg/L	0.00006	6.15%
Fe 273.955†	1780.1	0.0851	mg/L	0.00047	0.0851	mg/L	0.00047	0.56%
Mg 279.077†	125858.6	6.861	mg/L	0.0502	6.861	mg/L	0.0502	0.73%
V 292.402†	481.0	0.0012	mg/L	0.00023	0.0012	mg/L	0.00023	18.32%
Al 308.215†	1146.2	0.0329	mg/L	0.00101	0.0329	mg/L	0.00101	3.07%
Be 313.107†	-309.1	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	32.40%
Cu 324.752†	2645.3	0.0071	mg/L	0.00016	0.0071	mg/L	0.00016	2.23%
Ag 338.289†	51.5	0.0000	mg/L	0.00043	0.0000	mg/L	0.00043	>999.9%
Na 330.237†	47186.1	33.35	mg/L	0.140	33.35	mg/L	0.140	0.42%
Ca 227.546†	8021.1	25.88	mg/L	0.083	25.88	mg/L	0.083	0.32%
Al RADIAL†	14.3	0.0076	mg/L	0.00209	0.0076	mg/L	0.00209	27.62%
Fe RADIAL†	8.8	0.0766	mg/L	0.00898	0.0766	mg/L	0.00898	11.72%
Ca RADIAL†	81431.5	27.75	mg/L	0.385	27.75	mg/L	0.385	1.39%
K RADIAL†	6898.7	4.711	mg/L	0.0532	4.711	mg/L	0.0532	1.13%
Mg RADIAL†	839.8	7.197	mg/L	0.1397	7.197	mg/L	0.1397	1.94%
Na RADIAL†	855754.8	43.25	mg/L	0.302	43.25	mg/L	0.302	0.70%

Sequence No.: 28
Sample ID: 12F0104-02
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 6/5/2012 7:08:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0104-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16649883.6	4.432	mg/L	0.0271				0.61%
Y RADIAL	264786.4	4.397	mg/L	0.0111				0.25%
As 188.979†	-7.2	-0.0069	mg/L	0.00572	-0.0069	mg/L	0.00572	83.40%
Tl 190.801†	1.3	0.0011	mg/L	0.00619	0.0011	mg/L	0.00619	570.05%
Se 196.026†	3.0	0.0074	mg/L	0.01104	0.0074	mg/L	0.01104	149.01%
Zn 206.200†	1663.4	0.0517	mg/L	0.00052	0.0517	mg/L	0.00052	1.01%
Sb 206.836†	-4.5	-0.0032	mg/L	0.00435	-0.0032	mg/L	0.00435	137.55%
Pb 220.353†	24.3	0.0049	mg/L	0.00290	0.0049	mg/L	0.00290	58.85%
Cd 226.502†	37.0	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	40.47%
Co 228.616†	1.6	0.0001	mg/L	0.00040	0.0001	mg/L	0.00040	519.82%
Ni 232.003†	-0.9	0.0001	mg/L	0.00032	0.0001	mg/L	0.00032	563.90%
Ba 233.527†	6254.4	0.0666	mg/L	0.00078	0.0666	mg/L	0.00078	1.16%
Mn 257.610†	178213.9	0.2575	mg/L	0.00082	0.2575	mg/L	0.00082	0.32%
Cr 267.716†	519.2	0.0035	mg/L	0.00013	0.0035	mg/L	0.00013	3.61%
Fe 273.955†	15039.9	0.7191	mg/L	0.00091	0.7191	mg/L	0.00091	0.13%
Mg 279.077†	141668.5	7.722	mg/L	0.0282	7.722	mg/L	0.0282	0.37%
V 292.402†	585.3	0.0015	mg/L	0.00019	0.0015	mg/L	0.00019	12.98%
Al 308.215†	11614.7	0.3371	mg/L	0.00514	0.3371	mg/L	0.00514	1.52%
Be 313.107†	-749.6	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	17.02%
Cu 324.752†	6755.5	0.0190	mg/L	0.00034	0.0190	mg/L	0.00034	1.79%
Ag 338.289†	-28.6	-0.0004	mg/L	0.00051	-0.0004	mg/L	0.00051	117.93%

Na 330.237†	52150.1	36.86	mg/L	0.319	36.86	mg/L	0.319	0.87%
Ca 227.546†	8892.6	28.69	mg/L	0.249	28.69	mg/L	0.249	0.87%
Al RADIAL†	706.8	0.3751	mg/L	0.01127	0.3751	mg/L	0.01127	3.00%
Fe RADIAL†	86.5	0.7532	mg/L	0.02370	0.7532	mg/L	0.02370	3.15%
Ca RADIAL†	88603.0	30.19	mg/L	0.238	30.19	mg/L	0.238	0.79%
K RADIAL†	7594.4	5.186	mg/L	0.0087	5.186	mg/L	0.0087	0.17%
Mg RADIAL†	937.9	8.038	mg/L	0.0321	8.038	mg/L	0.0321	0.40%
Na RADIAL†	937769.2	47.39	mg/L	0.123	47.39	mg/L	0.123	0.26%

Sequence No.: 29
Sample ID: 12F0106-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 6/5/2012 7:13:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0106-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16679964.9	4.440	mg/L	0.0434				0.98%
Y RADIAL	258240.1	4.288	mg/L	0.0770				1.80%
As 188.979†	-1.5	-0.0013	mg/L	0.00288	-0.0013	mg/L	0.00288	215.29%
Tl 190.801†	-3.8	-0.0029	mg/L	0.00154	-0.0029	mg/L	0.00154	52.74%
Se 196.026†	2.3	0.0057	mg/L	0.00982	0.0057	mg/L	0.00982	171.08%
Zn 206.200†	2614.4	0.0813	mg/L	0.00032	0.0813	mg/L	0.00032	0.39%
Sb 206.836†	-6.9	-0.0049	mg/L	0.00539	-0.0049	mg/L	0.00539	110.86%
Pb 220.353†	0.5	0.0003	mg/L	0.00107	0.0003	mg/L	0.00107	344.93%
Cd 226.502†	43.4	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	62.44%
Co 228.616†	2.4	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	135.04%
Ni 232.003†	9.9	0.0007	mg/L	0.00144	0.0007	mg/L	0.00144	196.01%
Ba 233.527†	3316.4	0.0353	mg/L	0.00033	0.0353	mg/L	0.00033	0.93%
Mn 257.610†	65519.7	0.0946	mg/L	0.00028	0.0946	mg/L	0.00028	0.30%
Cr 267.716†	234.7	0.0016	mg/L	0.00009	0.0016	mg/L	0.00009	5.48%
Fe 273.955†	11254.3	0.5381	mg/L	0.00413	0.5381	mg/L	0.00413	0.77%
Mg 279.077†	104865.8	5.716	mg/L	0.0128	5.716	mg/L	0.0128	0.22%
V 292.402†	340.2	0.0008	mg/L	0.00009	0.0008	mg/L	0.00009	10.64%
Al 308.215†	2815.8	0.0815	mg/L	0.00432	0.0815	mg/L	0.00432	5.30%
Be 313.107†	-406.3	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	29.30%
Cu 324.752†	9830.3	0.0280	mg/L	0.00020	0.0280	mg/L	0.00020	0.70%
Ag 338.289†	14.2	-0.0002	mg/L	0.00082	-0.0002	mg/L	0.00082	463.59%
Na 330.237†	70955.4	50.12	mg/L	0.294	50.12	mg/L	0.294	0.59%
Ca 227.546†	7147.2	23.06	mg/L	0.152	23.06	mg/L	0.152	0.66%
Al RADIAL†	131.3	0.0697	mg/L	0.01414	0.0697	mg/L	0.01414	20.29%
Fe RADIAL†	67.4	0.5864	mg/L	0.02677	0.5864	mg/L	0.02677	4.56%
Ca RADIAL†	72956.9	24.86	mg/L	0.554	24.86	mg/L	0.554	2.23%
K RADIAL†	13069.6	8.924	mg/L	0.2555	8.924	mg/L	0.2555	2.86%
Mg RADIAL†	713.3	6.113	mg/L	0.1007	6.113	mg/L	0.1007	1.65%
Na RADIAL†	1256550.0	63.50	mg/L	0.235	63.50	mg/L	0.235	0.37%

Sequence No.: 30
Sample ID: 12F0106-02
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 26
Date Collected: 6/5/2012 7:18:05 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0106-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16812277.9	4.475	mg/L	0.0301				0.67%
Y RADIAL	263358.3	4.373	mg/L	0.0481				1.10%
As 188.979†	-10.8	-0.0105	mg/L	0.00895	-0.0105	mg/L	0.00895	85.60%
Tl 190.801†	3.3	0.0026	mg/L	0.00260	0.0026	mg/L	0.00260	98.75%
Se 196.026†	2.0	0.0049	mg/L	0.01571	0.0049	mg/L	0.01571	320.27%
Zn 206.200†	3173.3	0.0986	mg/L	0.00074	0.0986	mg/L	0.00074	0.75%
Sb 206.836†	-5.6	-0.0040	mg/L	0.00168	-0.0040	mg/L	0.00168	42.26%
Pb 220.353†	-7.6	-0.0012	mg/L	0.00175	-0.0012	mg/L	0.00175	143.93%
Cd 226.502†	43.8	0.0002	mg/L	0.00009	0.0002	mg/L	0.00009	43.84%
Co 228.616†	8.0	0.0004	mg/L	0.00047	0.0004	mg/L	0.00047	123.59%
Ni 232.003†	3.9	0.0003	mg/L	0.00064	0.0003	mg/L	0.00064	184.97%

Ba 233.527†	6689.8	0.0713 mg/L	0.00061	0.0713 mg/L	0.00061	0.86%
Mn 257.610†	113215.9	0.1636 mg/L	0.00081	0.1636 mg/L	0.00081	0.49%
Cr 267.716†	432.7	0.0029 mg/L	0.00015	0.0029 mg/L	0.00015	5.04%
Fe 273.955†	11801.4	0.5643 mg/L	0.00411	0.5643 mg/L	0.00411	0.73%
Mg 279.077†	111900.2	6.100 mg/L	0.0372	6.100 mg/L	0.0372	0.61%
V 292.402†	337.1	0.0008 mg/L	0.00024	0.0008 mg/L	0.00024	29.12%
Al 308.215†	6031.1	0.1749 mg/L	0.00323	0.1749 mg/L	0.00323	1.85%
Be 313.107†	-1063.7	-0.0002 mg/L	0.00002	-0.0002 mg/L	0.00002	11.78%
Cu 324.752†	9295.5	0.0264 mg/L	0.00012	0.0264 mg/L	0.00012	0.47%
Ag 338.289†	18.1	-0.0002 mg/L	0.00036	-0.0002 mg/L	0.00036	200.13%
Na 330.237†	60125.2	42.48 mg/L	0.198	42.48 mg/L	0.198	0.47%
Ca 227.546†	7779.1	25.10 mg/L	0.317	25.10 mg/L	0.317	1.26%
Al RADIAL†	351.8	0.1867 mg/L	0.00167	0.1867 mg/L	0.00167	0.89%
Fe RADIAL†	70.3	0.6119 mg/L	0.02328	0.6119 mg/L	0.02328	3.80%
Ca RADIAL†	78269.7	26.67 mg/L	0.331	26.67 mg/L	0.331	1.24%
K RADIAL†	12500.1	8.536 mg/L	0.0722	8.536 mg/L	0.0722	0.85%
Mg RADIAL†	756.9	6.486 mg/L	0.0795	6.486 mg/L	0.0795	1.23%
Na RADIAL†	1071655.6	54.16 mg/L	0.358	54.16 mg/L	0.358	0.66%

Sequence No.: 31
Sample ID: 12F0107-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 27
Date Collected: 6/5/2012 7:22:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0107-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	15944680.6	4.244	mg/L	0.0057				0.13%
Y RADIAL	266731.5	4.429	mg/L	0.0370				0.84%
As 188.979†	-7.9	-0.0073	mg/L	0.00465	-0.0073	mg/L	0.00465	63.95%
Tl 190.801†	3.0	0.0026	mg/L	0.00393	0.0026	mg/L	0.00393	152.96%
Se 196.026†	9.8	0.0246	mg/L	0.01147	0.0246	mg/L	0.01147	46.61%
Zn 206.200†	465.2	0.0143	mg/L	0.00277	0.0143	mg/L	0.00277	19.34%
Sb 206.836†	2.4	0.0017	mg/L	0.00421	0.0017	mg/L	0.00421	243.99%
Pb 220.353†	-13.6	-0.0023	mg/L	0.00228	-0.0023	mg/L	0.00228	98.51%
Cd 226.502†	61.9	-0.0001	mg/L	0.00017	-0.0001	mg/L	0.00017	165.68%
Co 228.616†	160.8	0.0077	mg/L	0.00010	0.0077	mg/L	0.00010	1.28%
Ni 232.003†	342.8	0.0228	mg/L	0.00048	0.0228	mg/L	0.00048	2.11%
Ba 233.527†	14913.1	0.1589	mg/L	0.00180	0.1589	mg/L	0.00180	1.13%
Mn 257.610†	1229897.6	1.777	mg/L	0.0360	1.777	mg/L	0.0360	2.03%
Cr 267.716†	194.3	0.0013	mg/L	0.00021	0.0013	mg/L	0.00021	16.27%
Fe 273.955†	61740.2	2.952	mg/L	0.0257	2.952	mg/L	0.0257	0.87%
Mg 279.077†	540841.0	29.48	mg/L	0.629	29.48	mg/L	0.629	2.13%
V 292.402†	330.3	0.0006	mg/L	0.00025	0.0006	mg/L	0.00025	41.09%
Al 308.215†	1393.2	0.0394	mg/L	0.00548	0.0394	mg/L	0.00548	13.91%
Be 313.107†	-697.8	-0.0001	mg/L	0.00001	-0.0001	mg/L	0.00001	6.67%
Cu 324.752†	1285.1	0.0024	mg/L	0.00022	0.0024	mg/L	0.00022	9.14%
Ag 338.289†	24.6	-0.0005	mg/L	0.00017	-0.0005	mg/L	0.00017	35.60%
Na 330.237†	455980.5	322.0	mg/L	7.26	322.0	mg/L	7.26	2.25%
Ca 227.546†	17411.8	56.19	mg/L	0.424	56.19	mg/L	0.424	0.75%
Al RADIAL†	-18.0	-0.0096	mg/L	0.00170	-0.0096	mg/L	0.00170	17.81%
Fe RADIAL†	346.0	3.012	mg/L	0.0734	3.012	mg/L	0.0734	2.44%
Ca RADIAL†	169130.6	57.63	mg/L	0.066	57.63	mg/L	0.066	0.11%
K RADIAL†	53453.8	36.50	mg/L	0.155	36.50	mg/L	0.155	0.42%
Mg RADIAL†	3723.8	31.91	mg/L	0.368	31.91	mg/L	0.368	1.15%
Na RADIAL†	6076976.6	307.1	mg/L	2.99	307.1	mg/L	2.99	0.97%

Sequence No.: 32
Sample ID: 12F0109-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 28
Date Collected: 6/5/2012 7:27:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0109-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16504220.0	4.393	mg/L	0.0351				0.80%

Y RADIAL	260644.6	4.328 mg/L	0.0707			1.63%
As 188.979†	-3.3	-0.0032 mg/L	0.00722	-0.0032 mg/L	0.00722	225.07%
Tl 190.801†	0.7	0.0006 mg/L	0.00214	0.0006 mg/L	0.00214	363.27%
Se 196.026†	3.7	0.0086 mg/L	0.00780	0.0086 mg/L	0.00780	90.87%
Zn 206.200†	1459.3	0.0454 mg/L	0.00023	0.0454 mg/L	0.00023	0.52%
Sb 206.836†	-6.4	-0.0045 mg/L	0.00026	-0.0045 mg/L	0.00026	5.80%
Pb 220.353†	-9.7	-0.0015 mg/L	0.00079	-0.0015 mg/L	0.00079	52.10%
Cd 226.502†	25.8	0.0002 mg/L	0.00014	0.0002 mg/L	0.00014	82.88%
Co 228.616†	4.0	0.0002 mg/L	0.00010	0.0002 mg/L	0.00010	53.76%
Ni 232.003†	-23.2	-0.0015 mg/L	0.00064	-0.0015 mg/L	0.00064	42.74%
Ba 233.527†	7800.6	0.0831 mg/L	0.00066	0.0831 mg/L	0.00066	0.79%
Mn 257.610†	14101.9	0.0202 mg/L	0.00022	0.0202 mg/L	0.00022	1.10%
Cr 267.716†	79.1	0.0005 mg/L	0.00015	0.0005 mg/L	0.00015	28.43%
Fe 273.955†	2484.4	0.1188 mg/L	0.00154	0.1188 mg/L	0.00154	1.30%
Mg 279.077†	170397.9	9.289 mg/L	0.0845	9.289 mg/L	0.0845	0.91%
V 292.402†	345.4	0.0009 mg/L	0.00016	0.0009 mg/L	0.00016	18.57%
Al 308.215†	2108.4	0.0607 mg/L	0.00326	0.0607 mg/L	0.00326	5.37%
Be 313.107†	-636.0	-0.0001 mg/L	0.00001	-0.0001 mg/L	0.00001	11.75%
Cu 324.752†	7452.6	0.0209 mg/L	0.00015	0.0209 mg/L	0.00015	0.70%
Ag 338.289†	41.6	-0.0001 mg/L	0.00053	-0.0001 mg/L	0.00053	436.80%
Na 330.237†	52448.6	37.07 mg/L	0.292	37.07 mg/L	0.292	0.79%
Ca 227.546†	9330.0	30.10 mg/L	0.308	30.10 mg/L	0.308	1.02%
Al RADIAL†	68.5	0.0363 mg/L	0.00528	0.0363 mg/L	0.00528	14.52%
Fe RADIAL†	13.8	0.1199 mg/L	0.05279	0.1199 mg/L	0.05279	44.03%
Ca RADIAL†	90867.6	30.96 mg/L	0.594	30.96 mg/L	0.594	1.92%
K RADIAL†	7573.4	5.171 mg/L	0.0736	5.171 mg/L	0.0736	1.42%
Mg RADIAL†	1145.5	9.817 mg/L	0.1874	9.817 mg/L	0.1874	1.91%
Na RADIAL†	933174.7	47.16 mg/L	0.255	47.16 mg/L	0.255	0.54%

Sequence No.: 33
Sample ID: CCV-3
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/5/2012 7:32:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-3

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17069564.5	4.544	mg/L	0.0187				0.41%
Y RADIAL	268129.3	4.453	mg/L	0.0447				1.00%
As 188.979†	242.3	0.2365	mg/L	0.00599	0.2365	mg/L	0.00599	2.53%
Tl 190.801†	321.8	0.2542	mg/L	0.00319	0.2542	mg/L	0.00319	1.26%
Se 196.026†	105.0	0.2452	mg/L	0.00469	0.2452	mg/L	0.00469	1.91%
Zn 206.200†	78222.4	2.432	mg/L	0.0507	2.432	mg/L	0.0507	2.08%
Sb 206.836†	367.0	0.2596	mg/L	0.00130	0.2596	mg/L	0.00130	0.50%
Pb 220.353†	1291.9	0.2472	mg/L	0.00216	0.2472	mg/L	0.00216	0.87%
Cd 226.502†	16090.2	0.1173	mg/L	0.00259	0.1173	mg/L	0.00259	2.21%
Co 228.616†	52673.4	2.508	mg/L	0.0475	2.508	mg/L	0.0475	1.90%
Ni 232.003†	37713.7	2.453	mg/L	0.0473	2.453	mg/L	0.0473	1.93%
Ba 233.527†	947268.4	10.09	mg/L	0.222	10.09	mg/L	0.222	2.20%
Mn 257.610†	1697381.9	2.453	mg/L	0.0485	2.453	mg/L	0.0485	1.98%
Cr 267.716†	147591.5	0.9874	mg/L	0.02069	0.9874	mg/L	0.02069	2.10%
Fe 273.955†	101511.5	4.854	mg/L	0.0951	4.854	mg/L	0.0951	1.96%
Mg 279.077†	435822.9	23.76	mg/L	0.505	23.76	mg/L	0.505	2.13%
V 292.402†	943357.8	2.437	mg/L	0.0467	2.437	mg/L	0.0467	1.92%
Al 308.215†	328833.0	9.556	mg/L	0.2058	9.556	mg/L	0.2058	2.15%
Be 313.107†	1372789.6	0.2474	mg/L	0.00446	0.2474	mg/L	0.00446	1.80%
Cu 324.752†	420046.6	1.218	mg/L	0.0267	1.218	mg/L	0.0267	2.19%
Ag 338.289†	255384.4	1.195	mg/L	0.0241	1.195	mg/L	0.0241	2.02%
Na 330.237†	33632.7	23.81	mg/L	0.446	23.81	mg/L	0.446	1.87%
Ca 227.546†	7487.0	24.18	mg/L	0.546	24.18	mg/L	0.546	2.26%
Al RADIAL†	21914.8	11.63	mg/L	0.193	11.63	mg/L	0.193	1.66%
Fe RADIAL†	576.3	5.017	mg/L	0.0716	5.017	mg/L	0.0716	1.43%
Ca RADIAL†	73933.4	25.19	mg/L	0.359	25.19	mg/L	0.359	1.42%
K RADIAL†	7757.2	5.297	mg/L	0.1012	5.297	mg/L	0.1012	1.91%
Mg RADIAL†	3081.4	26.41	mg/L	0.315	26.41	mg/L	0.315	1.19%
Na RADIAL†	551326.0	27.86	mg/L	0.085	27.86	mg/L	0.085	0.31%

Sequence No.: 34

Autosampler Location: 4

Sample ID: CCB-3
Analyst: AC
Initial Sample Wt:
Dilution:

Date Collected: 6/5/2012 7:40:46 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-3

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17647058.5	4.698	mg/L	0.0453				0.96%
Y RADIAL	272379.2	4.523	mg/L	0.0310				0.69%
As 188.979†	-4.0	-0.0039	mg/L	0.00630	-0.0039	mg/L	0.00630	160.25%
Tl 190.801†	4.7	0.0037	mg/L	0.00176	0.0037	mg/L	0.00176	47.33%
Se 196.026†	1.8	0.0041	mg/L	0.00778	0.0041	mg/L	0.00778	188.66%
Zn 206.200†	7.7	0.0002	mg/L	0.00016	0.0002	mg/L	0.00016	67.22%
Sb 206.836†	3.2	0.0023	mg/L	0.00413	0.0023	mg/L	0.00413	181.69%
Pb 220.353†	-10.1	-0.0019	mg/L	0.00105	-0.0019	mg/L	0.00105	54.52%
Cd 226.502†	-2.9	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	334.16%
Co 228.616†	-0.2	0.0000	mg/L	0.00021	0.0000	mg/L	0.00021	>999.9%
Ni 232.003†	-7.4	-0.0005	mg/L	0.00043	-0.0005	mg/L	0.00043	89.05%
Ba 233.527†	1.3	0.0000	mg/L	0.00012	0.0000	mg/L	0.00012	884.67%
Mn 257.610†	-32.3	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	18.38%
Cr 267.716†	15.7	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	29.78%
Fe 273.955†	7.1	0.0003	mg/L	0.00003	0.0003	mg/L	0.00003	10.23%
Mg 279.077†	-0.5	0.0000	mg/L	0.00056	0.0000	mg/L	0.00056	>999.9%
V 292.402†	-6.1	0.0000	mg/L	0.00026	0.0000	mg/L	0.00026	>999.9%
Al 308.215†	338.1	0.0098	mg/L	0.00357	0.0098	mg/L	0.00357	36.32%
Be 313.107†	39.4	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	544.76%
Cu 324.752†	45.3	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	112.27%
Ag 338.289†	-7.1	0.0000	mg/L	0.00028	0.0000	mg/L	0.00028	858.42%
Na 330.237†	-59.5	-0.0421	mg/L	0.01960	-0.0421	mg/L	0.01960	46.52%
Ca 227.546†	-23.4	-0.0756	mg/L	0.04474	-0.0756	mg/L	0.04474	59.19%
Al RADIAL†	-0.5	-0.0002	mg/L	0.00665	-0.0002	mg/L	0.00665	>999.9%
Fe RADIAL†	-1.4	-0.0125	mg/L	0.01961	-0.0125	mg/L	0.01961	156.79%
Ca RADIAL†	9.4	0.0032	mg/L	0.00249	0.0032	mg/L	0.00249	77.51%
K RADIAL†	39.7	0.0271	mg/L	0.01310	0.0271	mg/L	0.01310	48.26%
Mg RADIAL†	0.4	0.0032	mg/L	0.01246	0.0032	mg/L	0.01246	394.81%
Na RADIAL†	-3001.0	-0.1517	mg/L	0.01221	-0.1517	mg/L	0.01221	8.05%

Sequence No.: 35
Sample ID: 12F0109-02
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 29
Date Collected: 6/5/2012 7:45:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0109-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16779117.3	4.467	mg/L	0.0267				0.60%
Y RADIAL	262199.3	4.354	mg/L	0.0584				1.34%
As 188.979†	-9.5	-0.0092	mg/L	0.00509	-0.0092	mg/L	0.00509	55.22%
Tl 190.801†	7.0	0.0055	mg/L	0.00224	0.0055	mg/L	0.00224	40.43%
Se 196.026†	1.9	0.0045	mg/L	0.01501	0.0045	mg/L	0.01501	336.87%
Zn 206.200†	1482.9	0.0461	mg/L	0.00092	0.0461	mg/L	0.00092	1.99%
Sb 206.836†	-2.5	-0.0018	mg/L	0.00522	-0.0018	mg/L	0.00522	297.76%
Pb 220.353†	-4.3	-0.0005	mg/L	0.00236	-0.0005	mg/L	0.00236	493.48%
Cd 226.502†	23.2	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	23.55%
Co 228.616†	-1.9	-0.0001	mg/L	0.00019	-0.0001	mg/L	0.00019	209.95%
Ni 232.003†	-4.9	-0.0003	mg/L	0.00031	-0.0003	mg/L	0.00031	114.21%
Ba 233.527†	9727.4	0.1036	mg/L	0.00195	0.1036	mg/L	0.00195	1.89%
Mn 257.610†	43561.9	0.0628	mg/L	0.00095	0.0628	mg/L	0.00095	1.52%
Cr 267.716†	78.6	0.0005	mg/L	0.00009	0.0005	mg/L	0.00009	18.02%
Fe 273.955†	5213.2	0.2493	mg/L	0.00370	0.2493	mg/L	0.00370	1.48%
Mg 279.077†	175156.3	9.548	mg/L	0.1653	9.548	mg/L	0.1653	1.73%
V 292.402†	453.4	0.0012	mg/L	0.00017	0.0012	mg/L	0.00017	15.05%
Al 308.215†	4272.4	0.1236	mg/L	0.00385	0.1236	mg/L	0.00385	3.12%
Be 313.107†	-1215.2	-0.0002	mg/L	0.00002	-0.0002	mg/L	0.00002	8.52%
Cu 324.752†	6867.0	0.0192	mg/L	0.00011	0.0192	mg/L	0.00011	0.55%
Ag 338.289†	86.3	0.0001	mg/L	0.00046	0.0001	mg/L	0.00046	572.39%
Na 330.237†	54193.0	38.30	mg/L	0.633	38.30	mg/L	0.633	1.65%

Ca 227.546†	9488.4	30.61	mg/L	0.553	30.61	mg/L	0.553	1.81%
Al RADIAL†	224.8	0.1193	mg/L	0.00653	0.1193	mg/L	0.00653	5.48%
Fe RADIAL†	26.8	0.2333	mg/L	0.00590	0.2333	mg/L	0.00590	2.53%
Ca RADIAL†	94502.1	32.20	mg/L	0.559	32.20	mg/L	0.559	1.73%
K RADIAL†	8289.7	5.661	mg/L	0.0948	5.661	mg/L	0.0948	1.67%
Mg RADIAL†	1192.2	10.22	mg/L	0.152	10.22	mg/L	0.152	1.49%
Na RADIAL†	970781.6	49.06	mg/L	0.191	49.06	mg/L	0.191	0.39%

Sequence No.: 36 **Autosampler Location: 30**
Sample ID: BF20113-BLK1 **Date Collected: 6/5/2012 7:50:13 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20113-BLK1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17295232.8	4.604	mg/L	0.0289				0.63%
Y RADIAL	271474.0	4.508	mg/L	0.0477				1.06%
As 188.979†	-6.5	-0.0063	mg/L	0.00356	-0.0063	mg/L	0.00356	56.06%
Tl 190.801†	6.9	0.0054	mg/L	0.00182	0.0054	mg/L	0.00182	33.59%
Se 196.026†	2.3	0.0053	mg/L	0.00793	0.0053	mg/L	0.00793	148.87%
Zn 206.200†	1.6	0.0000	mg/L	0.00014	0.0000	mg/L	0.00014	298.43%
Sb 206.836†	-1.9	-0.0013	mg/L	0.00243	-0.0013	mg/L	0.00243	183.95%
Pb 220.353†	-22.9	-0.0044	mg/L	0.00199	-0.0044	mg/L	0.00199	45.55%
Cd 226.502†	-19.3	-0.0001	mg/L	0.00018	-0.0001	mg/L	0.00018	129.88%
Co 228.616†	-6.6	-0.0003	mg/L	0.00015	-0.0003	mg/L	0.00015	47.78%
Ni 232.003†	-21.5	-0.0014	mg/L	0.00070	-0.0014	mg/L	0.00070	50.14%
Ba 233.527†	3.7	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	36.12%
Mn 257.610†	-24.4	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	144.39%
Cr 267.716†	12.4	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	44.28%
Fe 273.955†	-2.9	-0.0001	mg/L	0.00055	-0.0001	mg/L	0.00055	392.29%
Mg 279.077†	15.9	0.0009	mg/L	0.00132	0.0009	mg/L	0.00132	152.64%
V 292.402†	-7.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	109.22%
Al 308.215†	397.0	0.0115	mg/L	0.00160	0.0115	mg/L	0.00160	13.89%
Be 313.107†	37.2	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	198.91%
Cu 324.752†	69.2	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	27.58%
Ag 338.289†	38.3	0.0002	mg/L	0.00031	0.0002	mg/L	0.00031	169.70%
Na 330.237†	-95.2	-0.0673	mg/L	0.05289	-0.0673	mg/L	0.05289	78.61%
Ca 227.546†	-18.5	-0.0596	mg/L	0.00797	-0.0596	mg/L	0.00797	13.36%
Al RADIAL†	7.3	0.0039	mg/L	0.00980	0.0039	mg/L	0.00980	252.71%
Fe RADIAL†	-2.9	-0.0256	mg/L	0.03193	-0.0256	mg/L	0.03193	124.80%
Ca RADIAL†	19.0	0.0065	mg/L	0.00306	0.0065	mg/L	0.00306	47.36%
K RADIAL†	-35.4	-0.0242	mg/L	0.06224	-0.0242	mg/L	0.06224	257.71%
Mg RADIAL†	3.2	0.0272	mg/L	0.02052	0.0272	mg/L	0.02052	75.41%
Na RADIAL†	-3031.1	-0.1532	mg/L	0.01513	-0.1532	mg/L	0.01513	9.88%

Sequence No.: 37 **Autosampler Location: 31**
Sample ID: BF20113-SRM1 **Date Collected: 6/5/2012 7:54:54 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20113-SRM1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16393069.7	4.364	mg/L	0.0542				1.24%
Y RADIAL	260366.5	4.324	mg/L	0.0466				1.08%
As 188.979†	912.3	0.9037	mg/L	0.00527	0.9037	mg/L	0.00527	0.58%
Tl 190.801†	1484.6	1.180	mg/L	0.0052	1.180	mg/L	0.0052	0.44%
Se 196.026†	340.0	0.8598	mg/L	0.02588	0.8598	mg/L	0.02588	3.01%
Zn 206.200†	40478.2	1.252	mg/L	0.0131	1.252	mg/L	0.0131	1.05%
Sb 206.836†	1829.5	1.294	mg/L	0.0121	1.294	mg/L	0.0121	0.94%
Pb 220.353†	4498.4	0.8515	mg/L	0.00632	0.8515	mg/L	0.00632	0.74%
Cd 226.502†	75964.3	0.5377	mg/L	0.00619	0.5377	mg/L	0.00619	1.15%
Co 228.616†	21214.3	1.010	mg/L	0.0115	1.010	mg/L	0.0115	1.14%
Ni 232.003†	9086.8	0.6086	mg/L	0.00952	0.6086	mg/L	0.00952	1.56%
Ba 233.527†	153509.3	1.635	mg/L	0.0185	1.635	mg/L	0.0185	1.13%

Mn 257.610†	1858797.8	2.692	mg/L	0.0327	2.692	mg/L	0.0327	1.22%
Cr 267.716†	96695.5	0.6469	mg/L	0.00758	0.6469	mg/L	0.00758	1.17%
Fe 273.955†	2277912.9	108.9	mg/L	1.26	108.9	mg/L	1.26	1.16%
Mg 279.077†	417535.9	22.77	mg/L	0.254	22.77	mg/L	0.254	1.12%
V 292.402†	209739.7	0.5331	mg/L	0.00642	0.5331	mg/L	0.00642	1.21%
Al 308.215†	2240915.8	65.13	mg/L	0.786	65.13	mg/L	0.786	1.21%
Be 313.107†	3178401.3	0.5727	mg/L	0.00753	0.5727	mg/L	0.00753	1.31%
Cu 324.752†	280475.7	0.8168	mg/L	0.00943	0.8168	mg/L	0.00943	1.15%
Ag 338.289†	69844.5	0.3262	mg/L	0.00408	0.3262	mg/L	0.00408	1.25%
Na 330.237†	1934.7	1.999	mg/L	0.0703	1.999	mg/L	0.0703	3.52%
Ca 227.546†	17788.8	57.94	mg/L	0.822	57.94	mg/L	0.822	1.42%
Al RADIAL†	143819.2	76.32	mg/L	0.932	76.32	mg/L	0.932	1.22%
Fe RADIAL†	13710.2	119.3	mg/L	1.45	119.3	mg/L	1.45	1.21%
Ca RADIAL†	168368.4	57.37	mg/L	0.115	57.37	mg/L	0.115	0.20%
K RADIAL†	34433.9	23.51	mg/L	0.255	23.51	mg/L	0.255	1.08%
Mg RADIAL†	2831.7	24.27	mg/L	0.301	24.27	mg/L	0.301	1.24%
Na RADIAL†	75734.7	3.827	mg/L	0.0322	3.827	mg/L	0.0322	0.84%

Sequence No.: 38
Sample ID: 12F0117-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 6/5/2012 8:03:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0117-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16993355.4	4.524	mg/L	0.0159				0.35%
Y RADIAL	284504.3	4.725	mg/L	0.0385				0.81%
As 188.979†	65.6	0.0767	mg/L	0.00258	0.0767	mg/L	0.00258	3.36%
Tl 190.801†	-19.4	-0.0079	mg/L	0.00463	-0.0079	mg/L	0.00463	58.48%
Se 196.026†	-22.4	0.0101	mg/L	0.00348	0.0101	mg/L	0.00348	34.27%
Zn 206.200†	46365.3	1.437	mg/L	0.0057	1.437	mg/L	0.0057	0.39%
Sb 206.836†	22.9	0.0156	mg/L	0.00437	0.0156	mg/L	0.00437	27.91%
Pb 220.353†	21897.9	4.174	mg/L	0.0219	4.174	mg/L	0.0219	0.52%
Cd 226.502†	1898.0	-0.0026	mg/L	0.00016	-0.0026	mg/L	0.00016	6.03%
Co 228.616†	1030.5	0.0491	mg/L	0.00030	0.0491	mg/L	0.00030	0.61%
Ni 232.003†	2539.1	0.1794	mg/L	0.00162	0.1794	mg/L	0.00162	0.90%
Ba 233.527†	160732.3	1.712	mg/L	0.0025	1.712	mg/L	0.0025	0.15%
Mn 257.610†	1126734.5	1.633	mg/L	0.0091	1.633	mg/L	0.0091	0.56%
Cr 267.716†	13794.8	0.0923	mg/L	0.00064	0.0923	mg/L	0.00064	0.69%
Fe 273.955†	1837309.0	87.85	mg/L	0.477	87.85	mg/L	0.477	0.54%
Mg 279.077†	289058.2	15.76	mg/L	0.029	15.76	mg/L	0.029	0.18%
V 292.402†	51234.0	0.1253	mg/L	0.00055	0.1253	mg/L	0.00055	0.44%
Al 308.215†	1218031.2	35.40	mg/L	0.222	35.40	mg/L	0.222	0.63%
Be 313.107†	-21584.0	-0.0039	mg/L	0.00008	-0.0039	mg/L	0.00008	2.11%
Cu 324.752†	161127.0	0.4687	mg/L	0.00214	0.4687	mg/L	0.00214	0.46%
Ag 338.289†	-1722.8	-0.0094	mg/L	0.00031	-0.0094	mg/L	0.00031	3.37%
Na 330.237†	1438.3	1.652	mg/L	0.0200	1.652	mg/L	0.0200	1.21%
Ca 227.546†	38013.9	123.1	mg/L	0.57	123.1	mg/L	0.57	0.47%
Al RADIAL†	76031.9	40.35	mg/L	0.187	40.35	mg/L	0.187	0.46%
Fe RADIAL†	10784.2	93.88	mg/L	0.885	93.88	mg/L	0.885	0.94%
Ca RADIAL†	362886.5	123.6	mg/L	0.21	123.6	mg/L	0.21	0.17%
K RADIAL†	12458.8	8.507	mg/L	0.0690	8.507	mg/L	0.0690	0.81%
Mg RADIAL†	1872.6	16.05	mg/L	0.158	16.05	mg/L	0.158	0.99%
Na RADIAL†	53890.0	2.723	mg/L	0.0273	2.723	mg/L	0.0273	1.00%

Sequence No.: 39
Sample ID: 12F0125-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 6/5/2012 8:07:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0125-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16924226.9	4.505	mg/L	0.0263				0.58%
Y RADIAL	276618.7	4.594	mg/L	0.0322				0.70%

As 188.979†	7.3	0.0271 mg/L	0.00598	0.0271 mg/L	0.00598	22.07%
Tl 190.801†	-51.9	-0.0291 mg/L	0.00274	-0.0291 mg/L	0.00274	9.42%
Se 196.026†	-39.9	0.0037 mg/L	0.00391	0.0037 mg/L	0.00391	104.42%
Zn 206.200†	17367.5	0.5319 mg/L	0.00637	0.5319 mg/L	0.00637	1.20%
Sb 206.836†	-0.6	-0.0017 mg/L	0.00348	-0.0017 mg/L	0.00348	204.31%
Pb 220.353†	678.7	0.1201 mg/L	0.00242	0.1201 mg/L	0.00242	2.02%
Cd 226.502†	2490.7	-0.0074 mg/L	0.00008	-0.0074 mg/L	0.00008	1.09%
Co 228.616†	1630.6	0.0776 mg/L	0.00026	0.0776 mg/L	0.00026	0.34%
Ni 232.003†	4884.9	0.3398 mg/L	0.00256	0.3398 mg/L	0.00256	0.75%
Ba 233.527†	32784.2	0.3492 mg/L	0.00350	0.3492 mg/L	0.00350	1.00%
Mn 257.610†	2551344.6	3.695 mg/L	0.0182	3.695 mg/L	0.0182	0.49%
Cr 267.716†	20747.6	0.1388 mg/L	0.00099	0.1388 mg/L	0.00099	0.71%
Fe 273.955†	2846485.5	136.1 mg/L	0.84	136.1 mg/L	0.84	0.61%
Mg 279.077†	718500.2	39.18 mg/L	0.254	39.18 mg/L	0.254	0.65%
V 292.402†	89798.4	0.2210 mg/L	0.00129	0.2210 mg/L	0.00129	0.58%
Al 308.215†	2935287.3	85.32 mg/L	0.693	85.32 mg/L	0.693	0.81%
Be 313.107†	-51092.7	-0.0092 mg/L	0.00029	-0.0092 mg/L	0.00029	3.14%
Cu 324.752†	63195.8	0.1880 mg/L	0.00157	0.1880 mg/L	0.00157	0.83%
Ag 338.289†	-5010.9	-0.0237 mg/L	0.00063	-0.0237 mg/L	0.00063	2.67%
Na 330.237†	-2951.9	-1.375 mg/L	0.0192	-1.375 mg/L	0.0192	1.40%
Ca 227.546†	6709.8	22.34 mg/L	0.259	22.34 mg/L	0.259	1.16%
Al RADIAL†	180529.6	95.81 mg/L	0.369	95.81 mg/L	0.369	0.38%
Fe RADIAL†	16584.0	144.4 mg/L	3.62	144.4 mg/L	3.62	2.51%
Ca RADIAL†	64839.5	22.09 mg/L	0.576	22.09 mg/L	0.576	2.61%
K RADIAL†	17371.7	11.86 mg/L	0.297	11.86 mg/L	0.297	2.50%
Mg RADIAL†	4746.1	40.67 mg/L	0.919	40.67 mg/L	0.919	2.26%
Na RADIAL†	33684.8	1.702 mg/L	0.0127	1.702 mg/L	0.0127	0.74%

Sequence No.: 40
Sample ID: 12F0125-02
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 6/5/2012 8:12:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0125-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Y 371.029	17750655.1	4.725	mg/L	0.0489				1.03%
Y RADIAL	286663.0	4.760	mg/L	0.0341				0.72%
As 188.979†	-2.3	0.0131	mg/L	0.00999	0.0131	mg/L	0.00999	76.28%
Tl 190.801†	-35.2	-0.0191	mg/L	0.00247	-0.0191	mg/L	0.00247	12.96%
Se 196.026†	-27.7	0.0098	mg/L	0.02557	0.0098	mg/L	0.02557	261.80%
Zn 206.200†	8765.8	0.2670	mg/L	0.00576	0.2670	mg/L	0.00576	2.16%
Sb 206.836†	-9.9	-0.0074	mg/L	0.00357	-0.0074	mg/L	0.00357	48.06%
Pb 220.353†	465.9	0.0783	mg/L	0.00088	0.0783	mg/L	0.00088	1.13%
Cd 226.502†	2041.0	-0.0047	mg/L	0.00025	-0.0047	mg/L	0.00025	5.29%
Co 228.616†	1244.1	0.0592	mg/L	0.00076	0.0592	mg/L	0.00076	1.29%
Ni 232.003†	4643.0	0.3190	mg/L	0.00807	0.3190	mg/L	0.00807	2.53%
Ba 233.527†	39740.4	0.4233	mg/L	0.00582	0.4233	mg/L	0.00582	1.37%
Mn 257.610†	2477899.6	3.587	mg/L	0.0459	3.587	mg/L	0.0459	1.28%
Cr 267.716†	16178.8	0.1082	mg/L	0.00207	0.1082	mg/L	0.00207	1.91%
Fe 273.955†	2185939.3	104.5	mg/L	1.25	104.5	mg/L	1.25	1.20%
Mg 279.077†	511218.2	27.87	mg/L	0.320	27.87	mg/L	0.320	1.15%
V 292.402†	87117.3	0.2166	mg/L	0.00465	0.2166	mg/L	0.00465	2.15%
Al 308.215†	1035960.4	30.12	mg/L	0.374	30.12	mg/L	0.374	1.24%
Be 313.107†	-41514.6	-0.0075	mg/L	0.00030	-0.0075	mg/L	0.00030	3.97%
Cu 324.752†	42059.6	0.1261	mg/L	0.00177	0.1261	mg/L	0.00177	1.40%
Ag 338.289†	-3434.2	-0.0162	mg/L	0.00038	-0.0162	mg/L	0.00038	2.36%
Na 330.237†	-863.5	-0.0743	mg/L	0.05362	-0.0743	mg/L	0.05362	72.16%
Ca 227.546†	3858.1	12.96	mg/L	0.074	12.96	mg/L	0.074	0.57%
Al RADIAL†	64505.5	34.23	mg/L	0.396	34.23	mg/L	0.396	1.16%
Fe RADIAL†	12850.8	111.9	mg/L	0.68	111.9	mg/L	0.68	0.61%
Ca RADIAL†	37614.6	12.82	mg/L	0.066	12.82	mg/L	0.066	0.51%
K RADIAL†	10925.8	7.461	mg/L	0.0222	7.461	mg/L	0.0222	0.30%
Mg RADIAL†	3408.4	29.21	mg/L	0.214	29.21	mg/L	0.214	0.73%
Na RADIAL†	52921.9	2.674	mg/L	0.0184	2.674	mg/L	0.0184	0.69%

Sequence No.: 41
Sample ID: 12F0125-03

Autosampler Location: 35
Date Collected: 6/5/2012 8:17:05 PM

Analyst: AC
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0125-03

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17355999.3	4.620	mg/L	0.0434				0.94%
Y RADIAL	290019.4	4.816	mg/L	0.0331				0.69%
As 188.979†	14.2	0.0326	mg/L	0.00763	0.0326	mg/L	0.00763	23.43%
Tl 190.801†	-30.4	-0.0132	mg/L	0.00256	-0.0132	mg/L	0.00256	19.39%
Se 196.026†	-30.7	0.0186	mg/L	0.01503	0.0186	mg/L	0.01503	80.74%
Zn 206.200†	7717.3	0.2328	mg/L	0.00167	0.2328	mg/L	0.00167	0.72%
Sb 206.836†	-7.1	-0.0059	mg/L	0.00674	-0.0059	mg/L	0.00674	114.70%
Pb 220.353†	498.6	0.0847	mg/L	0.00154	0.0847	mg/L	0.00154	1.82%
Cd 226.502†	2177.0	-0.0080	mg/L	0.00013	-0.0080	mg/L	0.00013	1.63%
Co 228.616†	1087.8	0.0518	mg/L	0.00060	0.0518	mg/L	0.00060	1.16%
Ni 232.003†	1702.0	0.1314	mg/L	0.00330	0.1314	mg/L	0.00330	2.51%
Ba 233.527†	16408.4	0.1748	mg/L	0.00180	0.1748	mg/L	0.00180	1.03%
Mn 257.610†	798423.7	1.161	mg/L	0.0136	1.161	mg/L	0.0136	1.17%
Cr 267.716†	13491.7	0.0903	mg/L	0.00103	0.0903	mg/L	0.00103	1.14%
Fe 273.955†	2660519.5	127.2	mg/L	1.46	127.2	mg/L	1.46	1.15%
Mg 279.077†	364528.9	19.88	mg/L	0.233	19.88	mg/L	0.233	1.17%
V 292.402†	61069.9	0.1475	mg/L	0.00167	0.1475	mg/L	0.00167	1.13%
Al 308.215†	1974931.9	57.41	mg/L	0.679	57.41	mg/L	0.679	1.18%
Be 313.107†	-24722.6	-0.0045	mg/L	0.00010	-0.0045	mg/L	0.00010	2.29%
Cu 324.752†	29943.8	0.0909	mg/L	0.00100	0.0909	mg/L	0.00100	1.10%
Ag 338.289†	-2744.2	-0.0135	mg/L	0.00030	-0.0135	mg/L	0.00030	2.24%
Na 330.237†	-1860.7	-0.5820	mg/L	0.02652	-0.5820	mg/L	0.02652	4.56%
Ca 227.546†	19598.6	63.86	mg/L	0.745	63.86	mg/L	0.745	1.17%
Al RADIAL†	119009.6	63.16	mg/L	0.379	63.16	mg/L	0.379	0.60%
Fe RADIAL†	15549.5	135.4	mg/L	0.86	135.4	mg/L	0.86	0.63%
Ca RADIAL†	188364.4	64.18	mg/L	0.142	64.18	mg/L	0.142	0.22%
K RADIAL†	9947.8	6.793	mg/L	0.0382	6.793	mg/L	0.0382	0.56%
Mg RADIAL†	2313.3	19.82	mg/L	0.200	19.82	mg/L	0.200	1.01%
Na RADIAL†	33189.6	1.677	mg/L	0.0039	1.677	mg/L	0.0039	0.23%

Sequence No.: 42
Sample ID: 12F0125-04
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 36
Date Collected: 6/5/2012 8:21:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0125-04

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17663718.6	4.702	mg/L	0.0395				0.84%
Y RADIAL	293346.3	4.871	mg/L	0.0332				0.68%
As 188.979†	1.1	0.0124	mg/L	0.00703	0.0124	mg/L	0.00703	56.71%
Tl 190.801†	-22.8	-0.0114	mg/L	0.00270	-0.0114	mg/L	0.00270	23.59%
Se 196.026†	-18.7	0.0110	mg/L	0.01201	0.0110	mg/L	0.01201	109.08%
Zn 206.200†	7891.4	0.2409	mg/L	0.00160	0.2409	mg/L	0.00160	0.66%
Sb 206.836†	-5.4	-0.0044	mg/L	0.00322	-0.0044	mg/L	0.00322	73.23%
Pb 220.353†	214.5	0.0348	mg/L	0.00186	0.0348	mg/L	0.00186	5.34%
Cd 226.502†	1326.4	-0.0048	mg/L	0.00043	-0.0048	mg/L	0.00043	9.07%
Co 228.616†	922.4	0.0439	mg/L	0.00029	0.0439	mg/L	0.00029	0.66%
Ni 232.003†	6913.1	0.4620	mg/L	0.00951	0.4620	mg/L	0.00951	2.06%
Ba 233.527†	23380.4	0.2490	mg/L	0.00534	0.2490	mg/L	0.00534	2.14%
Mn 257.610†	1452024.1	2.103	mg/L	0.0331	2.103	mg/L	0.0331	1.57%
Cr 267.716†	10701.4	0.0716	mg/L	0.00133	0.0716	mg/L	0.00133	1.85%
Fe 273.955†	1608363.2	76.90	mg/L	1.158	76.90	mg/L	1.158	1.51%
Mg 279.077†	443211.2	24.17	mg/L	0.373	24.17	mg/L	0.373	1.54%
V 292.402†	49881.5	0.1227	mg/L	0.00264	0.1227	mg/L	0.00264	2.15%
Al 308.215†	1376041.6	40.00	mg/L	0.658	40.00	mg/L	0.658	1.64%
Be 313.107†	-30531.5	-0.0055	mg/L	0.00012	-0.0055	mg/L	0.00012	2.24%
Cu 324.752†	37480.2	0.1115	mg/L	0.00257	0.1115	mg/L	0.00257	2.30%
Ag 338.289†	-2859.0	-0.0135	mg/L	0.00046	-0.0135	mg/L	0.00046	3.43%
Na 330.237†	-64.8	0.3471	mg/L	0.05790	0.3471	mg/L	0.05790	16.68%
Ca 227.546†	2459.1	8.318	mg/L	0.1049	8.318	mg/L	0.1049	1.26%

Al RADIAL†	80853.1	42.91 mg/L	0.136	42.91 mg/L	0.136	0.32%
Fe RADIAL†	9203.9	80.12 mg/L	0.978	80.12 mg/L	0.978	1.22%
Ca RADIAL†	23880.2	8.136 mg/L	0.1235	8.136 mg/L	0.1235	1.52%
K RADIAL†	10859.4	7.415 mg/L	0.0875	7.415 mg/L	0.0875	1.18%
Mg RADIAL†	2841.3	24.35 mg/L	0.395	24.35 mg/L	0.395	1.62%
Na RADIAL†	48722.5	2.462 mg/L	0.0091	2.462 mg/L	0.0091	0.37%

Sequence No.: 43
Sample ID: BF20113-DUP1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 6/5/2012 8:26:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20113-DUP1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17577306.9	4.679	mg/L	0.0080				0.17%
Y RADIAL	293220.8	4.869	mg/L	0.0600				1.23%
As 188.979†	-6.4	0.0048	mg/L	0.00033	0.0048	mg/L	0.00033	6.90%
Tl 190.801†	-28.4	-0.0160	mg/L	0.00223	-0.0160	mg/L	0.00223	13.95%
Se 196.026†	-24.4	-0.0034	mg/L	0.00891	-0.0034	mg/L	0.00891	261.91%
Zn 206.200†	7846.9	0.2396	mg/L	0.00119	0.2396	mg/L	0.00119	0.49%
Sb 206.836†	-5.2	-0.0043	mg/L	0.00502	-0.0043	mg/L	0.00502	116.87%
Pb 220.353†	224.0	0.0368	mg/L	0.00276	0.0368	mg/L	0.00276	7.52%
Cd 226.502†	1317.8	-0.0045	mg/L	0.00040	-0.0045	mg/L	0.00040	9.00%
Co 228.616†	915.7	0.0436	mg/L	0.00097	0.0436	mg/L	0.00097	2.23%
Ni 232.003†	6839.7	0.4570	mg/L	0.00378	0.4570	mg/L	0.00378	0.83%
Ba 233.527†	23074.3	0.2458	mg/L	0.00095	0.2458	mg/L	0.00095	0.39%
Mn 257.610†	1418753.8	2.054	mg/L	0.0335	2.054	mg/L	0.0335	1.63%
Cr 267.716†	10551.6	0.0706	mg/L	0.00040	0.0706	mg/L	0.00040	0.57%
Fe 273.955†	1570848.7	75.11	mg/L	1.118	75.11	mg/L	1.118	1.49%
Mg 279.077†	432412.3	23.58	mg/L	0.348	23.58	mg/L	0.348	1.47%
V 292.402†	49091.7	0.1208	mg/L	0.00037	0.1208	mg/L	0.00037	0.31%
Al 308.215†	1349087.1	39.21	mg/L	0.654	39.21	mg/L	0.654	1.67%
Be 313.107†	-30497.0	-0.0055	mg/L	0.00009	-0.0055	mg/L	0.00009	1.59%
Cu 324.752†	37106.4	0.1104	mg/L	0.00073	0.1104	mg/L	0.00073	0.66%
Ag 338.289†	-2691.4	-0.0127	mg/L	0.00064	-0.0127	mg/L	0.00064	5.08%
Na 330.237†	-91.5	0.3195	mg/L	0.03268	0.3195	mg/L	0.03268	10.23%
Ca 227.546†	2450.3	8.281	mg/L	0.0898	8.281	mg/L	0.0898	1.08%
Al RADIAL†	77766.7	41.27	mg/L	0.308	41.27	mg/L	0.308	0.75%
Fe RADIAL†	9048.0	78.76	mg/L	1.463	78.76	mg/L	1.463	1.86%
Ca RADIAL†	23458.5	7.993	mg/L	0.1463	7.993	mg/L	0.1463	1.83%
K RADIAL†	10608.7	7.244	mg/L	0.1109	7.244	mg/L	0.1109	1.53%
Mg RADIAL†	2808.1	24.07	mg/L	0.306	24.07	mg/L	0.306	1.27%
Na RADIAL†	47723.3	2.412	mg/L	0.0135	2.412	mg/L	0.0135	0.56%

Sequence No.: 44
Sample ID: BF20113-MS1
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 38
Date Collected: 6/5/2012 8:31:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20113-MS1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17433812.8	4.641	mg/L	0.0247				0.53%
Y RADIAL	285735.8	4.745	mg/L	0.0363				0.77%
As 188.979†	2070.4	2.026	mg/L	0.0099	2.026	mg/L	0.0099	0.49%
Tl 190.801†	2661.6	2.105	mg/L	0.0091	2.105	mg/L	0.0091	0.43%
Se 196.026†	872.6	2.064	mg/L	0.0275	2.064	mg/L	0.0275	1.33%
Zn 206.200†	23523.2	0.7270	mg/L	0.00440	0.7270	mg/L	0.00440	0.61%
Sb 206.836†	352.2	0.2485	mg/L	0.00127	0.2485	mg/L	0.00127	0.51%
Pb 220.353†	2910.8	0.5498	mg/L	0.00571	0.5498	mg/L	0.00571	1.04%
Cd 226.502†	7960.0	0.0440	mg/L	0.00019	0.0440	mg/L	0.00019	0.43%
Co 228.616†	12258.2	0.5836	mg/L	0.00443	0.5836	mg/L	0.00443	0.76%
Ni 232.003†	14914.0	0.9822	mg/L	0.01103	0.9822	mg/L	0.01103	1.12%
Ba 233.527†	227515.1	2.423	mg/L	0.0162	2.423	mg/L	0.0162	0.67%
Mn 257.610†	1793735.2	2.597	mg/L	0.0122	2.597	mg/L	0.0122	0.47%

Cr 267.716†	40459.3	0.2707 mg/L	0.00105	0.2707 mg/L	0.00105	0.39%
Fe 273.955†	1603090.7	76.65 mg/L	0.374	76.65 mg/L	0.374	0.49%
Mg 279.077†	436109.8	23.78 mg/L	0.131	23.78 mg/L	0.131	0.55%
V 292.402†	244971.9	0.6268 mg/L	0.00439	0.6268 mg/L	0.00439	0.70%
Al 308.215†	1444716.7	41.99 mg/L	0.213	41.99 mg/L	0.213	0.51%
Be 313.107†	267919.1	0.0483 mg/L	0.00034	0.0483 mg/L	0.00034	0.71%
Cu 324.752†	128050.5	0.3743 mg/L	0.00201	0.3743 mg/L	0.00201	0.54%
Ag 338.289†	7462.6	0.0348 mg/L	0.00077	0.0348 mg/L	0.00077	2.20%
Na 330.237†	855.2	0.9954 mg/L	0.01680	0.9954 mg/L	0.01680	1.69%
Ca 227.546†	2457.8	8.314 mg/L	0.0334	8.314 mg/L	0.0334	0.40%
Al RADIAL†	81757.6	43.39 mg/L	0.334	43.39 mg/L	0.334	0.77%
Fe RADIAL†	9196.1	80.05 mg/L	0.749	80.05 mg/L	0.749	0.94%
Ca RADIAL†	23553.1	8.025 mg/L	0.0633	8.025 mg/L	0.0633	0.79%
K RADIAL†	10763.3	7.350 mg/L	0.0606	7.350 mg/L	0.0606	0.82%
Mg RADIAL†	2832.3	24.27 mg/L	0.204	24.27 mg/L	0.204	0.84%
Na RADIAL†	46601.6	2.355 mg/L	0.0026	2.355 mg/L	0.0026	0.11%

Sequence No.: 45 **Autosampler Location: 3**
Sample ID: CCV-4 **Date Collected: 6/5/2012 8:39:31 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV-4

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17883353.9	4.760	mg/L	0.0114				0.24%
Y RADIAL	285398.9	4.739	mg/L	0.0526				1.11%
As 188.979†	252.2	0.2462	mg/L	0.00340	0.2462	mg/L	0.00340	1.38%
Tl 190.801†	329.0	0.2599	mg/L	0.00607	0.2599	mg/L	0.00607	2.34%
Se 196.026†	105.7	0.2470	mg/L	0.00088	0.2470	mg/L	0.00088	0.36%
Zn 206.200†	79644.5	2.476	mg/L	0.0090	2.476	mg/L	0.0090	0.36%
Sb 206.836†	372.9	0.2637	mg/L	0.00238	0.2637	mg/L	0.00238	0.90%
Pb 220.353†	1315.5	0.2517	mg/L	0.00136	0.2517	mg/L	0.00136	0.54%
Cd 226.502†	16404.9	0.1196	mg/L	0.00118	0.1196	mg/L	0.00118	0.99%
Co 228.616†	52820.9	2.515	mg/L	0.0052	2.515	mg/L	0.0052	0.21%
Ni 232.003†	37928.4	2.467	mg/L	0.0089	2.467	mg/L	0.0089	0.36%
Ba 233.527†	944260.2	10.06	mg/L	0.116	10.06	mg/L	0.116	1.15%
Mn 257.610†	1704542.3	2.464	mg/L	0.0285	2.464	mg/L	0.0285	1.16%
Cr 267.716†	143067.0	0.9572	mg/L	0.00930	0.9572	mg/L	0.00930	0.97%
Fe 273.955†	102706.0	4.911	mg/L	0.0136	4.911	mg/L	0.0136	0.28%
Mg 279.077†	441720.9	24.08	mg/L	0.262	24.08	mg/L	0.262	1.09%
V 292.402†	949864.4	2.454	mg/L	0.0261	2.454	mg/L	0.0261	1.06%
Al 308.215†	327360.1	9.513	mg/L	0.1051	9.513	mg/L	0.1051	1.10%
Be 313.107†	1396753.3	0.2517	mg/L	0.00306	0.2517	mg/L	0.00306	1.22%
Cu 324.752†	418347.6	1.213	mg/L	0.0167	1.213	mg/L	0.0167	1.38%
Ag 338.289†	254559.5	1.191	mg/L	0.0141	1.191	mg/L	0.0141	1.18%
Na 330.237†	33615.6	23.79	mg/L	0.124	23.79	mg/L	0.124	0.52%
Ca 227.546†	7421.2	23.97	mg/L	0.179	23.97	mg/L	0.179	0.75%
Al RADIAL†	19816.6	10.52	mg/L	0.254	10.52	mg/L	0.254	2.41%
Fe RADIAL†	591.5	5.149	mg/L	0.0380	5.149	mg/L	0.0380	0.74%
Ca RADIAL†	75676.6	25.78	mg/L	0.377	25.78	mg/L	0.377	1.46%
K RADIAL†	7520.9	5.136	mg/L	0.0863	5.136	mg/L	0.0863	1.68%
Mg RADIAL†	3077.1	26.37	mg/L	0.224	26.37	mg/L	0.224	0.85%
Na RADIAL†	526834.0	26.62	mg/L	0.123	26.62	mg/L	0.123	0.46%

Sequence No.: 46 **Autosampler Location: 4**
Sample ID: CCB-4 **Date Collected: 6/5/2012 8:47:47 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB-4

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18374670.5	4.891	mg/L	0.0354				0.72%
Y RADIAL	288547.2	4.792	mg/L	0.0840				1.75%
As 188.979†	-0.6	-0.0006	mg/L	0.00355	-0.0006	mg/L	0.00355	597.75%

Tl 190.801†	1.1	0.0009 mg/L	0.00064	0.0009 mg/L	0.00064	70.45%
Se 196.026†	4.3	0.0100 mg/L	0.00361	0.0100 mg/L	0.00361	36.14%
Zn 206.200†	3.8	0.0001 mg/L	0.00025	0.0001 mg/L	0.00025	211.47%
Sb 206.836†	-5.6	-0.0040 mg/L	0.00365	-0.0040 mg/L	0.00365	92.28%
Pb 220.353†	-6.3	-0.0012 mg/L	0.00185	-0.0012 mg/L	0.00185	155.21%
Cd 226.502†	2.1	0.0000 mg/L	0.00010	0.0000 mg/L	0.00010	687.47%
Co 228.616†	0.9	0.0000 mg/L	0.00008	0.0000 mg/L	0.00008	172.50%
Ni 232.003†	6.8	0.0004 mg/L	0.00018	0.0004 mg/L	0.00018	41.27%
Ba 233.527†	5.6	0.0001 mg/L	0.00003	0.0001 mg/L	0.00003	57.95%
Mn 257.610†	-13.9	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	148.53%
Cr 267.716†	6.8	0.0000 mg/L	0.00009	0.0000 mg/L	0.00009	189.14%
Fe 273.955†	10.1	0.0005 mg/L	0.00017	0.0005 mg/L	0.00017	34.30%
Mg 279.077†	-1.8	-0.0001 mg/L	0.00093	-0.0001 mg/L	0.00093	960.63%
V 292.402†	52.2	0.0001 mg/L	0.00004	0.0001 mg/L	0.00004	28.38%
Al 308.215†	46.4	0.0013 mg/L	0.00289	0.0013 mg/L	0.00289	214.56%
Be 313.107†	143.3	0.0000 mg/L	0.00001	0.0000 mg/L	0.00001	51.28%
Cu 324.752†	-10.3	0.0000 mg/L	0.00015	0.0000 mg/L	0.00015	507.51%
Ag 338.289†	81.1	0.0004 mg/L	0.00032	0.0004 mg/L	0.00032	83.84%
Na 330.237†	-108.4	-0.0765 mg/L	0.01353	-0.0765 mg/L	0.01353	17.68%
Ca 227.546†	2.3	0.0076 mg/L	0.02540	0.0076 mg/L	0.02540	335.18%
Al RADIAL†	-1.9	-0.0010 mg/L	0.00697	-0.0010 mg/L	0.00697	689.75%
Fe RADIAL†	-0.7	-0.0065 mg/L	0.02422	-0.0065 mg/L	0.02422	374.85%
Ca RADIAL†	15.8	0.0054 mg/L	0.01039	0.0054 mg/L	0.01039	193.52%
K RADIAL†	23.4	0.0160 mg/L	0.01862	0.0160 mg/L	0.01862	116.54%
Mg RADIAL†	5.7	0.0490 mg/L	0.01991	0.0490 mg/L	0.01991	40.65%
Na RADIAL†	-1258.5	-0.0636 mg/L	0.02520	-0.0636 mg/L	0.02520	39.63%

Sequence No.: 47
Sample ID: 12F0125-05
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 6/5/2012 8:52:29 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0125-05

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	16761573.3	4.462	mg/L	0.0135				0.30%
Y RADIAL	272850.6	4.531	mg/L	0.0683				1.51%
As 188.979†	6.3	0.0254	mg/L	0.00454	0.0254	mg/L	0.00454	17.89%
Tl 190.801†	-47.7	-0.0264	mg/L	0.00441	-0.0264	mg/L	0.00441	16.66%
Se 196.026†	-40.0	-0.0003	mg/L	0.02206	-0.0003	mg/L	0.02206	>999.9%
Zn 206.200†	17863.6	0.5479	mg/L	0.00233	0.5479	mg/L	0.00233	0.43%
Sb 206.836†	-13.4	-0.0105	mg/L	0.00123	-0.0105	mg/L	0.00123	11.68%
Pb 220.353†	2429.7	0.4543	mg/L	0.00398	0.4543	mg/L	0.00398	0.88%
Cd 226.502†	2425.8	-0.0068	mg/L	0.00009	-0.0068	mg/L	0.00009	1.39%
Co 228.616†	1506.2	0.0717	mg/L	0.00115	0.0717	mg/L	0.00115	1.60%
Ni 232.003†	5308.9	0.3665	mg/L	0.00570	0.3665	mg/L	0.00570	1.56%
Ba 233.527†	46066.0	0.4907	mg/L	0.00783	0.4907	mg/L	0.00783	1.60%
Mn 257.610†	1618992.5	2.346	mg/L	0.0149	2.346	mg/L	0.0149	0.64%
Cr 267.716†	21672.9	0.1450	mg/L	0.00226	0.1450	mg/L	0.00226	1.56%
Fe 273.955†	2733021.8	130.7	mg/L	0.84	130.7	mg/L	0.84	0.64%
Mg 279.077†	1043266.9	56.88	mg/L	0.387	56.88	mg/L	0.387	0.68%
V 292.402†	81646.2	0.2004	mg/L	0.00292	0.2004	mg/L	0.00292	1.46%
Al 308.215†	2380213.3	69.18	mg/L	0.395	69.18	mg/L	0.395	0.57%
Be 313.107†	-72283.8	-0.0130	mg/L	0.00035	-0.0130	mg/L	0.00035	2.70%
Cu 324.752†	80555.8	0.2370	mg/L	0.00321	0.2370	mg/L	0.00321	1.35%
Ag 338.289†	-5138.0	-0.0248	mg/L	0.00016	-0.0248	mg/L	0.00016	0.64%
Na 330.237†	-3331.0	-1.576	mg/L	0.0523	-1.576	mg/L	0.0523	3.32%
Ca 227.546†	23789.5	77.41	mg/L	1.150	77.41	mg/L	1.150	1.49%
Al RADIAL†	134479.2	71.37	mg/L	1.099	71.37	mg/L	1.099	1.54%
Fe RADIAL†	16372.1	142.5	mg/L	2.13	142.5	mg/L	2.13	1.50%
Ca RADIAL†	226639.6	77.22	mg/L	0.029	77.22	mg/L	0.029	0.04%
K RADIAL†	24097.7	16.45	mg/L	0.389	16.45	mg/L	0.389	2.36%
Mg RADIAL†	6984.7	59.86	mg/L	0.605	59.86	mg/L	0.605	1.01%
Na RADIAL†	34032.8	1.720	mg/L	0.0156	1.720	mg/L	0.0156	0.91%

Sequence No.: 48
Sample ID: 12F0125-06
Analyst: AC

Autosampler Location: 40
Date Collected: 6/5/2012 8:56:52 PM
Data Type: Original

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: 12F0125-06

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17178005.2	4.573	mg/L	0.0183				0.40%
Y RADIAL	277808.6	4.613	mg/L	0.0781				1.69%
As 188.979†	-3.5	0.0171	mg/L	0.00817	0.0171	mg/L	0.00817	47.67%
Tl 190.801†	-46.0	-0.0246	mg/L	0.00440	-0.0246	mg/L	0.00440	17.85%
Se 196.026†	-33.8	0.0204	mg/L	0.00936	0.0204	mg/L	0.00936	45.79%
Zn 206.200†	11303.2	0.3439	mg/L	0.00373	0.3439	mg/L	0.00373	1.09%
Sb 206.836†	-0.8	-0.0012	mg/L	0.00467	-0.0012	mg/L	0.00467	383.38%
Pb 220.353†	244.1	0.0328	mg/L	0.00139	0.0328	mg/L	0.00139	4.23%
Cd 226.502†	2464.9	-0.0083	mg/L	0.00056	-0.0083	mg/L	0.00056	6.81%
Co 228.616†	1952.4	0.0930	mg/L	0.00036	0.0930	mg/L	0.00036	0.38%
Ni 232.003†	10155.4	0.6831	mg/L	0.01163	0.6831	mg/L	0.01163	1.70%
Ba 233.527†	34001.4	0.3622	mg/L	0.00635	0.3622	mg/L	0.00635	1.75%
Mn 257.610†	2246544.5	3.254	mg/L	0.0418	3.254	mg/L	0.0418	1.29%
Cr 267.716†	64220.2	0.4296	mg/L	0.00756	0.4296	mg/L	0.00756	1.76%
Fe 273.955†	2927723.3	140.0	mg/L	1.79	140.0	mg/L	1.79	1.28%
Mg 279.077†	658100.5	35.88	mg/L	0.519	35.88	mg/L	0.519	1.45%
V 292.402†	106295.7	0.2633	mg/L	0.00444	0.2633	mg/L	0.00444	1.69%
Al 308.215†	1568076.6	45.58	mg/L	0.508	45.58	mg/L	0.508	1.11%
Be 313.107†	-52377.4	-0.0094	mg/L	0.00031	-0.0094	mg/L	0.00031	3.30%
Cu 324.752†	81915.1	0.2432	mg/L	0.00387	0.2432	mg/L	0.00387	1.59%
Ag 338.289†	-5587.4	-0.0263	mg/L	0.00050	-0.0263	mg/L	0.00050	1.89%
Na 330.237†	-2184.8	-0.8320	mg/L	0.05817	-0.8320	mg/L	0.05817	6.99%
Ca 227.546†	3923.9	13.34	mg/L	0.161	13.34	mg/L	0.161	1.21%
Al RADIAL†	91627.6	48.63	mg/L	0.336	48.63	mg/L	0.336	0.69%
Fe RADIAL†	17038.8	148.3	mg/L	4.22	148.3	mg/L	4.22	2.84%
Ca RADIAL†	36823.5	12.55	mg/L	0.382	12.55	mg/L	0.382	3.04%
K RADIAL†	20137.6	13.75	mg/L	0.394	13.75	mg/L	0.394	2.86%
Mg RADIAL†	4343.4	37.22	mg/L	1.075	37.22	mg/L	1.075	2.89%
Na RADIAL†	40036.7	2.023	mg/L	0.0102	2.023	mg/L	0.0102	0.50%

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Sequence No.: 49 Autosampler Location: 41
Sample ID: 12F0125-07 Date Collected: 6/5/2012 9:01:15 PM
Analyst: AC Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: 12F0125-07

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17062941.8	4.542	mg/L	0.0564				1.24%
Y RADIAL	273872.7	4.548	mg/L	0.0530				1.17%
As 188.979†	-4.1	0.0045	mg/L	0.00475	0.0045	mg/L	0.00475	104.61%
Tl 190.801†	-22.3	-0.0127	mg/L	0.00312	-0.0127	mg/L	0.00312	24.68%
Se 196.026†	-16.0	0.0041	mg/L	0.00579	0.0041	mg/L	0.00579	141.13%
Zn 206.200†	8167.0	0.2507	mg/L	0.00401	0.2507	mg/L	0.00401	1.60%
Sb 206.836†	-2.1	-0.0018	mg/L	0.00577	-0.0018	mg/L	0.00577	313.08%
Pb 220.353†	484.2	0.0875	mg/L	0.00166	0.0875	mg/L	0.00166	1.90%
Cd 226.502†	1035.3	-0.0034	mg/L	0.00027	-0.0034	mg/L	0.00027	8.03%
Co 228.616†	1054.1	0.0502	mg/L	0.00149	0.0502	mg/L	0.00149	2.96%
Ni 232.003†	6492.1	0.4316	mg/L	0.00146	0.4316	mg/L	0.00146	0.34%
Ba 233.527†	22966.7	0.2446	mg/L	0.00007	0.2446	mg/L	0.00007	0.03%
Mn 257.610†	1542370.2	2.232	mg/L	0.0319	2.232	mg/L	0.0319	1.43%
Cr 267.716†	13450.9	0.0900	mg/L	0.00187	0.0900	mg/L	0.00187	2.08%
Fe 273.955†	1217633.1	58.22	mg/L	0.825	58.22	mg/L	0.825	1.42%
Mg 279.077†	570630.9	31.11	mg/L	0.413	31.11	mg/L	0.413	1.33%
V 292.402†	33837.1	0.0827	mg/L	0.00032	0.0827	mg/L	0.00032	0.38%
Al 308.215†	877854.9	25.52	mg/L	0.344	25.52	mg/L	0.344	1.35%
Be 313.107†	-28351.9	-0.0051	mg/L	0.00009	-0.0051	mg/L	0.00009	1.75%
Cu 324.752†	42786.0	0.1259	mg/L	0.00039	0.1259	mg/L	0.00039	0.31%
Ag 338.289†	-2490.7	-0.0119	mg/L	0.00025	-0.0119	mg/L	0.00025	2.14%
Na 330.237†	-237.4	0.1545	mg/L	0.02549	0.1545	mg/L	0.02549	16.50%
Ca 227.546†	6219.6	20.36	mg/L	0.113	20.36	mg/L	0.113	0.55%
Al RADIAL†	51623.0	27.40	mg/L	0.247	27.40	mg/L	0.247	0.90%

Fe RADIAL†	6988.9	60.84 mg/L	0.539	60.84 mg/L	0.539	0.89%
Ca RADIAL†	60461.2	20.60 mg/L	0.068	20.60 mg/L	0.068	0.33%
K RADIAL†	11905.6	8.130 mg/L	0.1079	8.130 mg/L	0.1079	1.33%
Mg RADIAL†	3757.4	32.20 mg/L	0.391	32.20 mg/L	0.391	1.21%
Na RADIAL†	36691.1	1.854 mg/L	0.0039	1.854 mg/L	0.0039	0.21%

Sequence No.: 50 **Autosampler Location: 42**
Sample ID: 12F0126-01 **Date Collected: 6/5/2012 9:06:03 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 12F0126-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17038564.7	4.536	mg/L	0.0455				1.00%
Y RADIAL	277031.4	4.601	mg/L	0.0615				1.34%
As 188.979†	-4.3	0.0106	mg/L	0.01098	0.0106	mg/L	0.01098	103.23%
Tl 190.801†	-42.3	-0.0247	mg/L	0.00161	-0.0247	mg/L	0.00161	6.51%
Se 196.026†	-34.2	-0.0081	mg/L	0.02981	-0.0081	mg/L	0.02981	369.38%
Zn 206.200†	10805.6	0.3301	mg/L	0.00258	0.3301	mg/L	0.00258	0.78%
Sb 206.836†	-15.8	-0.0120	mg/L	0.00103	-0.0120	mg/L	0.00103	8.56%
Pb 220.353†	420.9	0.0726	mg/L	0.00188	0.0726	mg/L	0.00188	2.59%
Cd 226.502†	1759.3	-0.0060	mg/L	0.00032	-0.0060	mg/L	0.00032	5.23%
Co 228.616†	1350.4	0.0643	mg/L	0.00028	0.0643	mg/L	0.00028	0.44%
Ni 232.003†	10383.3	0.6915	mg/L	0.00184	0.6915	mg/L	0.00184	0.27%
Ba 233.527†	33054.8	0.3521	mg/L	0.00225	0.3521	mg/L	0.00225	0.64%
Mn 257.610†	1780651.9	2.579	mg/L	0.0536	2.579	mg/L	0.0536	2.08%
Cr 267.716†	22496.9	0.1505	mg/L	0.00139	0.1505	mg/L	0.00139	0.92%
Fe 273.955†	2102479.1	100.5	mg/L	2.15	100.5	mg/L	2.15	2.14%
Mg 279.077†	593809.5	32.38	mg/L	0.704	32.38	mg/L	0.704	2.17%
V 292.402†	62117.4	0.1524	mg/L	0.00024	0.1524	mg/L	0.00024	0.16%
Al 308.215†	1897861.2	55.16	mg/L	1.160	55.16	mg/L	1.160	2.10%
Be 313.107†	-51529.8	-0.0093	mg/L	0.00010	-0.0093	mg/L	0.00010	1.06%
Cu 324.752†	42632.0	0.1272	mg/L	0.00100	0.1272	mg/L	0.00100	0.79%
Ag 338.289†	-4314.7	-0.0204	mg/L	0.00065	-0.0204	mg/L	0.00065	3.21%
Na 330.237†	-515.5	0.1597	mg/L	0.04513	0.1597	mg/L	0.04513	28.25%
Ca 227.546†	5023.4	16.71	mg/L	0.111	16.71	mg/L	0.111	0.67%
Al RADIAL†	112223.6	59.56	mg/L	0.402	59.56	mg/L	0.402	0.68%
Fe RADIAL†	12273.2	106.8	mg/L	1.29	106.8	mg/L	1.29	1.20%
Ca RADIAL†	46755.0	15.93	mg/L	0.020	15.93	mg/L	0.020	0.13%
K RADIAL†	16822.0	11.49	mg/L	0.200	11.49	mg/L	0.200	1.74%
Mg RADIAL†	3981.4	34.12	mg/L	0.441	34.12	mg/L	0.441	1.29%
Na RADIAL†	59762.9	3.020	mg/L	0.0338	3.020	mg/L	0.0338	1.12%

Sequence No.: 51 **Autosampler Location: 43**
Sample ID: 12F0126-03 **Date Collected: 6/5/2012 9:10:52 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 12F0126-03

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17095667.0	4.551	mg/L	0.0405				0.89%
Y RADIAL	275727.7	4.579	mg/L	0.0401				0.88%
As 188.979†	-3.6	0.0118	mg/L	0.00497	0.0118	mg/L	0.00497	41.96%
Tl 190.801†	-40.5	-0.0231	mg/L	0.00243	-0.0231	mg/L	0.00243	10.51%
Se 196.026†	-24.2	0.0177	mg/L	0.01500	0.0177	mg/L	0.01500	84.51%
Zn 206.200†	8846.9	0.2693	mg/L	0.00261	0.2693	mg/L	0.00261	0.97%
Sb 206.836†	-6.1	-0.0050	mg/L	0.00332	-0.0050	mg/L	0.00332	66.63%
Pb 220.353†	345.7	0.0566	mg/L	0.00060	0.0566	mg/L	0.00060	1.05%
Cd 226.502†	1862.7	-0.0061	mg/L	0.00003	-0.0061	mg/L	0.00003	0.48%
Co 228.616†	1380.7	0.0657	mg/L	0.00087	0.0657	mg/L	0.00087	1.32%
Ni 232.003†	6540.5	0.4423	mg/L	0.00730	0.4423	mg/L	0.00730	1.65%
Ba 233.527†	30314.7	0.3229	mg/L	0.00554	0.3229	mg/L	0.00554	1.72%
Mn 257.610†	1660137.9	2.405	mg/L	0.0253	2.405	mg/L	0.0253	1.05%
Cr 267.716†	15571.4	0.1042	mg/L	0.00145	0.1042	mg/L	0.00145	1.40%

Fe 273.955†	2188468.5	104.6	mg/L	1.09	104.6	mg/L	1.09	1.04%
Mg 279.077†	583741.5	31.83	mg/L	0.389	31.83	mg/L	0.389	1.22%
V 292.402†	68308.4	0.1680	mg/L	0.00258	0.1680	mg/L	0.00258	1.53%
Al 308.215†	1484865.4	43.16	mg/L	0.410	43.16	mg/L	0.410	0.95%
Be 313.107†	-48882.3	-0.0088	mg/L	0.00016	-0.0088	mg/L	0.00016	1.85%
Cu 324.752†	55963.4	0.1661	mg/L	0.00285	0.1661	mg/L	0.00285	1.72%
Ag 338.289†	-3863.5	-0.0183	mg/L	0.00097	-0.0183	mg/L	0.00097	5.30%
Na 330.237†	-947.0	-0.1188	mg/L	0.07731	-0.1188	mg/L	0.07731	65.07%
Ca 227.546†	6236.2	20.64	mg/L	0.118	20.64	mg/L	0.118	0.57%
Al RADIAL†	89923.5	47.72	mg/L	0.402	47.72	mg/L	0.402	0.84%
Fe RADIAL†	12862.5	112.0	mg/L	1.80	112.0	mg/L	1.80	1.61%
Ca RADIAL†	59524.5	20.28	mg/L	0.071	20.28	mg/L	0.071	0.35%
K RADIAL†	18784.0	12.83	mg/L	0.212	12.83	mg/L	0.212	1.65%
Mg RADIAL†	3938.2	33.75	mg/L	0.483	33.75	mg/L	0.483	1.43%
Na RADIAL†	52680.5	2.662	mg/L	0.0105	2.662	mg/L	0.0105	0.40%

Sequence No.: 52
Sample ID: 12F0126-05
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 44
Date Collected: 6/5/2012 9:15:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0126-05

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16980759.7	4.520	mg/L	0.0360				0.80%
Y RADIAL	272206.3	4.520	mg/L	0.0384				0.85%
As 188.979†	2.2	0.0197	mg/L	0.01203	0.0197	mg/L	0.01203	61.17%
Tl 190.801†	-43.9	-0.0243	mg/L	0.00411	-0.0243	mg/L	0.00411	16.90%
Se 196.026†	-34.5	0.0042	mg/L	0.00674	0.0042	mg/L	0.00674	160.17%
Zn 206.200†	13027.3	0.3980	mg/L	0.00610	0.3980	mg/L	0.00610	1.53%
Sb 206.836†	-15.3	-0.0119	mg/L	0.00585	-0.0119	mg/L	0.00585	49.16%
Pb 220.353†	271.9	0.0430	mg/L	0.00110	0.0430	mg/L	0.00110	2.56%
Cd 226.502†	2127.0	-0.0068	mg/L	0.00016	-0.0068	mg/L	0.00016	2.26%
Co 228.616†	1536.7	0.0732	mg/L	0.00016	0.0732	mg/L	0.00016	0.22%
Ni 232.003†	3945.9	0.2760	mg/L	0.00542	0.2760	mg/L	0.00542	1.96%
Ba 233.527†	20132.0	0.2144	mg/L	0.00151	0.2144	mg/L	0.00151	0.70%
Mn 257.610†	1704568.3	2.470	mg/L	0.0127	2.470	mg/L	0.0127	0.51%
Cr 267.716†	18221.0	0.1219	mg/L	0.00103	0.1219	mg/L	0.00103	0.85%
Fe 273.955†	2491936.8	119.2	mg/L	0.66	119.2	mg/L	0.66	0.55%
Mg 279.077†	537891.0	29.33	mg/L	0.150	29.33	mg/L	0.150	0.51%
V 292.402†	71919.7	0.1762	mg/L	0.00190	0.1762	mg/L	0.00190	1.08%
Al 308.215†	2384577.4	69.31	mg/L	0.257	69.31	mg/L	0.257	0.37%
Be 313.107†	-49922.6	-0.0090	mg/L	0.00034	-0.0090	mg/L	0.00034	3.79%
Cu 324.752†	52767.2	0.1575	mg/L	0.00178	0.1575	mg/L	0.00178	1.13%
Ag 338.289†	-4526.8	-0.0213	mg/L	0.00022	-0.0213	mg/L	0.00022	1.04%
Na 330.237†	-2200.8	-0.9510	mg/L	0.04068	-0.9510	mg/L	0.04068	4.28%
Ca 227.546†	2726.4	9.395	mg/L	0.2298	9.395	mg/L	0.2298	2.45%
Al RADIAL†	144528.4	76.70	mg/L	0.824	76.70	mg/L	0.824	1.07%
Fe RADIAL†	14706.5	128.0	mg/L	1.43	128.0	mg/L	1.43	1.11%
Ca RADIAL†	26110.7	8.896	mg/L	0.0993	8.896	mg/L	0.0993	1.12%
K RADIAL†	16118.6	11.01	mg/L	0.144	11.01	mg/L	0.144	1.31%
Mg RADIAL†	3652.3	31.30	mg/L	0.242	31.30	mg/L	0.242	0.77%
Na RADIAL†	34219.7	1.729	mg/L	0.0299	1.729	mg/L	0.0299	1.73%

Sequence No.: 53
Sample ID: 12F0126-07
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 45
Date Collected: 6/5/2012 9:20:27 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0126-07

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17015709.2	4.529	mg/L	0.0422				0.93%
Y RADIAL	274207.0	4.554	mg/L	0.0103				0.23%
As 188.979†	-2.5	0.0132	mg/L	0.00659	0.0132	mg/L	0.00659	49.86%
Tl 190.801†	-57.4	-0.0361	mg/L	0.00482	-0.0361	mg/L	0.00482	13.35%

Se 196.026†	-25.4	0.0163 mg/L	0.01908	0.0163 mg/L	0.01908	117.35%
Zn 206.200†	9980.5	0.3041 mg/L	0.00121	0.3041 mg/L	0.00121	0.40%
Sb 206.836†	-9.2	-0.0074 mg/L	0.00926	-0.0074 mg/L	0.00926	125.22%
Pb 220.353†	262.0	0.0419 mg/L	0.00209	0.0419 mg/L	0.00209	5.00%
Cd 226.502†	1933.9	-0.0059 mg/L	0.00011	-0.0059 mg/L	0.00011	1.85%
Co 228.616†	1474.0	0.0702 mg/L	0.00043	0.0702 mg/L	0.00043	0.61%
Ni 232.003†	6506.9	0.4404 mg/L	0.00336	0.4404 mg/L	0.00336	0.76%
Ba 233.527†	35939.2	0.3828 mg/L	0.00136	0.3828 mg/L	0.00136	0.35%
Mn 257.610†	1933409.7	2.800 mg/L	0.0202	2.800 mg/L	0.0202	0.72%
Cr 267.716†	21172.6	0.1416 mg/L	0.00150	0.1416 mg/L	0.00150	1.06%
Fe 273.955†	2225364.1	106.4 mg/L	0.65	106.4 mg/L	0.65	0.61%
Mg 279.077†	559976.2	30.53 mg/L	0.210	30.53 mg/L	0.210	0.69%
V 292.402†	85427.7	0.2121 mg/L	0.00081	0.2121 mg/L	0.00081	0.38%
Al 308.215†	2042826.0	59.38 mg/L	0.410	59.38 mg/L	0.410	0.69%
Be 313.107†	-77468.4	-0.0140 mg/L	0.00004	-0.0140 mg/L	0.00004	0.27%
Cu 324.752†	48739.6	0.1453 mg/L	0.00064	0.1453 mg/L	0.00064	0.44%
Ag 338.289†	-5720.4	-0.0269 mg/L	0.00110	-0.0269 mg/L	0.00110	4.10%
Na 330.237†	-1673.1	-0.6379 mg/L	0.10121	-0.6379 mg/L	0.10121	15.87%
Ca 227.546†	3311.5	11.22 mg/L	0.065	11.22 mg/L	0.065	0.58%
Al RADIAL†	124447.1	66.04 mg/L	0.323	66.04 mg/L	0.323	0.49%
Fe RADIAL†	13074.5	113.8 mg/L	0.29	113.8 mg/L	0.29	0.25%
Ca RADIAL†	31573.5	10.76 mg/L	0.031	10.76 mg/L	0.031	0.29%
K RADIAL†	21599.0	14.75 mg/L	0.097	14.75 mg/L	0.097	0.66%
Mg RADIAL†	3791.8	32.50 mg/L	0.104	32.50 mg/L	0.104	0.32%
Na RADIAL†	60876.0	3.076 mg/L	0.0226	3.076 mg/L	0.0226	0.73%

Sequence No.: 54
Sample ID: 12F0126-09
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 46
Date Collected: 6/5/2012 9:25:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0126-09

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16191328.7	4.310	mg/L	0.0486				1.13%
Y RADIAL	261575.6	4.344	mg/L	0.0414				0.95%
As 188.979†	-8.6	0.0116	mg/L	0.00547	0.0116	mg/L	0.00547	47.12%
Tl 190.801†	-43.7	-0.0232	mg/L	0.00324	-0.0232	mg/L	0.00324	13.97%
Se 196.026†	-44.1	-0.0062	mg/L	0.00650	-0.0062	mg/L	0.00650	105.42%
Zn 206.200†	13960.8	0.4267	mg/L	0.00648	0.4267	mg/L	0.00648	1.52%
Sb 206.836†	-11.0	-0.0085	mg/L	0.00530	-0.0085	mg/L	0.00530	62.28%
Pb 220.353†	654.2	0.1118	mg/L	0.00336	0.1118	mg/L	0.00336	3.01%
Cd 226.502†	2452.9	-0.0076	mg/L	0.00042	-0.0076	mg/L	0.00042	5.53%
Co 228.616†	3283.2	0.1563	mg/L	0.00200	0.1563	mg/L	0.00200	1.28%
Ni 232.003†	36662.3	2.406	mg/L	0.0290	2.406	mg/L	0.0290	1.21%
Ba 233.527†	30068.2	0.3203	mg/L	0.00499	0.3203	mg/L	0.00499	1.56%
Mn 257.610†	2928537.8	4.237	mg/L	0.0424	4.237	mg/L	0.0424	1.00%
Cr 267.716†	32114.1	0.2149	mg/L	0.00293	0.2149	mg/L	0.00293	1.36%
Fe 273.955†	2836323.9	135.6	mg/L	1.25	135.6	mg/L	1.25	0.92%
Mg 279.077†	3724693.1	203.1	mg/L	1.83	203.1	mg/L	1.83	0.90%
V 292.402†	91392.8	0.2252	mg/L	0.00360	0.2252	mg/L	0.00360	1.60%
Al 308.215†	1617979.1	47.03	mg/L	0.495	47.03	mg/L	0.495	1.05%
Be 313.107†	-51609.2	-0.0093	mg/L	0.00007	-0.0093	mg/L	0.00007	0.72%
Cu 324.752†	70399.5	0.2073	mg/L	0.00323	0.2073	mg/L	0.00323	1.56%
Ag 338.289†	-4695.8	-0.0221	mg/L	0.00077	-0.0221	mg/L	0.00077	3.48%
Na 330.237†	-313.6	0.4871	mg/L	0.04361	0.4871	mg/L	0.04361	8.95%
Ca 227.546†	4373.0	14.79	mg/L	0.255	14.79	mg/L	0.255	1.72%
Al RADIAL†	98195.7	52.11	mg/L	0.768	52.11	mg/L	0.768	1.47%
Fe RADIAL†	16793.5	146.2	mg/L	1.27	146.2	mg/L	1.27	0.87%
Ca RADIAL†	39623.8	13.50	mg/L	0.151	13.50	mg/L	0.151	1.12%
K RADIAL†	16260.9	11.10	mg/L	0.161	11.10	mg/L	0.161	1.45%
Mg RADIAL†	24211.9	207.5	mg/L	2.48	207.5	mg/L	2.48	1.20%
Na RADIAL†	59637.0	3.014	mg/L	0.0107	3.014	mg/L	0.0107	0.35%

Sequence No.: 55
Sample ID: 12F0126-11
Analyst: AC
Initial Sample Wt:

Autosampler Location: 47
Date Collected: 6/5/2012 9:29:39 PM
Data Type: Original
Initial Sample Vol:

Dilution: Sample Prep Vol:

Mean Data: 12F0126-11

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16648821.2	4.432	mg/L	0.0210				0.47%
Y RADIAL	270780.1	4.497	mg/L	0.0339				0.75%
As 188.979†	-4.5	0.0124	mg/L	0.00176	0.0124	mg/L	0.00176	14.27%
Tl 190.801†	-34.1	-0.0174	mg/L	0.00502	-0.0174	mg/L	0.00502	28.77%
Se 196.026†	-37.8	-0.0071	mg/L	0.00107	-0.0071	mg/L	0.00107	15.02%
Zn 206.200†	13207.3	0.4045	mg/L	0.00240	0.4045	mg/L	0.00240	0.59%
Sb 206.836†	-8.8	-0.0068	mg/L	0.00443	-0.0068	mg/L	0.00443	64.95%
Pb 220.353†	249.0	0.0366	mg/L	0.00206	0.0366	mg/L	0.00206	5.62%
Cd 226.502†	2004.0	-0.0067	mg/L	0.00027	-0.0067	mg/L	0.00027	4.09%
Co 228.616†	2618.8	0.1247	mg/L	0.00106	0.1247	mg/L	0.00106	0.85%
Ni 232.003†	22938.7	1.510	mg/L	0.0120	1.510	mg/L	0.0120	0.79%
Ba 233.527†	27161.6	0.2893	mg/L	0.00143	0.2893	mg/L	0.00143	0.49%
Mn 257.610†	1998752.1	2.893	mg/L	0.0059	2.893	mg/L	0.0059	0.20%
Cr 267.716†	20926.0	0.1400	mg/L	0.00137	0.1400	mg/L	0.00137	0.98%
Fe 273.955†	2375907.4	113.6	mg/L	0.26	113.6	mg/L	0.26	0.23%
Mg 279.077†	2006991.5	109.4	mg/L	0.25	109.4	mg/L	0.25	0.23%
V 292.402†	64532.6	0.1575	mg/L	0.00148	0.1575	mg/L	0.00148	0.94%
Al 308.215†	1368651.8	39.78	mg/L	0.075	39.78	mg/L	0.075	0.19%
Be 313.107†	-41822.4	-0.0075	mg/L	0.00012	-0.0075	mg/L	0.00012	1.65%
Cu 324.752†	50293.4	0.1493	mg/L	0.00102	0.1493	mg/L	0.00102	0.68%
Ag 338.289†	-3706.5	-0.0175	mg/L	0.00032	-0.0175	mg/L	0.00032	1.84%
Na 330.237†	-655.9	0.1249	mg/L	0.04360	0.1249	mg/L	0.04360	34.90%
Ca 227.546†	3775.7	12.74	mg/L	0.106	12.74	mg/L	0.106	0.83%
Al RADIAL†	83851.0	44.50	mg/L	0.450	44.50	mg/L	0.450	1.01%
Fe RADIAL†	13795.2	120.1	mg/L	1.59	120.1	mg/L	1.59	1.32%
Ca RADIAL†	34535.5	11.77	mg/L	0.126	11.77	mg/L	0.126	1.07%
K RADIAL†	13990.4	9.553	mg/L	0.1041	9.553	mg/L	0.1041	1.09%
Mg RADIAL†	13076.3	112.1	mg/L	1.00	112.1	mg/L	1.00	0.89%
Na RADIAL†	43872.6	2.217	mg/L	0.0140	2.217	mg/L	0.0140	0.63%

Sequence No.: 56 **Autosampler Location: 48**
Sample ID: 12F0126-13 **Date Collected: 6/5/2012 9:34:05 PM**
Analyst: AC **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 12F0126-13

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16662212.6	4.435	mg/L	0.0174				0.39%
Y RADIAL	270403.6	4.490	mg/L	0.0115				0.26%
As 188.979†	-0.4	0.0135	mg/L	0.00492	0.0135	mg/L	0.00492	36.59%
Tl 190.801†	-44.8	-0.0274	mg/L	0.00636	-0.0274	mg/L	0.00636	23.21%
Se 196.026†	-27.8	0.0018	mg/L	0.01782	0.0018	mg/L	0.01782	978.07%
Zn 206.200†	7756.0	0.2359	mg/L	0.00260	0.2359	mg/L	0.00260	1.10%
Sb 206.836†	-11.2	-0.0085	mg/L	0.00205	-0.0085	mg/L	0.00205	24.07%
Pb 220.353†	242.7	0.0382	mg/L	0.00158	0.0382	mg/L	0.00158	4.13%
Cd 226.502†	1686.2	-0.0053	mg/L	0.00045	-0.0053	mg/L	0.00045	8.44%
Co 228.616†	1094.2	0.0521	mg/L	0.00087	0.0521	mg/L	0.00087	1.66%
Ni 232.003†	3628.0	0.2512	mg/L	0.00201	0.2512	mg/L	0.00201	0.80%
Ba 233.527†	33480.1	0.3566	mg/L	0.00278	0.3566	mg/L	0.00278	0.78%
Mn 257.610†	1372749.1	1.989	mg/L	0.0397	1.989	mg/L	0.0397	1.99%
Cr 267.716†	14708.1	0.0984	mg/L	0.00054	0.0984	mg/L	0.00054	0.55%
Fe 273.955†	1962877.1	93.85	mg/L	1.904	93.85	mg/L	1.904	2.03%
Mg 279.077†	627273.1	34.20	mg/L	0.732	34.20	mg/L	0.732	2.14%
V 292.402†	75205.3	0.1867	mg/L	0.00146	0.1867	mg/L	0.00146	0.78%
Al 308.215†	1358882.5	39.50	mg/L	0.804	39.50	mg/L	0.804	2.04%
Be 313.107†	-50823.4	-0.0092	mg/L	0.00022	-0.0092	mg/L	0.00022	2.43%
Cu 324.752†	40131.7	0.1195	mg/L	0.00105	0.1195	mg/L	0.00105	0.88%
Ag 338.289†	-3925.2	-0.0187	mg/L	0.00098	-0.0187	mg/L	0.00098	5.24%
Na 330.237†	-1577.3	-0.5962	mg/L	0.12235	-0.5962	mg/L	0.12235	20.52%
Ca 227.546†	9947.4	32.56	mg/L	0.311	32.56	mg/L	0.311	0.95%
Al RADIAL†	84978.1	45.10	mg/L	0.353	45.10	mg/L	0.353	0.78%
Fe RADIAL†	11505.6	100.2	mg/L	0.52	100.2	mg/L	0.52	0.52%

Ca RADIAL†	94839.1	32.31 mg/L	0.047	32.31 mg/L	0.047	0.14%
K RADIAL†	12765.7	8.717 mg/L	0.0454	8.717 mg/L	0.0454	0.52%
Mg RADIAL†	4254.1	36.46 mg/L	0.251	36.46 mg/L	0.251	0.69%
Na RADIAL†	40014.1	2.022 mg/L	0.0038	2.022 mg/L	0.0038	0.19%

Sequence No.: 57
Sample ID: CCV-5
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/5/2012 9:38:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16814234.3	4.476	mg/L	0.0039				0.09%
Y RADIAL	272064.8	4.518	mg/L	0.0590				1.31%
As 188.979†	242.4	0.2366	mg/L	0.00778	0.2366	mg/L	0.00778	3.29%
Tl 190.801†	326.5	0.2580	mg/L	0.00093	0.2580	mg/L	0.00093	0.36%
Se 196.026†	108.9	0.2544	mg/L	0.00986	0.2544	mg/L	0.00986	3.88%
Zn 206.200†	79260.1	2.464	mg/L	0.0455	2.464	mg/L	0.0455	1.85%
Sb 206.836†	358.7	0.2537	mg/L	0.00553	0.2537	mg/L	0.00553	2.18%
Pb 220.353†	1283.2	0.2456	mg/L	0.00213	0.2456	mg/L	0.00213	0.87%
Cd 226.502†	16445.2	0.1199	mg/L	0.00264	0.1199	mg/L	0.00264	2.20%
Co 228.616†	53439.3	2.544	mg/L	0.0476	2.544	mg/L	0.0476	1.87%
Ni 232.003†	38511.4	2.505	mg/L	0.0449	2.505	mg/L	0.0449	1.79%
Ba 233.527†	949931.8	10.12	mg/L	0.089	10.12	mg/L	0.089	0.88%
Mn 257.610†	1705501.2	2.465	mg/L	0.0207	2.465	mg/L	0.0207	0.84%
Cr 267.716†	150964.8	1.010	mg/L	0.0198	1.010	mg/L	0.0198	1.96%
Fe 273.955†	103944.6	4.970	mg/L	0.0948	4.970	mg/L	0.0948	1.91%
Mg 279.077†	438053.1	23.88	mg/L	0.198	23.88	mg/L	0.198	0.83%
V 292.402†	948232.6	2.450	mg/L	0.0254	2.450	mg/L	0.0254	1.04%
Al 308.215†	331199.1	9.625	mg/L	0.0752	9.625	mg/L	0.0752	0.78%
Be 313.107†	1378713.8	0.2484	mg/L	0.00246	0.2484	mg/L	0.00246	0.99%
Cu 324.752†	422139.3	1.224	mg/L	0.0103	1.224	mg/L	0.0103	0.84%
Ag 338.289†	256559.2	1.200	mg/L	0.0111	1.200	mg/L	0.0111	0.93%
Na 330.237†	34406.8	24.35	mg/L	0.252	24.35	mg/L	0.252	1.04%
Ca 227.546†	7548.0	24.38	mg/L	0.504	24.38	mg/L	0.504	2.07%
Al RADIAL†	21552.9	11.44	mg/L	0.358	11.44	mg/L	0.358	3.13%
Fe RADIAL†	576.0	5.014	mg/L	0.0557	5.014	mg/L	0.0557	1.11%
Ca RADIAL†	73334.3	24.99	mg/L	0.670	24.99	mg/L	0.670	2.68%
K RADIAL†	7595.8	5.187	mg/L	0.1658	5.187	mg/L	0.1658	3.20%
Mg RADIAL†	3039.6	26.05	mg/L	0.408	26.05	mg/L	0.408	1.57%
Na RADIAL†	547750.2	27.68	mg/L	0.014	27.68	mg/L	0.014	0.05%

Sequence No.: 58
Sample ID: CCB-5
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/5/2012 9:47:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17486850.6	4.655	mg/L	0.0020				0.04%
Y RADIAL	270153.5	4.486	mg/L	0.0840				1.87%
As 188.979†	-6.6	-0.0065	mg/L	0.00670	-0.0065	mg/L	0.00670	103.64%
Tl 190.801†	4.4	0.0035	mg/L	0.00369	0.0035	mg/L	0.00369	105.58%
Se 196.026†	2.2	0.0051	mg/L	0.00641	0.0051	mg/L	0.00641	124.62%
Zn 206.200†	8.2	0.0003	mg/L	0.00023	0.0003	mg/L	0.00023	90.46%
Sb 206.836†	-1.0	-0.0007	mg/L	0.00043	-0.0007	mg/L	0.00043	58.37%
Pb 220.353†	-8.4	-0.0016	mg/L	0.00103	-0.0016	mg/L	0.00103	64.30%
Cd 226.502†	-5.3	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	115.88%
Co 228.616†	-2.8	-0.0001	mg/L	0.00015	-0.0001	mg/L	0.00015	115.20%
Ni 232.003†	-4.8	-0.0003	mg/L	0.00057	-0.0003	mg/L	0.00057	180.24%
Ba 233.527†	10.9	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	61.33%
Mn 257.610†	-4.0	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	276.82%
Cr 267.716†	-8.9	-0.0001	mg/L	0.00008	-0.0001	mg/L	0.00008	143.31%
Fe 273.955†	20.2	0.0010	mg/L	0.00092	0.0010	mg/L	0.00092	94.83%

Mg 279.077†	14.9	0.0008 mg/L	0.00076	0.0008 mg/L	0.00076	93.13%
V 292.402†	5.8	0.0000 mg/L	0.00009	0.0000 mg/L	0.00009	595.61%
Al 308.215†	344.9	0.0100 mg/L	0.00076	0.0100 mg/L	0.00076	7.54%
Be 313.107†	217.8	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	40.13%
Cu 324.752†	100.6	0.0003 mg/L	0.00005	0.0003 mg/L	0.00005	15.92%
Ag 338.289†	62.8	0.0003 mg/L	0.00039	0.0003 mg/L	0.00039	131.32%
Na 330.237†	-0.9	-0.0007 mg/L	0.04427	-0.0007 mg/L	0.04427	>999.9%
Ca 227.546†	-16.9	-0.0544 mg/L	0.01508	-0.0544 mg/L	0.01508	27.73%
Al RADIAL†	16.8	0.0089 mg/L	0.00370	0.0089 mg/L	0.00370	41.45%
Fe RADIAL†	-2.4	-0.0213 mg/L	0.00682	-0.0213 mg/L	0.00682	31.98%
Ca RADIAL†	-4.6	-0.0016 mg/L	0.01105	-0.0016 mg/L	0.01105	703.63%
K RADIAL†	39.8	0.0272 mg/L	0.03122	0.0272 mg/L	0.03122	114.74%
Mg RADIAL†	0.7	0.0061 mg/L	0.01341	0.0061 mg/L	0.01341	221.08%
Na RADIAL†	-4168.7	-0.2107 mg/L	0.04005	-0.2107 mg/L	0.04005	19.01%

Sequence No.: 59
Sample ID: 12F0126-15
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 6/5/2012 9:51:51 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0126-15

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16778526.5	4.466	mg/L	0.0288				0.65%
Y RADIAL	266846.1	4.431	mg/L	0.0213				0.48%
As 188.979†	-13.3	-0.0005	mg/L	0.00522	-0.0005	mg/L	0.00522	>999.9%
Tl 190.801†	-33.0	-0.0190	mg/L	0.00755	-0.0190	mg/L	0.00755	39.80%
Se 196.026†	-23.6	0.0053	mg/L	0.00420	0.0053	mg/L	0.00420	79.00%
Zn 206.200†	7036.9	0.2142	mg/L	0.00155	0.2142	mg/L	0.00155	0.73%
Sb 206.836†	-4.9	-0.0039	mg/L	0.00014	-0.0039	mg/L	0.00014	3.61%
Pb 220.353†	230.3	0.0357	mg/L	0.00080	0.0357	mg/L	0.00080	2.24%
Cd 226.502†	1503.2	-0.0050	mg/L	0.00031	-0.0050	mg/L	0.00031	6.21%
Co 228.616†	895.5	0.0426	mg/L	0.00036	0.0426	mg/L	0.00036	0.84%
Ni 232.003†	2537.2	0.1788	mg/L	0.00193	0.1788	mg/L	0.00193	1.08%
Ba 233.527†	32687.7	0.3482	mg/L	0.00096	0.3482	mg/L	0.00096	0.28%
Mn 257.610†	1749005.1	2.532	mg/L	0.0299	2.532	mg/L	0.0299	1.18%
Cr 267.716†	11812.6	0.0790	mg/L	0.00063	0.0790	mg/L	0.00063	0.80%
Fe 273.955†	1773905.7	84.82	mg/L	0.980	84.82	mg/L	0.980	1.16%
Mg 279.077†	449021.1	24.48	mg/L	0.318	24.48	mg/L	0.318	1.30%
V 292.402†	54882.0	0.1349	mg/L	0.00098	0.1349	mg/L	0.00098	0.73%
Al 308.215†	998326.4	29.02	mg/L	0.276	29.02	mg/L	0.276	0.95%
Be 313.107†	-33780.5	-0.0061	mg/L	0.00008	-0.0061	mg/L	0.00008	1.38%
Cu 324.752†	26907.5	0.0813	mg/L	0.00027	0.0813	mg/L	0.00027	0.33%
Ag 338.289†	-2823.8	-0.0133	mg/L	0.00061	-0.0133	mg/L	0.00061	4.56%
Na 330.237†	-1000.8	-0.2735	mg/L	0.01947	-0.2735	mg/L	0.01947	7.12%
Ca 227.546†	2807.9	9.475	mg/L	0.0209	9.475	mg/L	0.0209	0.22%
Al RADIAL†	64686.2	34.33	mg/L	0.160	34.33	mg/L	0.160	0.47%
Fe RADIAL†	10441.3	90.89	mg/L	0.392	90.89	mg/L	0.392	0.43%
Ca RADIAL†	26930.3	9.176	mg/L	0.0483	9.176	mg/L	0.0483	0.53%
K RADIAL†	12626.1	8.622	mg/L	0.0400	8.622	mg/L	0.0400	0.46%
Mg RADIAL†	3093.8	26.51	mg/L	0.227	26.51	mg/L	0.227	0.86%
Na RADIAL†	29989.9	1.516	mg/L	0.0061	1.516	mg/L	0.0061	0.40%

Sequence No.: 60
Sample ID: 12F0141-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 49
Date Collected: 6/5/2012 9:56:41 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0141-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	6190820.1	1.648	mg/L	2.5327				153.69%
Y RADIAL	268329.7	4.456	mg/L	0.0255				0.57%
As 188.979†	-5751.2	-5.590	mg/L	9.5454	-5.590	mg/L	9.5454	170.77%
Tl 190.801†	-8178.3	-6.445	mg/L	11.0878	-6.445	mg/L	11.0878	172.05%
Se 196.026†	652.9	1.534	mg/L	2.5574	1.534	mg/L	2.5574	166.68%

Zn 206.200†	3722.2	0.1126	mg/L	0.09469	0.1126	mg/L	0.09469 84.10%
Sb 206.836†	6463.5	4.572	mg/L	7.8841	4.572	mg/L	7.8841 172.43%
Pb 220.353†	11240.1	2.142	mg/L	3.6780	2.142	mg/L	3.6780 171.73%
Cd 226.502†	-101965.2	-0.7574	mg/L	1.29620	-0.7574	mg/L	1.29620 171.13%
Co 228.616†	-16976.9	-0.8083	mg/L	1.41793	-0.8083	mg/L	1.41793 175.42%
Ni 232.003†	-193729.3	-12.59	mg/L	21.766	-12.59	mg/L	21.766 172.90%
Ba 233.527†	25577.7	0.2725	mg/L	0.21505	0.2725	mg/L	0.21505 78.93%
Mn 257.610†	1099687.5	1.592	mg/L	0.8313	1.592	mg/L	0.8313 52.23%
Cr 267.716†	66404.7	0.4443	mg/L	0.69935	0.4443	mg/L	0.69935 157.42%
Fe 273.955†	901903.0	43.12	mg/L	34.336	43.12	mg/L	34.336 79.62%
Mg 279.077†	276666.1	15.09	mg/L	8.418	15.09	mg/L	8.418 55.78%
V 292.402†	-8650.5	-0.0258	mg/L	0.16394	-0.0258	mg/L	0.16394 634.30%
Al 308.215†	1902986.0	55.31	mg/L	62.708	55.31	mg/L	62.708 113.37%
Be 313.107†	-602317.4	-0.1085	mg/L	0.18172	-0.1085	mg/L	0.18172 167.43%
Cu 324.752†	500934.1	1.461	mg/L	2.4379	1.461	mg/L	2.4379 166.85%
Ag 338.289†	-120624.5	-0.5608	mg/L	0.95732	-0.5608	mg/L	0.95732 170.70%
Na 330.237†	197216.6	138.8	mg/L	238.15	138.8	mg/L	238.15 171.52%
Ca 227.546†	-104752.8	-337.7	mg/L	586.82	-337.7	mg/L	586.82 173.76%
Al RADIAL†	64200.8	34.07	mg/L	0.522	34.07	mg/L	0.522 1.53%
Fe RADIAL†	10342.3	90.03	mg/L	0.307	90.03	mg/L	0.307 0.34%
Ca RADIAL†	26711.6	9.101	mg/L	0.0251	9.101	mg/L	0.0251 0.28%
K RADIAL†	12467.8	8.514	mg/L	0.0211	8.514	mg/L	0.0211 0.25%
Mg RADIAL†	3070.2	26.31	mg/L	0.107	26.31	mg/L	0.107 0.41%
Na RADIAL†	29375.8	1.485	mg/L	0.0113	1.485	mg/L	0.0113 0.76%

Sequence No.: 61
Sample ID: SD 1:5 S 12F0126-15
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 50
Date Collected: 6/5/2012 10:04:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: SD 1:5 S 12F0126-15

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	16893517.3	4.497	mg/L	0.0288				0.64%
Y RADIAL	276883.5	4.598	mg/L	0.0206				0.45%
As 188.979†	8.0	0.0476	mg/L	0.00793	0.0476	mg/L	0.00793	16.67%
Tl 190.801†	-30.2	-0.0008	mg/L	0.01001	-0.0008	mg/L	0.01001	>999.9%
Se 196.026†	-79.9	0.0058	mg/L	0.01282	0.0058	mg/L	0.01282	220.05%
Zn 206.200†	24731.3	0.7535	mg/L	0.01067	0.7535	mg/L	0.01067	1.42%
Sb 206.836†	-20.8	-0.0168	mg/L	0.00388	-0.0168	mg/L	0.00388	23.14%
Pb 220.353†	660.7	0.1039	mg/L	0.00130	0.1039	mg/L	0.00130	1.26%
Cd 226.502†	4969.9	-0.0145	mg/L	0.00044	-0.0145	mg/L	0.00044	3.04%
Co 228.616†	2377.1	0.1132	mg/L	0.00172	0.1132	mg/L	0.00172	1.52%
Ni 232.003†	4105.6	0.3111	mg/L	0.00886	0.3111	mg/L	0.00886	2.85%
Ba 233.527†	40351.9	0.4298	mg/L	0.00705	0.4298	mg/L	0.00705	1.64%
Mn 257.610†	6073187.3	8.792	mg/L	0.0383	8.792	mg/L	0.0383	0.44%
Cr 267.716†	23843.1	0.1595	mg/L	0.00258	0.1595	mg/L	0.00258	1.62%
Fe 273.955†	5651451.9	270.2	mg/L	1.11	270.2	mg/L	1.11	0.41%
Mg 279.077†	1134473.3	61.86	mg/L	0.772	61.86	mg/L	0.772	1.25%
V 292.402†	77627.4	0.1787	mg/L	0.00300	0.1787	mg/L	0.00300	1.68%
Al 308.215†	4653644.1	135.3	mg/L	0.81	135.3	mg/L	0.81	0.60%
Be 313.107†	22189.4	0.0040	mg/L	0.00005	0.0040	mg/L	0.00005	1.30%
Cu 324.752†	105941.7	0.3176	mg/L	0.00515	0.3176	mg/L	0.00515	1.62%
Ag 338.289†	-1488.4	-0.0072	mg/L	0.00014	-0.0072	mg/L	0.00014	1.94%
Na 330.237†	-41.7	1.346	mg/L	0.0261	1.346	mg/L	0.0261	1.94%
Ca 227.546†	8115.8	27.53	mg/L	0.271	27.53	mg/L	0.271	0.98%
Al RADIAL†	303815.6	161.2	mg/L	0.76	161.2	mg/L	0.76	0.47%
Fe RADIAL†	34927.0	304.0	mg/L	1.38	304.0	mg/L	1.38	0.45%
Ca RADIAL†	76097.9	25.93	mg/L	0.240	25.93	mg/L	0.240	0.93%
K RADIAL†	11069.2	7.559	mg/L	0.0578	7.559	mg/L	0.0578	0.76%
Mg RADIAL†	7448.6	63.83	mg/L	0.567	63.83	mg/L	0.567	0.89%
Na RADIAL†	31160.3	1.575	mg/L	0.0109	1.575	mg/L	0.0109	0.69%

Sequence No.: 62
Sample ID: SD 1:5 A 12F0116-01
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 51
Date Collected: 6/5/2012 10:09:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: SD 1:5 A 12F0116-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17280389.3	4.600	mg/L	0.0211				0.46%
Y RADIAL	274087.7	4.552	mg/L	0.0214				0.47%
As 188.979†	-4.1	-0.0013	mg/L	0.00507	-0.0013	mg/L	0.00507	392.61%
Tl 190.801†	-4.6	-0.0021	mg/L	0.00153	-0.0021	mg/L	0.00153	73.54%
Se 196.026†	0.6	0.0145	mg/L	0.00490	0.0145	mg/L	0.00490	33.87%
Zn 206.200†	1539.4	0.0469	mg/L	0.00037	0.0469	mg/L	0.00037	0.78%
Sb 206.836†	-3.1	-0.0023	mg/L	0.00314	-0.0023	mg/L	0.00314	138.69%
Pb 220.353†	43.2	0.0064	mg/L	0.00216	0.0064	mg/L	0.00216	33.72%
Cd 226.502†	330.9	-0.0011	mg/L	0.00011	-0.0011	mg/L	0.00011	9.86%
Co 228.616†	190.6	0.0091	mg/L	0.00018	0.0091	mg/L	0.00018	1.99%
Ni 232.003†	556.3	0.0392	mg/L	0.00053	0.0392	mg/L	0.00053	1.35%
Ba 233.527†	6868.2	0.0732	mg/L	0.00030	0.0732	mg/L	0.00030	0.40%
Mn 257.610†	379496.7	0.5495	mg/L	0.00170	0.5495	mg/L	0.00170	0.31%
Cr 267.716†	2498.0	0.0167	mg/L	0.00048	0.0167	mg/L	0.00048	2.86%
Fe 273.955†	389044.3	18.60	mg/L	0.049	18.60	mg/L	0.049	0.26%
Mg 279.077†	97369.3	5.309	mg/L	0.0143	5.309	mg/L	0.0143	0.27%
V 292.402†	11343.8	0.0278	mg/L	0.00031	0.0278	mg/L	0.00031	1.10%
Al 308.215†	207196.0	6.023	mg/L	0.0075	6.023	mg/L	0.0075	0.12%
Be 313.107†	-6900.0	-0.0012	mg/L	0.00002	-0.0012	mg/L	0.00002	1.82%
Cu 324.752†	5577.1	0.0169	mg/L	0.00029	0.0169	mg/L	0.00029	1.72%
Ag 338.289†	-619.3	-0.0029	mg/L	0.00029	-0.0029	mg/L	0.00029	9.93%
Na 330.237†	-196.8	-0.0443	mg/L	0.03114	-0.0443	mg/L	0.03114	70.27%
Ca 227.546†	547.5	1.857	mg/L	0.0184	1.857	mg/L	0.0184	0.99%
Al RADIAL†	13733.4	7.288	mg/L	0.0561	7.288	mg/L	0.0561	0.77%
Fe RADIAL†	2255.9	19.64	mg/L	0.222	19.64	mg/L	0.222	1.13%
Ca RADIAL†	5709.7	1.945	mg/L	0.0239	1.945	mg/L	0.0239	1.23%
K RADIAL†	2506.9	1.712	mg/L	0.0112	1.712	mg/L	0.0112	0.65%
Mg RADIAL†	654.2	5.607	mg/L	0.0262	5.607	mg/L	0.0262	0.47%
Na RADIAL†	3662.4	0.1851	mg/L	0.01088	0.1851	mg/L	0.01088	5.88%

Sequence No.: 63
Sample ID: RL STD
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 6/5/2012 10:13:49 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: RL STD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17605435.1	4.686	mg/L	0.0410				0.87%
Y RADIAL	278116.8	4.619	mg/L	0.0453				0.98%
As 188.979†	5.4	0.0052	mg/L	0.00966	0.0052	mg/L	0.00966	184.03%
Tl 190.801†	16.3	0.0128	mg/L	0.00310	0.0128	mg/L	0.00310	24.10%
Se 196.026†	3.3	0.0076	mg/L	0.00501	0.0076	mg/L	0.00501	66.10%
Zn 206.200†	189.0	0.0059	mg/L	0.00009	0.0059	mg/L	0.00009	1.50%
Sb 206.836†	10.6	0.0075	mg/L	0.00228	0.0075	mg/L	0.00228	30.35%
Pb 220.353†	15.1	0.0029	mg/L	0.00177	0.0029	mg/L	0.00177	61.45%
Cd 226.502†	639.2	0.0047	mg/L	0.00016	0.0047	mg/L	0.00016	3.34%
Co 228.616†	105.8	0.0050	mg/L	0.00048	0.0050	mg/L	0.00048	9.46%
Ni 232.003†	67.8	0.0044	mg/L	0.00081	0.0044	mg/L	0.00081	18.27%
Ba 233.527†	1021.3	0.0109	mg/L	0.00018	0.0109	mg/L	0.00018	1.62%
Mn 257.610†	3678.8	0.0053	mg/L	0.00009	0.0053	mg/L	0.00009	1.73%
Cr 267.716†	786.1	0.0053	mg/L	0.00017	0.0053	mg/L	0.00017	3.27%
Fe 273.955†	187.5	0.0090	mg/L	0.00071	0.0090	mg/L	0.00071	7.87%
Mg 279.077†	-1.3	-0.0001	mg/L	0.00139	-0.0001	mg/L	0.00139	>999.9%
V 292.402†	1866.0	0.0048	mg/L	0.00009	0.0048	mg/L	0.00009	1.91%
Al 308.215†	1078.2	0.0313	mg/L	0.00549	0.0313	mg/L	0.00549	17.52%
Be 313.107†	27259.1	0.0049	mg/L	0.00005	0.0049	mg/L	0.00005	0.97%
Cu 324.752†	1824.1	0.0053	mg/L	0.00019	0.0053	mg/L	0.00019	3.66%
Ag 338.289†	1084.8	0.0051	mg/L	0.00014	0.0051	mg/L	0.00014	2.82%
Na 330.237†	-101.8	-0.0719	mg/L	0.01610	-0.0719	mg/L	0.01610	22.39%
Ca 227.546†	-11.8	-0.0379	mg/L	0.04719	-0.0379	mg/L	0.04719	124.58%
Al RADIAL†	55.4	0.0294	mg/L	0.00388	0.0294	mg/L	0.00388	13.19%
Fe RADIAL†	2.0	0.0174	mg/L	0.03002	0.0174	mg/L	0.03002	172.35%
Ca RADIAL†	33.7	0.0115	mg/L	0.00915	0.0115	mg/L	0.00915	79.80%

K RADIAL†	24.9	0.0170	mg/L	0.03276	0.0170	mg/L	0.03276 192.37%
Mg RADIAL†	2.9	0.0245	mg/L	0.02065	0.0245	mg/L	0.02065 84.19%
Na RADIAL†	-3693.9	-0.1867	mg/L	0.00931	-0.1867	mg/L	0.00931 4.99%

Sequence No.: 64
Sample ID: ICS A
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 6/5/2012 10:18:31 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS A

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Y 371.029	14719885.5	3.918	mg/L	0.0253				0.65%
Y RADIAL	243471.7	4.043	mg/L	0.0362				0.90%
As 188.979†	-37.6	-0.0107	mg/L	0.01099	-0.0107	mg/L	0.01099	103.00%
Tl 190.801†	-31.5	-0.0051	mg/L	0.00801	-0.0051	mg/L	0.00801	157.46%
Se 196.026†	-61.5	-0.0178	mg/L	0.01274	-0.0178	mg/L	0.01274	71.52%
Zn 206.200†	486.7	-0.0035	mg/L	0.00070	-0.0035	mg/L	0.00070	20.16%
Sb 206.836†	-5.4	-0.0115	mg/L	0.01801	-0.0115	mg/L	0.01801	156.95%
Pb 220.353†	-270.5	-0.0199	mg/L	0.00160	-0.0199	mg/L	0.00160	8.08%
Cd 226.502†	3293.8	-0.0090	mg/L	0.00069	-0.0090	mg/L	0.00069	7.65%
Co 228.616†	18.5	0.0009	mg/L	0.00069	0.0009	mg/L	0.00069	78.18%
Ni 232.003†	-84.7	0.0233	mg/L	0.00212	0.0233	mg/L	0.00212	9.12%
Ba 233.527†	423.0	0.0045	mg/L	0.00006	0.0045	mg/L	0.00006	1.25%
Mn 257.610†	-6271.8	-0.0086	mg/L	0.00014	-0.0086	mg/L	0.00014	1.64%
Cr 267.716†	-1014.5	-0.0068	mg/L	0.00020	-0.0068	mg/L	0.00020	2.87%
Fe 273.955†	3683129.0	176.1	mg/L	0.83	176.1	mg/L	0.83	0.47%
Mg 279.077†	9015310.0	491.5	mg/L	2.80	491.5	mg/L	2.80	0.57%
V 292.402†	6054.9	0.0014	mg/L	0.00023	0.0014	mg/L	0.00023	16.41%
Al 308.215†	17690121.0	514.1	mg/L	2.07	514.1	mg/L	2.07	0.40%
Be 313.107†	-521.4	-0.0001	mg/L	0.00004	-0.0001	mg/L	0.00004	37.97%
Cu 324.752†	-3632.6	-0.0248	mg/L	0.00052	-0.0248	mg/L	0.00052	2.11%
Ag 338.289†	1147.4	-0.0002	mg/L	0.00025	-0.0002	mg/L	0.00025	114.73%
Na 330.237†	-2127.9	0.3200	mg/L	0.03621	0.3200	mg/L	0.03621	11.32%
Ca 227.546†	164531.5	532.0	mg/L	8.00	532.0	mg/L	8.00	1.50%
Al RADIAL†	1141285.6	605.7	mg/L	4.76	605.7	mg/L	4.76	0.79%
Fe RADIAL†	22487.9	195.8	mg/L	4.58	195.8	mg/L	4.58	2.34%
Ca RADIAL†	1392936.4	474.6	mg/L	0.59	474.6	mg/L	0.59	0.12%
K RADIAL†	-30.4	-0.0207	mg/L	0.01014	-0.0207	mg/L	0.01014	48.90%
Mg RADIAL†	61231.7	524.8	mg/L	10.64	524.8	mg/L	10.64	2.03%
Na RADIAL†	416.9	0.0211	mg/L	0.01346	0.0211	mg/L	0.01346	63.90%

Sequence No.: 65
Sample ID: ICS AB
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 6/5/2012 10:26:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS AB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Calib. Std.Dev.	Sample Conc.	Sample Units	Sample Std.Dev.	RSD
Y 371.029	14741940.4	3.924	mg/L	0.0258				0.66%
Y RADIAL	243193.1	4.039	mg/L	0.0247				0.61%
As 188.979†	506.4	0.5188	mg/L	0.01891	0.5188	mg/L	0.01891	3.64%
Tl 190.801†	573.7	0.4723	mg/L	0.00411	0.4723	mg/L	0.00411	0.87%
Se 196.026†	147.1	0.4635	mg/L	0.03374	0.4635	mg/L	0.03374	7.28%
Zn 206.200†	27753.4	0.8443	mg/L	0.00659	0.8443	mg/L	0.00659	0.78%
Sb 206.836†	727.3	0.5068	mg/L	0.00834	0.5068	mg/L	0.00834	1.65%
Pb 220.353†	4374.3	0.8671	mg/L	0.01366	0.8671	mg/L	0.01366	1.58%
Cd 226.502†	122759.9	0.8686	mg/L	0.00900	0.8686	mg/L	0.00900	1.04%
Co 228.616†	9630.4	0.4585	mg/L	0.00383	0.4585	mg/L	0.00383	0.83%
Ni 232.003†	15350.8	1.027	mg/L	0.0026	1.027	mg/L	0.0026	0.25%
Ba 233.527†	47353.2	0.5044	mg/L	0.00373	0.5044	mg/L	0.00373	0.74%
Mn 257.610†	328780.0	0.4759	mg/L	0.00375	0.4759	mg/L	0.00375	0.79%
Cr 267.716†	68290.0	0.4569	mg/L	0.00464	0.4569	mg/L	0.00464	1.02%
Fe 273.955†	3710394.4	177.4	mg/L	1.78	177.4	mg/L	1.78	1.00%
Mg 279.077†	8906502.9	485.5	mg/L	1.11	485.5	mg/L	1.11	0.23%

V 292.402†	192793.1	0.4838 mg/L	0.00472	0.4838 mg/L	0.00472	0.98%
Al 308.215†	17819578.8	517.9 mg/L	1.25	517.9 mg/L	1.25	0.24%
Be 313.107†	2739473.5	0.4937 mg/L	0.00447	0.4937 mg/L	0.00447	0.91%
Cu 324.752†	183706.4	0.5190 mg/L	0.00280	0.5190 mg/L	0.00280	0.54%
Ag 338.289†	238919.2	1.112 mg/L	0.0093	1.112 mg/L	0.0093	0.84%
Na 330.237†	-484.4	1.469 mg/L	0.0163	1.469 mg/L	0.0163	1.11%
Ca 227.546†	161404.0	521.9 mg/L	3.20	521.9 mg/L	3.20	0.61%
Al RADIAL†	1140675.2	605.4 mg/L	3.72	605.4 mg/L	3.72	0.61%
Fe RADIAL†	22381.8	194.8 mg/L	1.59	194.8 mg/L	1.59	0.82%
Ca RADIAL†	1402155.8	477.7 mg/L	0.61	477.7 mg/L	0.61	0.13%
K RADIAL†	54.7	0.0373 mg/L	0.04460	0.0373 mg/L	0.04460	119.49%
Mg RADIAL†	60777.1	520.9 mg/L	3.50	520.9 mg/L	3.50	0.67%
Na RADIAL†	265.3	0.0134 mg/L	0.01058	0.0134 mg/L	0.01058	78.90%

Sequence No.: 66
Sample ID: CCV-6
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/5/2012 10:33:59 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-6

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	16936529.4	4.508	mg/L	0.0097				0.21%
Y RADIAL	267447.4	4.441	mg/L	0.0281				0.63%
As 188.979†	240.1	0.2344	mg/L	0.00885	0.2344	mg/L	0.00885	3.78%
Tl 190.801†	319.6	0.2525	mg/L	0.00385	0.2525	mg/L	0.00385	1.52%
Se 196.026†	102.3	0.2391	mg/L	0.00711	0.2391	mg/L	0.00711	2.97%
Zn 206.200†	78477.6	2.440	mg/L	0.0618	2.440	mg/L	0.0618	2.53%
Sb 206.836†	365.4	0.2584	mg/L	0.00543	0.2584	mg/L	0.00543	2.10%
Pb 220.353†	1282.4	0.2454	mg/L	0.00138	0.2454	mg/L	0.00138	0.56%
Cd 226.502†	16249.9	0.1185	mg/L	0.00367	0.1185	mg/L	0.00367	3.10%
Co 228.616†	52990.5	2.523	mg/L	0.0705	2.523	mg/L	0.0705	2.79%
Ni 232.003†	38029.0	2.473	mg/L	0.0749	2.473	mg/L	0.0749	3.03%
Ba 233.527†	961077.6	10.24	mg/L	0.130	10.24	mg/L	0.130	1.27%
Mn 257.610†	1731501.4	2.503	mg/L	0.0321	2.503	mg/L	0.0321	1.28%
Cr 267.716†	149422.5	0.9997	mg/L	0.02613	0.9997	mg/L	0.02613	2.61%
Fe 273.955†	102948.3	4.922	mg/L	0.1463	4.922	mg/L	0.1463	2.97%
Mg 279.077†	445609.8	24.29	mg/L	0.310	24.29	mg/L	0.310	1.28%
V 292.402†	958982.5	2.478	mg/L	0.0373	2.478	mg/L	0.0373	1.50%
Al 308.215†	334457.8	9.720	mg/L	0.1187	9.720	mg/L	0.1187	1.22%
Be 313.107†	1395975.1	0.2516	mg/L	0.00417	0.2516	mg/L	0.00417	1.66%
Cu 324.752†	427607.4	1.240	mg/L	0.0166	1.240	mg/L	0.0166	1.34%
Ag 338.289†	259884.1	1.216	mg/L	0.0157	1.216	mg/L	0.0157	1.29%
Na 330.237†	33981.6	24.05	mg/L	0.713	24.05	mg/L	0.713	2.97%
Ca 227.546†	7518.2	24.29	mg/L	0.909	24.29	mg/L	0.909	3.74%
Al RADIAL†	22266.2	11.82	mg/L	0.280	11.82	mg/L	0.280	2.37%
Fe RADIAL†	585.4	5.096	mg/L	0.0295	5.096	mg/L	0.0295	0.58%
Ca RADIAL†	73885.4	25.17	mg/L	0.419	25.17	mg/L	0.419	1.67%
K RADIAL†	7760.0	5.299	mg/L	0.0831	5.299	mg/L	0.0831	1.57%
Mg RADIAL†	3116.4	26.71	mg/L	0.194	26.71	mg/L	0.194	0.73%
Na RADIAL†	552531.5	27.92	mg/L	0.012	27.92	mg/L	0.012	0.04%

Sequence No.: 67
Sample ID: CCB-6
Analyst: AC
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/5/2012 10:42:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-6

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18546651.8	4.937	mg/L	0.0085				0.17%
Y RADIAL	292512.7	4.858	mg/L	0.0362				0.74%
As 188.979†	0.2	0.0002	mg/L	0.00316	0.0002	mg/L	0.00316	>999.9%
Tl 190.801†	4.1	0.0032	mg/L	0.00078	0.0032	mg/L	0.00078	24.22%
Se 196.026†	3.8	0.0088	mg/L	0.01092	0.0088	mg/L	0.01092	123.64%
Zn 206.200†	0.3	0.0000	mg/L	0.00012	0.0000	mg/L	0.00012	>999.9%

Sb 206.836†	-4.7	-0.0033 mg/L	0.00320	-0.0033 mg/L	0.00320	95.47%
Pb 220.353†	-3.1	-0.0006 mg/L	0.00063	-0.0006 mg/L	0.00063	105.17%
Cd 226.502†	8.5	0.0001 mg/L	0.00010	0.0001 mg/L	0.00010	158.76%
Co 228.616†	-0.7	0.0000 mg/L	0.00025	0.0000 mg/L	0.00025	717.59%
Ni 232.003†	19.5	0.0013 mg/L	0.00071	0.0013 mg/L	0.00071	55.65%
Ba 233.527†	11.2	0.0001 mg/L	0.00004	0.0001 mg/L	0.00004	35.04%
Mn 257.610†	-25.8	0.0000 mg/L	0.00001	0.0000 mg/L	0.00001	22.10%
Cr 267.716†	4.7	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	83.06%
Fe 273.955†	29.3	0.0014 mg/L	0.00062	0.0014 mg/L	0.00062	44.41%
Mg 279.077†	7.5	0.0004 mg/L	0.00150	0.0004 mg/L	0.00150	367.65%
V 292.402†	37.9	0.0001 mg/L	0.00021	0.0001 mg/L	0.00021	218.05%
Al 308.215†	431.7	0.0125 mg/L	0.00439	0.0125 mg/L	0.00439	35.02%
Be 313.107†	99.8	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	154.44%
Cu 324.752†	49.6	0.0001 mg/L	0.00019	0.0001 mg/L	0.00019	133.01%
Ag 338.289†	-3.2	0.0000 mg/L	0.00028	0.0000 mg/L	0.00028	>999.9%
Na 330.237†	-47.1	-0.0333 mg/L	0.01957	-0.0333 mg/L	0.01957	58.84%
Ca 227.546†	-2.2	-0.0071 mg/L	0.01815	-0.0071 mg/L	0.01815	254.26%
Al RADIAL†	14.1	0.0075 mg/L	0.00325	0.0075 mg/L	0.00325	43.31%
Fe RADIAL†	-2.1	-0.0181 mg/L	0.01138	-0.0181 mg/L	0.01138	62.83%
Ca RADIAL†	6.0	0.0020 mg/L	0.00443	0.0020 mg/L	0.00443	217.49%
K RADIAL†	30.7	0.0209 mg/L	0.00832	0.0209 mg/L	0.00832	39.72%
Mg RADIAL†	4.5	0.0385 mg/L	0.01849	0.0385 mg/L	0.01849	47.96%
Na RADIAL†	-3454.8	-0.1746 mg/L	0.01277	-0.1746 mg/L	0.01277	7.31%

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water **(No Surrogate)**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0102-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0104-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0104-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water **(No Surrogate)**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0104-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0106-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0106-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water

(No Surrogate)

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0106-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0107-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0107-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0107-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0115-01	Iron by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0115-01	Iron, Dissolved by EPA 601	06/05/2012 14:3	MW	50	50					EPA 3010A	

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water **(No Surrogate)**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0115-02	Iron by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0115-02	Iron, Dissolved by EPA 601	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0116-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Iron, Dissolved by EPA 601	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0116-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Iron by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
BF20112-BLK1	QC	06/05/2012 14:3	MW	50	50					EPA 3010A	
BF20112-DUP1	QC	06/05/2012 14:3	MW	50	50		12F0116-01			EPA 3010A	
BF20112-MS1	QC	06/05/2012 14:3	MW	50	50	Y12C034	12F0116-01	500		EPA 3010A	
BF20112-SRM1	QC	06/05/2012 14:3	MW	50	50	Y12D004		50000		EPA 3010A	

Batch Comments:

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: WET
METHOD: SM 2540C

DATA PACKAGE COVER PAGE

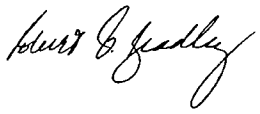
SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Robert Q. Bradley

Date: 6/11/2012 Title: Executive Vice President & Laboratory Director

METHOD DETECTION AND REPORTING LIMITS

SM 2540C

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
Total Dissolved Solids	1.00	1.00	mg/L

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540C

WQ053012:1325NP2-10

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Matrix: Water Laboratory ID: 12F0116-01 File ID:

Sampled: 05/30/12 13:25 Prepared: 06/06/12 10:30 Analyzed: 06/07/12 17:30

Solids: 0.00 Preparation: % Solids Prep Initial/Final: 1 mL / 1 mL

Batch: BF20135 Sequence: Calibration: Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
	Total Dissolved Solids	132	1		SM 2540C

FORM IV **PREPARATION BATCH SUMMARY**

SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20135 Batch Matrix: Water Preparation: % Solids Prep

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01		06/06/12 10:30	
Blank	BF20135-BLK1		06/06/12 10:30	
WQ053012:1325NP2-10	BF20135-DUP1		06/06/12 10:30	

WQ053012:1325NP2-10

DUPLICATES

SM 2540C

Laboratory: York Analytical Laboratories, Inc.

Client: Leggette Brashears & Graham Shelton Office

Matrix: Water

Batch: BF20135

Preparation: % Solids Prep

Source Sample Name: WQ053012:1325NP2-10

SDG: 12F0116

Project: Rowe Industries

Laboratory ID: BF20135-DUP1

Lab Source ID: 12F0116-01

Initial/Final: 1 mL / 1 mL

% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Total Dissolved Solids	15	132		129		2.30		SM 2540C

* Values outside of QC limits

FORM V **ANALYSIS BATCH (SEQUENCE) SUMMARY**

SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sequence: Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
WQ053012:1325NP2-10	12F0116-01		06/07/12 17:30
WQ053012:1325NP2-10	BF20135-DUP1		06/07/12 17:30
Blank	BF20135-BLK1		06/07/12 17:30

HOLDING TIME SUMMARY

SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/06/12 10:30	6.88	7.00	06/07/12 17:30	1.29	8.00	

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: VOA
METHOD: EPA SW846-8260B

DATA PACKAGE COVER PAGE

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.

SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office

Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature: 

Name: Robert Q. Bradley

Date: 6/11/2012

Title: Executive Vice President & Laboratory Director

FORM II

SURROGATE STANDARD RECOVERY AND RT SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Sequence:
Instrument:
Matrix: Water
Calibration:

Surrogate Compound	Spike Level ug/L	% Recovery	Recovery Limits	RT	Calibration Mean RT	RT Diff	RT Diff Limit	Q
LCS (BF20125-BS1)			Lab File ID: V385420L.D		Analyzed: 06/06/12 04:00			
1,2-Dichloroethane-d4	10.0	104	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	90.3	63.5 - 145	9.23				
Toluene-d8	10.0	96.2	81.2 - 127	6.53				
LCS Dup (BF20125-BSD1)			Lab File ID: V385422U.D		Analyzed: 06/06/12 04:52			
1,2-Dichloroethane-d4	10.0	106	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	91.6	63.5 - 145	9.23				
Toluene-d8	10.0	96.8	81.2 - 127	6.53				
Blank (BF20125-BLK1)			Lab File ID: V385424B.D		Analyzed: 06/06/12 05:42			
1,2-Dichloroethane-d4	10.0	103	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	93.9	63.5 - 145	9.23				
Toluene-d8	10.0	100	81.2 - 127	6.53				
WQ053012:1325NP2-10 (12F0116-01)			Lab File ID: V385430W.D		Analyzed: 06/06/12 08:16			
1,2-Dichloroethane-d4	10.0	101	72.6 - 129	4.74				
p-Bromofluorobenzene	10.0	99.0	63.5 - 145	9.23				
Toluene-d8	10.0	102	81.2 - 127	6.53				

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.8	108	82.3 - 130
1,1,1-Trichloroethane	10.0	10.9	109	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	8.90	89.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.2	102	71.1 - 129
1,1,2-Trichloroethane	10.0	10.8	108	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	79.6 - 132
1,1-Dichloroethylene	10.0	10.5	105	80.2 - 146
1,1-Dichloropropylene	10.0	11.9	119	75 - 136
1,2,3-Trichlorobenzene	10.0	12.5	125	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.6	126	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.65	96.5	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	10.6	106	58.9 - 140
1,2-Dibromoethane	10.0	11.1	111	79 - 130
1,2-Dichlorobenzene	10.0	9.64	96.4	76.1 - 122
1,2-Dichloroethane	10.0	11.4	114	74.6 - 132
1,2-Dichloropropane	10.0	10.4	104	76.9 - 129
1,3,5-Trimethylbenzene	10.0	8.72	87.2	70.6 - 127
1,3-Dichlorobenzene	10.0	9.33	93.3	77 - 124
1,3-Dichloropropane	10.0	10.9	109	75.8 - 126
1,4-Dichlorobenzene	10.0	9.79	97.9	76.6 - 125
2,2-Dichloropropane	10.0	9.64	96.4	69 - 133
2-Chlorotoluene	10.0	8.91	89.1	66.3 - 119
2-Hexanone	10.0	11.4	114	70 - 130
4-Chlorotoluene	10.0	8.95	89.5	69.2 - 127
Acetone	10.0	7.99	79.9	70 - 130
Benzene	10.0	10.6	106	76.2 - 129
Bromobenzene	10.0	9.00	90.0	71.3 - 123
Bromochloromethane	10.0	10.9	109	70.8 - 137
Bromodichloromethane	10.0	11.5	115	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	10.3	103	70.5 - 141
Bromomethane	10.0	9.56	95.6	43.9 - 147
Carbon tetrachloride	10.0	12.1	121	78.1 - 138
Chlorobenzene	10.0	10.4	104	80.4 - 125
Chloroethane	10.0	9.15	91.5	55.8 - 140
Chloroform	10.0	10.8	108	76.6 - 133
Chloromethane	10.0	8.52	85.2	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.6	106	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.2	102	74.5 - 128
Dibromochloromethane	10.0	11.9	119	79.8 - 134
Dibromomethane	10.0	11.1	111	79 - 130
Dichlorodifluoromethane	10.0	7.10	71.0	47.1 - 101
Ethyl Benzene	10.0	11.1	111	80.8 - 128
Hexachlorobutadiene	10.0	10.8	108	64.8 - 128
Isopropylbenzene	10.0	9.50	95.0	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	10.7	107	65.1 - 140
Methylene chloride	10.0	6.27	62.7	61.3 - 120
Naphthalene	10.0	12.0	120	62.3 - 148
n-Butylbenzene	10.0	9.72	97.2	67.2 - 123
n-Propylbenzene	10.0	9.18	91.8	70.5 - 127
o-Xylene	10.0	10.2	102	75.9 - 122
p- & m- Xylenes	20.0	21.0	105	77.7 - 127
p-Isopropyltoluene	10.0	9.86	98.6	75.6 - 129
sec-Butylbenzene	10.0	9.07	90.7	71.5 - 125
Styrene	10.0	10.6	106	77.8 - 123
tert-Butylbenzene	10.0	8.96	89.6	75.9 - 151
Tetrachloroethylene	10.0	11.1	111	63.6 - 167
Toluene	10.0	10.4	104	77 - 123
trans-1,2-Dichloroethylene	10.0	10.3	103	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.2	112	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	10.5	105	77.9 - 130
Trichlorofluoromethane	10.0	9.54	95.4	57.4 - 133
Vinyl Chloride	10.0	8.77	87.7	54.9 - 124

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.9	109	1.39	21.1	82.3 - 130
1,1,1-Trichloroethane	10.0	10.7	107	1.85	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	9.16	91.6	2.88	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.3	103	0.881	21.7	71.1 - 129
1,1,2-Trichloroethane	10.0	10.6	106	1.96	20.3	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	0.374	20.6	79.6 - 132
1,1-Dichloroethylene	10.0	10.3	103	2.02	20	80.2 - 146
1,1-Dichloropropylene	10.0	9.03	90.3	27.5 *	19.3	75 - 136
1,2,3-Trichlorobenzene	10.0	12.1	121	3.24	21.6	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	0.00	23.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.0	120	5.37	21.7	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.92	99.2	2.76	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	11.7	117	10.3	27.7	58.9 - 140
1,2-Dibromoethane	10.0	11.0	110	1.09	23	79 - 130
1,2-Dichlorobenzene	10.0	9.62	96.2	0.208	19.8	76.1 - 122
1,2-Dichloroethane	10.0	11.2	112	1.77	20.2	74.6 - 132
1,2-Dichloropropane	10.0	10.3	103	0.387	20.7	76.9 - 129
1,3,5-Trimethylbenzene	10.0	9.67	96.7	10.3	18.9	70.6 - 127
1,3-Dichlorobenzene	10.0	9.58	95.8	2.64	19.2	77 - 124
1,3-Dichloropropane	10.0	10.6	106	2.78	22.1	75.8 - 126
1,4-Dichlorobenzene	10.0	9.57	95.7	2.27	18.6	76.6 - 125
2,2-Dichloropropane	10.0	9.22	92.2	4.45	19.8	69 - 133
2-Chlorotoluene	10.0	9.15	91.5	2.66	21.6	66.3 - 119
2-Hexanone	10.0	11.4	114	0.0878	30	70 - 130
4-Chlorotoluene	10.0	9.29	92.9	3.73	19	69.2 - 127
Acetone	10.0	7.76	77.6	2.92	30	70 - 130
Benzene	10.0	10.5	105	1.14	19	76.2 - 129
Bromobenzene	10.0	9.14	91.4	1.54	20.3	71.3 - 123
Bromochloromethane	10.0	10.2	102	5.97	23.9	70.8 - 137
Bromodichloromethane	10.0	11.7	117	1.46	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	10.5	105	2.02	21.8	70.5 - 141
Bromomethane	10.0	10.1	101	5.69	28.4	43.9 - 147
Carbon tetrachloride	10.0	9.67	96.7	22.2 *	20.1	78.1 - 138
Chlorobenzene	10.0	10.4	104	0.192	19.9	80.4 - 125
Chloroethane	10.0	9.25	92.5	1.09	23.3	55.8 - 140
Chloroform	10.0	10.6	106	1.59	20.3	76.6 - 133
Chloromethane	10.0	8.44	84.4	0.943	24.5	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.4	104	1.90	20.5	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.3	103	1.56	19.9	74.5 - 128
Dibromochloromethane	10.0	11.7	117	1.35	21.3	79.8 - 134
Dibromomethane	10.0	11.0	110	1.27	22.4	79 - 130
Dichlorodifluoromethane	10.0	6.68	66.8	6.10	23.9	47.1 - 101
Ethyl Benzene	10.0	11.2	112	1.34	19.2	80.8 - 128
Hexachlorobutadiene	10.0	11.1	111	2.64	20.6	64.8 - 128
Isopropylbenzene	10.0	9.93	99.3	4.43	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	4.03	23.6	65.1 - 140
Methylene chloride	10.0	6.20	62.0	1.12	20.4	61.3 - 120
Naphthalene	10.0	11.4	114	5.64	27.1	62.3 - 148
n-Butylbenzene	10.0	9.83	98.3	1.13	19.1	67.2 - 123
n-Propylbenzene	10.0	9.60	96.0	4.47	23.4	70.5 - 127
o-Xylene	10.0	10.2	102	0.392	19.3	75.9 - 122
p- & m- Xylenes	20.0	21.2	106	0.947	18.6	77.7 - 127
p-Isopropyltoluene	10.0	9.98	99.8	1.21	19.1	75.6 - 129
sec-Butylbenzene	10.0	9.51	95.1	4.74	18.9	71.5 - 125
Styrene	10.0	10.4	104	2.01	20.9	77.8 - 123
tert-Butylbenzene	10.0	9.24	92.4	3.08	20.9	75.9 - 151
Tetrachloroethylene	10.0	12.2	122	9.42	27.7	63.6 - 167
Toluene	10.0	10.5	105	0.671	18.7	77 - 123
trans-1,2-Dichloroethylene	10.0	9.97	99.7	3.55	19.5	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.3	113	0.445	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	10.0	10.6	106	1.33	20.5	77.9 - 130
Trichlorofluoromethane	10.0	9.50	95.0	0.420	21.4	57.4 - 133
Vinyl Chloride	10.0	8.64	86.4	1.49	22.3	54.9 - 124

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV

PREPARATION BATCH SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20125 Batch Matrix: Water Preparation: EPA 5030B

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01	V385430W.D	06/05/12 16:35	
Blank	BF20125-BLK1	V385424B.D	06/05/12 08:35	
LCS	BF20125-BS1	V385420L.D	06/05/12 08:35	
LCS Dup	BF20125-BSD1	V385422U.D	06/05/12 08:35	

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham Shelton Office
Lab File ID: V384930B.D
Instrument ID: VOA No. 3
Calibration: V3RCPB47.M

SDG: 12F0116
Project: Rowe Industries
BFB Injection Date: 05/18/12
BFB InjectionTime: 13:03

m/e	Ion Abundance Criteria	% Relative Abundance	
50	10.0-40.0% of mass 95	16.1	
75	30.0-66.0% of mass 95	37.3	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.4	
173	Less than 2.0% of mass 174	0.1	(74.7) 1
174	50.0-100.0% of mass 95	74.7	
175	5.0-9.0% of mass 174	6.7	(74.7) 1
176	95.0-101.0% of mass 174	97.7	(74.7) 1
177	5.0-9.0% of mass 176	6.2	(97.7) 2

1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		.5 ppb VOA CALIBRATION STD DW	V384932C.D	05/18/12	13:48
2		2.0 ppb VOA CALIBRATION STD DW	V384934C.D	05/18/12	14:33
3		4.0 ppb VOA CALIBRATION STD DW	V384936C.D	05/18/12	15:17
4		10.0 ppb VOA CALIBRATION STD DW	V384938C.D	05/18/12	16:02
5		20 ppb VOA CALIBRATION STD DW	V384940C.D	05/18/12	16:47
6		40 ppb VOA CALIBRATION STD DW	V384942C.D	05/18/12	17:38
7		10 ppb VOA ICV STD DW	V384946CD	05/18/12	19:07
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Form 5A

Volatile Organic Instrument Performance Check

Bromofluorobenzene (BFB)

Lab Name: York Analytical Laboratories, Inc.
Client: Leggette Brashears & Graham Shelton Office
Lab File ID: V385418C.D
Instrument ID: VOA No. 3
Calibration: V3RCPB47.M

SDG: 12F0116
Project: Rowe Industries
BFB Injection Date: 06/06/12
BFB InjectionTime: 03:09

m/e	Ion Abundance Criteria	% Relative Abundance	
50	10.0-40.0% of mass 95	15.4	
75	30.0-66.0% of mass 95	36.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0-9.0% of mass 95	6.6	
173	Less than 2.0% of mass 174	0.4	(76.7) 1
174	50.0-100.0% of mass 95	76.7	
175	5.0-9.0% of mass 174	7.1	(76.7) 1
176	95.0-101.0% of mass 174	97.2	(76.7) 1
177	5.0-9.0% of mass 176	6.3	(97.2) 2

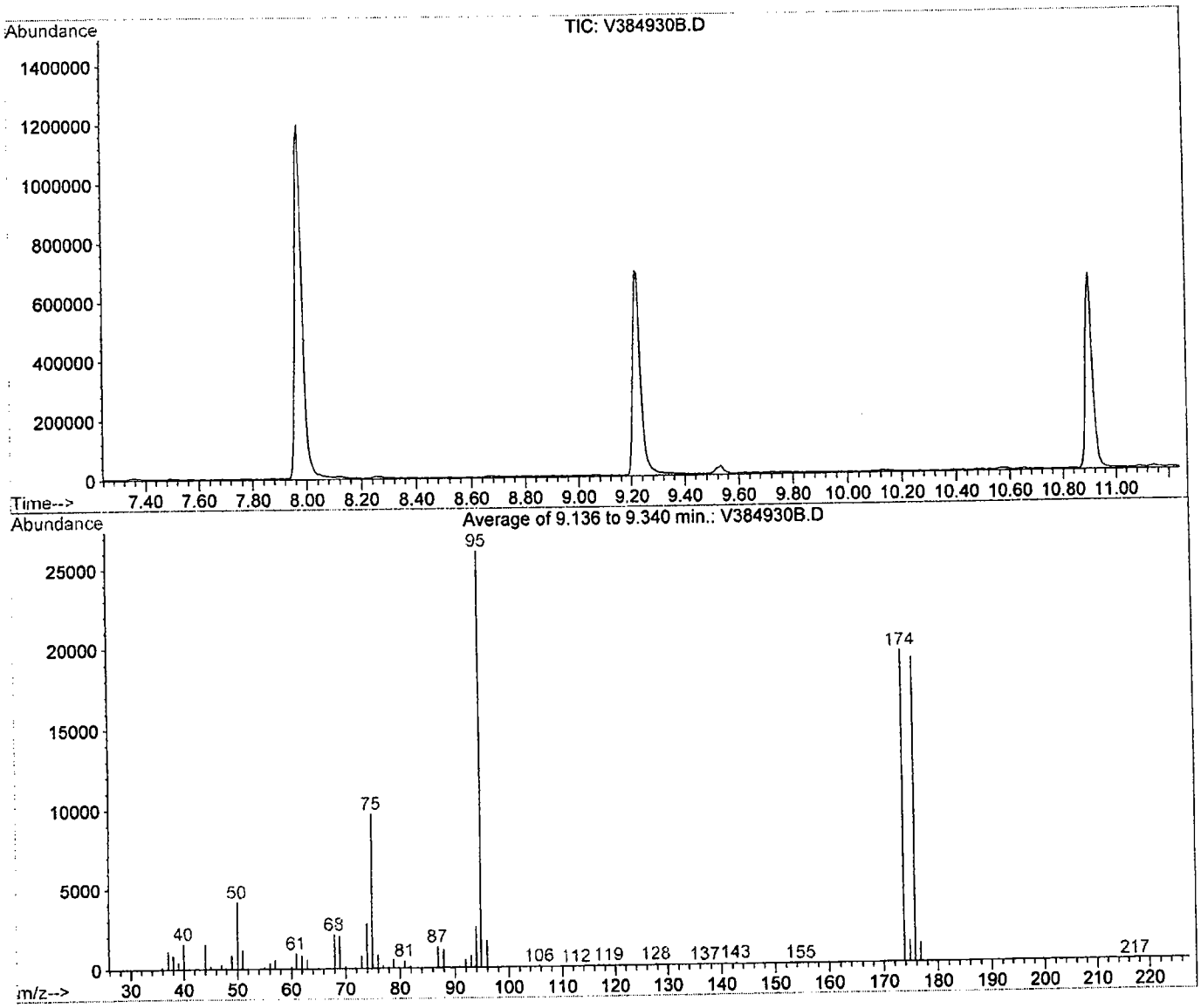
1- Value is % mass 174

2-Value is % mass 176

This check applies to the following samples, MS, MSD, blanks and standards

	Client Sample ID	Lab Sample ID	Lab File ID	Date Analyzed	Time Analyzed
1		BF20125-BS1	V385420L.D	06/06/12	04:00
2		BF20125-BSD1	V385422U.D	06/06/12	04:52
3		BF20125-BLK1	V385424B.D	06/06/12	05:42
4	WQ053012:1325NP2-10	12F0116-01	V385430W.D	06/06/12	08:16
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384930B.D Vial: 4
Acq On : 18 May 2012 1:03 pm Operator: SS
Sample : VOA METHOD BLANK STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260

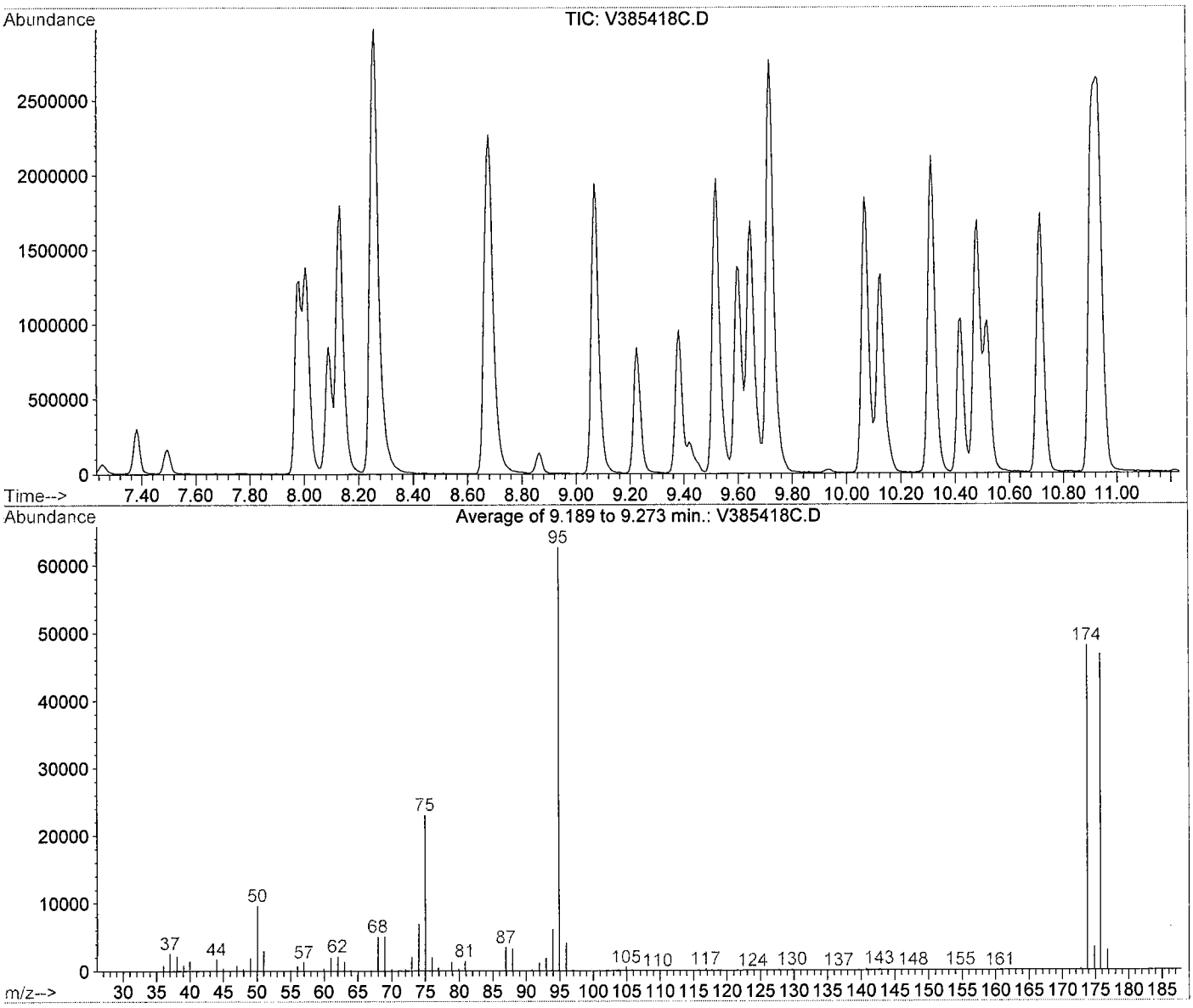


Spectrum Information: Average of 9.136 to 9.340 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	10	40	16.1	4215	PASS
75	95	30	66	37.3	9727	PASS
95	95	100	100	100.0	26108	PASS
96	95	5	9	6.4	1675	PASS
173	174	0.00	2	0.1	15	PASS
174	95	50	100	74.7	19494	PASS
175	174	5	9	6.7	1309	PASS
176	174	95	101	97.7	19047	PASS
177	176	5	9	6.2	1184	PASS

V384930B.D V3RCPB47.M Fri May 25 15:15:53 2012

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260



Spectrum Information: Average of 9.189 to 9.273 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	10	40	15.4	9675	PASS
75	95	30	66	36.8	23092	PASS
95	95	100	100	100.0	62710	PASS
96	95	5	9	6.6	4153	PASS
173	174	0.00	2	0.4	186	PASS
174	95	50	100	76.7	48087	PASS
175	174	5	9	7.1	3420	PASS
176	174	95	101	97.2	46734	PASS
177	176	5	9	6.3	2922	PASS

V385418C.D V3RCPB47.M Fri Jun 08 16:08:43 2012

Form 8A

Volatile Internal Standard Area and RT Summary

Lab Name: York Analytical Laboratories, Inc
Client: Leggette Brashears & Graham Shelton Office
Sequence: QBV3060512BB
Calibration: V3RCPB47
Lab File ID: V385418C.D

SDG No: 12F0116
Project: Rowe Industries
Instrument: VOA No. 3
Date Analyzed: 06/06/12
Time Analyzed: 03:09

	IS 1 (FBZ) Area	RT	IS 2 (CBZ) Area	RT	IS 3 (DCB) Area	RT
12 Hour Std	184396	5.05	834920	7.98	219285	10.90
Upper Limit	368792	5.55	1669840	8.48	438570	11.40
Lower Limit	92198	4.55	417460	7.48	109643	10.40
Client Sample ID						
BF20125-BS1	194795	5.05	866612	7.98	241440	10.91
BF20125-BSD1	186743	5.04	815902	7.98	217928	10.90
BF20125BLK1	205639	5.06	884391	7.98	237230	10.91
WQ053012:1325NP2-10	200768	5.05	848665	7.98	210592	10.91

IS 1 (FBZ) = Fluorobenzene
IS 2 (CBZ) = Chlorobenzene-d5
IS 3 (DCB) = 1,2-Dichlorobenzene-d4

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 Upper Limit -0.50 minutes of internal standard RT

* = Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
1,1,1,2-Tetrachloroethane	0.055	0.50	ug/L
1,1,1-Trichloroethane	0.043	0.50	ug/L
1,1,2,2-Tetrachloroethane	0.078	0.50	ug/L
1,1,2-Trichloro-1,2,2-trifluoroethane (Fr	0.072	0.50	ug/L
1,1,2-Trichloroethane	0.096	0.50	ug/L
1,1-Dichloroethane	0.056	0.50	ug/L
1,1-Dichloroethylene	0.057	0.50	ug/L
1,1-Dichloropropylene	0.077	0.50	ug/L
1,2,3-Trichlorobenzene	0.082	2.0	ug/L
1,2,3-Trichloropropane	0.26	0.50	ug/L
1,2,4-Trichlorobenzene	0.067	2.0	ug/L
1,2,4-Trimethylbenzene	0.063	0.50	ug/L
1,2-Dibromo-3-chloropropane	0.48	2.0	ug/L
1,2-Dibromoethane	0.096	0.50	ug/L
1,2-Dichlorobenzene	0.065	0.50	ug/L
1,2-Dichloroethane	0.072	0.50	ug/L
1,2-Dichloropropane	0.069	0.50	ug/L
1,3,5-Trimethylbenzene	0.038	0.50	ug/L
1,3-Dichlorobenzene	0.050	0.50	ug/L
1,3-Dichloropropane	0.074	0.50	ug/L
1,4-Dichlorobenzene	0.037	0.50	ug/L
2,2-Dichloropropane	0.057	0.50	ug/L
2-Chlorotoluene	0.090	0.50	ug/L
2-Hexanone	0.089	0.50	ug/L
4-Chlorotoluene	0.057	0.50	ug/L
Acetone	1.1	2.0	ug/L
Benzene	0.039	0.50	ug/L
Bromobenzene	0.079	0.50	ug/L
Bromochloromethane	0.092	0.50	ug/L
Bromodichloromethane	0.044	0.50	ug/L
Bromoform	0.10	0.50	ug/L
Bromomethane	0.19	0.50	ug/L
Carbon tetrachloride	0.045	0.50	ug/L
Chlorobenzene	0.028	0.50	ug/L
Chloroethane	0.094	0.50	ug/L
Chloroform	0.051	0.50	ug/L
Chloromethane	0.045	0.50	ug/L

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
cis-1,2-Dichloroethylene	0.030	0.50	ug/L
cis-1,3-Dichloropropylene	0.060	0.50	ug/L
Dibromochloromethane	0.040	0.50	ug/L
Dibromomethane	0.046	0.50	ug/L
Dichlorodifluoromethane	0.12	0.50	ug/L
Ethyl Benzene	0.036	0.50	ug/L
Hexachlorobutadiene	0.052	0.50	ug/L
Isopropylbenzene	0.090	0.50	ug/L
Methyl tert-butyl ether (MTBE)	0.081	0.50	ug/L
Methylene chloride	0.12	2.0	ug/L
Naphthalene	0.040	2.0	ug/L
n-Butylbenzene	0.028	0.50	ug/L
n-Propylbenzene	0.075	0.50	ug/L
o-Xylene	0.031	0.50	ug/L
p- & m- Xylenes	0.086	1.0	ug/L
p-Isopropyltoluene	0.072	0.50	ug/L
sec-Butylbenzene	0.066	0.50	ug/L
Styrene	0.030	0.50	ug/L
tert-Butylbenzene	0.046	0.50	ug/L
Tetrachloroethylene	0.054	0.50	ug/L
Toluene	0.063	0.50	ug/L
trans-1,2-Dichloroethylene	0.055	0.50	ug/L
trans-1,3-Dichloropropylene	0.044	0.50	ug/L
Trichloroethylene	0.067	0.50	ug/L
Trichlorofluoromethane	0.035	0.50	ug/L
Vinyl Chloride	0.060	0.50	ug/L
Xylenes, Total	0.12	1.5	ug/L

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	12F0116-01	File ID:	V385430W.D
Sampled:	05/30/12 13:25	Prepared:	06/05/12 16:35	Analyzed:	06/06/12 08:16
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF20125	Sequence:		Calibration:	Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	1	0.50	U
71-55-6	1,1,1-Trichloroethane	1	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	1	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	1	0.50	U
79-00-5	1,1,2-Trichloroethane	1	0.50	U
75-34-3	1,1-Dichloroethane	1	0.50	U
75-35-4	1,1-Dichloroethylene	1	0.50	U
563-58-6	1,1-Dichloropropylene	1	0.50	U
87-61-6	1,2,3-Trichlorobenzene	1	2.0	U
96-18-4	1,2,3-Trichloropropane	1	0.50	U
120-82-1	1,2,4-Trichlorobenzene	1	2.0	U
95-63-6	1,2,4-Trimethylbenzene	1	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	1	2.0	U
106-93-4	1,2-Dibromoethane	1	0.50	U
95-50-1	1,2-Dichlorobenzene	1	0.50	U
107-06-2	1,2-Dichloroethane	1	0.50	U
78-87-5	1,2-Dichloropropane	1	0.50	U
108-67-8	1,3,5-Trimethylbenzene	1	0.50	U
541-73-1	1,3-Dichlorobenzene	1	0.50	U
142-28-9	1,3-Dichloropropane	1	0.50	U
106-46-7	1,4-Dichlorobenzene	1	0.50	U
594-20-7	2,2-Dichloropropane	1	0.50	U
95-49-8	2-Chlorotoluene	1	0.50	U
591-78-6	2-Hexanone	1	0.50	U
106-43-4	4-Chlorotoluene	1	0.50	U
67-64-1	Acetone	1	1.3	JB
71-43-2	Benzene	1	0.50	U
108-86-1	Bromobenzene	1	0.50	U
74-97-5	Bromochloromethane	1	0.50	U
75-27-4	Bromodichloromethane	1	0.50	U
75-25-2	Bromoform	1	0.50	U
74-83-9	Bromomethane	1	0.50	U
56-23-5	Carbon tetrachloride	1	0.50	U
108-90-7	Chlorobenzene	1	0.50	U
75-00-3	Chloroethane	1	0.50	U
67-66-3	Chloroform	1	0.50	U
74-87-3	Chloromethane	1	0.50	U
156-59-2	cis-1,2-Dichloroethylene	1	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	1	0.50	U
124-48-1	Dibromochloromethane	1	0.16	J

FORM I

ORGANIC ANALYSIS DATA SHEET

EPA SW846-8260B

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	12F0116-01	File ID:	V385430W.D
Sampled:	05/30/12 13:25	Prepared:	06/05/12 16:35	Analyzed:	06/06/12 08:16
Solids:		Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Batch:	BF20125	Sequence:		Calibration:	Instrument: VOA No. 3

CAS NO.	COMPOUND	DILUTION	CONC. (ug/L)	Q
74-95-3	Dibromomethane	1	0.50	U
75-71-8	Dichlorodifluoromethane	1	0.50	U
100-41-4	Ethyl Benzene	1	0.50	U
87-68-3	Hexachlorobutadiene	1	0.50	U
98-82-8	Isopropylbenzene	1	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	1	0.50	U
75-09-2	Methylene chloride	1	0.39	JB
91-20-3	Naphthalene	1	2.0	U
104-51-8	n-Butylbenzene	1	0.50	U
103-65-1	n-Propylbenzene	1	0.50	U
95-47-6	o-Xylene	1	0.50	U
1330-20-7P/M	p- & m- Xylenes	1	1.0	U
99-87-6	p-Isopropyltoluene	1	0.50	U
135-98-8	sec-Butylbenzene	1	0.50	U
100-42-5	Styrene	1	0.50	U
98-06-6	tert-Butylbenzene	1	0.50	U
127-18-4	Tetrachloroethylene	1	0.50	U
108-88-3	Toluene	1	0.50	U
156-60-5	trans-1,2-Dichloroethylene	1	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	1	0.50	U
79-01-6	Trichloroethylene	1	0.50	U
75-69-4	Trichlorofluoromethane	1	0.50	U
75-01-4	Vinyl Chloride	1	0.50	U
1330-20-7	Xylenes, Total	1	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.1	101	72.6 - 129	
p-Bromofluorobenzene	10.0	9.90	99.0	63.5 - 145	
Toluene-d8	10.0	10.2	102	81.2 - 127	

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385430W.D Vial: 39
Acq On : 6 Jun 2012 8:16 am Operator: SS
Sample : 12F0116-01 Inst : VOA No. 3
Misc : QBV3060512B 8260LO ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:05 19112 Quant Results File: V3RCPB47.RE

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

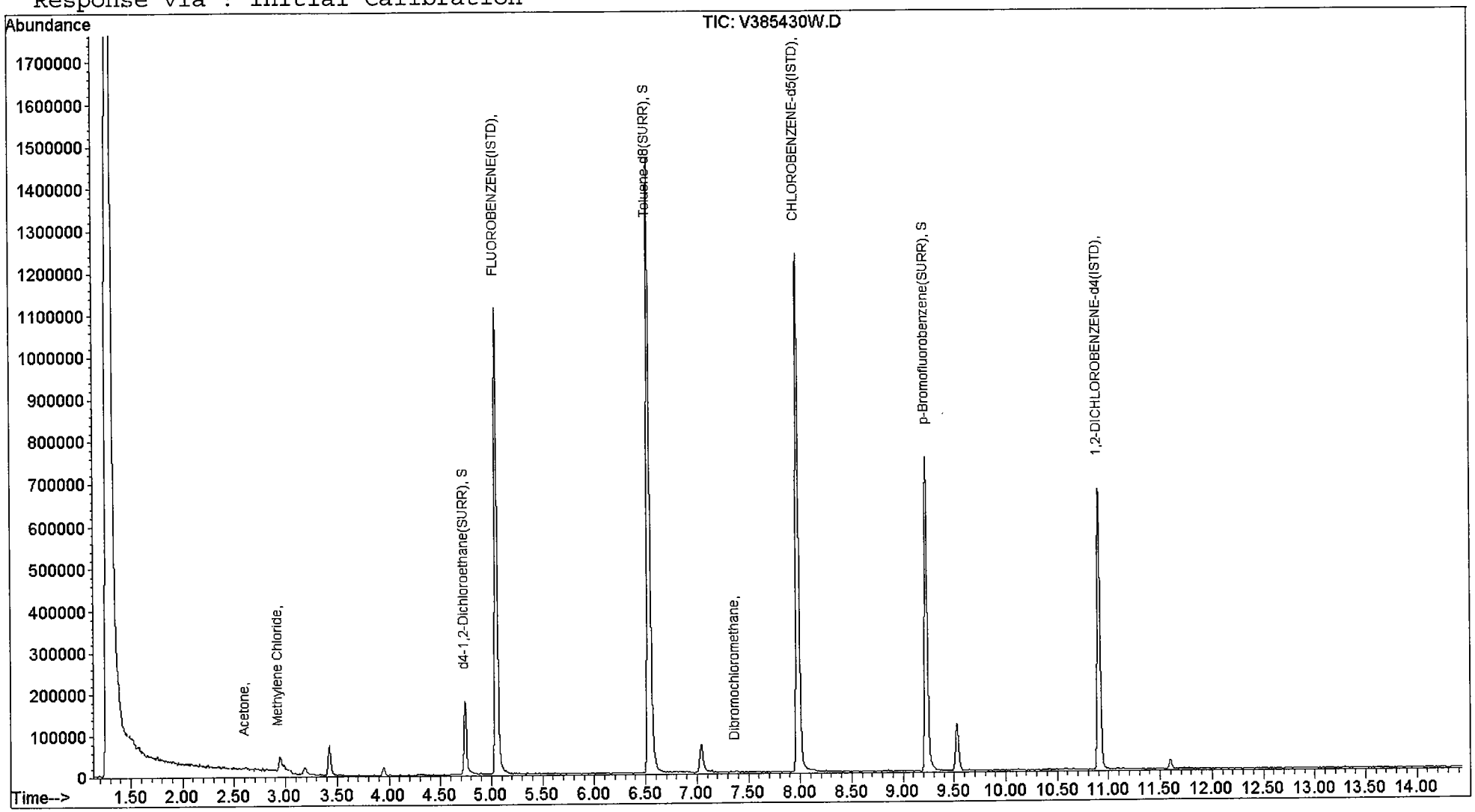
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	200768	10.00	ppb	0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	848665	10.00	ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.91	152	210592	10.00	ppb	0.00
System Monitoring Compounds						
31) d4-1,2-Dichloroethane(SURR	4.74	65	99281	10.09	ppb	0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 100.90%			
44) Toluene-d8(SURR)	6.53	98	1108637	10.17	ppb	0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 101.70%			
61) p-Bromofluorobenzene(SURR)	9.23	174	263489	9.90	ppb	0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 99.00%			
Target Compounds						Qvalue
16) Methylene Chloride	2.95	49	18563	0.39	ppb	# 65
19) Acetone	2.60	43	5971	1.26	ppb	# 87
51) Dibromochloromethane	7.38	129	2122	0.16	ppb	# 60

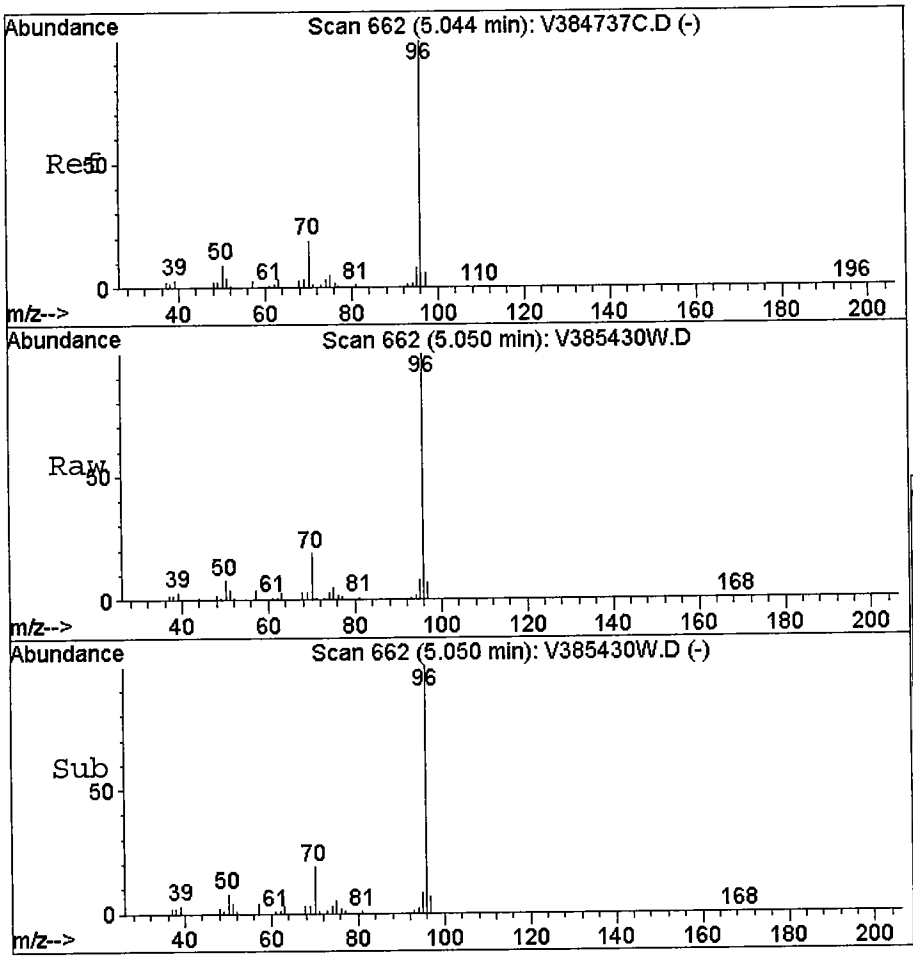
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385430W.D Vial: 39
Acq On : 6 Jun 2012 8:16 am Operator: SS
Sample : 12F0116-01 Inst : VOA No. 3
Misc : QBV3060512B 8260LO ASPB Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:05 19112 Quant Results File: V3RCPB47.RES

Method : G:\MSVOA3~1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

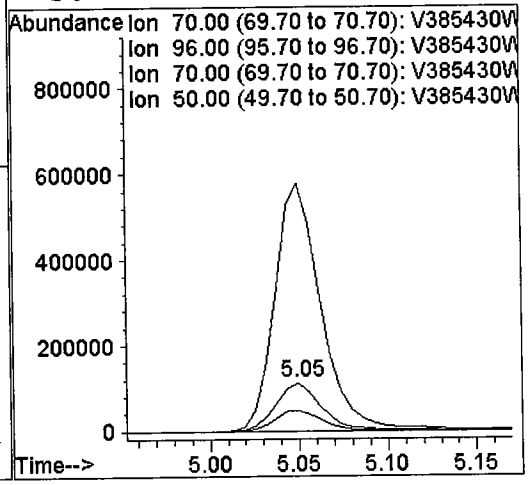


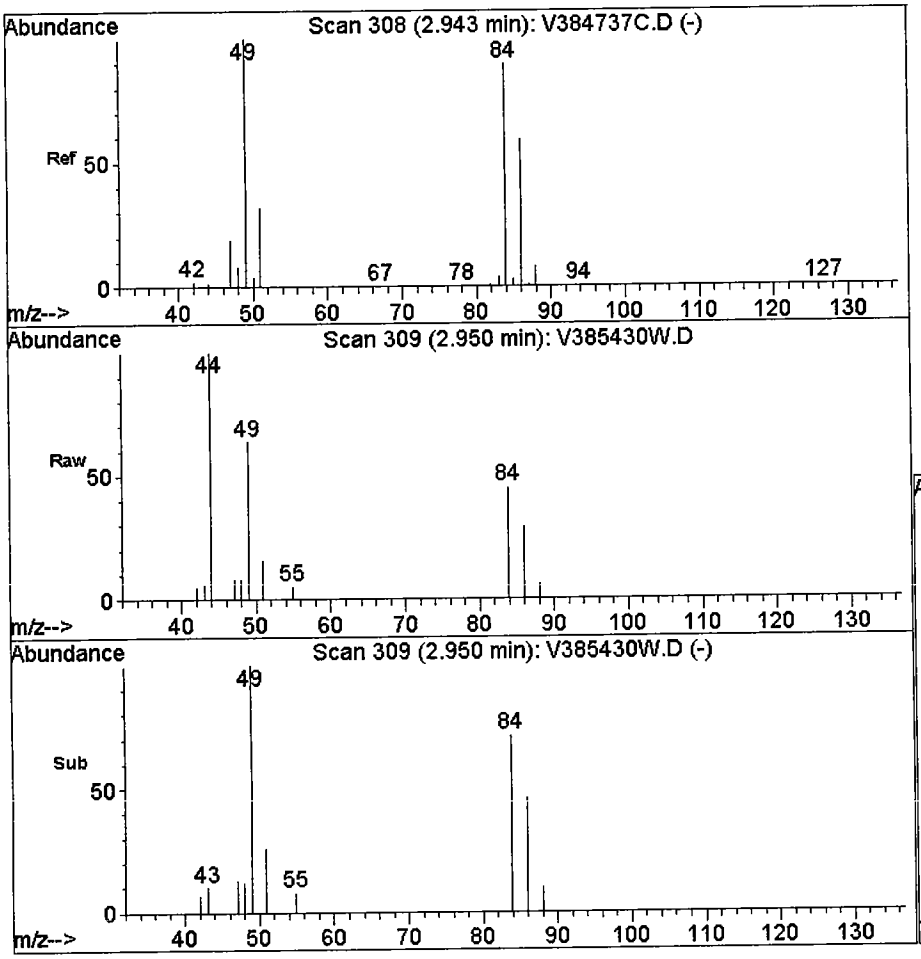


#1
FLUOROBENZENE(ISTD)
Concen: 10.00 ppb
RT: 5.05 min Scan# 662
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 70 Resp: 200768

Ion	Ratio	Lower	Upper
70	100		
96	515.2	414.8	622.2
70	100.0	80.0	120.0
50	0.0	0.0	0.0

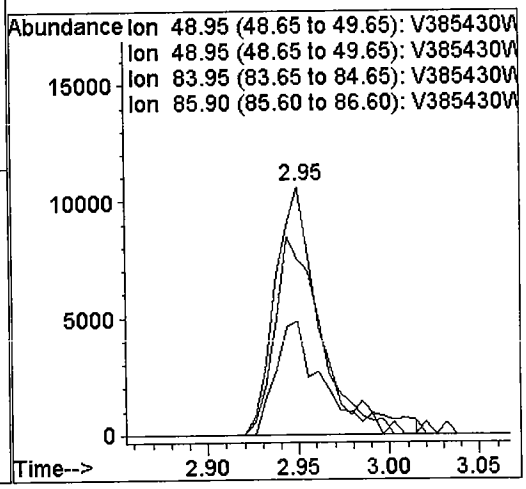


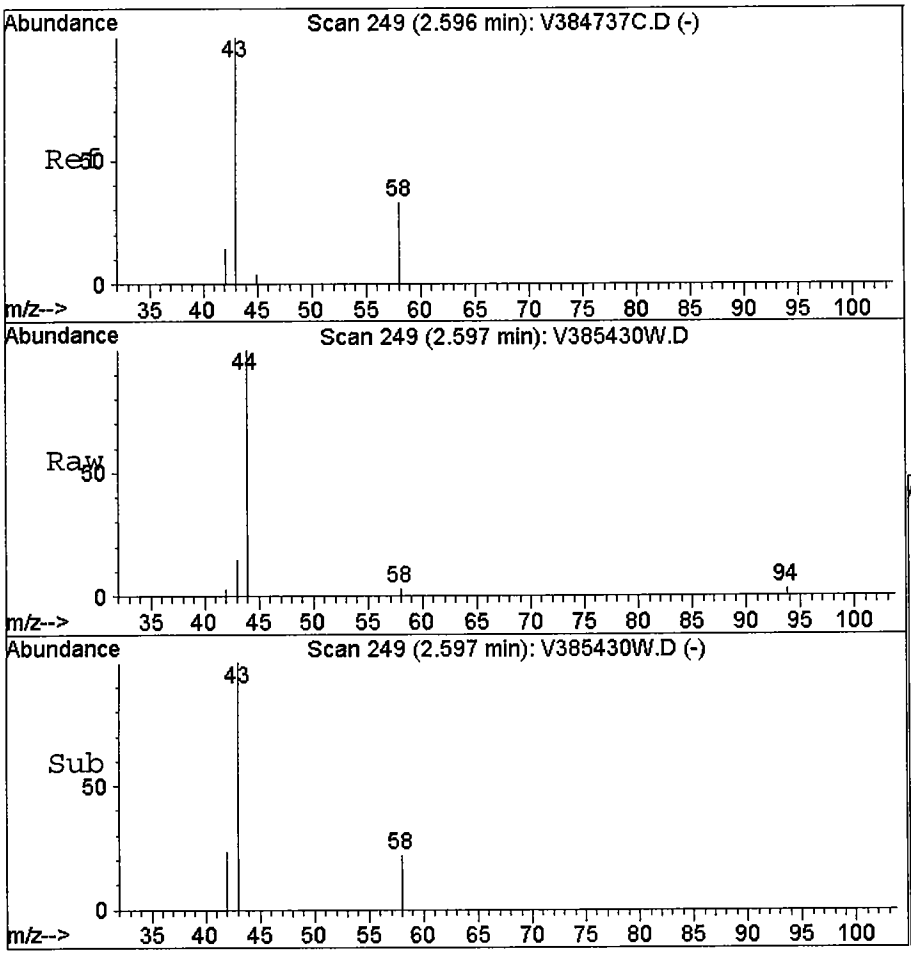


#16
Methylene Chloride
Concen: 0.39 ppb
RT: 2.95 min Scan# 309
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 49 Resp: 18563

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	0.0	68.4	102.6#
86	47.3	42.5	63.7

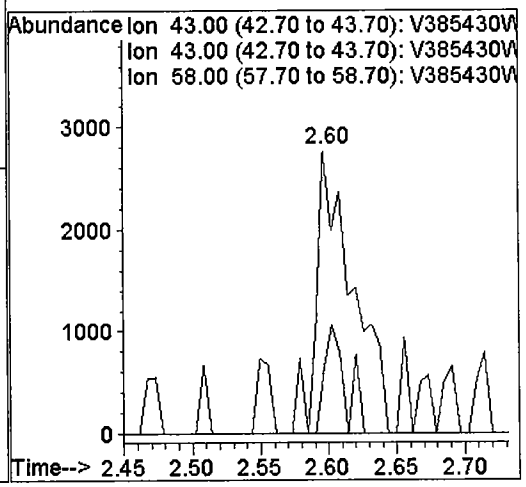


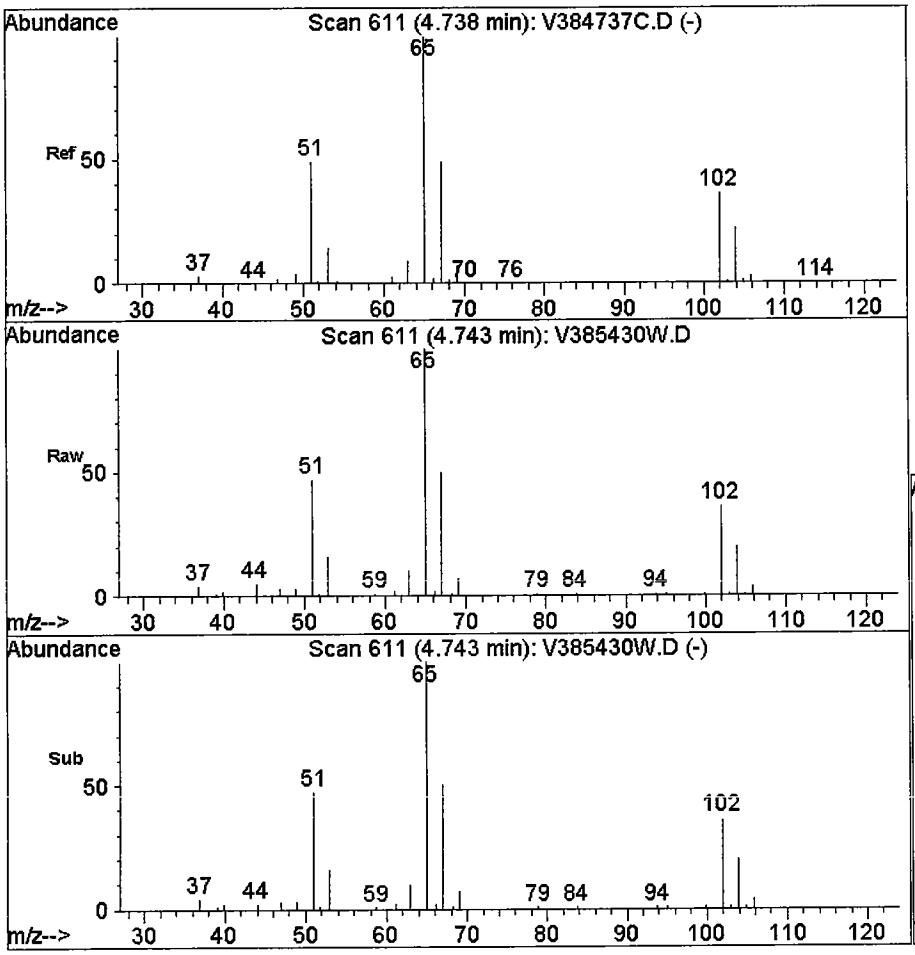


#19
Acetone
Concen: 1.26 ppb
RT: 2.60 min Scan# 249
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 43 Resp: 5971

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	0.0	24.0	36.0#

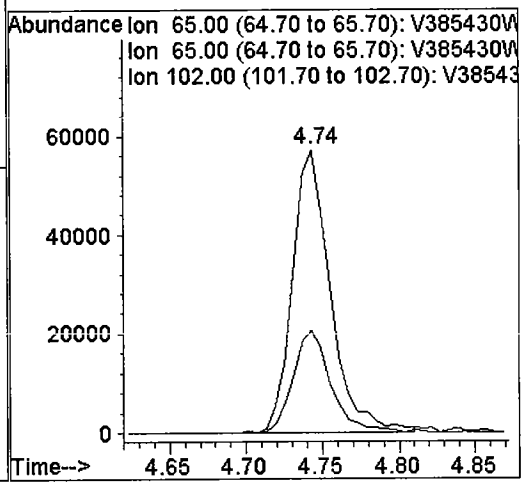


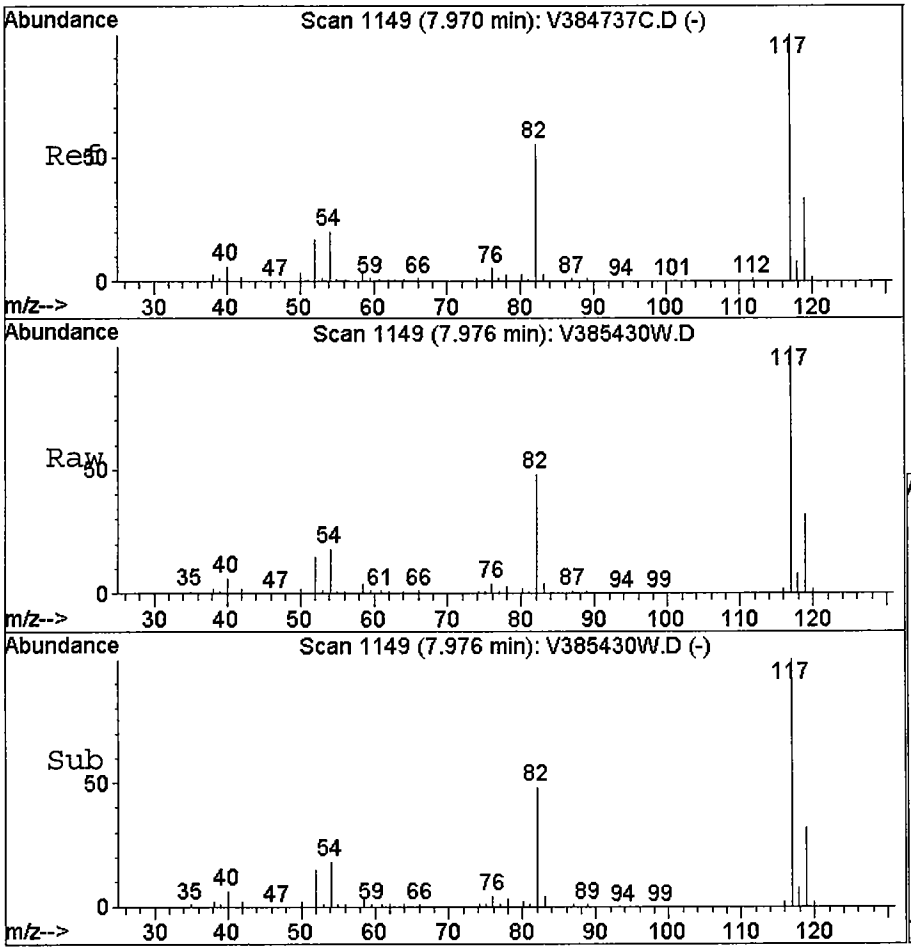


#31
d4-1,2-Dichloroethane(SURR)
Concen: 10.09 ppb
RT: 4.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 65 Resp: 99281

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	35.8	29.8	44.8

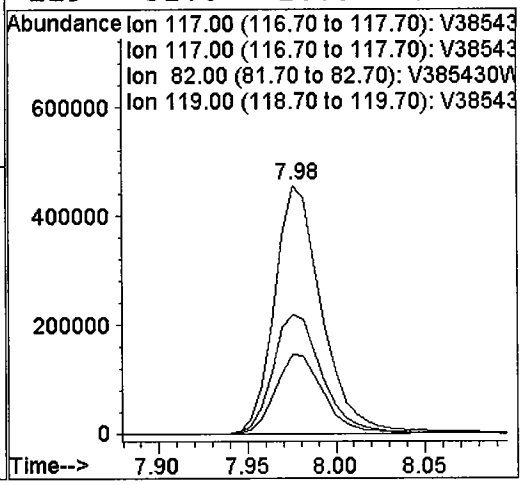


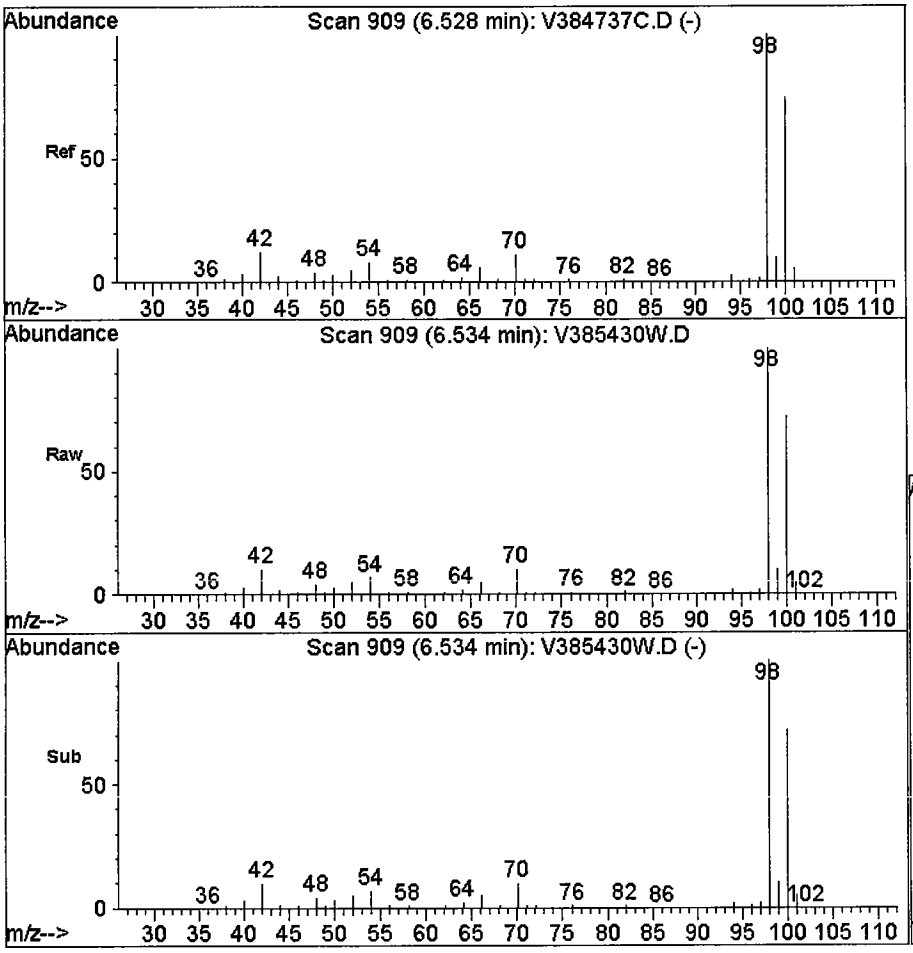


#35
CHLOROBENZENE-d5(ISTD)
Concen: 10.00 ppb
RT: 7.98 min Scan# 1149
Delta R.T. -0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:117 Resp: 848665

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.6	26.5	39.7

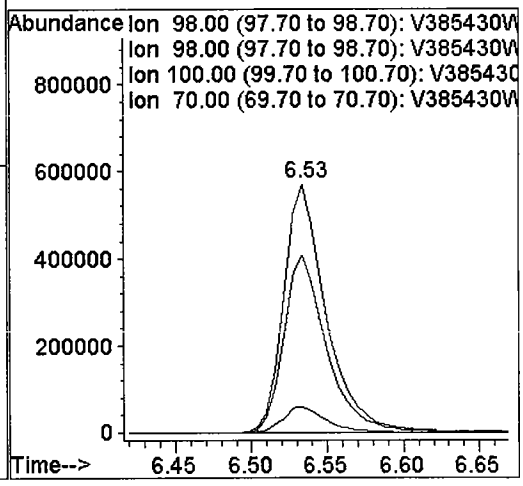


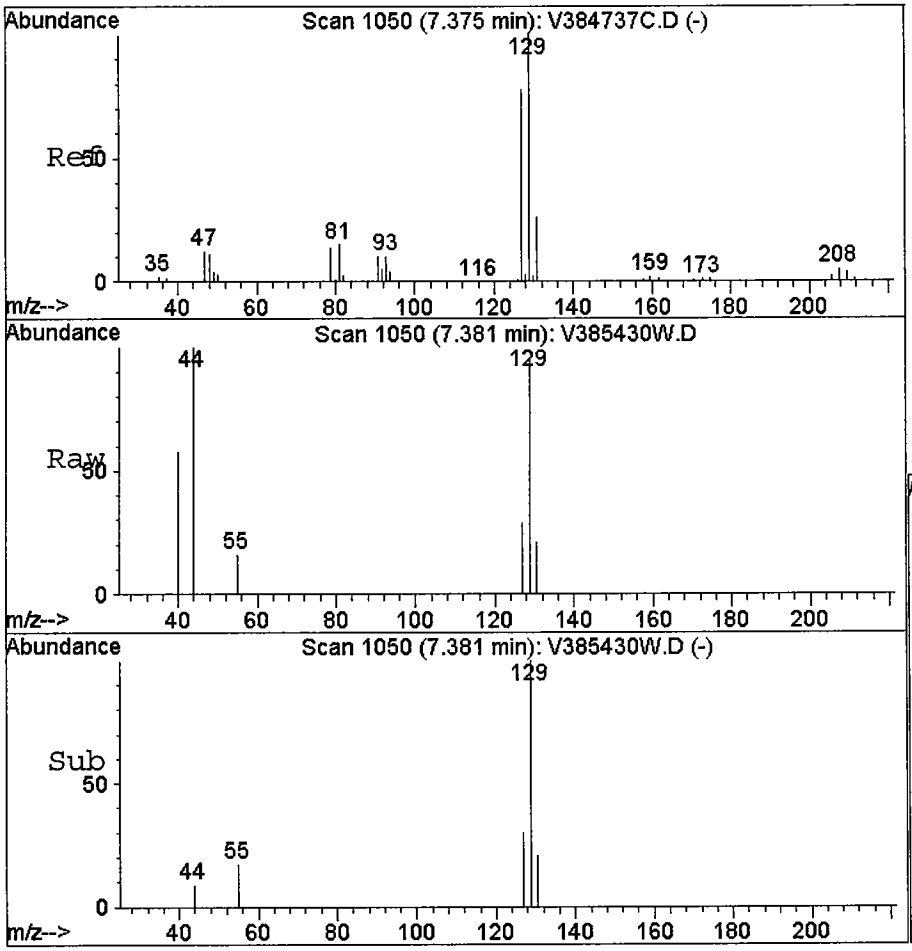


#44
Toluene-d8(SURR)
Concen: 10.17 ppb
RT: 6.53 min Scan# 909
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion: 98 Resp: 1108637

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	0.0	36.1	108.2#
70	10.5	0.0	0.0#

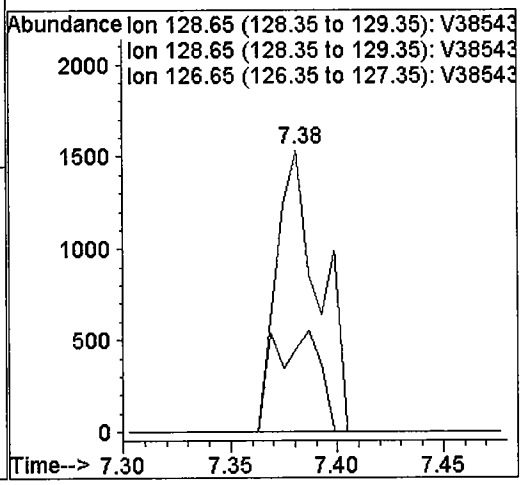


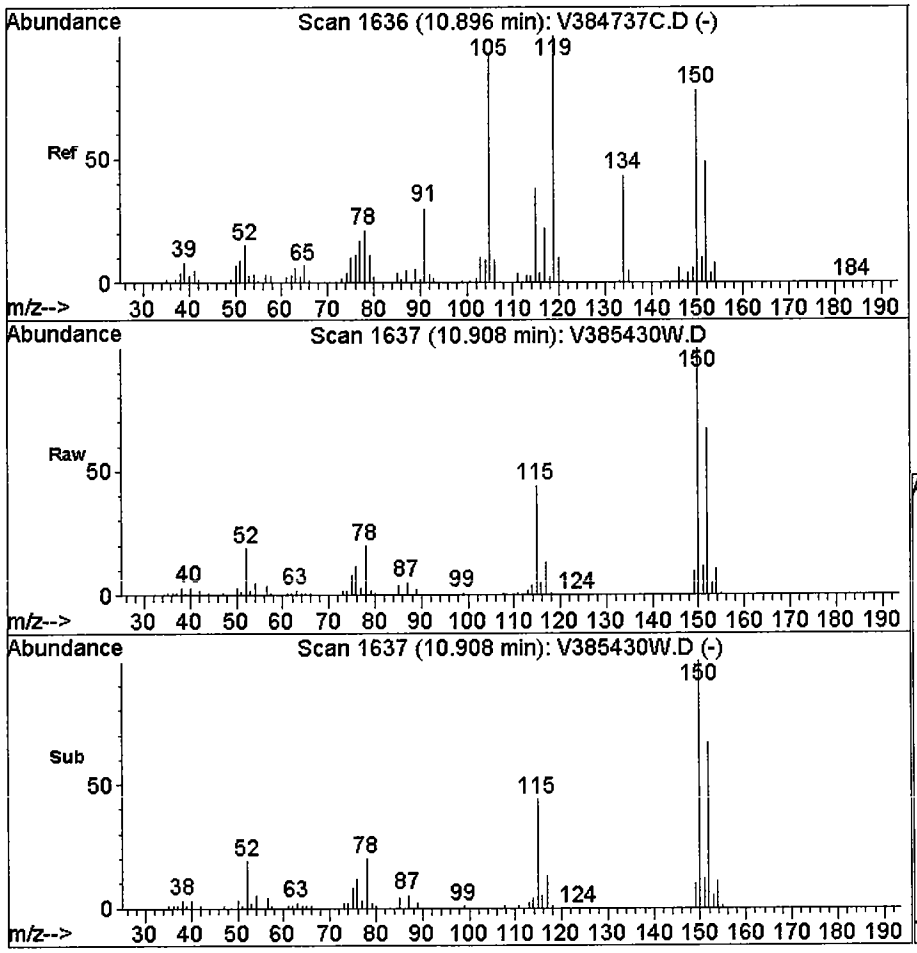


#51
Dibromochloromethane
Concen: 0.16 ppb
RT: 7.38 min Scan# 1050
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:129 Resp: 2122

Ion	Ratio	Lower	Upper
129	100		
129	100.0	80.0	120.0
127	0.0	63.2	94.8#

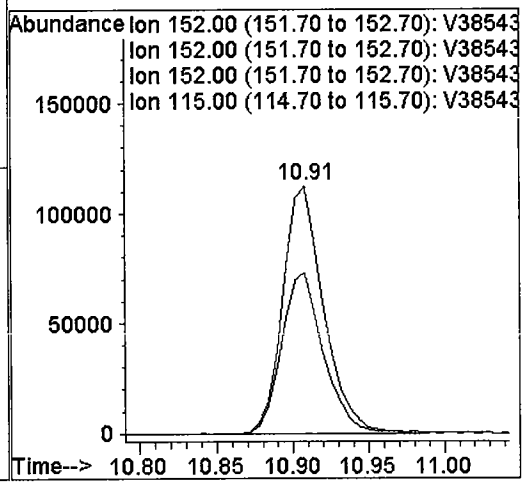


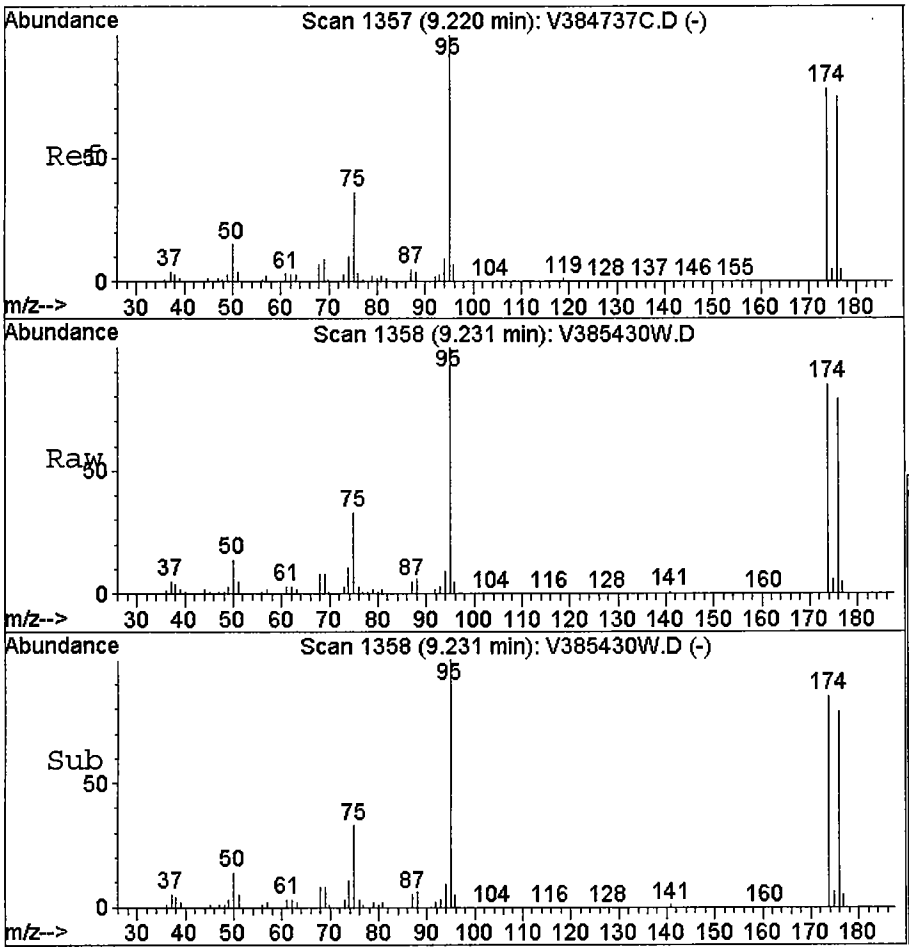


#59
1,2-DICHLOROBENZENE-d4(ISTD)
Concen: 10.00 ppb
RT: 10.91 min Scan# 1637
Delta R.T. 0.00 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:152 Resp: 210592

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	0.0	0.0

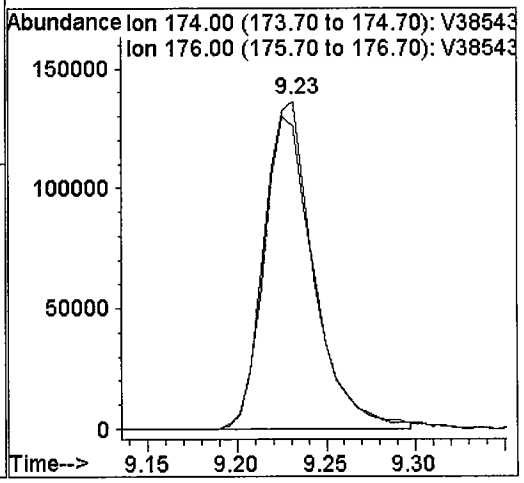




#61
p-Bromofluorobenzene(SURR)
Concen: 9.90 ppb
RT: 9.23 min Scan# 1358
Delta R.T. 0.01 min
Lab File: V385430W.D
Acq: 6 Jun 2012 8:16 am

Tgt Ion:174 Resp: 263489

Ion	Ratio	Lower	Upper
174	100		
176	96.5	76.5	114.7



Response Factor Report VOA No. 3

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

Calibration Files
.5 =V384932C.D 2.0 =V384934C.D 4.0 =V384936C.D
10.0 =V384938C.D 20 =V384940C.D 40 =V384942C.D

		Compound	.5	2.0	4.0	10.0	20	40	Avg	%RSD
		ISTD								
1)		FLUOROBENZENE(ISTD)								
2)		Dichlorodifluoromet	3.573	4.263	4.249	3.901	3.846	4.033	3.978	6.61
3)	P	Chloromethane	4.172	4.262	4.164	3.984	3.764	4.027	4.062	4.38
4)	C	Vinyl Chloride	3.652	4.058	4.147	3.958	3.798	3.866	3.913	4.60#
5)		Bromomethane	1.418	1.394	1.208	1.281	1.345	1.469	1.353	7.06
6)		Chloroethane	1.615	1.812	1.699	1.720	1.713	1.746	1.718	3.73
7)		Trichlorofluorometh	2.684	2.920	2.919	2.766	2.781	2.965	2.839	3.91
8)		Freon-113	2.166	2.505	2.367	2.224	2.267	2.288	2.303	5.19
9)	C,M	1,1-Dichloroethylen	2.572	2.400	2.559	2.504	2.492	2.439	2.495	2.67#
10)		Acrolien		0.049	0.050	0.059	0.063	0.083	0.061	22.52
11)		Iodomethane		0.629	1.012	1.287	1.437	1.317	1.136	28.47
12)		Methyl Acetate		0.205	0.192	0.200	0.201	0.239	0.207	8.70
13)		Ethyl Ether	0.617	0.537	0.526	0.556	0.560	0.657	0.575	8.79
14)		trans-1,2-Dichloroe	2.220	1.959	2.067	2.075	2.144	2.207	2.112	4.67
15)		Carbon Disulfide	6.068	5.551	5.953	6.094	6.258	6.317	6.040	4.53
16)		Methylene Chloride		4.005	2.767	1.881	1.624	1.563	2.368	43.67
17)		Acrylonitrile		0.083	0.098	0.092	0.099	0.118	0.098	12.90
18)		tert-Butyl Methyl E	0.921	0.825	0.847	0.899	0.962	1.132	0.931	11.84
19)		Acetone		0.428	0.319	0.176	0.140	0.116	0.236	56.52
20)	P	1,1-Dichloroethane	3.258	2.873	3.028	3.164	3.159	3.254	3.123	4.75
21)		Vinyl Acetate	1.052	0.919	0.901	1.020	1.055	1.293	1.040	13.51
22)		cis-1,2-Dichloroeth	1.916	1.812	1.865	1.930	1.975	2.056	1.926	4.41
23)		2-Butanone		0.026	0.031	0.052	0.044	0.055	0.042#	30.57
24)		2,2-Dichloropropane	1.863	1.866	2.115	2.240	2.277	2.454	2.136	11.08
25)		Bromochloromethane	0.753	0.711	0.717	0.791	0.810	0.877	0.776	8.10
26)	C	Chloroform	2.604	2.251	2.475	2.563	2.572	2.755	2.537	6.59#
27)		Tetrahydrofuran		0.025	0.034	0.034	0.039	0.047	0.036#	22.55
28)		1,1-Dichloropropyle	2.625	2.448	2.564	2.465	2.674	2.524	2.550	3.49
29)		1,1,1-Trichloroetha	2.765	2.447	2.665	2.748	2.749	2.954	2.721	6.06
30)		Cyclohexane	4.744	5.144	4.757	4.593	4.570	4.503	4.719	4.90
31)	S	d4-1,2-Dichloroetha	0.469	0.475	0.492	0.481	0.489	0.536	0.490	4.84
32)		Carbon Tetrachlorid	2.075	1.941	2.194	2.160	2.355	2.270	2.166	6.72
33)		1,2-Dichloroethane	0.898	0.738	0.788	0.809	0.799	0.890	0.820	7.56
34)	M	Benzene	7.550	6.507	6.787	7.019	6.903	6.815	6.930	5.02
		ISTD								
35)		CHLOROBENZENE-d5(ISTD								
36)	M	Trichloroethylene	0.501	0.483	0.475	0.497	0.492	0.488	0.489	1.95
37)		Methyl Cyclohexane	1.046	1.149	1.032	1.019	1.011	0.965	1.037	5.92
38)		Dibromomethane	0.109	0.085	0.095	0.105	0.105	0.113	0.102	10.03
39)		Methyl Methacrylate		0.058	0.056	0.068	0.067	0.080	0.066	14.13
40)		Bromodichloromethan	0.256	0.272	0.277	0.310	0.318	0.346	0.297	11.40
41)	C	1,2-Dichloropropane	0.336	0.307	0.300	0.315	0.313	0.310	0.313	3.92#
42)		cis-1,3-Dichloropro	0.324	0.326	0.345	0.374	0.391	0.425	0.364	11.01
43)		2-Hexanone		0.040	0.055	0.054	0.056	0.065	0.054	17.05
44)	S	Toluene-d8(SURR)	1.299	1.276	1.280	1.302	1.287	1.265	1.285	1.11
45)	C,M	Toluene	1.795	1.632	1.621	1.665	1.648	1.608	1.661	4.11#
46)		trans-1,3-Dichlorop	0.171	0.169	0.187	0.218	0.231	0.265	0.207	18.29
47)		1,1,2-Trichloroetha	0.114	0.116	0.109	0.121	0.126	0.133	0.120	7.26
48)		1,3-Dichloropropane	0.244	0.248	0.227	0.241	0.241	0.252	0.242	3.48
49)		Tetrachloroethylene	0.578	0.505	0.503	0.515	0.524	0.512	0.523	5.33
50)		4-Methyl-2-Pentanon	0.080	0.082	0.085	0.090	0.087	0.109	0.089	11.69
51)		Dibromochloromethan	0.130	0.141	0.144	0.170	0.180	0.202	0.161	16.92
52)		1,2-Dibromoethane	0.113	0.131	0.124	0.137	0.136	0.148	0.131	9.20

(#) = Out of Range

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

Calibration Files
.5 =V384932C.D 2.0 =V384934C.D 4.0 =V384936C.D
10.0 =V384938C.D 20 =V384940C.D 40 =V384942C.D

		Compound	.5	2.0	4.0	10.0	20	40	Avg	%RSD
53)	P,M	Chlorobenzene	0.972	0.918	0.906	0.959	0.957	0.968	0.947	2.93
54)	C	Ethyl Benzene	1.960	1.728	1.704	1.780	1.756	1.684	1.769	5.65#
55)		p- & m-Xylenes	1.503	1.337	1.308	1.333	1.289	1.157	1.321	8.42
56)		o-Xylene	1.398	1.231	1.231	1.263	1.224	1.183	1.255	5.94
57)		Styrene	0.957	0.857	0.850	0.892	0.887	0.905	0.891	4.31
58)		1,1,1,2-Tetrachloro	0.240	0.247	0.236	0.270	0.270	0.284	0.258	7.48
59)		1,2-DICHLOROBENZENE-d	ISTD							
60)	p	Bromoform	0.211	0.206	0.226	0.275	0.327	0.372	0.269	25.33
61)	S	p-Bromofluorobenzen	1.236	1.239	1.201	1.292	1.318	1.299	1.264	3.58
62)	P	1,1,2,2-Tetrachloro	0.642	0.562	0.518	0.557	0.595	0.605	0.580	7.49
63)		1,2,3-Trichloroprop	0.132	0.126	0.126	0.144	0.146	0.160	0.139	9.56
64)		Isopropylbenzene	8.587	7.379	7.465	7.704	7.813	7.147	7.683	6.54
65)		1,2-Dibromo-3-Chlor		0.042	0.041	0.053	0.064	0.066	0.053	21.65
66)		Bromobenzene	2.140	1.778	1.722	1.892	1.900	1.932	1.894	7.66
67)		trans-1,4-Dichloro-	0.555	0.447	0.486	0.517	0.580	0.611	0.533	11.50
68)		n-Propylbenzene	9.513	8.687	8.791	9.168	9.481	8.466	9.018	4.83
69)		2-Chlorotoluene	5.347	4.600	4.657	4.787	5.034	4.772	4.866	5.73
70)		4-Chlorotoluene	5.232	4.429	4.455	4.323	4.343	3.990	4.462	9.24
71)		tert-Butylbenzene	6.459	5.469	5.473	5.940	6.046	5.489	5.812	6.99
72)		1,3,5-trimethylbenz	6.487	5.561	5.253	5.494	5.379	4.918	5.515	9.56
73)		1,2,4-trimethylbenz	5.177	4.227	4.274	4.535	4.660	4.471	4.557	7.55
74)		sec-Butylbenzene	9.536	8.748	8.544	8.726	8.896	8.025	8.746	5.62
75)		1,3-Dichlorobenzene	2.499	2.111	2.122	2.254	2.408	2.320	2.286	6.77
76)		1,4-Dichlorobenzene	2.110	1.958	1.824	1.988	2.099	1.994	1.996	5.25
77)		1,2-Dichlorobenzene	1.775	1.501	1.495	1.568	1.657	1.582	1.596	6.62
78)		p-Isopropyltoluene	6.102	5.648	5.661	5.905	6.122	5.643	5.847	3.90
79)		n-Butylbenzene	6.073	5.183	5.327	5.699	6.079	5.486	5.641	6.70
80)		1,2,4-Trichlorobenz	0.468	0.475	0.551	0.698	0.867	0.939	0.666	30.41
81)		Naphthalene		0.381	0.417	0.524	0.648	0.816	0.557	32.04
82)		Hexachloro-1,3-Buta	0.728	0.625	0.683	0.694	0.850	0.778	0.726	10.88
83)		1,2,3-Trichlorobenz	0.332	0.295	0.360	0.439	0.559	0.605	0.432	29.28

(#) = Out of Range

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384932C.D Vial: 6
Acq On : 18 May 2012 1:48 pm Operator: SS
Sample : 0.5 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:29 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	204852	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	873990	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	211277	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	96159	8.98	ppb		-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 89.80%				
44) Toluene-d8(SURR)	6.53	98	1135742	9.74	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 97.40%				
61) p-Bromofluorobenzene(SURR)	9.23	174	261237	9.83	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 98.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	36597	0.47	ppb		97
3) Chloromethane	1.52	50	42737	0.58	ppb		100
4) Vinyl Chloride	1.61	62	37403	0.54	ppb		99
5) Bromomethane	1.86	94	14525	0.64	ppb	#	88
6) Chloroethane	1.94	64	16541	0.48	ppb		98
7) Trichlorofluoromethane	2.14	101	27494	0.46	ppb		99
8) Freon-113	2.56	101	22188	0.46	ppb		98
9) 1,1-Dichloroethylene	2.55	61	26349	0.51	ppb		97
12) Methyl Acetate	2.88	43	2821	0.70	ppb	#	89
13) Ethyl Ether	2.38	59	6319	0.60	ppb		92
14) trans-1,2-Dichloroethylene	3.18	61	22739	0.53	ppb		97
15) Carbon Disulfide	2.73	76	62157	0.53	ppb		100
16) Methylene Chloride	2.95	49	113780	3.69	ppb		100
18) tert-Butyl Methyl Ether (M	3.20	73	9438	0.55	ppb	#	64
19) Acetone	2.61	43	12277	3.83	ppb	#	100
20) 1,1-Dichloroethane	3.53	63	33367	0.54	ppb		100
21) Vinyl Acetate	3.59	43	10773	0.57	ppb	#	97
22) cis-1,2-Dichloroethylene	4.04	96	19626	0.52	ppb	#	98
24) 2,2-Dichloropropane	4.02	77	19079	0.40	ppb		98
25) Bromochloromethane	4.23	49	7714	0.52	ppb		99
26) Chloroform	4.31	83	26671	0.51	ppb		96
28) 1,1-Dichloropropylene	4.62	75	26884	0.44	ppb		98
29) 1,1,1-Trichloroethane	4.47	97	28323	0.48	ppb		97
30) Cyclohexane	4.53	56	48593	0.51	ppb	#	89
32) Carbon Tetrachloride	4.62	117	21252	0.42	ppb		98
33) 1,2-Dichloroethane	4.82	62	9193	0.53	ppb	#	87
34) Benzene	4.80	78	77330	0.58	ppb	#	94
36) Trichloroethylene	5.39	95	21893	0.48	ppb		94
37) Methyl Cyclohexane	5.57	83	45698	0.47	ppb	#	100
38) Dibromomethane	5.70	93	4742	0.52	ppb	#	63
39) Methyl Methacrylate	5.71	69	3478	0.60	ppb	#	87
40) Bromodichloromethane	5.84	83	11201	0.39	ppb		97
41) 1,2-Dichloropropane	5.58	63	14687	0.54	ppb		99
42) cis-1,3-Dichloropropene	6.27	75	14144	0.45	ppb	#	96
43) 2-Hexanone	7.26	43	2933	0.63	ppb	#	70
45) Toluene	6.60	91	78424	0.51	ppb		100
46) trans-1,3-Dichloropropene	6.81	75	7475	0.42	ppb	#	78
47) 1,1,2-Trichloroethane	6.99	83	4960	0.47	ppb		92

(#) = qualifier out of range (m) = manual integration
V384932C.D V3RCPB47.M Fri May 25 15:15:59 2012

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384932C.D Vial: 6
Acq On : 18 May 2012 1:48 pm Operator: SS
Sample : 0.5 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:29 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

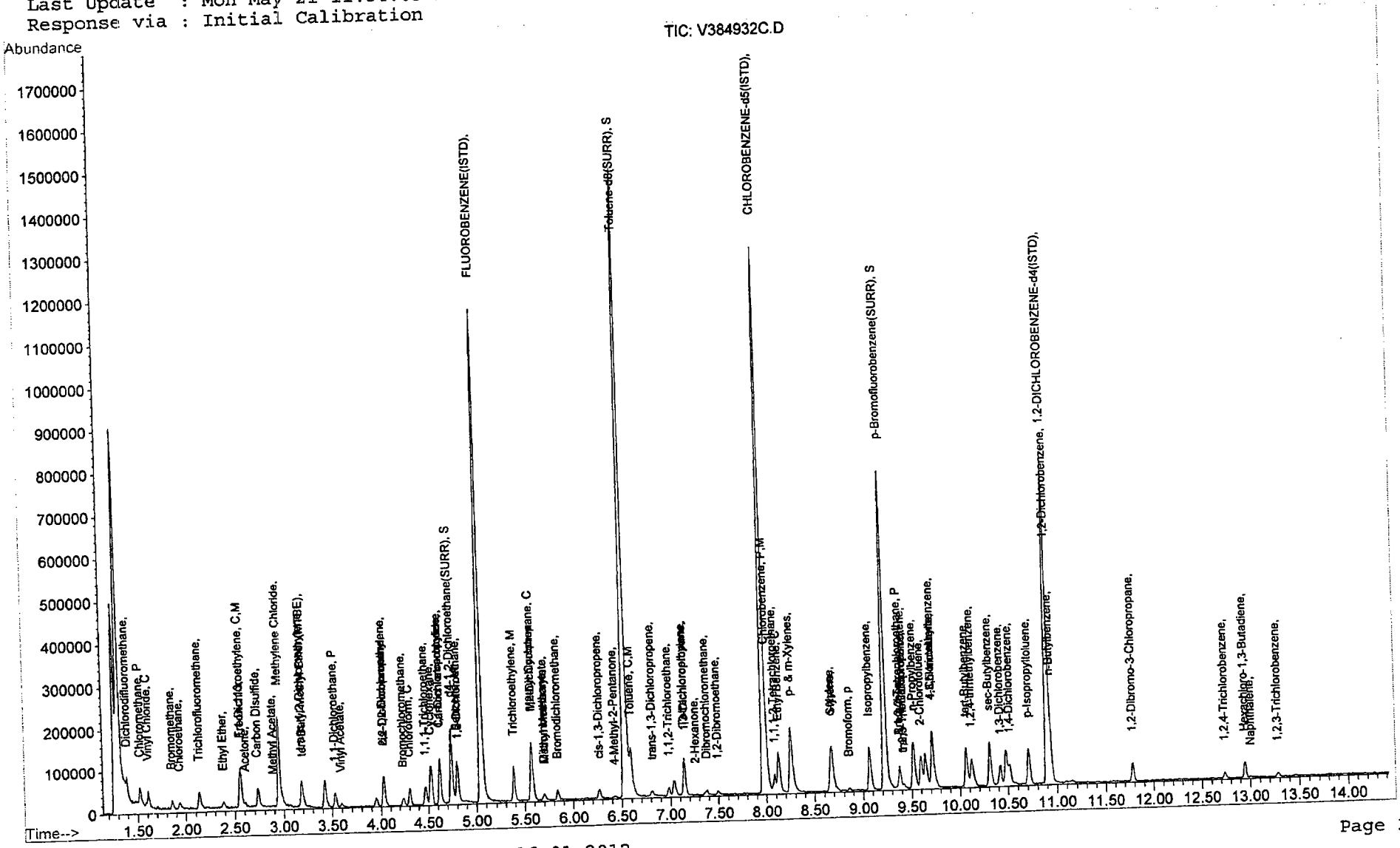
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
48) 1,3-Dichloropropane	7.15	76	10652	0.51	ppb	#	86
49) Tetrachloroethylene	7.14	166	25244	0.53	ppb		99
50) 4-Methyl-2-Pentanone	6.43	43	3478	0.42	ppb		97
51) Dibromochloromethane	7.37	129	5696	0.38	ppb		99
52) 1,2-Dibromoethane	7.49	107	4925	0.43	ppb		100
53) Chlorobenzene	8.01	112	42490	0.51	ppb		98
54) Ethyl Benzene	8.13	91	85671	0.52	ppb		100
55) p- & m-Xylenes	8.25	91	131402	1.07	ppb		98
56) o-Xylene	8.67	91	61089	0.54	ppb		100
57) Styrene	8.68	104	41823	0.55	ppb		98
58) 1,1,1,2-Tetrachloroethane	8.08	131	10493	0.46	ppb	#	73
60) Bromoform	8.85	173	2224	0.38	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	6782	0.57	ppb	#	97
63) 1,2,3-Trichloropropane	9.42	110	1390	0.43	ppb		44
64) Isopropylbenzene	9.07	105	90715	0.55	ppb	#	99
65) 1,2-Dibromo-3-Chloropropan	11.79	75	445	0.38	ppb	#	35
66) Bromobenzene	9.38	77	22608	0.57	ppb		97
67) trans-1,4-Dichloro-2-buten	9.42	75	5868	0.53	ppb	#	96
68) n-Propylbenzene	9.51	91	100495	0.51	ppb		99
69) 2-Chlorotoluene	9.60	91	56489	0.53	ppb		99
70) 4-Chlorotoluene	9.72	91	55267	0.57	ppb		100
71) tert-Butylbenzene	10.07	119	68227	0.55	ppb	#	90
72) 1,3,5-trimethylbenzene	9.71	105	68530	0.57	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	54691	0.55	ppb		97
74) sec-Butylbenzene	10.31	105	100733	0.53	ppb		99
75) 1,3-Dichlorobenzene	10.42	146	26399	0.54	ppb	#	68
76) 1,4-Dichlorobenzene	10.52	146	22293	0.52	ppb	#	96
77) 1,2-Dichlorobenzene	10.92	146	18750	0.55	ppb	#	93
78) p-Isopropyltoluene	10.71	119	64461	0.50	ppb		100
79) n-Butylbenzene	10.94	91	64153	0.51	ppb	#	78
80) 1,2,4-Trichlorobenzene	12.73	180	4940	0.32	ppb	#	82
81) Naphthalene	13.01	128	3659	0.31	ppb	#	97
82) Hexachloro-1,3-Butadiene	12.95	225	7695	0.43	ppb	#	100
83) 1,2,3-Trichlorobenzene	13.28	182	3512	0.34	ppb	#	93

(#) = qualifier out of range (m) = manual integration
V384932C.D V3RCPB47.M Fri May 25 15:15:59 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384932C.D Vial: 6
Acq On : 18 May 2012 1:48 pm Operator: SS
Sample : 0.5 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:29 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



V384932C.D V3RCPB47.M Fri May 25 15:16:01 2012

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384934C.D Vial: 8
Acq On : 18 May 2012 2:33 pm Operator: SS
Sample : 2 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:30 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	203029	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	861438	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	212911	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	96509	9.09	ppb		-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 90.90%				
44) Toluene-d8(SURR)	6.53	98	1099043	9.56	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 95.60%				
61) p-Bromofluorobenzene(SURR)	9.22	174	263766	9.85	ppb		-0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 98.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	173111	2.22	ppb		99
3) Chloromethane	1.52	50	173043	2.37	ppb		100
4) Vinyl Chloride	1.61	62	164770	2.40	ppb		100
5) Bromomethane	1.85	94	56617	2.50	ppb		91
6) Chloroethane	1.93	64	73564	2.14	ppb		98
7) Trichlorofluoromethane	2.14	101	118554	1.99	ppb		99
8) Freon-113	2.56	101	101714	2.14	ppb		98
9) 1,1-Dichloroethylene	2.55	61	97474	1.89	ppb		100
10) Acrolien	2.47	56	1974m	1.73	ppb		
11) Iodomethane	2.68	142	25545	0.81	ppb		99
12) Methyl Acetate	2.88	43	8324	2.07	ppb	#	98
13) Ethyl Ether	2.38	59	21805	2.09	ppb	#	69
14) trans-1,2-Dichloroethylene	3.18	61	79552	1.88	ppb		99
15) Carbon Disulfide	2.74	76	225390	1.95	ppb		100
16) Methylene Chloride	2.95	49	162630	5.32	ppb		98
17) Acrylonitrile	3.16	53	3380	1.89	ppb	#	93
18) tert-Butyl Methyl Ether (M	3.20	73	33505	1.96	ppb	#	92
19) Acetone	2.61	43	17371	5.47	ppb	#	100
20) 1,1-Dichloroethane	3.53	63	116648	1.91	ppb		100
21) Vinyl Acetate	3.59	43	37306	2.00	ppb		99
22) cis-1,2-Dichloroethylene	4.03	96	73590	1.97	ppb	#	100
23) 2-Butanone	4.06	72	1053	1.45	ppb	#	1
24) 2,2-Dichloropropane	4.03	77	75759	1.59	ppb		100
25) Bromochloromethane	4.23	49	28878	1.98	ppb		98
26) Chloroform	4.31	83	91390	1.77	ppb		100
27) Tetrahydrofuran	4.30	71	1003m	1.45	ppb		
28) 1,1-Dichloropropylene	4.62	75	99403	1.63	ppb		99
29) 1,1,1-Trichloroethane	4.47	97	99346	1.71	ppb		100
30) Cyclohexane	4.53	56	208896	2.20	ppb		98
32) Carbon Tetrachloride	4.62	117	78830	1.56	ppb		100
33) 1,2-Dichloroethane	4.81	62	29979	1.74	ppb		99
34) Benzene	4.80	78	264214	2.00	ppb		99
36) Trichloroethylene	5.39	95	83134	1.86	ppb		98
37) Methyl Cyclohexane	5.57	83	197916	2.08	ppb	#	100
38) Dibromomethane	5.69	93	14650	1.61	ppb		96
39) Methyl Methacrylate	5.70	69	10072	1.76	ppb		99
40) Bromodichloromethane	5.84	83	46891	1.68	ppb		99
41) 1,2-Dichloropropane	5.58	63	52807	1.96	ppb	#	87

(#) = qualifier out of range (m) = manual integration
V384934C.D V3RCPB47.M Fri May 25 15:16:10 2012

Quantitation Report (QT Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384934C.D Vial: 8
Acq On : 18 May 2012 2:33 pm Operator: SS
Sample : 2 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:30 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.27	75	56100	1.80	ppb		99
43) 2-Hexanone	7.26	43	6840	1.49	ppb		98
45) Toluene	6.59	91	281117	1.86	ppb		100
46) trans-1,3-Dichloropropene	6.80	75	29086	1.65	ppb	#	94
47) 1,1,2-Trichloroethane	6.98	83	19966	1.93	ppb		98
48) 1,3-Dichloropropane	7.15	76	42677	2.07	ppb	#	99
49) Tetrachloroethylene	7.14	166	87059	1.85	ppb		100
50) 4-Methyl-2-Pentanone	6.42	43	14156	1.72	ppb		96
51) Dibromochloromethane	7.38	129	24300	1.66	ppb		99
52) 1,2-Dibromoethane	7.49	107	22516	1.99	ppb		95
53) Chlorobenzene	8.00	112	158174	1.92	ppb		100
54) Ethyl Benzene	8.13	91	297788	1.83	ppb		100
55) p- & m-Xylenes	8.25	91	460814	3.80	ppb		100
56) o-Xylene	8.67	91	212022	1.89	ppb		100
57) Styrene	8.69	104	147663	1.96	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.08	131	42619	1.89	ppb		93
60) Bromoform	8.87	173	8756	1.49	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	23932	2.00	ppb	#	69
63) 1,2,3-Trichloropropane	9.42	110	5383	1.67	ppb		80
64) Isopropylbenzene	9.07	105	314193	1.89	ppb	#	100
65) 1,2-Dibromo-3-Chloropropan	11.78	75	1808	1.55	ppb	#	89
66) Bromobenzene	9.38	77	75720	1.91	ppb		98
67) trans-1,4-Dichloro-2-buten	9.42	75	19017	1.70	ppb	#	96
68) n-Propylbenzene	9.51	91	369919	1.85	ppb		100
69) 2-Chlorotoluene	9.59	91	195881	1.84	ppb		100
70) 4-Chlorotoluene	9.71	91	188604	1.94	ppb		99
71) tert-Butylbenzene	10.07	119	232866	1.87	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	236786	1.96	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	179984	1.80	ppb		100
74) sec-Butylbenzene	10.31	105	372507	1.94	ppb		99
75) 1,3-Dichlorobenzene	10.42	146	89895	1.82	ppb	#	100
76) 1,4-Dichlorobenzene	10.52	146	83364	1.92	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	63936	1.86	ppb	#	99
78) p-Isopropyltoluene	10.48	119	240512	1.86	ppb	#	97
79) n-Butylbenzene	10.93	91	220688	1.75	ppb	#	84
80) 1,2,4-Trichlorobenzene	12.73	180	20222	1.29	ppb		94
81) Naphthalene	13.00	128	16213	1.35	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.95	225	26598	1.49	ppb	#	68
83) 1,2,3-Trichlorobenzene	13.28	182	12572	1.20	ppb		97

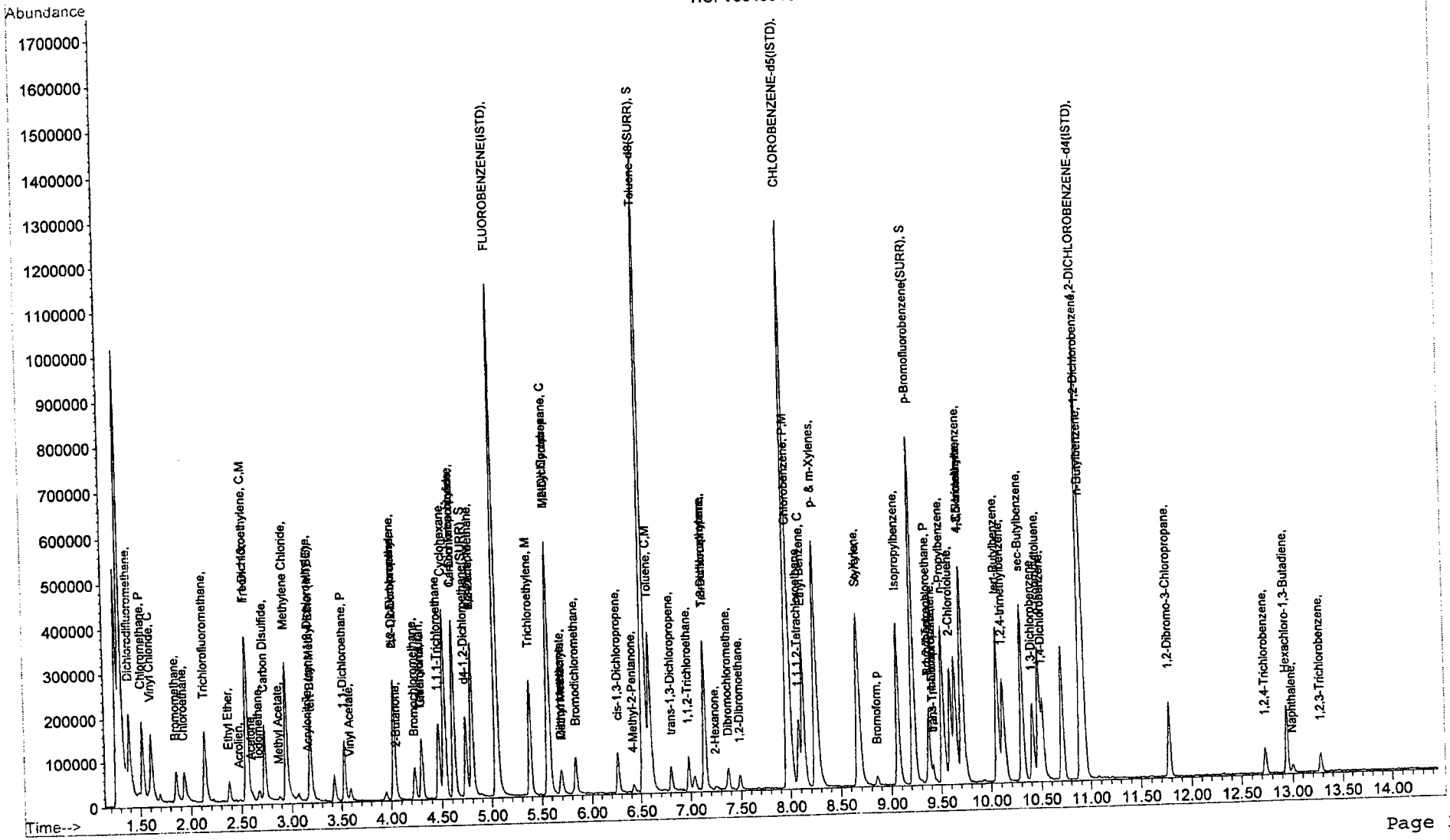
(#) = qualifier out of range (m) = manual integration
V384934C.D V3RCPB47.M Fri May 25 15:16:10 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384934C.D Vial: 8
Acq On : 18 May 2012 2:33 pm Operator: SS
Sample : 2 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:30 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384934C.D



Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384936C.D Vial: 10
Acq On : 18 May 2012 3:17 pm Operator: SS
Sample : 4 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	196285	10.00 ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	868659	10.00 ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	212892	10.00 ppb		0.00
System Monitoring Compounds						
31) d4-1,2-Dichloroethane(SURR	4.74	65	96510	9.40 ppb		-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 94.00%			
44) Toluene-d8(SURR)	6.53	98	1111574	9.59 ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 95.90%			
61) p-Bromofluorobenzene(SURR)	9.22	174	255655	9.55 ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 95.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	333628	4.43 ppb		98
3) Chloromethane	1.52	50	326952	4.63 ppb		100
4) Vinyl Chloride	1.61	62	325620	4.91 ppb		99
5) Bromomethane	1.85	94	94851	4.33 ppb		95
6) Chloroethane	1.94	64	133434	4.02 ppb		100
7) Trichlorofluoromethane	2.14	101	229211	3.97 ppb		100
8) Freon-113	2.56	101	185850	4.05 ppb		96
9) 1,1-Dichloroethylene	2.55	61	200926	4.04 ppb		99
10) Acrolien	2.48	56	3949	3.58 ppb	#	70
11) Iodomethane	2.68	142	79425	2.62 ppb		99
12) Methyl Acetate	2.88	43	15103	3.88 ppb	#	89
13) Ethyl Ether	2.38	59	41333	4.11 ppb		97
14) trans-1,2-Dichloroethylene	3.18	61	162250	3.96 ppb		99
15) Carbon Disulfide	2.74	76	467426	4.18 ppb		100
16) Methylene Chloride	2.95	49	217258	7.35 ppb		98
17) Acrylonitrile	3.16	53	7703	4.45 ppb	#	94
18) tert-Butyl Methyl Ether (M	3.20	73	66471	4.02 ppb	#	90
19) Acetone	2.60	43	25049	8.15 ppb	#	100
20) 1,1-Dichloroethane	3.53	63	237725	4.03 ppb		100
21) Vinyl Acetate	3.59	43	70732	3.92 ppb		100
22) cis-1,2-Dichloroethylene	4.03	96	146455	4.06 ppb	#	99
23) 2-Butanone	4.04	72	2455	3.50 ppb	#	38
24) 2,2-Dichloropropane	4.03	77	166066	3.61 ppb		100
25) Bromochloromethane	4.24	49	56274	4.00 ppb	#	74
26) Chloroform	4.31	83	194331	3.89 ppb		99
27) Tetrahydrofuran	4.30	71	2654	3.96 ppb	#	41
28) 1,1-Dichloropropylene	4.62	75	201339	3.41 ppb		99
29) 1,1,1-Trichloroethane	4.47	97	209218	3.72 ppb	#	97
30) Cyclohexane	4.53	56	373485	4.07 ppb		99
32) Carbon Tetrachloride	4.62	117	172287	3.54 ppb		100
33) 1,2-Dichloroethane	4.81	62	61838	3.71 ppb		99
34) Benzene	4.80	78	532839	4.17 ppb		99
36) Trichloroethylene	5.39	95	164946	3.67 ppb		97
37) Methyl Cyclohexane	5.57	83	358731	3.74 ppb	#	99
38) Dibromomethane	5.69	93	33070	3.61 ppb		96
39) Methyl Methacrylate	5.70	69	19473	3.38 ppb		99
40) Bromodichloromethane	5.84	83	96144	3.41 ppb		99
41) 1,2-Dichloropropane	5.58	63	104232	3.83 ppb	#	86

(#) = qualifier out of range (m) = manual integration
V384936C.D V3RCPB47.M Fri May 25 15:16:18 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384936C.D Vial: 10
Acq On : 18 May 2012 3:17 pm Operator: SS
Sample : 4 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.27	75	119819	3.82	ppb	#	92
43) 2-Hexanone	7.25	43	19210	4.14	ppb		96
45) Toluene	6.60	91	563067	3.70	ppb		100
46) trans-1,3-Dichloropropene	6.80	75	64965	3.66	ppb		100
47) 1,1,2-Trichloroethane	6.98	83	37883	3.62	ppb		97
48) 1,3-Dichloropropane	7.15	76	78970	3.80	ppb	#	99
49) Tetrachloroethylene	7.14	166	174777	3.68	ppb		98
50) 4-Methyl-2-Pentanone	6.42	43	29628	3.56	ppb		99
51) Dibromochloromethane	7.37	129	50093	3.39	ppb		100
52) 1,2-Dibromoethane	7.49	107	42922	3.76	ppb		100
53) Chlorobenzene	8.01	112	314749	3.78	ppb		99
54) Ethyl Benzene	8.13	91	592129	3.62	ppb		100
55) p- & m-Xylenes	8.25	91	909074	7.43	ppb		98
56) o-Xylene	8.67	91	427778	3.78	ppb		100
57) Styrene	8.68	104	295498	3.90	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.09	131	82113	3.61	ppb		98
60) Bromoform	8.86	173	19255	3.28	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.37	83	44081	3.68	ppb		99
63) 1,2,3-Trichloropropane	9.42	110	10762	3.34	ppb		87
64) Isopropylbenzene	9.07	105	635675	3.82	ppb	#	100
65) 1,2-Dibromo-3-Chloropropan	11.78	75	3534	3.02	ppb		89
66) Bromobenzene	9.37	77	146605	3.69	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	41359	3.70	ppb		99
68) n-Propylbenzene	9.51	91	748613	3.74	ppb		100
69) 2-Chlorotoluene	9.60	91	396611	3.72	ppb		100
70) 4-Chlorotoluene	9.60	91	379402	3.90	ppb		99
71) tert-Butylbenzene	10.07	119	466036	3.74	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	447349	3.69	ppb	#	100
73) 1,2,4-trimethylbenzene	10.12	105	363965	3.64	ppb		99
74) sec-Butylbenzene	10.31	105	727600	3.78	ppb		100
75) 1,3-Dichlorobenzene	10.41	146	180687	3.66	ppb	#	100
76) 1,4-Dichlorobenzene	10.52	146	155338	3.57	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	127296	3.70	ppb	#	100
78) p-Isopropyltoluene	10.47	119	482088	3.72	ppb		100
79) n-Butylbenzene	10.93	91	453616	3.59	ppb		99
80) 1,2,4-Trichlorobenzene	12.74	180	46882	2.98	ppb		96
81) Naphthalene	13.00	128	35476	2.95	ppb	#	97
82) Hexachloro-1,3-Butadiene	12.95	225	58184	3.26	ppb	#	68
83) 1,2,3-Trichlorobenzene	13.28	182	30655	2.93	ppb		98

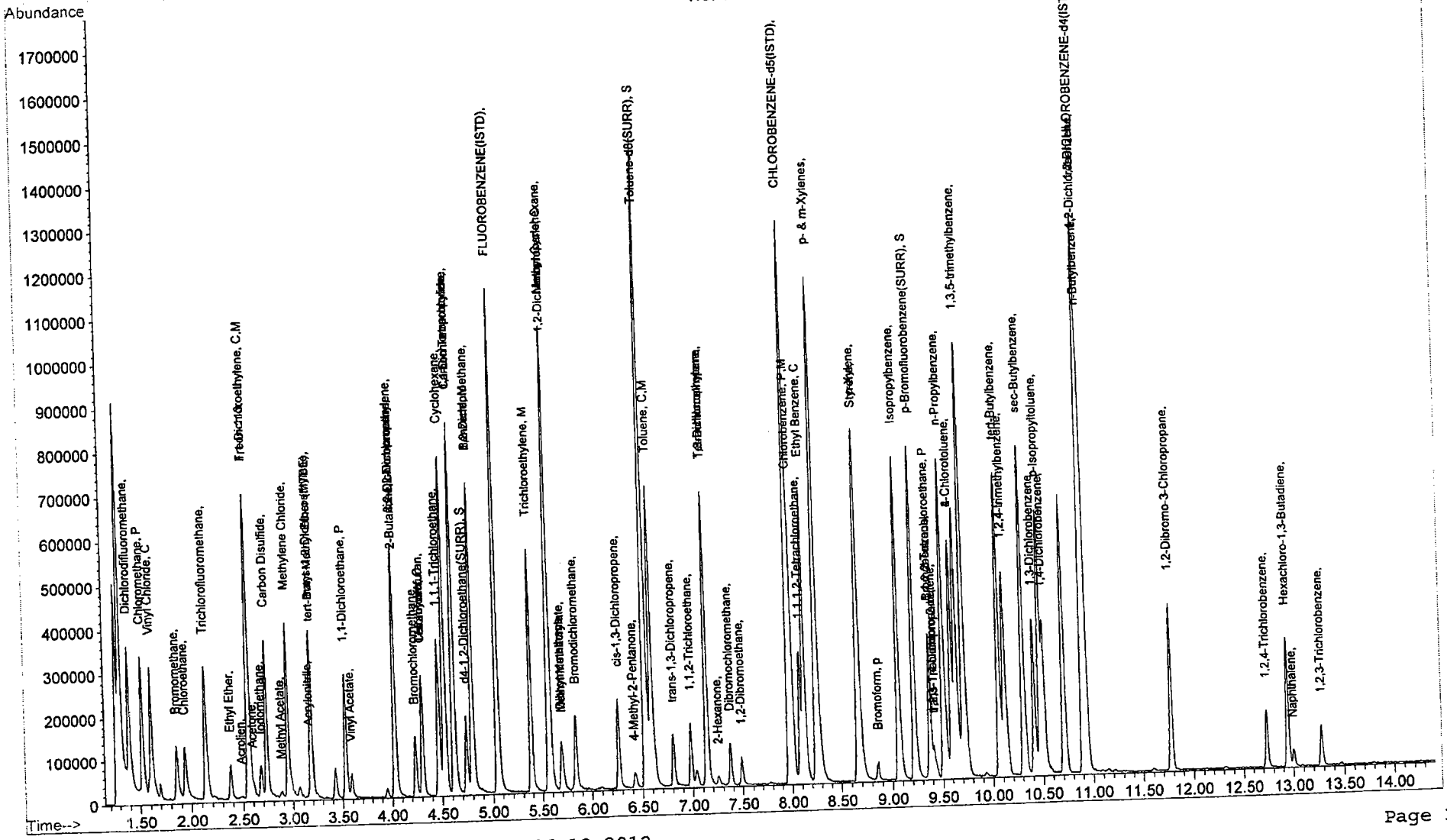
(#) = qualifier out of range (m) = manual integration
V384936C.D V3RCPB47.M Fri May 25 15:16:18 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384936C.D Vial: 10
Acq On : 18 May 2012 3:17 pm Operator: SS
Sample : 4 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384936C.D



V384936C.D V3RCPB47.M Fri May 25 15:16:19 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384938C.D Vial: 12
Acq On : 18 May 2012 4:02 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	204807	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.97	117	886671	10.00	ppb		-0.01
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	213498	10.00	ppb		-0.01
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	98481	9.20	ppb		-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 92.00%				
44) Toluene-d8(SURR)	6.53	98	1154458	9.76	ppb		-0.01
Spiked Amount 10.000	Range 83 - 114		Recovery = 97.60%				
61) p-Bromofluorobenzene(SURR)	9.22	174	275851	10.27	ppb		-0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 102.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	798941	10.17	ppb		98
3) Chloromethane	1.52	50	816009	11.08	ppb		100
4) Vinyl Chloride	1.61	62	810675	11.71	ppb		99
5) Bromomethane	1.85	94	262365	11.48	ppb		97
6) Chloroethane	1.94	64	352295	10.16	ppb		99
7) Trichlorofluoromethane	2.14	101	566461	9.41	ppb		100
8) Freon-113	2.56	101	455439	9.51	ppb		99
9) 1,1-Dichloroethylene	2.55	61	512927	9.88	ppb		99
10) Acrolien	2.48	56	11993	10.41	ppb		97
11) Iodomethane	2.68	142	263689	8.33	ppb		100
12) Methyl Acetate	2.88	43	40899	10.08	ppb		98
13) Ethyl Ether	2.38	59	113884	10.84	ppb		97
14) trans-1,2-Dichloroethylene	3.18	61	425035	9.94	ppb		98
15) Carbon Disulfide	2.74	76	1247996	10.68	ppb		100
16) Methylene Chloride	2.95	49	385293	12.49	ppb		99
17) Acrylonitrile	3.16	53	18875	10.45	ppb	#	96
18) tert-Butyl Methyl Ether (M	3.20	73	184045	10.67	ppb		98
19) Acetone	2.60	43	36121	11.27	ppb	#	100
20) 1,1-Dichloroethane	3.53	63	648024	10.52	ppb		99
21) Vinyl Acetate	3.59	43	208875	11.10	ppb		100
22) cis-1,2-Dichloroethylene	4.03	96	395321	10.51	ppb	#	99
23) 2-Butanone	4.05	72	10725	14.64	ppb		70
24) 2,2-Dichloropropane	4.03	77	458784	9.57	ppb		100
25) Bromochloromethane	4.24	49	161973	11.02	ppb	#	76
26) Chloroform	4.31	83	524867	10.07	ppb		99
27) Tetrahydrofuran	4.29	71	6953	9.95	ppb		85
28) 1,1-Dichloropropylene	4.62	75	504756	8.19	ppb		98
29) 1,1,1-Trichloroethane	4.47	97	562862	9.59	ppb		100
30) Cyclohexane	4.53	56	940776	9.83	ppb		99
32) Carbon Tetrachloride	4.62	117	442350	8.70	ppb		99
33) 1,2-Dichloroethane	4.80	62	165613	9.51	ppb		100
34) Benzene	4.80	78	1437551	10.79	ppb	#	96
36) Trichloroethylene	5.39	95	440285	9.59	ppb	#	60
37) Methyl Cyclohexane	5.57	83	903098	9.22	ppb	#	100
38) Dibromomethane	5.69	93	93328	9.99	ppb		99
39) Methyl Methacrylate	5.71	69	60214	10.24	ppb		99
40) Bromodichloromethane	5.84	83	275242	9.56	ppb		100
41) 1,2-Dichloropropane	5.58	63	279067	10.04	ppb		99

(#) = qualifier out of range (m) = manual integration
V384938C.D V3RCPB47.M Fri May 25 15:16:32 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384938C.D Vial: 12
Acq On : 18 May 2012 4:02 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.26	75	331744	10.35	ppb		99
43) 2-Hexanone	7.25	43	47489	10.03	ppb		98
45) Toluene	6.59	91	1476271	9.50	ppb		98
46) trans-1,3-Dichloropropene	6.81	75	193486	10.66	ppb		99
47) 1,1,2-Trichloroethane	6.98	83	107395	10.06	ppb		98
48) 1,3-Dichloropropane	7.15	76	213593	10.06	ppb	#	100
49) Tetrachloroethylene	7.14	166	456596	9.41	ppb		99
50) 4-Methyl-2-Pentanone	6.42	43	79455	9.36	ppb		99
51) Dibromochloromethane	7.38	129	151001	10.02	ppb		99
52) 1,2-Dibromoethane	7.49	107	121357	10.42	ppb		99
53) Chlorobenzene	8.00	112	850192	10.01	ppb		99
54) Ethyl Benzene	8.13	91	1578631	9.45	ppb		100
55) p- & m-Xylenes	8.25	91	2364233	18.94	ppb		98
56) o-Xylene	8.67	91	1120280	9.71	ppb		99
57) Styrene	8.68	104	791040	10.22	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.09	131	239019	10.28	ppb		99
60) Bromoform	8.86	173	58720	9.97	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	119004	9.91	ppb		99
63) 1,2,3-Trichloropropane	9.42	110	30695	9.49	ppb		96
64) Isopropylbenzene	9.06	105	1644868	9.86	ppb	#	100
65) 1,2-Dibromo-3-Chloropropan	11.79	75	11367	9.69	ppb		95
66) Bromobenzene	9.38	77	403981	10.15	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	110433	9.85	ppb		100
68) n-Propylbenzene	9.52	91	1957456	9.75	ppb		99
69) 2-Chlorotoluene	9.59	91	1022116	9.55	ppb		99
70) 4-Chlorotoluene	9.71	91	922893	9.47	ppb		100
71) tert-Butylbenzene	10.06	119	1268245	10.14	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	1172939	9.66	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	968305	9.67	ppb		99
74) sec-Butylbenzene	10.31	105	1862991	9.66	ppb		100
75) 1,3-Dichlorobenzene	10.42	146	481253	9.71	ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	424390	9.74	ppb	#	68
77) 1,2-Dichlorobenzene	10.92	146	334667	9.71	ppb	#	99
78) p-Isopropyltoluene	10.48	119	1260798	9.71	ppb	#	97
79) n-Butylbenzene	10.93	91	1216794	9.61	ppb	#	85
80) 1,2,4-Trichlorobenzene	12.74	180	148929	9.45	ppb		96
81) Naphthalene	13.00	128	111776	9.26	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.95	225	148141	8.27	ppb	#	100
83) 1,2,3-Trichlorobenzene	13.28	182	93711	8.94	ppb	#	51

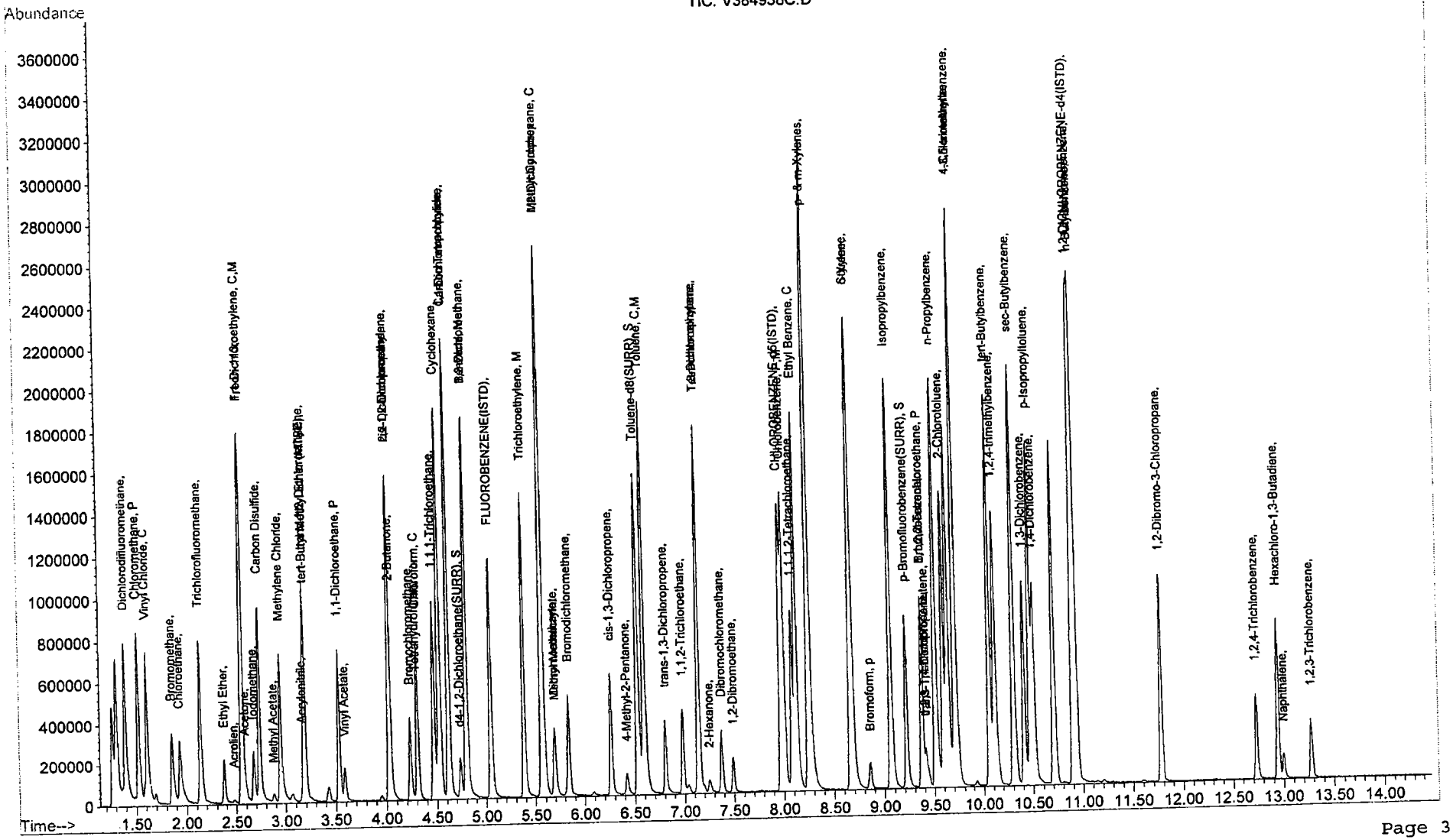
(#) = qualifier out of range (m) = manual integration
V384938C.D V3RCPB47.M Fri May 25 15:16:33 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384938C.D Vial: 12
Acq On : 18 May 2012 4:02 pm Operator: SS
Sample : 10 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384938C.D



Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384940C.D Vial: 14
Acq On : 18 May 2012 4:47 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	203245	10.00 ppb	0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	881389	10.00 ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	205155	10.00 ppb	0.00
System Monitoring Compounds					
31) d4-1,2-Dichloroethane(SURR	4.74	65	99362	9.35 ppb	0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 93.50%		
44) Toluene-d8(SURR)	6.53	98	1134650	9.65 ppb	0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.50%		
61) p-Bromofluorobenzene(SURR)	9.22	174	270344	10.48 ppb	0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 104.80%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.39	85	1563240	20.05 ppb	99
3) Chloromethane	1.52	50	1529998	20.93 ppb	100
4) Vinyl Chloride	1.61	62	1543709	22.47 ppb	99
5) Bromomethane	1.86	94	546876	24.11 ppb	98
6) Chloroethane	1.93	64	696319	20.24 ppb	99
7) Trichlorofluoromethane	2.14	101	1130586	18.92 ppb	100
8) Freon-113	2.56	101	921432	19.39 ppb	99
9) 1,1-Dichloroethylene	2.56	61	1012968	19.65 ppb	99
10) Acrolien	2.48	56	25424	22.24 ppb	98
11) Iodomethane	2.68	142	584011	18.59 ppb	99
12) Methyl Acetate	2.88	43	81668	20.29 ppb	99
13) Ethyl Ether	2.37	59	227575	21.83 ppb	97
14) trans-1,2-Dichloroethylene	3.18	61	871700	20.55 ppb	99
15) Carbon Disulfide	2.73	76	2543878	21.94 ppb	100
16) Methylene Chloride	2.95	49	659964	21.56 ppb	98
17) Acrylonitrile	3.16	53	40300	22.49 ppb #	79
18) tert-Butyl Methyl Ether (M	3.20	73	391108	22.85 ppb	99
19) Acetone	2.60	43	56835	17.86 ppb #	100
20) 1,1-Dichloroethane	3.53	63	1284046	21.00 ppb	99
21) Vinyl Acetate	3.59	43	428936	22.97 ppb	100
22) cis-1,2-Dichloroethylene	4.03	96	802619	21.51 ppb #	100
23) 2-Butanone	4.04	72	17909	24.64 ppb	85
24) 2,2-Dichloropropane	4.03	77	925610	19.46 ppb	100
25) Bromochloromethane	4.23	49	329308	22.59 ppb	97
26) Chloroform	4.31	83	1045595	20.21 ppb	100
27) Tetrahydrofuran	4.30	71	15911	22.95 ppb	73
28) 1,1-Dichloropropylene	4.62	75	1087030	17.77 ppb	99
29) 1,1,1-Trichloroethane	4.47	97	1117624	19.19 ppb	99
30) Cyclohexane	4.53	56	1857715	19.56 ppb	99
32) Carbon Tetrachloride	4.62	117	957111	18.97 ppb	99
33) 1,2-Dichloroethane	4.81	62	324804	18.80 ppb #	87
34) Benzene	4.80	78	2806025	21.22 ppb	99
36) Trichloroethylene	5.39	95	866914	18.99 ppb	97
37) Methyl Cyclohexane	5.57	83	1781329	18.29 ppb #	100
38) Dibromomethane	5.69	93	185337	19.96 ppb	98
39) Methyl Methacrylate	5.70	69	118298	20.23 ppb	100
40) Bromodichloromethane	5.84	83	561005	19.60 ppb	100
41) 1,2-Dichloropropane	5.58	63	551737	19.97 ppb #	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384940C.D Vial: 14
Acq On : 18 May 2012 4:47 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.26	75	689809	21.66	ppb		100
43) 2-Hexanone	7.25	43	99209	21.08	ppb		100
45) Toluene	6.60	91	2905833	18.82	ppb		100
46) trans-1,3-Dichloropropene	6.80	75	406465	22.54	ppb		99
47) 1,1,2-Trichloroethane	6.98	83	222754	20.99	ppb		96
48) 1,3-Dichloropropane	7.15	76	425603	20.17	ppb	#	100
49) Tetrachloroethylene	7.14	166	923081	19.14	ppb		99
50) 4-Methyl-2-Pentanone	6.42	43	152729	18.09	ppb		99
51) Dibromochloromethane	7.37	129	316850	21.15	ppb		99
52) 1,2-Dibromoethane	7.49	107	238999	20.65	ppb		99
53) Chlorobenzene	8.01	112	1687659	19.99	ppb		99
54) Ethyl Benzene	8.13	91	3094727	18.64	ppb		99
55) p- & m-Xylenes	8.25	91	4545468	36.62	ppb		98
56) o-Xylene	8.67	91	2157116	18.81	ppb		99
57) Styrene	8.68	104	1563886	20.32	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.08	131	476689	20.63	ppb		99
60) Bromoform	8.86	173	134158	23.71	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	244167	21.16	ppb		99
63) 1,2,3-Trichloropropane	9.42	110	59765	19.23	ppb		98
64) Isopropylbenzene	9.07	105	3205944	20.00	ppb	#	99
65) 1,2-Dibromo-3-Chloropropan	11.78	75	26289	23.33	ppb		94
66) Bromobenzene	9.38	77	779793	20.38	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	238022	22.09	ppb		100
68) n-Propylbenzene	9.51	91	3890086	20.17	ppb		99
69) 2-Chlorotoluene	9.60	91	2065369	20.08	ppb		99
70) 4-Chlorotoluene	9.71	91	1782020	19.03	ppb		99
71) tert-Butylbenzene	10.07	119	2480593	20.63	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	2207206	18.92	ppb	#	100
73) 1,2,4-trimethylbenzene	10.12	105	1912217	19.86	ppb		99
74) sec-Butylbenzene	10.31	105	3650314	19.70	ppb		99
75) 1,3-Dichlorobenzene	10.41	146	987846	20.74	ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	861418	20.57	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	679791	20.53	ppb	#	99
78) p-Isopropyltoluene	10.47	119	2511910	20.13	ppb	#	97
79) n-Butylbenzene	10.93	91	2494131	20.49	ppb		99
80) 1,2,4-Trichlorobenzene	12.73	180	355926	23.50	ppb		99
81) Naphthalene	13.00	128	266040	22.95	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.94	225	348845	20.26	ppb	#	100
83) 1,2,3-Trichlorobenzene	13.27	182	229300	22.77	ppb	#	96

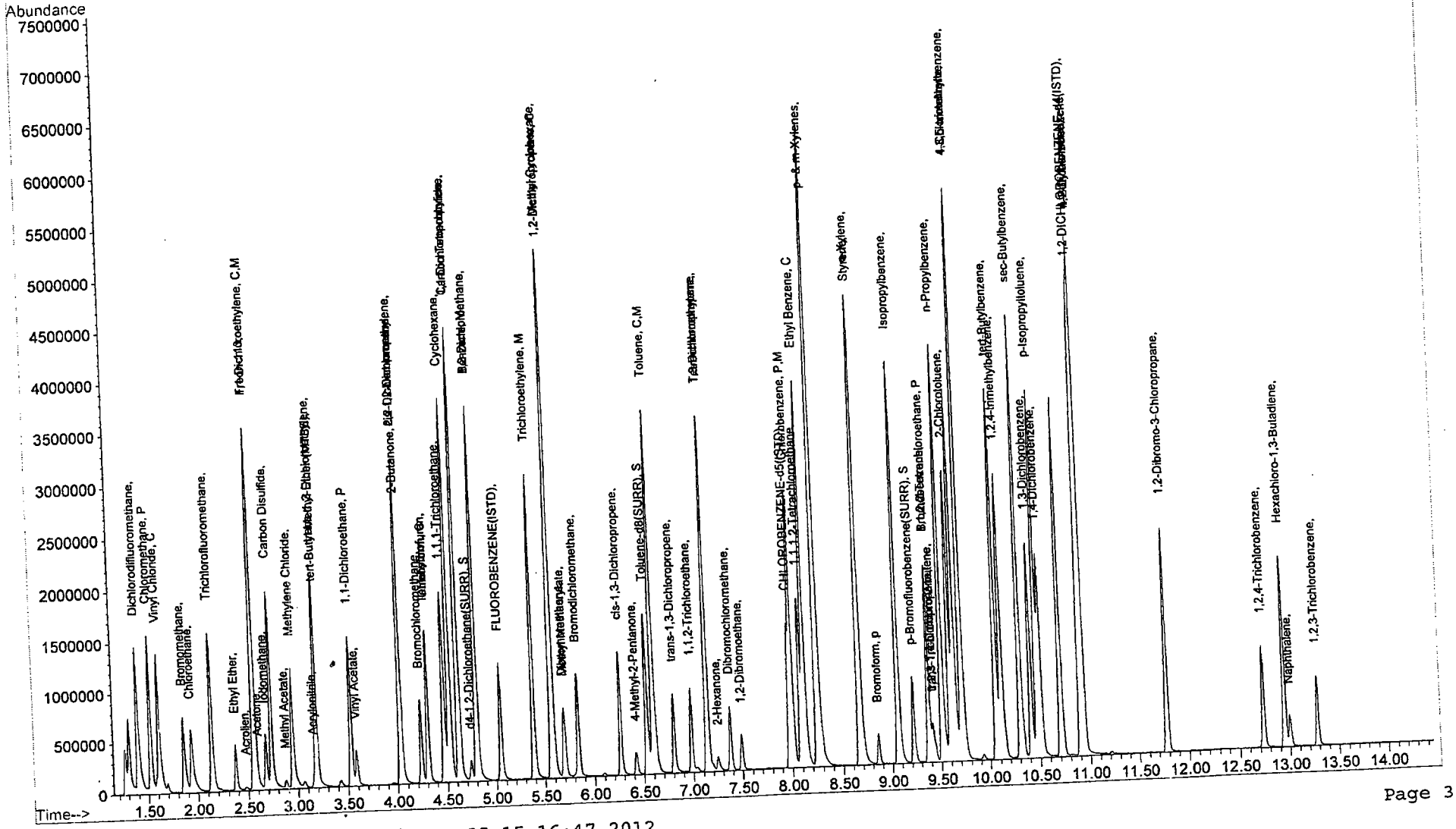
(#) = qualifier out of range (m) = manual integration
V384940C.D V3RCPB47.M Fri May 25 15:16:46 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384940C.D Vial: 14
Acq On : 18 May 2012 4:47 pm Operator: SS
Sample : 20 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 9:04 19112 Quant Results File: V3RCPB46.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384940C.D



V384940C.D V3RCPB47.M Fri May 25 15:16:47 2012 Page 3

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384942C.D Vial: 16
Acq On : 18 May 2012 5:38 pm Operator: SS
Sample : 40 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P Quant Results File: V3RCPB46.RES
Quant Time: May 21 9:04 19112

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.04	70	192615	10.00 ppb	-0.01
35) CHLOROBENZENE-d5(ISTD)	7.98	117	865031	10.00 ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	210444	10.00 ppb	0.00
System Monitoring Compounds					
31) d4-1,2-Dichloroethane(SURR	4.74	65	103186	10.25 ppb	-0.01
Spiked Amount 10.000	Range 64 - 122		Recovery = 102.50%		
44) Toluene-d8(SURR)	6.53	98	1094112	9.48 ppb	-0.01
Spiked Amount 10.000	Range 83 - 114		Recovery = 94.80%		
61) p-Bromofluorobenzene(SURR)	9.22	174	273278	10.32 ppb	-0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 103.20%		
Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.39	85	3107341	42.06 ppb	99
3) Chloromethane	1.52	50	3102492	44.78 ppb	100
4) Vinyl Chloride	1.61	62	2978696	45.74 ppb	99
5) Bromomethane	1.85	94	1131468	52.63 ppb	100
6) Chloroethane	1.94	64	1345136	41.26 ppb	99
7) Trichlorofluoromethane	2.14	101	2284609	40.33 ppb	100
8) Freon-113	2.56	101	1762701	39.14 ppb	99
9) 1,1-Dichloroethylene	2.55	61	1879534	38.48 ppb	98
10) Acrolien	2.47	56	63672	58.78 ppb	93
11) Iodomethane	2.68	142	1014748	34.08 ppb	99
12) Methyl Acetate	2.87	43	183761	48.17 ppb	100
13) Ethyl Ether	2.37	59	505849	51.21 ppb	96
14) trans-1,2-Dichloroethylene	3.18	61	1700778	42.30 ppb	99
15) Carbon Disulfide	2.74	76	4867226	44.30 ppb	100
16) Methylene Chloride	2.95	49	1204301	41.51 ppb	99
17) Acrylonitrile	3.15	53	90655	53.39 ppb #	79
18) tert-Butyl Methyl Ether (M	3.20	73	871919	53.76 ppb	99
19) Acetone	2.60	43	89014	29.52 ppb #	100
20) 1,1-Dichloroethane	3.53	63	2507003	43.26 ppb	99
21) Vinyl Acetate	3.58	43	995880	56.28 ppb	100
22) cis-1,2-Dichloroethylene	4.03	96	1584374	44.80 ppb #	100
23) 2-Butanone	4.05	72	42261	61.34 ppb	73
24) 2,2-Dichloropropane	4.03	77	1890688	41.94 ppb	100
25) Bromochloromethane	4.23	49	675578	48.89 ppb	98
26) Chloroform	4.31	83	2122484	43.29 ppb	100
27) Tetrahydrofuran	4.30	71	35909	54.64 ppb #	42
28) 1,1-Dichloropropylene	4.62	75	1944946	33.55 ppb	98
29) 1,1,1-Trichloroethane	4.47	97	2275803	41.22 ppb	99
30) Cyclohexane	4.53	56	3469655	38.55 ppb	100
32) Carbon Tetrachloride	4.62	117	1748728	36.58 ppb	98
33) 1,2-Dichloroethane	4.81	62	685840	41.88 ppb	100
34) Benzene	4.80	78	5250542	41.90 ppb	99
36) Trichloroethylene	5.39	95	1688240	37.68 ppb	98
37) Methyl Cyclohexane	5.57	83	3339033	34.92 ppb #	100
38) Dibromomethane	5.69	93	391812	43.00 ppb	98
39) Methyl Methacrylate	5.71	69	275457	48.00 ppb	100
40) Bromodichloromethane	5.84	83	1197133	42.61 ppb	99
41) 1,2-Dichloropropane	5.58	63	1072678	39.56 ppb	100

(#) = qualifier out of range (m) = manual integration
V384942C.D V3RCPB47.M Fri May 25 15:16:54 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384942C.D Vial: 16
Acq On : 18 May 2012 5:38 pm Operator: SS
Sample : 40 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P Quant Results File: V3RCPB46.RES
Quant Time: May 21 9:04 19112

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB46.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Wed May 09 10:30:07 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42) cis-1,3-Dichloropropene	6.26	75	1470647	47.05	ppb		100
43) 2-Hexanone	7.24	43	225989	48.93	ppb		100
45) Toluene	6.60	91	5563385	36.71	ppb		98
46) trans-1,3-Dichloropropene	6.81	75	915342	51.72	ppb		99
47) 1,1,2-Trichloroethane	6.98	83	458625	44.04	ppb		100
48) 1,3-Dichloropropane	7.15	76	872193	42.11	ppb	#	100
49) Tetrachloroethylene	7.14	166	1771961	37.45	ppb		99
50) 4-Methyl-2-Pentanone	6.42	43	375648	45.34	ppb		99
51) Dibromochloromethane	7.38	129	698130	47.49	ppb		99
52) 1,2-Dibromoethane	7.49	107	511354	45.02	ppb		100
53) Chlorobenzene	8.00	112	3348337	40.42	ppb		98
54) Ethyl Benzene	8.13	91	5827992	35.76	ppb		99
55) p- & m-Xylenes	8.25	91	8003379	65.70	ppb		95
56) o-Xylene	8.67	91	4093793	36.37	ppb		98
57) Styrene	8.68	104	3131545	41.46	ppb		99
58) 1,1,1,2-Tetrachloroethane	8.09	131	982272	43.32	ppb		98
60) Bromoform	8.86	173	313105	53.95	ppb	#	75
62) 1,1,2,2-Tetrachloroethane	9.38	83	509664	43.06	ppb		100
63) 1,2,3-Trichloropropane	9.42	110	134705	42.25	ppb		80
64) Isopropylbenzene	9.06	105	6016114	36.59	ppb	#	99
65) 1,2-Dibromo-3-Chloropropan	11.78	75	55632	48.14	ppb		94
66) Bromobenzene	9.38	77	1625909	41.43	ppb		99
67) trans-1,4-Dichloro-2-buten	9.42	75	514333	46.54	ppb		100
68) n-Propylbenzene	9.52	91	7126287	36.02	ppb		99
69) 2-Chlorotoluene	9.60	91	4017028	38.08	ppb		99
70) 4-Chlorotoluene	9.72	91	3358603	34.96	ppb		99
71) tert-Butylbenzene	10.07	119	4620548	37.47	ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	4140102	34.59	ppb	#	97
73) 1,2,4-trimethylbenzene	10.12	105	3763356	38.11	ppb		99
74) sec-Butylbenzene	10.31	105	6754862	35.54	ppb		99
75) 1,3-Dichlorobenzene	10.42	146	1953030	39.98	ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	1678602	39.07	ppb	#	99
77) 1,2-Dichlorobenzene	10.92	146	1331362	39.19	ppb	#	100
78) p-Isopropyltoluene	10.48	119	4750068	37.12	ppb	#	97
79) n-Butylbenzene	10.93	91	4617652	36.99	ppb		98
80) 1,2,4-Trichlorobenzene	12.74	180	790286	50.86	ppb		97
81) Naphthalene	13.00	128	687107	57.78	ppb	#	100
82) Hexachloro-1,3-Butadiene	12.95	225	654508	37.06	ppb	#	99
83) 1,2,3-Trichlorobenzene	13.28	182	509430	49.32	ppb		100

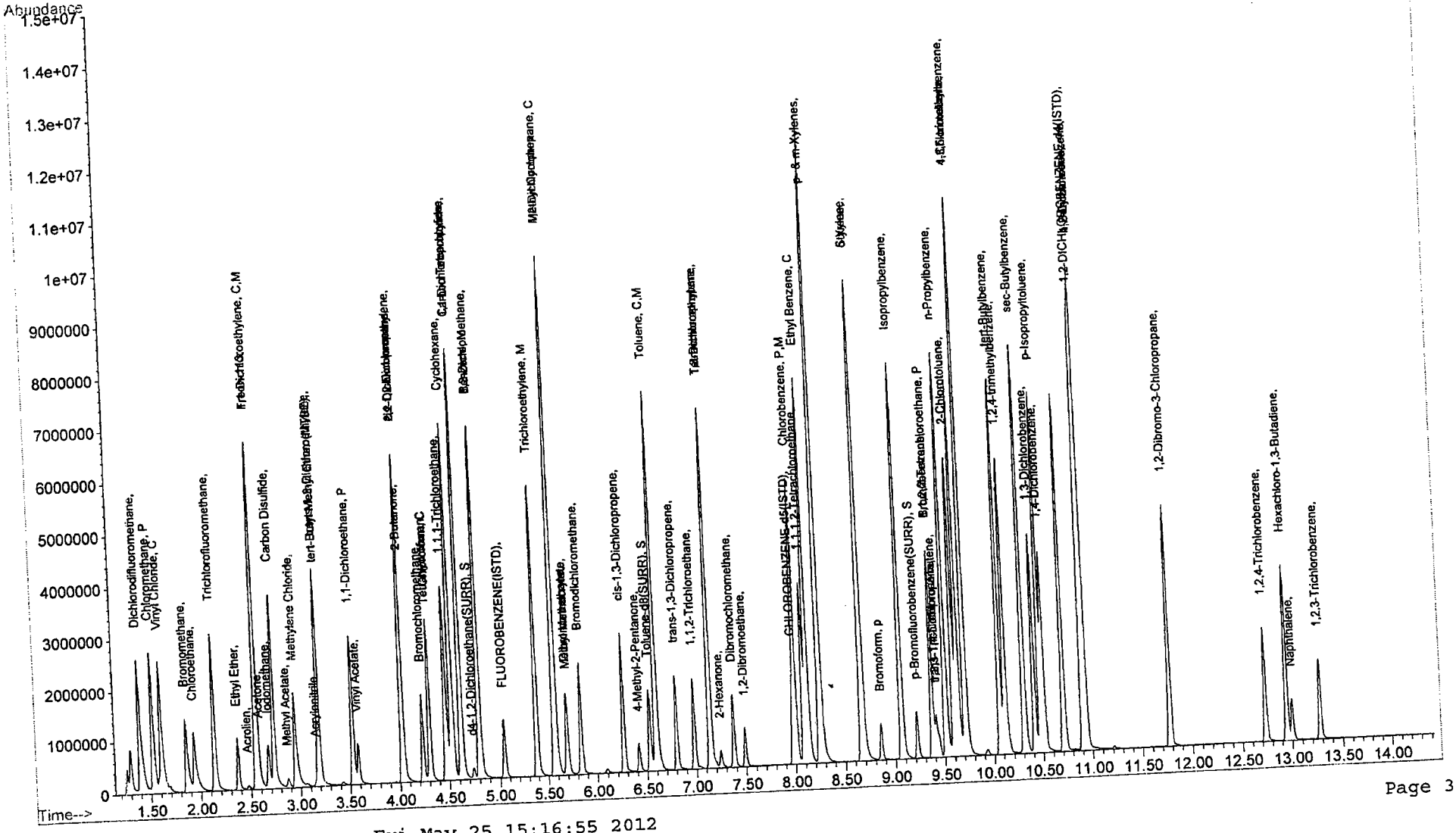
(#) = qualifier out of range (m) = manual integration
V384942C.D V3RCPB47.M Fri May 25 15:16:54 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384942C.D Vial: 16
Acq On : 18 May 2012 5:38 pm Operator: SS
Sample : 40 ppb VOA CALIBRATION STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P Quant Results File: V3RCPB46.RES
Quant Time: May 21 9:04 19112

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

TIC: V384942C.D



V384942C.D V3RCPB47.M Fri May 25 15:16:55 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3-1\DAILYDAT\V3051812\V384946C.D Vial: 20
Acq On : 18 May 2012 7:07 pm Operator: SS
Sample : 10 ppb VOA ICV STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:32 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	198088	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	852011	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	214607	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	95043	9.79	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 97.90%				
44) Toluene-d8(SURR)	6.53	98	1094575	10.00	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 100.00%				
61) p-Bromofluorobenzene(SURR)	9.23	174	262455	9.67	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 96.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	584152	7.41	ppb		99
3) Chloromethane	1.52	50	716714	8.91	ppb		100
4) Vinyl Chloride	1.61	62	673993	8.70	ppb		100
5) Bromomethane	1.86	94	275888	10.30	ppb		99
6) Chloroethane	1.94	64	310403	9.12	ppb		99
7) Trichlorofluoromethane	2.14	101	528205	9.39	ppb		100
8) Freon-113	2.57	101	467951	10.26	ppb		98
9) 1,1-Dichloroethylene	2.56	61	517446	10.47	ppb		100
10) Acrolien	2.48	56	8581	7.16	ppb		94
11) Iodomethane	2.68	142	170683	7.58	ppb		99
12) Methyl Acetate	2.88	43	46547	11.34	ppb	#	93
13) Ethyl Ether	2.38	59	107148	9.40	ppb		97
14) trans-1,2-Dichloroethylene	3.18	61	431182	10.31	ppb		100
15) Carbon Disulfide	2.74	76	2302247	19.24	ppb		100
16) Methylene Chloride	2.95	49	370677	7.90	ppb		99
17) Acrylonitrile	3.16	53	18188	9.36	ppb	#	82
18) tert-Butyl Methyl Ether (M	3.20	73	183848	9.97	ppb		99
19) Acetone	2.60	43	41336	8.85	ppb		100
20) 1,1-Dichloroethane	3.54	63	640447	10.35	ppb		100
21) Vinyl Acetate	3.60	43	148447	7.21	ppb		99
22) cis-1,2-Dichloroethylene	4.03	96	379861	9.96	ppb	#	100
23) 2-Butanone	4.05	72	8506	10.30	ppb		89
24) 2,2-Dichloropropane	4.03	77	443368	10.48	ppb		100
25) Bromochloromethane	4.24	49	158778	10.32	ppb	#	99
26) Chloroform	4.31	83	503105	10.01	ppb		100
27) Tetrahydrofuran	4.31	71	7479	10.59	ppb		79
28) 1,1-Dichloropropylene	4.62	75	569010	11.26	ppb		98
29) 1,1,1-Trichloroethane	4.47	97	552409	10.25	ppb		99
30) Cyclohexane	4.53	56	837954	8.96	ppb		100
32) Carbon Tetrachloride	4.62	117	472295	11.01	ppb		99
33) 1,2-Dichloroethane	4.81	62	168693	10.38	ppb		99
34) Benzene	4.80	78	1406179	10.24	ppb	#	95
36) Trichloroethylene	5.39	95	433434	10.40	ppb	#	100
37) Methyl Cyclohexane	5.57	83	830248	9.40	ppb	#	100
38) Dibromomethane	5.69	93	90694	10.43	ppb	#	63
39) Methyl Methacrylate	5.71	69	56240	10.03	ppb		98
40) Bromodichloromethane	5.84	83	271525	10.74	ppb		99
41) 1,2-Dichloropropane	5.58	63	269871	10.11	ppb		99

(#) = qualifier out of range (m) = manual integration
V384946C.D V3RCPB47.M Fri May 25 15:15:38 2012

Quantitation Report (Not Reviewed)

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384946C.D Vial: 20
Acq On : 18 May 2012 7:07 pm Operator: SS
Sample : 10 ppb VOA ICV STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:32 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

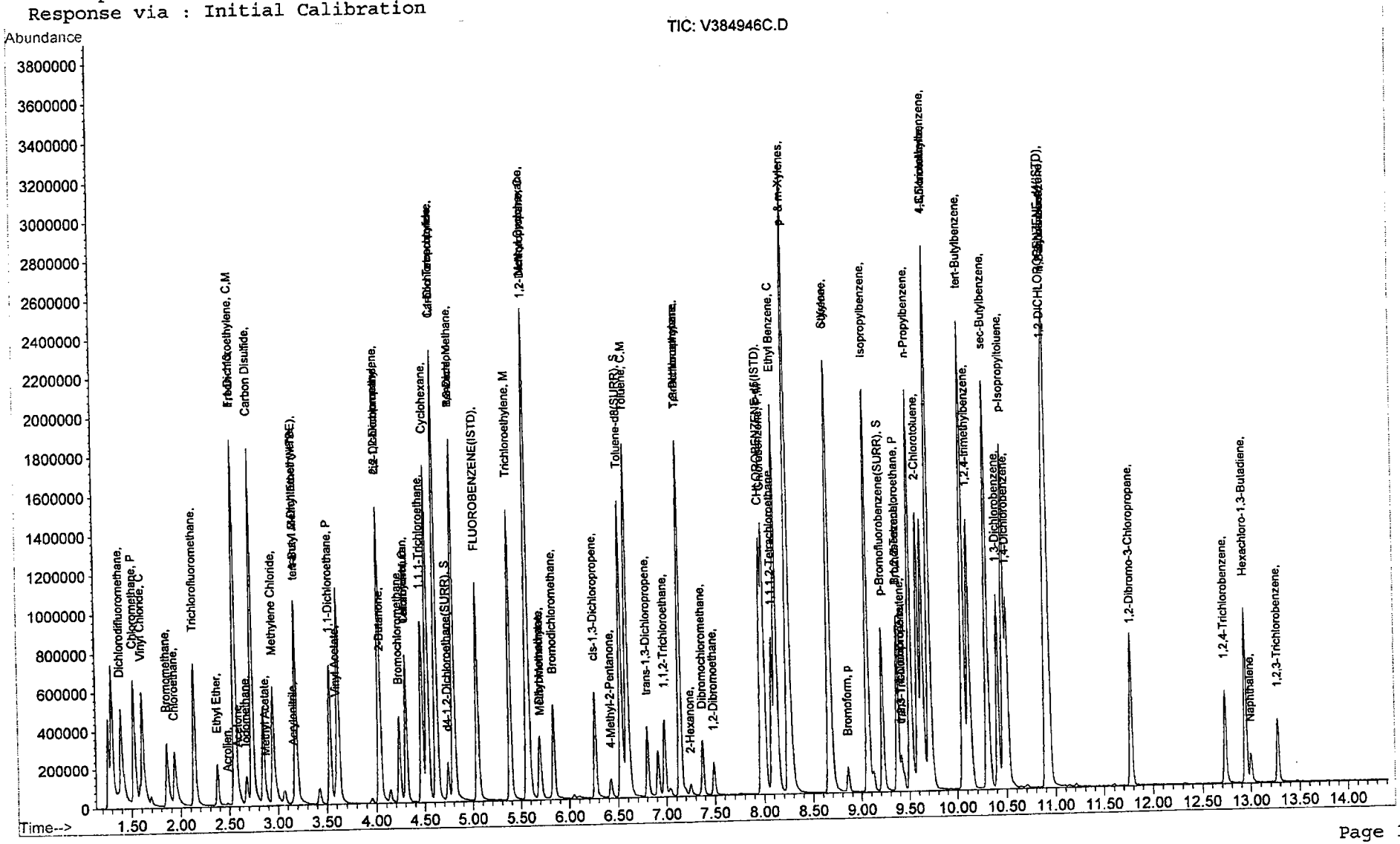
Compound	R.T.	QIon	Response	Conc Unit		Qvalue
42) cis-1,3-Dichloropropene	6.27	75	311543	10.04 ppb		100
43) 2-Hexanone	7.26	43	43815	9.52 ppb		96
45) Toluene	6.60	91	1463459	10.34 ppb		98
46) trans-1,3-Dichloropropene	6.80	75	181643	10.31 ppb		99
47) 1,1,2-Trichloroethane	6.98	83	103191	10.11 ppb		97
48) 1,3-Dichloropropane	7.15	76	199218	9.65 ppb	#	86
49) Tetrachloroethylene	7.14	166	488386	10.96 ppb		98
50) 4-Methyl-2-Pentanone	6.42	43	67624	8.95 ppb		100
51) Dibromochloromethane	7.38	129	146862	10.69 ppb		99
52) 1,2-Dibromoethane	7.49	107	112429	10.06 ppb		99
53) Chlorobenzene	8.01	112	812268	10.07 ppb		99
54) Ethyl Benzene	8.13	91	1698436	11.27 ppb		100
55) p- & m-Xylenes	8.25	91	2304385	20.47 ppb		100
56) o-Xylene	8.67	91	1063935	9.95 ppb		100
57) Styrene	8.68	104	762212	10.03 ppb	#	79
58) 1,1,1,2-Tetrachloroethane	8.09	131	222211	10.11 ppb		97
60) Bromoform	8.86	173	54907	9.50 ppb	#	100
62) 1,1,2,2-Tetrachloroethane	9.38	83	111017	8.92 ppb		99
63) 1,2,3-Trichloropropane	9.42	110	27243	9.13 ppb		89
64) Isopropylbenzene	9.07	105	1725071	10.46 ppb	#	89
65) 1,2-Dibromo-3-Chloropropan	11.79	75	10933	9.53 ppb		94
66) Bromobenzene	9.38	77	372537	9.17 ppb		100
67) trans-1,4-Dichloro-2-buten	9.42	75	110922	9.70 ppb		100
68) n-Propylbenzene	9.51	91	1968513	10.17 ppb		100
69) 2-Chlorotoluene	9.60	91	998859	9.56 ppb		100
70) 4-Chlorotoluene	9.72	91	934950	9.76 ppb		100
71) tert-Butylbenzene	10.07	119	1217658	9.76 ppb	#	100
72) 1,3,5-trimethylbenzene	9.71	105	1183395	10.00 ppb	#	74
73) 1,2,4-trimethylbenzene	10.12	105	1009430	10.32 ppb		95
74) sec-Butylbenzene	10.31	105	1873701	9.98 ppb		100
75) 1,3-Dichlorobenzene	10.42	146	467706	9.54 ppb	#	100
76) 1,4-Dichlorobenzene	10.51	146	407356	9.51 ppb	#	82
77) 1,2-Dichlorobenzene	10.92	146	321651	9.39 ppb	#	67
78) p-Isopropyltoluene	10.48	119	1326679	10.57 ppb	#	100
79) n-Butylbenzene	10.93	91	1261013	10.42 ppb	#	98
80) 1,2,4-Trichlorobenzene	12.73	180	167705	11.73 ppb		98
81) Naphthalene	13.00	128	131146	10.97 ppb	#	99
82) Hexachloro-1,3-Butadiene	12.95	225	167267	10.73 ppb	#	69
83) 1,2,3-Trichlorobenzene	13.28	182	107094	11.56 ppb	#	100

(#) = qualifier out of range (m) = manual integration
V384946C.D V3RCPB47.M Fri May 25 15:15:38 2012

Quantitation Report

Data File : R:\MSVOA3~1\DAILYDAT\V3051812\V384946C.D Vial: 20
Acq On : 18 May 2012 7:07 pm Operator: SS
Sample : 10 ppb VOA ICV STD DW Inst : VOA No. 3
Misc : QBV3051812A Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: May 21 11:32 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1		FLUOROBENZENE(ISTD)	1.000	1.000	0.0	90	0.00
2		Dichlorodifluoromethane	3.978	3.799	4.5	88	0.00
3	P	Chloromethane	4.062	4.028	0.8	91	0.00
4	C	Vinyl Chloride	3.913	3.916	-0.1	89	0.00
5		Bromomethane	1.353	1.334	1.4	94	0.00
6		Chloroethane	1.718	1.698	1.2	89	0.00
7		Trichlorofluoromethane	2.839	2.978	-4.9	97	0.00
8		Freon-113	2.303	2.283	0.9	92	0.00
9	C,M	1,1-Dichloroethylene	2.495	2.529	-1.4	91	0.00
10		Acrolien	0.061	0.055	9.8	84	0.00
11		Iodomethane	1.136	0.996	12.3	70	0.00
12		Methyl Acetate	0.207	0.214	-3.4	96	0.00
13		Ethyl Ether	0.575	0.580	-0.9	94	0.00
14		trans-1,2-Dichloroethylene	2.112	2.127	-0.7	92	0.00
15		Carbon Disulfide	6.040	6.306	-4.4	93	0.00
16		Methylene Chloride	2.368	1.585	33.1#	76	0.00
17		Acrylonitrile	0.098	0.100	-2.0	97	0.00
18		tert-Butyl Methyl Ether (MT	0.931	1.046	-12.4	105	0.00
19		Acetone	0.236	0.226	4.2	115	0.00
20	P	1,1-Dichloroethane	3.123	3.202	-2.5	91	0.00
21		Vinyl Acetate	1.040	1.134	-9.0	100	0.00
22		cis-1,2-Dichloroethylene	1.926	2.042	-6.0	95	0.00
23		2-Butanone	0.042	0.050#	-19.0	86	0.00
24		2,2-Dichloropropane	2.136	2.068	3.2	83	0.00
25		Bromochloromethane	0.776	0.815	-5.0	93	0.00
26	C	Chloroform	2.537	2.753	-8.5	97	0.00
27		Tetrahydrofuran	0.036	0.041#	-13.9	108	0.00
28		1,1-Dichloropropylene	2.550	3.039	-19.2	111	0.00
29		1,1,1-Trichloroethane	2.721	2.951	-8.5	97	0.00
30		Cyclohexane	4.719	4.797	-1.7	94	0.00
31	S	d4-1,2-Dichloroethane(SURR)	0.490	0.503	-2.7	94	0.00
32		Carbon Tetrachloride	2.166	2.634	-21.6	110	0.00
33		1,2-Dichloroethane	0.820	0.888	-8.3	99	0.00
34	M	Benzene	6.930	7.268	-4.9	93	0.00
35		CHLOROBENZENE-d5(ISTD)	1.000	1.000	0.0	94	0.00
36	M	Trichloroethylene	0.489	0.494	-1.0	94	0.00
37		Methyl Cyclohexane	1.037	1.043	-0.6	96	0.00
38		Dibromomethane	0.102	0.104	-2.0	93	0.00
39		Methyl Methacrylate	0.066	0.076	-15.2	106	0.00
40		Bromodichloromethane	0.297	0.333	-12.1	101	0.00
41	C	1,2-Dichloropropane	0.313	0.314	-0.3	94	0.00
42		cis-1,3-Dichloropropene	0.364	0.384	-5.5	97	0.00
43		2-Hexanone	0.054	0.055	-1.9	97	0.01
44	S	Toluene-d8(SURR)	1.285	1.243	3.3	90	0.00
45	C,M	Toluene	1.661	1.682	-1.3	95	0.00
46		trans-1,3-Dichloropropene	0.207	0.220	-6.3	95	0.00
47		1,1,2-Trichloroethane	0.120	0.126	-5.0	98	0.00
48		1,3-Dichloropropane	0.242	0.243	-0.4	95	0.00
49		Tetrachloroethylene	0.523	0.530	-1.3	97	0.00
50		4-Methyl-2-Pentanone	0.089	0.091	-2.2	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Multiple Level Calibration

Min. RRF : 0.050 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
51		Dibromochloromethane	0.161	0.181	-12.4	100	0.00
52		1,2-Dibromoethane	0.131	0.134	-2.3	92	0.00
53	P,M	Chlorobenzene	0.947	0.972	-2.6	95	0.00
54	C	Ethyl Benzene	1.769	1.817	-2.7	96	0.00
55		p- & m-Xylenes	1.321	1.374	-4.0	97	0.00
56		o-Xylene	1.255	1.298	-3.4	97	0.00
57		Styrene	0.891	0.919	-3.1	97	0.00
58		1,1,1,2-Tetrachloroethane	0.258	0.271	-5.0	95	0.00
59		1,2-DICHLOROBENZENE-d4(ISTD	1.000	1.000	0.0	103	0.00
60	p	Bromoform	0.269	0.282	-4.8	105	0.00
61	S	p-Bromofluorobenzene(SURR)	1.264	1.198	5.2	95	0.00
62	P	1,1,2,2-Tetrachloroethane	0.580	0.548	5.5	101	0.00
63		1,2,3-Trichloropropane	0.139	0.134	3.6	96	0.00
64		Isopropylbenzene	7.683	7.273	5.3	97	0.00
65		1,2-Dibromo-3-Chloropropane	0.053	0.062	-17.0	120	0.00
66		Bromobenzene	1.894	1.784	5.8	97	0.00
67		trans-1,4-Dichloro-2-butene	0.533	0.523	1.9	104	0.00
68		n-Propylbenzene	9.018	8.843	1.9	99	0.00
69		2-Chlorotoluene	4.866	4.569	6.1	98	0.00
70		4-Chlorotoluene	4.462	4.278	4.1	102	0.00
71		tert-Butylbenzene	5.812	5.060	12.9	87	0.00
72		1,3,5-trimethylbenzene	5.515	5.390	2.3	101	0.00
73		1,2,4-trimethylbenzene	4.557	4.488	1.5	102	0.00
74		sec-Butylbenzene	8.746	8.551	2.2	101	0.00
75		1,3-Dichlorobenzene	2.286	2.275	0.5	104	0.00
76		1,4-Dichlorobenzene	1.996	2.029	-1.7	105	0.00
77		1,2-Dichlorobenzene	1.596	1.612	-1.0	106	0.00
78		p-Isopropyltoluene	5.847	5.838	0.2	102	0.00
79		n-Butylbenzene	5.641	5.882	-4.3	106	0.00
80		1,2,4-Trichlorobenzene	0.666	0.851	-27.8#	125	0.00
81		Naphthalene	0.557	0.669	-20.1	131	0.00
82		Hexachloro-1,3-Butadiene	0.726	0.824	-13.5	122	0.00
83		1,2,3-Trichlorobenzene	0.432	0.567	-31.2#	133	0.00

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	184396	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	834920	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	219285	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	92697	10.25	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 102.50%				
44) Toluene-d8(SURR)	6.53	98	1037620	9.67	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.70%				
61) p-Bromofluorobenzene(SURR)	9.22	174	262714	9.48	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 94.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	700431	9.55	ppb		100
3) Chloromethane	1.53	50	742709	9.92	ppb		100
4) Vinyl Chloride	1.61	62	722016	10.01	ppb		100
5) Bromomethane	1.86	94	245974	9.86	ppb		99
6) Chloroethane	1.93	64	313156	9.89	ppb		100
7) Trichlorofluoromethane	2.14	101	549185	10.49	ppb		99
8) Freon-113	2.56	101	421064	9.92	ppb		99
9) 1,1-Dichloroethylene	2.56	61	466390	10.14	ppb		100
10) Acrolien	2.47	56	10077	9.03	ppb		95
11) Iodomethane	2.68	142	183662	8.76	ppb		99
12) Methyl Acetate	2.88	43	39386	10.30	ppb		99
13) Ethyl Ether	2.37	59	106975	10.08	ppb		98
14) trans-1,2-Dichloroethylene	3.18	61	392130	10.07	ppb		99
15) Carbon Disulfide	2.74	76	1162826	10.44	ppb		100
16) Methylene Chloride	2.96	49	292345	6.70	ppb		99
17) Acrylonitrile	3.15	53	18356	10.15	ppb	#	68
18) tert-Butyl Methyl Ether (M	3.20	73	192845	11.23	ppb		99
19) Acetone	2.60	43	41621	9.58	ppb		99
20) 1,1-Dichloroethane	3.54	63	590380	10.25	ppb		99
21) Vinyl Acetate	3.59	43	209021	10.90	ppb		100
22) cis-1,2-Dichloroethylene	4.03	96	376489	10.60	ppb	#	99
23) 2-Butanone	4.05	72	9197	11.96	ppb		85
24) 2,2-Dichloropropane	4.03	77	381417	9.68	ppb		100
25) Bromochloromethane	4.24	49	150325	10.50	ppb	#	55
26) Chloroform	4.31	83	507701	10.85	ppb		100
27) Tetrahydrofuran	4.30	71	7505	11.42	ppb		92
28) 1,1-Dichloropropylene	4.62	75	560392	11.92	ppb		99
29) 1,1,1-Trichloroethane	4.47	97	544199	10.84	ppb		100
30) Cyclohexane	4.53	56	884499	10.17	ppb		99
32) Carbon Tetrachloride	4.63	117	485715	12.16	ppb		99
33) 1,2-Dichloroethane	4.81	62	163668	10.82	ppb	#	96
34) Benzene	4.80	78	1340275	10.49	ppb	#	95
36) Trichloroethylene	5.39	95	412404	10.10	ppb	#	67
37) Methyl Cyclohexane	5.57	83	870800	10.06	ppb	#	100
38) Dibromomethane	5.69	93	86882	10.20	ppb		98
39) Methyl Methacrylate	5.70	69	63637	11.58	ppb		100
40) Bromodichloromethane	5.84	83	277711	11.21	ppb		99
41) 1,2-Dichloropropane	5.58	63	262192	10.02	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

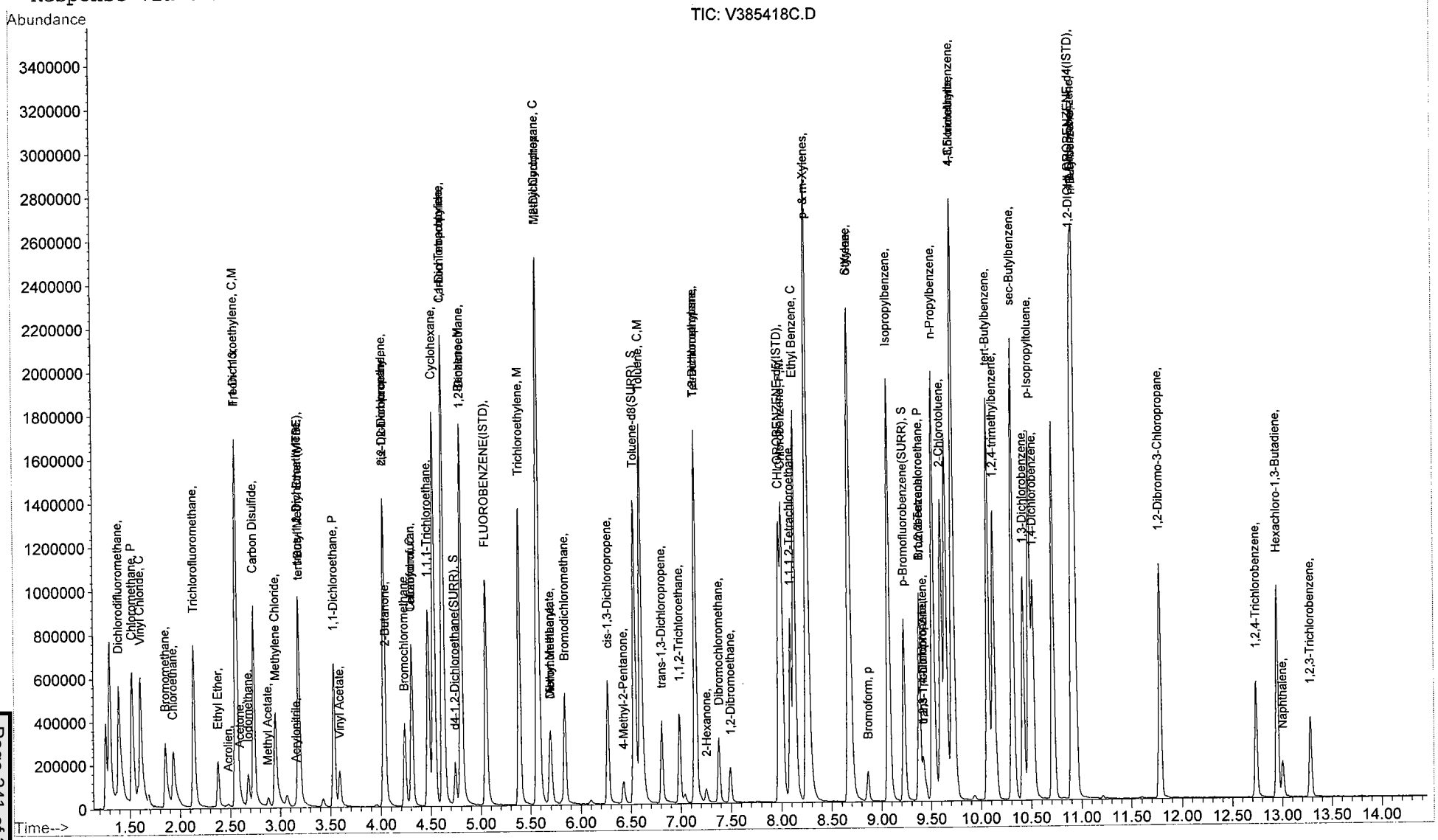
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	cis-1,3-Dichloropropene	6.27	75	320445	10.54	ppb		100
43)	2-Hexanone	7.25	43	46088	10.22	ppb		96
45)	Toluene	6.60	91	1404636	10.13	ppb		100
46)	trans-1,3-Dichloropropene	6.81	75	184063	10.67	ppb		99
47)	1,1,2-Trichloroethane	6.98	83	105317	10.53	ppb		99
48)	1,3-Dichloropropane	7.15	76	203188	10.05	ppb	#	86
49)	Tetrachloroethylene	7.15	166	442815	10.15	ppb		99
50)	4-Methyl-2-Pentanone	6.43	43	75729	10.23	ppb		100
51)	Dibromochloromethane	7.38	129	151010	11.22	ppb		99
52)	1,2-Dibromoethane	7.49	107	112121	10.24	ppb		98
53)	Chlorobenzene	8.01	112	811765	10.27	ppb		99
54)	Ethyl Benzene	8.13	91	1516677	10.27	ppb		100
55)	p- & m-Xylenes	8.26	91	2293680	20.79	ppb		100
56)	o-Xylene	8.67	91	1083768	10.34	ppb		100
57)	Styrene	8.68	104	767003	10.30	ppb		99
58)	1,1,1,2-Tetrachloroethane	8.09	131	226406	10.51	ppb		98
60)	Bromoform	8.86	173	61753	10.45	ppb	#	100
62)	1,1,2,2-Tetrachloroethane	9.38	83	120193	9.45	ppb	#	70
63)	1,2,3-Trichloropropane	9.42	110	29352	9.63	ppb		95
64)	Isopropylbenzene	9.07	105	1594916	9.47	ppb	#	89
65)	1,2-Dibromo-3-Chloropropan	11.78	75	13599	11.60	ppb		100
66)	Bromobenzene	9.38	77	391233	9.42	ppb		100
67)	trans-1,4-Dichloro-2-buten	9.42	75	114754	9.82	ppb		100
68)	n-Propylbenzene	9.52	91	1939212	9.81	ppb		100
69)	2-Chlorotoluene	9.60	91	1002021	9.39	ppb		100
70)	4-Chlorotoluene	9.72	91	938094	9.59	ppb		100
71)	tert-Butylbenzene	10.07	119	1109490	8.70	ppb	#	99
72)	1,3,5-trimethylbenzene	9.72	105	1181980	9.77	ppb	#	99
73)	1,2,4-trimethylbenzene	10.13	105	984044	9.85	ppb		99
74)	sec-Butylbenzene	10.31	105	1875009	9.78	ppb		100
75)	1,3-Dichlorobenzene	10.42	146	498813	9.95	ppb	#	68
76)	1,4-Dichlorobenzene	10.52	146	444883	10.17	ppb	#	82
77)	1,2-Dichlorobenzene	10.93	146	353495	10.10	ppb	#	100
78)	p-Isopropyltoluene	10.48	119	1280229	9.99	ppb	#	100
79)	n-Butylbenzene	10.94	91	1289820	10.43	ppb	#	73
80)	1,2,4-Trichlorobenzene	12.74	180	186668	12.78	ppb		99
81)	Naphthalene	13.00	128	146683	12.01	ppb	#	100
82)	Hexachloro-1,3-Butadiene	12.95	225	180751	11.35	ppb	#	99
83)	1,2,3-Trichlorobenzene	13.28	182	124310	13.13	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385418C.D Vial: 27
Acq On : 6 Jun 2012 3:09 am Operator: SS
Sample : 10 ppb VOA CAL CHECK STD DW Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



FORM I

METHOD BLANK DATA SHEET
EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	BF20125-BLK1	File ID:	V385424B.D
Prepared:	06/05/12 08:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/06/12 05:42	Instrument:	VOA No. 3		
Batch:	BF20125	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
75-35-4	1,1-Dichloroethylene	0.50	U
563-58-6	1,1-Dichloropropylene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	2.0	U
96-18-4	1,2,3-Trichloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	2.0	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	U
106-93-4	1,2-Dibromoethane	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
591-78-6	2-Hexanone	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
67-64-1	Acetone	6.0	
71-43-2	Benzene	0.50	U
108-86-1	Bromobenzene	0.50	U
74-97-5	Bromochloromethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	BF20125-BLK1	File ID:	V385424B.D
Prepared:	06/05/12 08:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/06/12 05:42	Instrument:	VOA No. 3		
Batch:	BF20125	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
75-25-2	Bromoform	0.50	U
74-83-9	Bromomethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
108-90-7	Chlorobenzene	0.50	U
75-00-3	Chloroethane	0.50	U
67-66-3	Chloroform	0.50	U
74-87-3	Chloromethane	0.50	U
156-59-2	cis-1,2-Dichloroethylene	0.50	U
10061-01-5	cis-1,3-Dichloropropylene	0.50	U
124-48-1	Dibromochloromethane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-71-8	Dichlorodifluoromethane	0.50	U
100-41-4	Ethyl Benzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
98-82-8	Isopropylbenzene	0.50	U
1634-04-4	Methyl tert-butyl ether (MTBE)	0.50	U
75-09-2	Methylene chloride	1.6	J
91-20-3	Naphthalene	2.0	U
104-51-8	n-Butylbenzene	0.50	U
103-65-1	n-Propylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
1330-20-7P/M	p- & m- Xylenes	1.0	U
99-87-6	p-Isopropyltoluene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
100-42-5	Styrene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
127-18-4	Tetrachloroethylene	0.50	U
108-88-3	Toluene	0.50	U
156-60-5	trans-1,2-Dichloroethylene	0.50	U
10061-02-6	trans-1,3-Dichloropropylene	0.50	U

FORM I

METHOD BLANK DATA SHEET

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.		SDG:	12F0116	
Client:	Leggette Brashears & Graham Shelton Office		Project:	Rowe Industries	
Matrix:	Water	Laboratory ID:	BF20125-BLK1	File ID:	V385424B.D
Prepared:	06/05/12 08:35	Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL
Analyzed:	06/06/12 05:42	Instrument:	VOA No. 3		
Batch:	BF20125	Sequence:		Calibration:	

CAS NO.	COMPOUND	CONC. (ug/L)	Q
79-01-6	Trichloroethylene	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-01-4	Vinyl Chloride	0.50	U
1330-20-7	Xylenes, Total	1.5	U

SYSTEM MONITORING COMPOUND	ADDED (ug/L)	CONC (ug/L)	% REC	QC LIMITS	Q
1,2-Dichloroethane-d4	10.0	10.3	103	72.6 - 129	
p-Bromofluorobenzene	10.0	9.39	93.9	63.5 - 145	
Toluene-d8	10.0	10.0	100	81.2 - 127	

Quantitation Report (QT Reviewed)

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385424B.D Vial: 33
Acq On : 6 Jun 2012 5:42 am Operator: SS
Sample : BF20125-BLK1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:00 19112 Quant Results File: V3RCPB47.RE

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

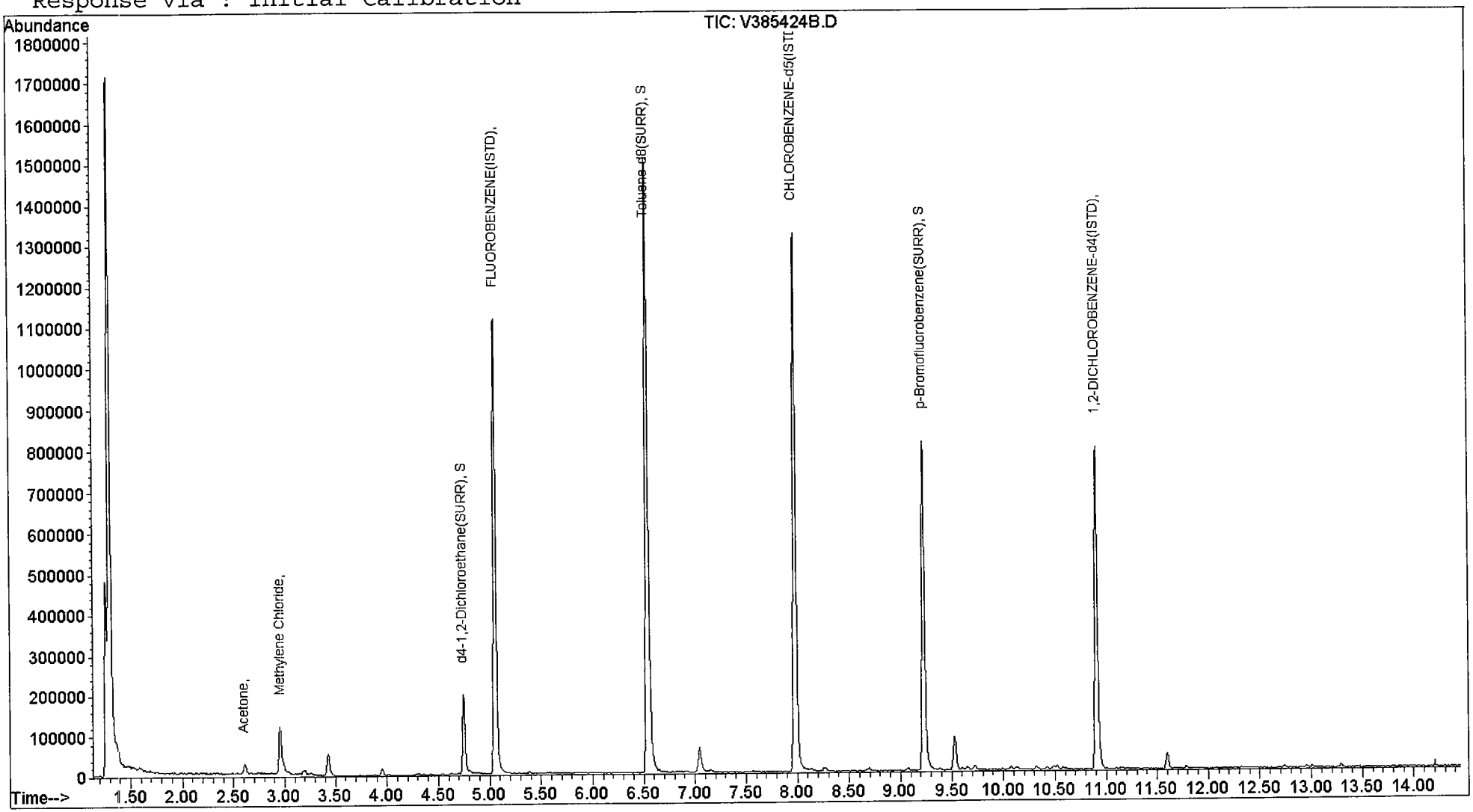
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) FLUOROBENZENE(ISTD)	5.06	70	205639	10.00	ppb	0.01
35) CHLOROBENZENE-d5(ISTD)	7.98	117	884391	10.00	ppb	0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.91	152	237230	10.00	ppb	0.00
System Monitoring Compounds						
31) d4-1,2-Dichloroethane(SURR	4.74	65	103615	10.28	ppb	0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 102.80%			
44) Toluene-d8(SURR)	6.53	98	1141243	10.04	ppb	0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 100.40%			
61) p-Bromofluorobenzene(SURR)	9.23	174	281610	9.39	ppb	0.01
Spiked Amount 10.000	Range 71 - 126		Recovery = 93.90%			
Target Compounds						Qvalue
16) Methylene Chloride	2.95	49	76555	1.57	ppb	99
19) Acetone	2.61	43	29294	6.04	ppb	98

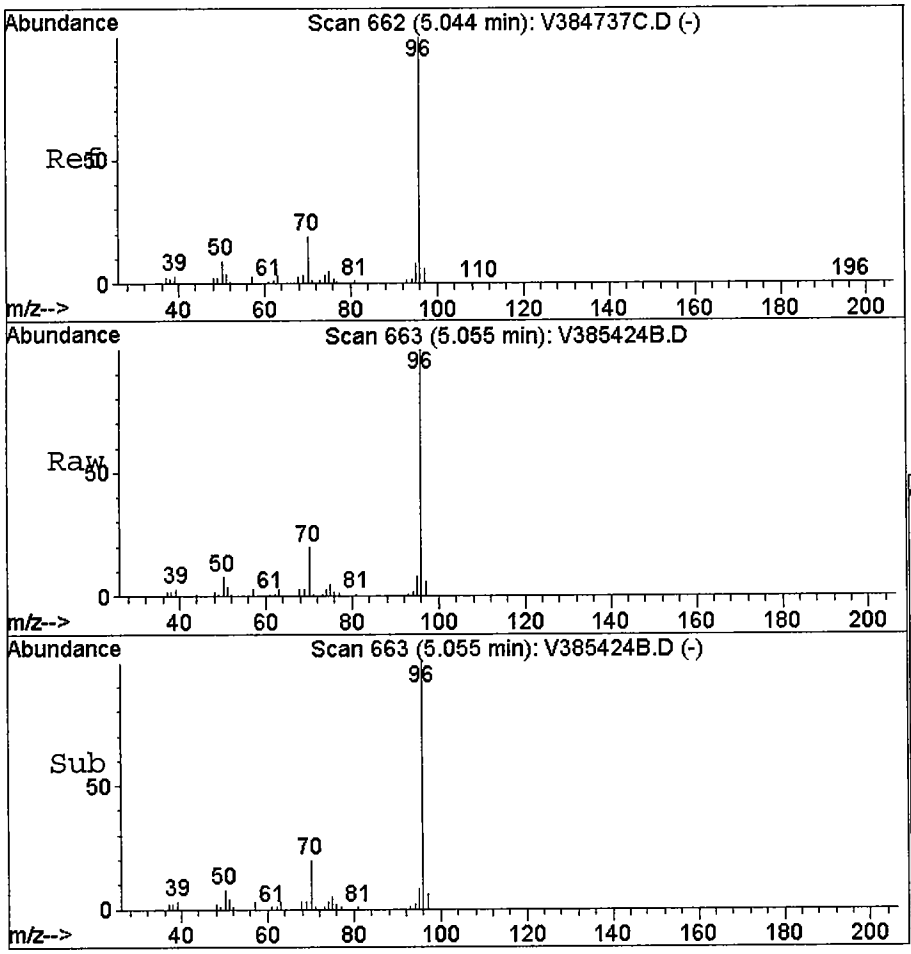
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : G:\MSVOA3~1\DAILYDAT\V3060512\V385424B.D Vial: 33
Acq On : 6 Jun 2012 5:42 am Operator: SS
Sample : BF20125-BLK1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 8 16:00 19112 Quant Results File: V3RCPB47.RES

Method : G:\MSVOA3~1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration

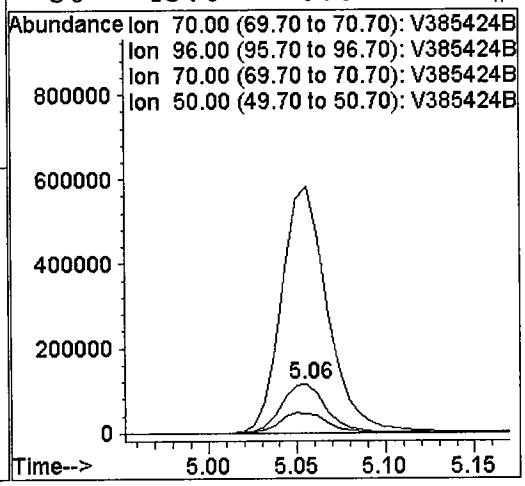


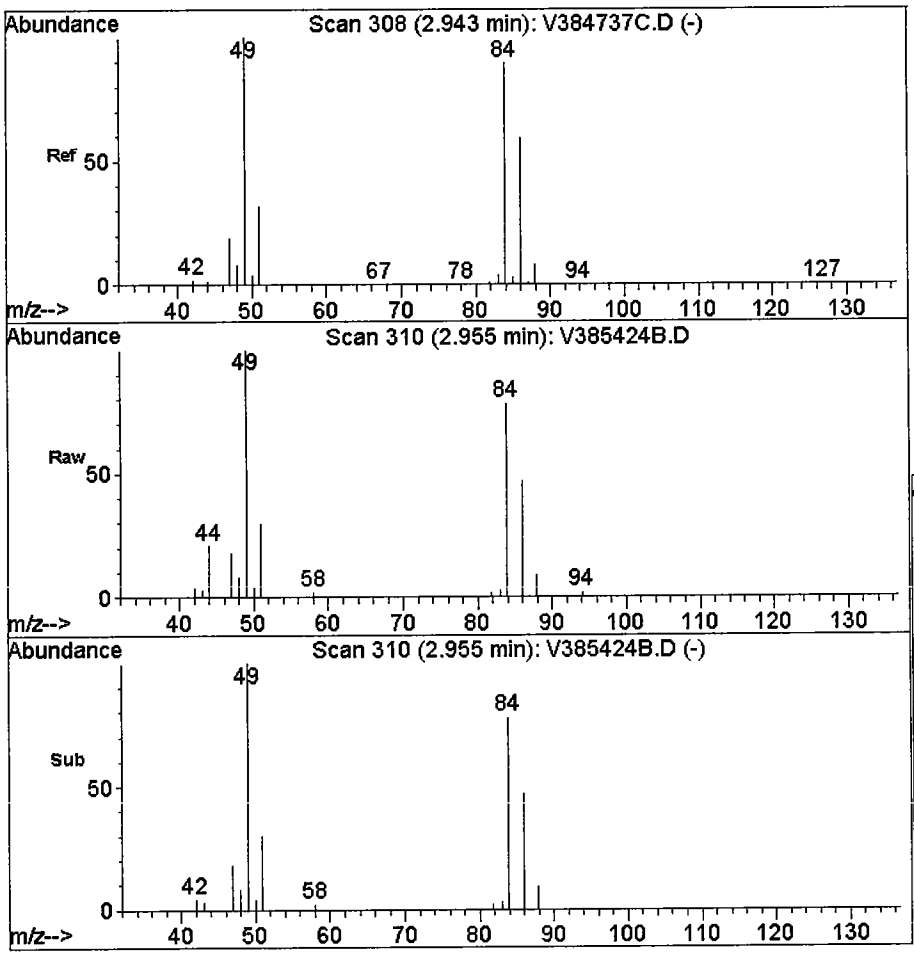


#1
FLUOROBENZENE(ISTD)
Concen: 10.00 ppb
RT: 5.06 min Scan# 663
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 70 Resp: 205639

Ion	Ratio	Lower	Upper
70	100		
96	0.0	414.8	622.2#
70	100.0	80.0	120.0
50	43.6	0.0	0.0#

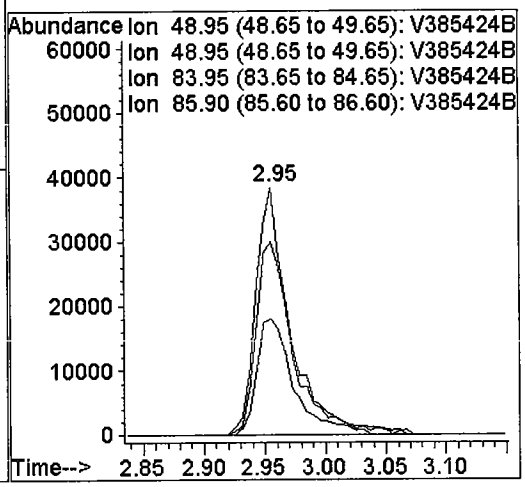


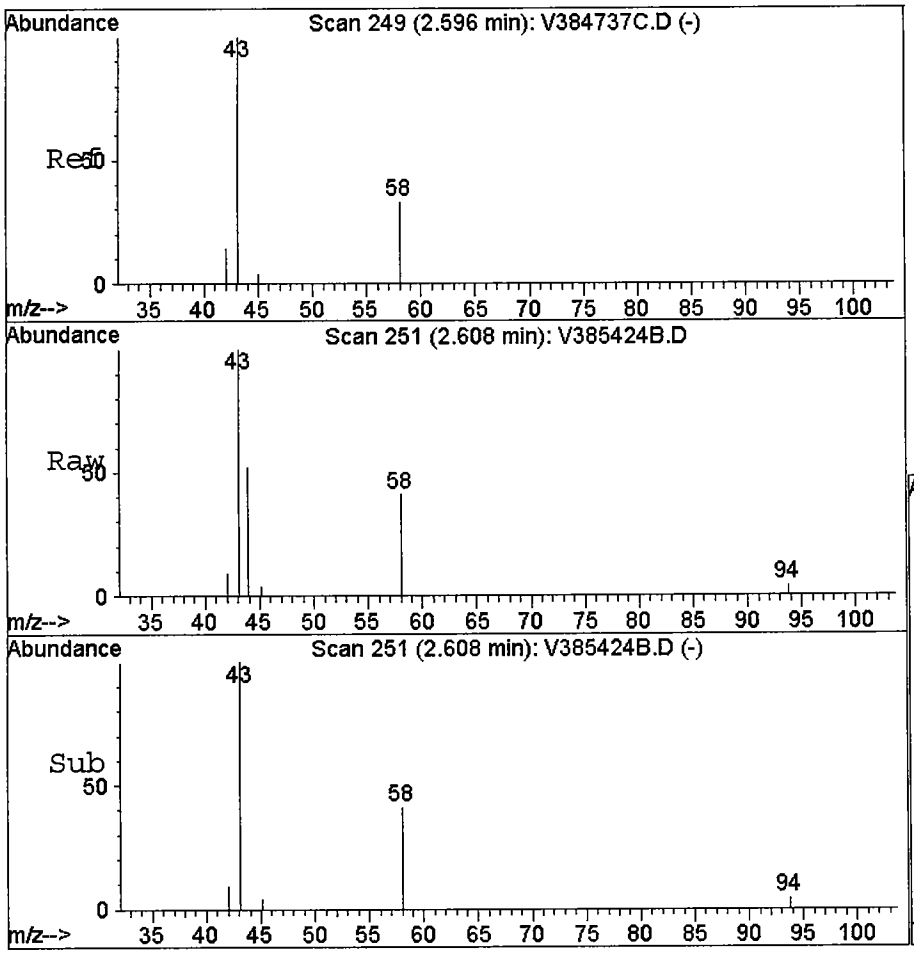


#16
Methylene Chloride
Concen: 1.57 ppb
RT: 2.95 min Scan# 310
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 49 Resp: 76555

Ion	Ratio	Lower	Upper
49	100		
49	100.0	80.0	120.0
84	84.5	68.4	102.6
86	50.4	42.5	63.7

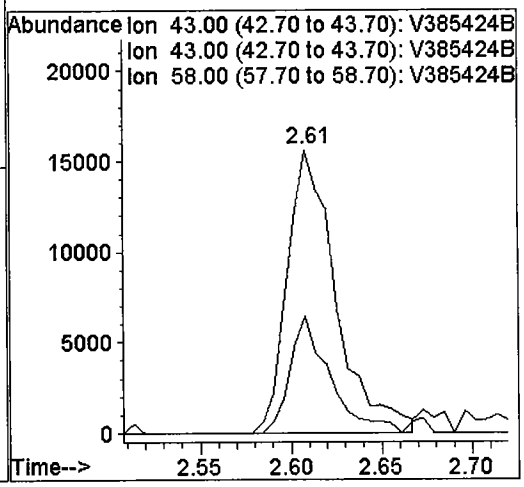


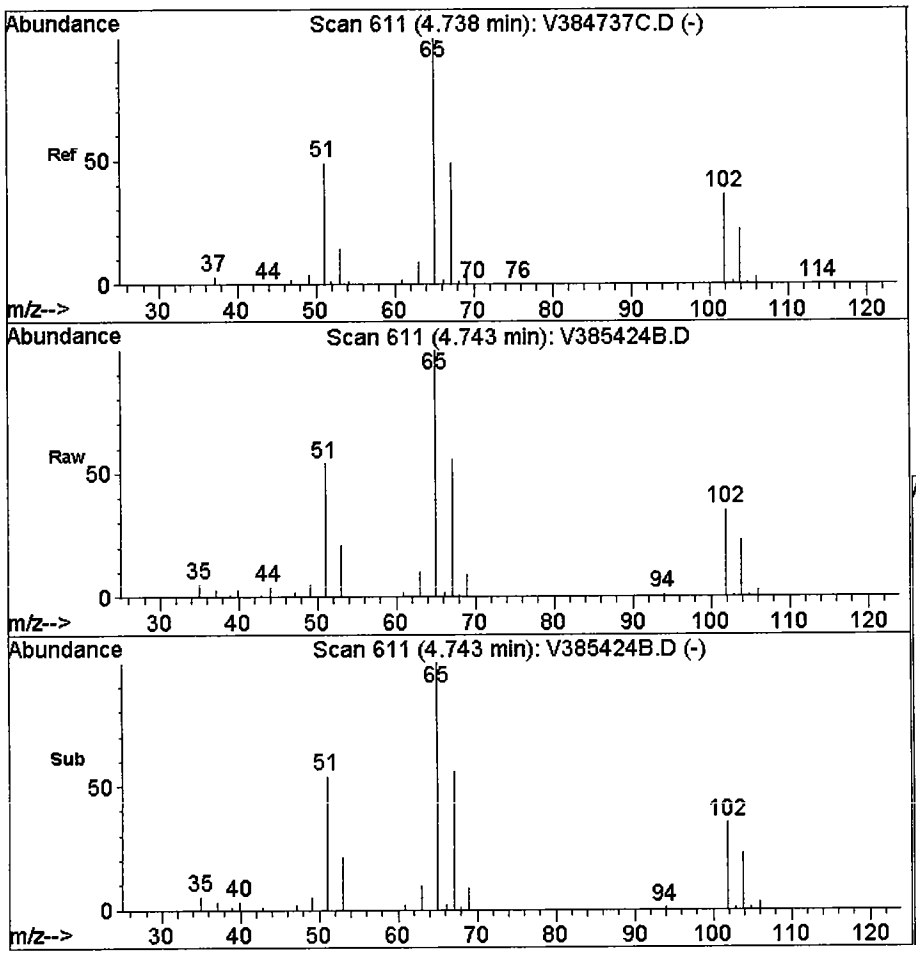


#19
Acetone
Concen: 6.04 ppb
RT: 2.61 min Scan# 251
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 43 Resp: 29294

Ion	Ratio	Lower	Upper
43	100		
43	100.0	80.0	120.0
58	35.4	24.0	36.0

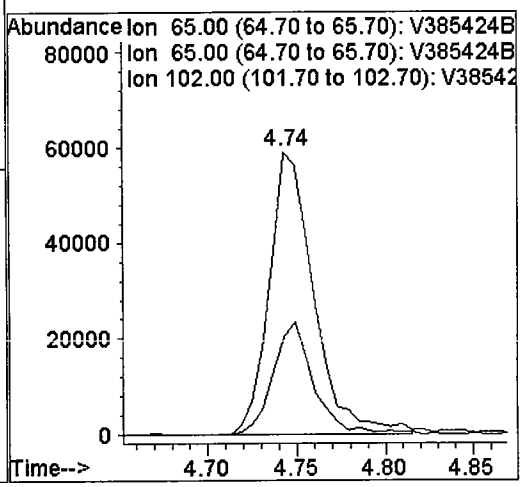


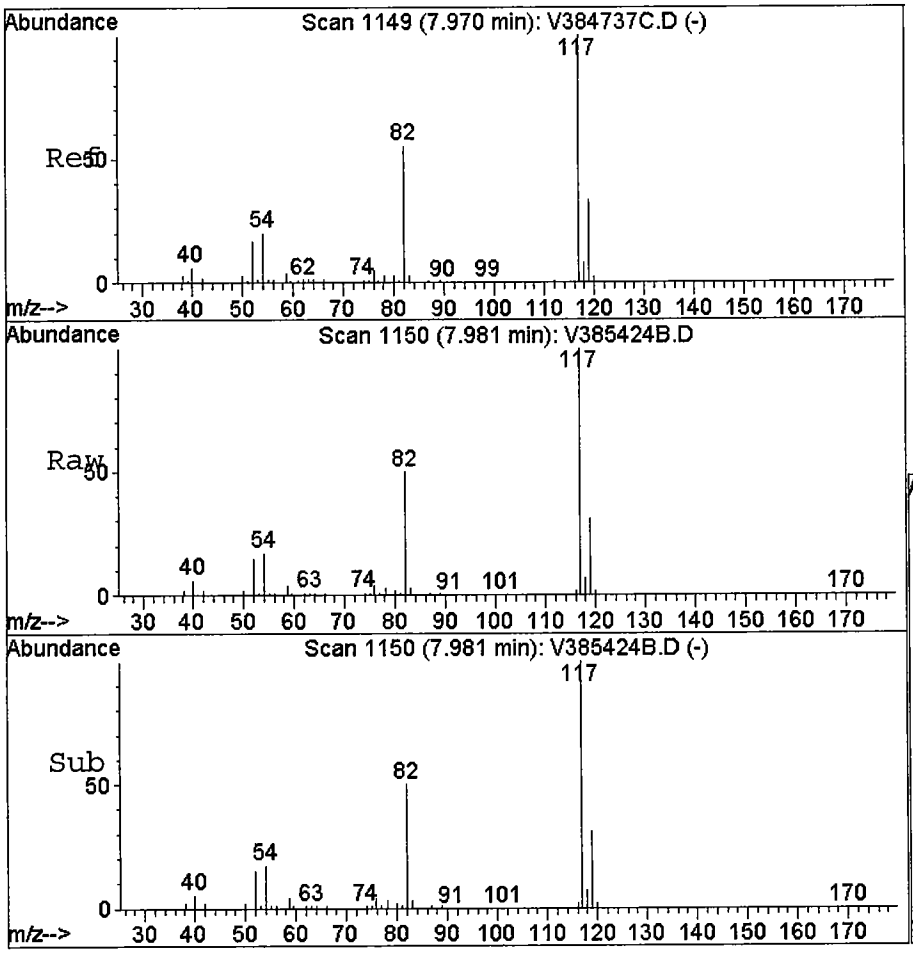


#31
d4-1,2-Dichloroethane(SURR)
Concen: 10.28 ppb
RT: 4.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 65 Resp: 103615

Ion	Ratio	Lower	Upper
65	100		
65	100.0	80.0	120.0
102	36.0	29.8	44.8

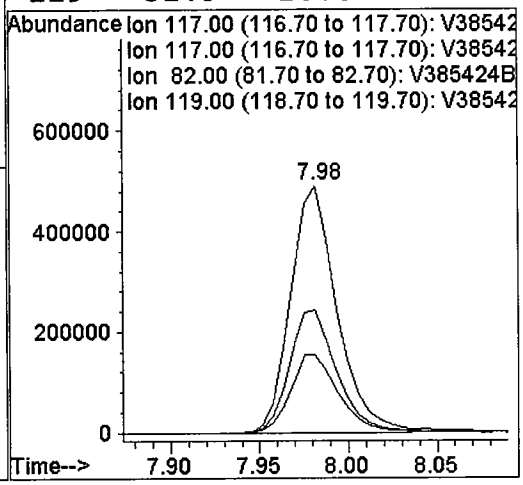


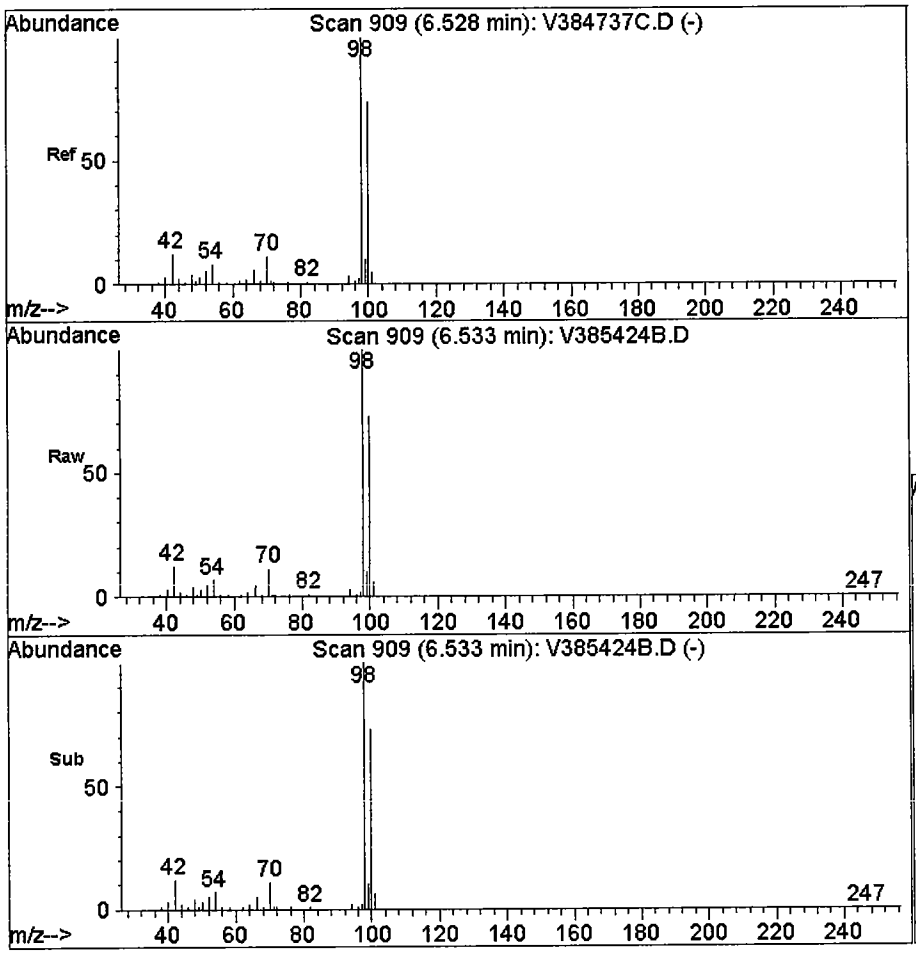


#35
CHLOROBENZENE-d5(ISTD)
Concen: 10.00 ppb
RT: 7.98 min Scan# 1150
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion:117 Resp: 884391

Ion	Ratio	Lower	Upper
117	100		
117	100.0	80.0	120.0
82	0.0	0.0	0.0
119	32.9	26.5	39.7

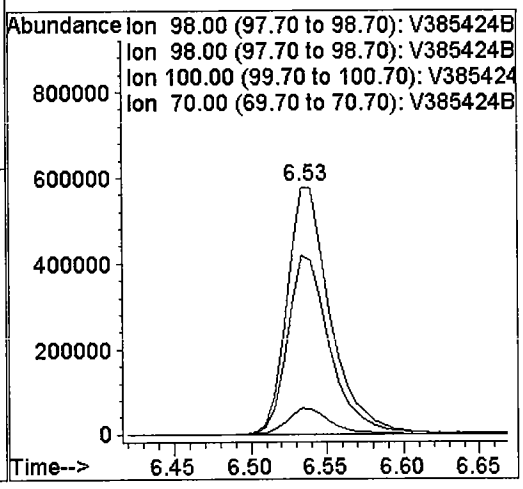


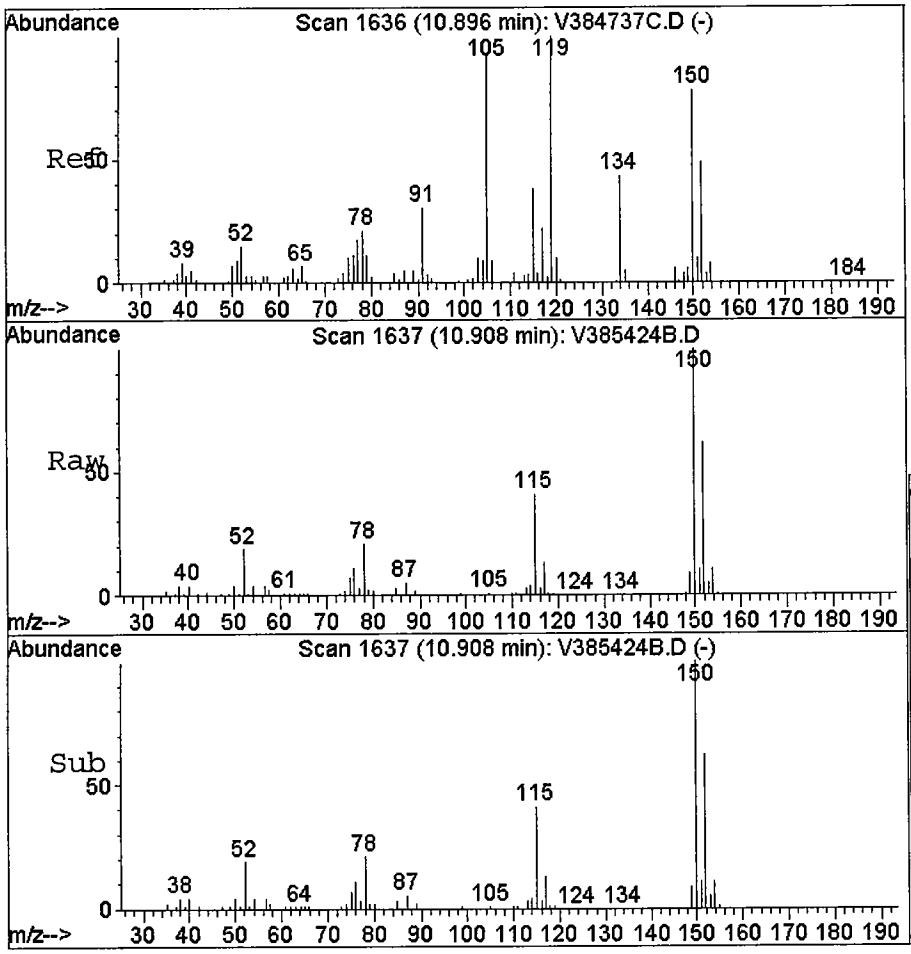


#44
Toluene-d8(SURR)
Concen: 10.04 ppb
RT: 6.53 min Scan# 909
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion: 98 Resp: 1141243

Ion	Ratio	Lower	Upper
98	100		
98	100.0	80.0	120.0
100	71.0	36.1	108.2
70	0.0	0.0	0.0

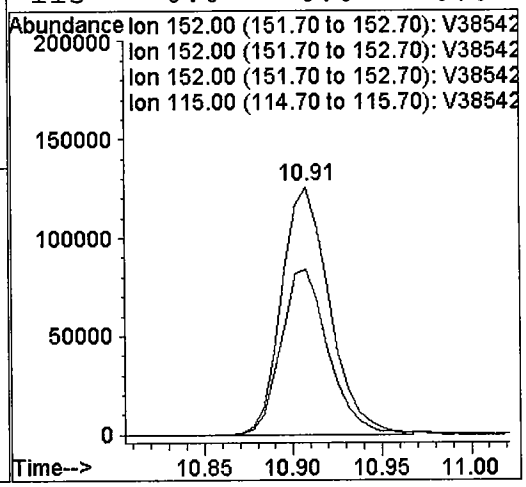


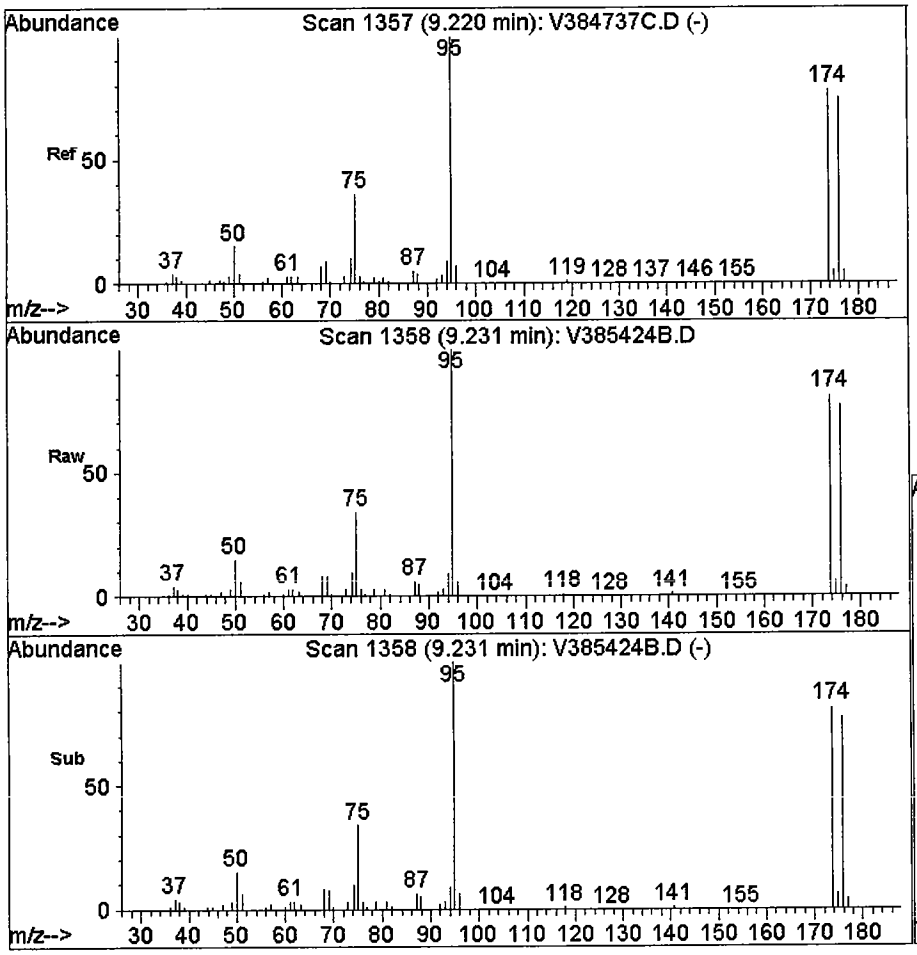


#59
1,2-DICHLOROBENZENE-d4(IST
Concen: 10.00 ppb
RT: 10.91 min Scan# 1637
Delta R.T. 0.00 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion:152 Resp: 237230

Ion	Ratio	Lower	Upper
152	100		
152	100.0	80.0	120.0
152	100.0	80.0	120.0
115	0.0	0.0	0.0

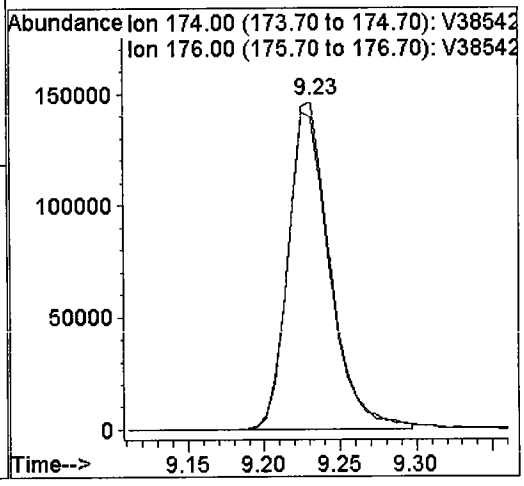




#61
p-Bromofluorobenzene(SURR)
Concen: 9.39 ppb
RT: 9.23 min Scan# 1358
Delta R.T. 0.01 min
Lab File: V385424B.D
Acq: 6 Jun 2012 5:42 am

Tgt Ion:174 Resp: 281610

Ion	Ratio	Lower	Upper
174	100		
176	96.3	76.5	114.7



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.8	108	82.3 - 130
1,1,1-Trichloroethane	10.0	10.9	109	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	8.90	89.0	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	10.2	102	71.1 - 129
1,1,2-Trichloroethane	10.0	10.8	108	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	79.6 - 132
1,1-Dichloroethylene	10.0	10.5	105	80.2 - 146
1,1-Dichloropropylene	10.0	11.9	119	75 - 136
1,2,3-Trichlorobenzene	10.0	12.5	125	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.6	126	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.65	96.5	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	10.6	106	58.9 - 140
1,2-Dibromoethane	10.0	11.1	111	79 - 130
1,2-Dichlorobenzene	10.0	9.64	96.4	76.1 - 122
1,2-Dichloroethane	10.0	11.4	114	74.6 - 132
1,2-Dichloropropane	10.0	10.4	104	76.9 - 129
1,3,5-Trimethylbenzene	10.0	8.72	87.2	70.6 - 127
1,3-Dichlorobenzene	10.0	9.33	93.3	77 - 124
1,3-Dichloropropane	10.0	10.9	109	75.8 - 126
1,4-Dichlorobenzene	10.0	9.79	97.9	76.6 - 125
2,2-Dichloropropane	10.0	9.64	96.4	69 - 133
2-Chlorotoluene	10.0	8.91	89.1	66.3 - 119
2-Hexanone	10.0	11.4	114	70 - 130
4-Chlorotoluene	10.0	8.95	89.5	69.2 - 127
Acetone	10.0	7.99	79.9	70 - 130
Benzene	10.0	10.6	106	76.2 - 129
Bromobenzene	10.0	9.00	90.0	71.3 - 123
Bromochloromethane	10.0	10.9	109	70.8 - 137
Bromodichloromethane	10.0	11.5	115	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Bromoform	10.0	10.3	103	70.5 - 141
Bromomethane	10.0	9.56	95.6	43.9 - 147
Carbon tetrachloride	10.0	12.1	121	78.1 - 138
Chlorobenzene	10.0	10.4	104	80.4 - 125
Chloroethane	10.0	9.15	91.5	55.8 - 140
Chloroform	10.0	10.8	108	76.6 - 133
Chloromethane	10.0	8.52	85.2	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.6	106	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.2	102	74.5 - 128
Dibromochloromethane	10.0	11.9	119	79.8 - 134
Dibromomethane	10.0	11.1	111	79 - 130
Dichlorodifluoromethane	10.0	7.10	71.0	47.1 - 101
Ethyl Benzene	10.0	11.1	111	80.8 - 128
Hexachlorobutadiene	10.0	10.8	108	64.8 - 128
Isopropylbenzene	10.0	9.50	95.0	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	10.7	107	65.1 - 140
Methylene chloride	10.0	6.27	62.7	61.3 - 120
Naphthalene	10.0	12.0	120	62.3 - 148
n-Butylbenzene	10.0	9.72	97.2	67.2 - 123
n-Propylbenzene	10.0	9.18	91.8	70.5 - 127
o-Xylene	10.0	10.2	102	75.9 - 122
p- & m- Xylenes	20.0	21.0	105	77.7 - 127
p-Isopropyltoluene	10.0	9.86	98.6	75.6 - 129
sec-Butylbenzene	10.0	9.07	90.7	71.5 - 125
Styrene	10.0	10.6	106	77.8 - 123
tert-Butylbenzene	10.0	8.96	89.6	75.9 - 151
Tetrachloroethylene	10.0	11.1	111	63.6 - 167
Toluene	10.0	10.4	104	77 - 123
trans-1,2-Dichloroethylene	10.0	10.3	103	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.2	112	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BS1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC. #	QC LIMITS REC.
Trichloroethylene	10.0	10.5	105	77.9 - 130
Trichlorofluoromethane	10.0	9.54	95.4	57.4 - 133
Vinyl Chloride	10.0	8.77	87.7	54.9 - 124

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385420L.D Vial: 29
Acq On : 6 Jun 2012 4:00 am Operator: SS
Sample : BF20125-BS1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.05	70	194795	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	866612	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.91	152	241440	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	99766	10.45	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 104.50%				
44) Toluene-d8(SURR)	6.53	98	1071413	9.62	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.20%				
61) p-Bromofluorobenzene(SURR)	9.23	174	275487	9.03	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 90.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	550424	7.10	ppb		99
3) Chloromethane	1.52	50	674535	8.52	ppb		100
4) Vinyl Chloride	1.61	62	668493	8.77	ppb		100
5) Bromomethane	1.86	94	251753	9.56	ppb		97
6) Chloroethane	1.94	64	306225	9.15	ppb		100
7) Trichlorofluoromethane	2.14	101	527684	9.54	ppb		100
8) Freon-113	2.57	101	456129	10.17	ppb		99
9) 1,1-Dichloroethylene	2.56	61	510084	10.50	ppb		100
10) Acrolien	2.48	56	6503	5.52	ppb		86
11) Iodomethane	2.68	142	170743	7.71	ppb		100
12) Methyl Acetate	2.88	43	54780	13.57	ppb		98
13) Ethyl Ether	2.38	59	116486	10.39	ppb		98
14) trans-1,2-Dichloroethylene	3.18	61	424840	10.33	ppb		98
15) Carbon Disulfide	2.74	76	2153454	18.30	ppb		100
16) Methylene Chloride	2.95	49	289106	6.27	ppb		99
17) Acrylonitrile	3.15	53	21639	11.33	ppb		92
18) tert-Butyl Methyl Ether (M	3.20	73	193783	10.69	ppb		100
19) Acetone	2.60	43	36669	7.99	ppb		98
20) 1,1-Dichloroethane	3.54	63	651481	10.71	ppb		99
21) Vinyl Acetate	3.59	43	166760	8.23	ppb		100
22) cis-1,2-Dichloroethylene	4.04	96	399456	10.65	ppb	#	100
23) 2-Butanone	4.05	72	9697	11.94	ppb		90
24) 2,2-Dichloropropane	4.04	77	401082	9.64	ppb		100
25) Bromochloromethane	4.24	49	164240	10.86	ppb	#	55
26) Chloroform	4.31	83	533142	10.79	ppb		100
27) Tetrahydrofuran	4.30	71	8604	12.39	ppb	#	56
28) 1,1-Dichloropropylene	4.62	75	591658	11.91	ppb		99
29) 1,1,1-Trichloroethane	4.48	97	579714	10.94	ppb		100
30) Cyclohexane	4.54	56	864750	9.41	ppb		100
32) Carbon Tetrachloride	4.63	117	509786	12.08	ppb	#	92
33) 1,2-Dichloroethane	4.81	62	182281	11.41	ppb		99
34) Benzene	4.80	78	1433369	10.62	ppb	#	100
36) Trichloroethylene	5.39	95	443986	10.48	ppb	#	100
37) Methyl Cyclohexane	5.57	83	885889	9.86	ppb	#	100
38) Dibromomethane	5.69	93	98298	11.11	ppb		98
39) Methyl Methacrylate	5.71	69	67064	11.76	ppb		98
40) Bromodichloromethane	5.84	83	296163	11.52	ppb		100
41) 1,2-Dichloropropane	5.59	63	281448	10.36	ppb		99

(#) = qualifier out of range (m) = manual integration
V385420L.D V3RCPB47.M Fri Jun 08 16:09:04 2012

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385420L.D Vial: 29
Acq On : 6 Jun 2012 4:00 am Operator: SS
Sample : BF20125-BS1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

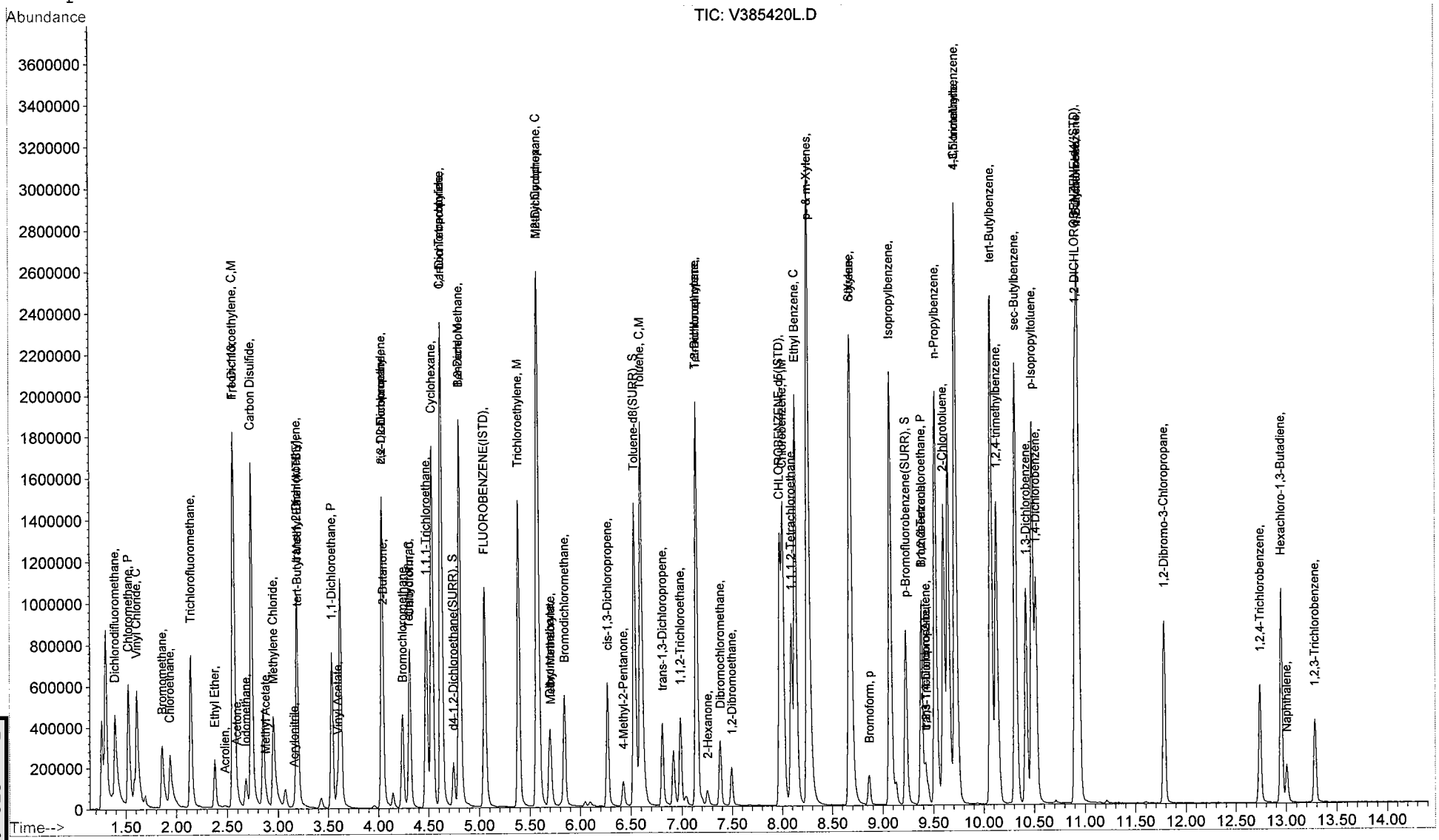
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	cis-1,3-Dichloropropene	6.27	75	320474	10.16	ppb		100
43)	2-Hexanone	7.25	43	53336	11.39	ppb		96
45)	Toluene	6.60	91	1496183	10.39	ppb		99
46)	trans-1,3-Dichloropropene	6.81	75	201004	11.22	ppb		99
47)	1,1,2-Trichloroethane	6.99	83	112339	10.83	ppb		98
48)	1,3-Dichloropropane	7.15	76	229645	10.94	ppb	#	86
49)	Tetrachloroethylene	7.15	166	504222	11.13	ppb		99
50)	4-Methyl-2-Pentanone	6.43	43	89061	11.59	ppb		100
51)	Dibromochloromethane	7.38	129	166094	11.89	ppb		97
52)	1,2-Dibromoethane	7.50	107	125872	11.07	ppb		98
53)	Chlorobenzene	8.01	112	851633	10.38	ppb		99
54)	Ethyl Benzene	8.13	91	1698879	11.08	ppb		100
55)	p- & m-Xylenes	8.26	91	2405568	21.01	ppb		99
56)	o-Xylene	8.67	91	1112897	10.23	ppb		100
57)	Styrene	8.69	104	816962	10.57	ppb		99
58)	1,1,1,2-Tetrachloroethane	8.09	131	240201	10.75	ppb		97
60)	Bromoform	8.87	173	66923	10.29	ppb	#	100
62)	1,1,2,2-Tetrachloroethane	9.38	83	124613	8.90	ppb		98
63)	1,2,3-Trichloropropane	9.42	110	33180	9.89	ppb		89
64)	Isopropylbenzene	9.07	105	1761528	9.50	ppb	#	100
65)	1,2-Dibromo-3-Chloropropan	11.79	75	13614	10.55	ppb		95
66)	Bromobenzene	9.38	77	411675	9.00	ppb		100
67)	trans-1,4-Dichloro-2-buten	9.42	75	121449	9.44	ppb		100
68)	n-Propylbenzene	9.52	91	1998633	9.18	ppb		100
69)	2-Chlorotoluene	9.60	91	1046824	8.91	ppb		100
70)	4-Chlorotoluene	9.72	91	964017	8.95	ppb		100
71)	tert-Butylbenzene	10.07	119	1256843	8.96	ppb	#	90
72)	1,3,5-trimethylbenzene	9.72	105	1161095	8.72	ppb	#	99
73)	1,2,4-trimethylbenzene	10.13	105	1061890	9.65	ppb		95
74)	sec-Butylbenzene	10.31	105	1914482	9.07	ppb		100
75)	1,3-Dichlorobenzene	10.42	146	514729	9.33	ppb	#	68
76)	1,4-Dichlorobenzene	10.52	146	471667	9.79	ppb	#	82
77)	1,2-Dichlorobenzene	10.93	146	371387	9.64	ppb	#	99
78)	p-Isopropyltoluene	10.48	119	1392566	9.86	ppb	#	100
79)	n-Butylbenzene	10.94	91	1324142	9.72	ppb	#	99
80)	1,2,4-Trichlorobenzene	12.74	180	202895	12.62	ppb		99
81)	Naphthalene	13.01	128	161980	12.04	ppb	#	100
82)	Hexachloro-1,3-Butadiene	12.95	225	190138	10.84	ppb	#	99
83)	1,2,3-Trichlorobenzene	13.28	182	130662	12.53	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385420L.D Vial: 29
Acq On : 6 Jun 2012 4:00 am Operator: SS
Sample : BF20125-BS1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,1,2-Tetrachloroethane	10.0	10.9	109	1.39	21.1	82.3 - 130
1,1,1-Trichloroethane	10.0	10.7	107	1.85	19.7	75.6 - 137
1,1,2,2-Tetrachloroethane	10.0	9.16	91.6	2.88	20.8	71.3 - 131
1,1,2-Trichloro-1,2,2-trifluoroethane	10.0	10.3	103	0.881	21.7	71.1 - 129
1,1,2-Trichloroethane	10.0	10.6	106	1.96	20.3	74.5 - 129
1,1-Dichloroethane	10.0	10.7	107	0.374	20.6	79.6 - 132
1,1-Dichloroethylene	10.0	10.3	103	2.02	20	80.2 - 146
1,1-Dichloropropylene	10.0	9.03	90.3	27.5 *	19.3	75 - 136
1,2,3-Trichlorobenzene	10.0	12.1	121	3.24	21.6	66.1 - 136
1,2,3-Trichloropropane	10.0	9.89	98.9	0.00	23.9	63 - 131
1,2,4-Trichlorobenzene	10.0	12.0	120	5.37	21.7	70.6 - 136
1,2,4-Trimethylbenzene	10.0	9.92	99.2	2.76	18.8	75.3 - 135
1,2-Dibromo-3-chloropropane	10.0	11.7	117	10.3	27.7	58.9 - 140
1,2-Dibromoethane	10.0	11.0	110	1.09	23	79 - 130
1,2-Dichlorobenzene	10.0	9.62	96.2	0.208	19.8	76.1 - 122
1,2-Dichloroethane	10.0	11.2	112	1.77	20.2	74.6 - 132
1,2-Dichloropropane	10.0	10.3	103	0.387	20.7	76.9 - 129
1,3,5-Trimethylbenzene	10.0	9.67	96.7	10.3	18.9	70.6 - 127
1,3-Dichlorobenzene	10.0	9.58	95.8	2.64	19.2	77 - 124
1,3-Dichloropropane	10.0	10.6	106	2.78	22.1	75.8 - 126
1,4-Dichlorobenzene	10.0	9.57	95.7	2.27	18.6	76.6 - 125
2,2-Dichloropropane	10.0	9.22	92.2	4.45	19.8	69 - 133
2-Chlorotoluene	10.0	9.15	91.5	2.66	21.6	66.3 - 119
2-Hexanone	10.0	11.4	114	0.0878	30	70 - 130
4-Chlorotoluene	10.0	9.29	92.9	3.73	19	69.2 - 127
Acetone	10.0	7.76	77.6	2.92	30	70 - 130
Benzene	10.0	10.5	105	1.14	19	76.2 - 129
Bromobenzene	10.0	9.14	91.4	1.54	20.3	71.3 - 123
Bromochloromethane	10.0	10.2	102	5.97	23.9	70.8 - 137
Bromodichloromethane	10.0	11.7	117	1.46	21	79.7 - 134

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Bromoform	10.0	10.5	105	2.02	21.8	70.5 - 141
Bromomethane	10.0	10.1	101	5.69	28.4	43.9 - 147
Carbon tetrachloride	10.0	9.67	96.7	22.2 *	20.1	78.1 - 138
Chlorobenzene	10.0	10.4	104	0.192	19.9	80.4 - 125
Chloroethane	10.0	9.25	92.5	1.09	23.3	55.8 - 140
Chloroform	10.0	10.6	106	1.59	20.3	76.6 - 133
Chloromethane	10.0	8.44	84.4	0.943	24.5	48.8 - 115
cis-1,2-Dichloroethylene	10.0	10.4	104	1.90	20.5	75.1 - 128
cis-1,3-Dichloropropylene	10.0	10.3	103	1.56	19.9	74.5 - 128
Dibromochloromethane	10.0	11.7	117	1.35	21.3	79.8 - 134
Dibromomethane	10.0	11.0	110	1.27	22.4	79 - 130
Dichlorodifluoromethane	10.0	6.68	66.8	6.10	23.9	47.1 - 101
Ethyl Benzene	10.0	11.2	112	1.34	19.2	80.8 - 128
Hexachlorobutadiene	10.0	11.1	111	2.64	20.6	64.8 - 128
Isopropylbenzene	10.0	9.93	99.3	4.43	20	75.5 - 135
Methyl tert-butyl ether (MTBE)	10.0	11.1	111	4.03	23.6	65.1 - 140
Methylene chloride	10.0	6.20	62.0	1.12	20.4	61.3 - 120
Naphthalene	10.0	11.4	114	5.64	27.1	62.3 - 148
n-Butylbenzene	10.0	9.83	98.3	1.13	19.1	67.2 - 123
n-Propylbenzene	10.0	9.60	96.0	4.47	23.4	70.5 - 127
o-Xylene	10.0	10.2	102	0.392	19.3	75.9 - 122
p- & m- Xylenes	20.0	21.2	106	0.947	18.6	77.7 - 127
p-Isopropyltoluene	10.0	9.98	99.8	1.21	19.1	75.6 - 129
sec-Butylbenzene	10.0	9.51	95.1	4.74	18.9	71.5 - 125
Styrene	10.0	10.4	104	2.01	20.9	77.8 - 123
tert-Butylbenzene	10.0	9.24	92.4	3.08	20.9	75.9 - 151
Tetrachloroethylene	10.0	12.2	122	9.42	27.7	63.6 - 167
Toluene	10.0	10.5	105	0.671	18.7	77 - 123
trans-1,2-Dichloroethylene	10.0	9.97	99.7	3.55	19.5	76.3 - 139
trans-1,3-Dichloropropylene	10.0	11.3	113	0.445	19.3	72.5 - 137

FORM III

LCS / LCS DUPLICATE RECOVERY

EPA SW846-8260B

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20125	Laboratory ID:	BF20125-BSD1
Preparation:	EPA 5030B	Initial/Final:	25 mL / 25 mL

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Trichloroethylene	10.0	10.6	106	1.33	20.5	77.9 - 130
Trichlorofluoromethane	10.0	9.50	95.0	0.420	21.4	57.4 - 133
Vinyl Chloride	10.0	8.64	86.4	1.49	22.3	54.9 - 124

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385422U.D Vial: 31
Acq On : 6 Jun 2012 4:52 am Operator: SS
Sample : BF20125-BSD1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) FLUOROBENZENE(ISTD)	5.04	70	186743	10.00	ppb		0.00
35) CHLOROBENZENE-d5(ISTD)	7.98	117	815902	10.00	ppb		0.00
59) 1,2-DICHLOROBENZENE-d4(IST	10.90	152	217928	10.00	ppb		0.00
System Monitoring Compounds							
31) d4-1,2-Dichloroethane(SURR	4.74	65	97043	10.60	ppb		0.00
Spiked Amount 10.000	Range 64 - 122		Recovery = 106.00%				
44) Toluene-d8(SURR)	6.53	98	1014393	9.68	ppb		0.00
Spiked Amount 10.000	Range 83 - 114		Recovery = 96.80%				
61) p-Bromofluorobenzene(SURR)	9.23	174	252389	9.16	ppb		0.00
Spiked Amount 10.000	Range 71 - 126		Recovery = 91.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	495979	6.68	ppb		100
3) Chloromethane	1.52	50	640614	8.44	ppb		100
4) Vinyl Chloride	1.60	62	631178	8.64	ppb		100
5) Bromomethane	1.85	94	255598	10.12	ppb		100
6) Chloroethane	1.92	64	296561	9.25	ppb		100
7) Trichlorofluoromethane	2.13	101	503853	9.50	ppb		100
8) Freon-113	2.55	101	441304	10.26	ppb		98
9) 1,1-Dichloroethylene	2.55	61	479428	10.29	ppb		99
10) Acrolien	2.47	56	5486	4.85	ppb	#	72
11) Iodomethane	2.67	142	184643	8.70	ppb		100
12) Methyl Acetate	2.87	43	52256	13.50	ppb		98
13) Ethyl Ether	2.37	59	106029	9.87	ppb	#	70
14) trans-1,2-Dichloroethylene	3.17	61	393123	9.97	ppb		99
15) Carbon Disulfide	2.72	76	2050395	18.18	ppb		100
16) Methylene Chloride	2.94	49	273962	6.20	ppb		98
17) Acrylonitrile	3.15	53	18611	10.16	ppb		97
18) tert-Butyl Methyl Ether (M	3.19	73	193531	11.13	ppb		99
19) Acetone	2.59	43	34179	7.76	ppb	#	96
20) 1,1-Dichloroethane	3.52	63	621938	10.67	ppb		99
21) Vinyl Acetate	3.58	43	156633	8.07	ppb		99
22) cis-1,2-Dichloroethylene	4.02	96	375771	10.45	ppb	#	100
23) 2-Butanone	4.04	72	9706	12.47	ppb		90
24) 2,2-Dichloropropane	4.02	77	367567	9.22	ppb		100
25) Bromochloromethane	4.23	49	148265	10.23	ppb	#	97
26) Chloroform	4.30	83	503134	10.62	ppb		100
27) Tetrahydrofuran	4.29	71	8398	12.62	ppb	#	51
28) 1,1-Dichloropropylene	4.62	75	429780	9.03	ppb		99
29) 1,1,1-Trichloroethane	4.47	97	545737	10.74	ppb		99
30) Cyclohexane	4.52	56	819453	9.30	ppb		99
32) Carbon Tetrachloride	4.62	117	390907	9.67	ppb		99
33) 1,2-Dichloroethane	4.80	62	171710	11.21	ppb		100
34) Benzene	4.80	78	1359112	10.50	ppb	#	95
36) Trichloroethylene	5.38	95	423772	10.62	ppb	#	99
37) Methyl Cyclohexane	5.57	83	842005	9.95	ppb	#	100
38) Dibromomethane	5.69	93	91381	10.97	ppb		99
39) Methyl Methacrylate	5.70	69	66168	12.32	ppb		100
40) Bromodichloromethane	5.84	83	283040	11.69	ppb		100
41) 1,2-Dichloropropane	5.58	63	263762	10.32	ppb		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : K:\HPCHEM\1\DATA\V3060512\V385422U.D Vial: 31
Acq On : 6 Jun 2012 4:52 am Operator: SS
Sample : BF20125-BSD1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Quant Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration
DataAcq Meth : V3C152B

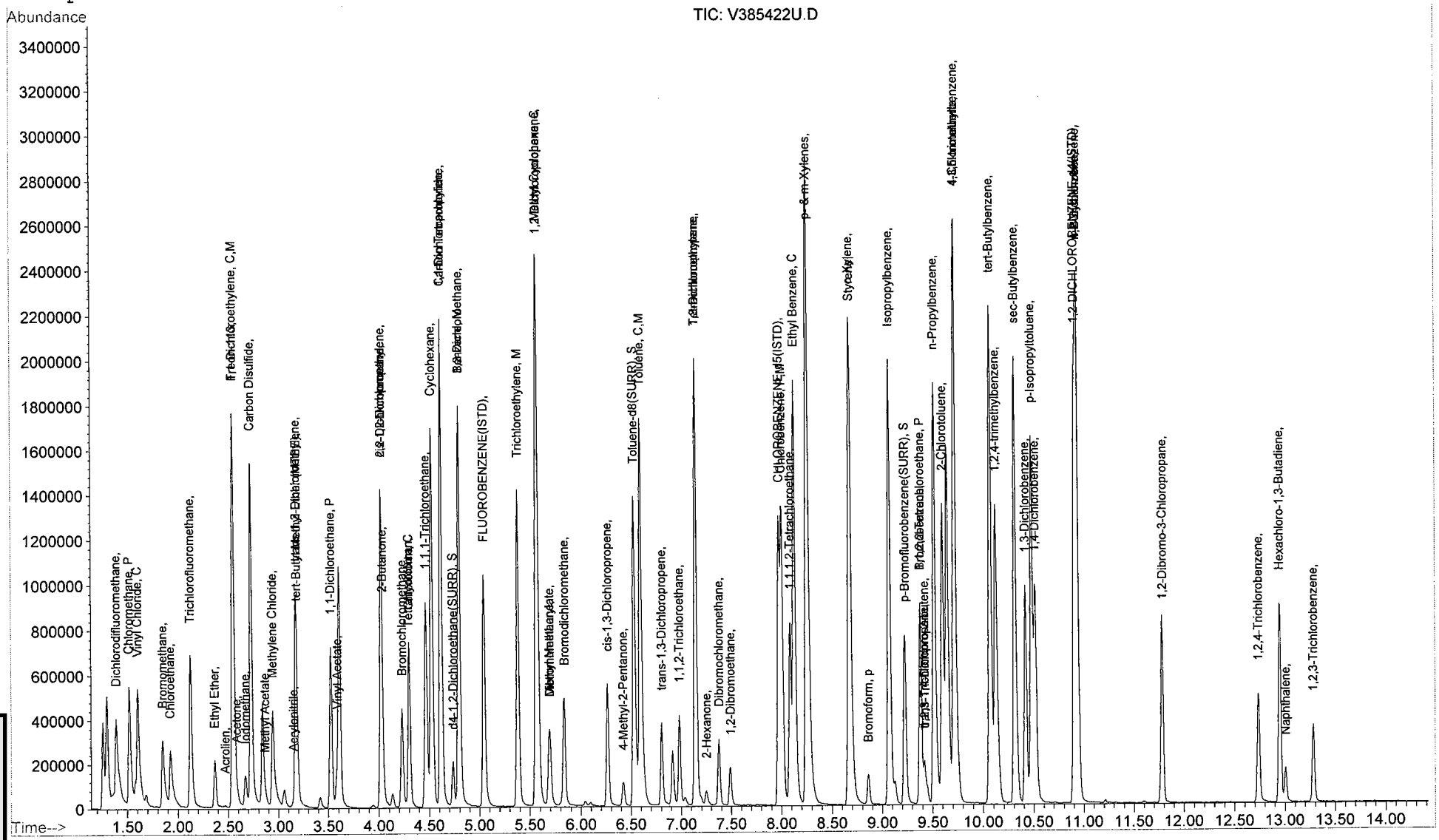
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
42)	cis-1,3-Dichloropropene	6.26	75	306603	10.32	ppb		100
43)	2-Hexanone	7.25	43	50182	11.38	ppb		96
45)	Toluene	6.59	91	1418494	10.46	ppb		99
46)	trans-1,3-Dichloropropene	6.80	75	190035	11.27	ppb		99
47)	1,1,2-Trichloroethane	6.98	83	103796	10.62	ppb		99
48)	1,3-Dichloropropane	7.15	76	210201	10.64	ppb	#	99
49)	Tetrachloroethylene	7.14	166	521632	12.23	ppb		100
50)	4-Methyl-2-Pentanone	6.41	43	79143	10.94	ppb		100
51)	Dibromochloromethane	7.38	129	154355	11.73	ppb		98
52)	1,2-Dibromoethane	7.49	107	117211	10.95	ppb		98
53)	Chlorobenzene	8.01	112	803540	10.40	ppb		99
54)	Ethyl Benzene	8.13	91	1620678	11.23	ppb		100
55)	p- & m-Xylenes	8.25	91	2286630	21.21	ppb		99
56)	o-Xylene	8.67	91	1042940	10.19	ppb		100
57)	Styrene	8.69	104	753632	10.36	ppb		100
58)	1,1,1,2-Tetrachloroethane	8.08	131	229377	10.90	ppb		97
60)	Bromoform	8.86	173	61614	10.50	ppb	#	100
62)	1,1,2,2-Tetrachloroethane	9.38	83	115726	9.16	ppb		100
63)	1,2,3-Trichloropropane	9.42	110	29955	9.89	ppb		95
64)	Isopropylbenzene	9.07	105	1661968	9.93	ppb	#	100
65)	1,2-Dibromo-3-Chloropropan	11.79	75	13629	11.70	ppb	#	71
66)	Bromobenzene	9.38	77	377392	9.14	ppb		100
67)	trans-1,4-Dichloro-2-buten	9.42	75	110364	9.51	ppb		100
68)	n-Propylbenzene	9.51	91	1885936	9.60	ppb		100
69)	2-Chlorotoluene	9.60	91	970699	9.15	ppb		100
70)	4-Chlorotoluene	9.72	91	903170	9.29	ppb		100
71)	tert-Butylbenzene	10.07	119	1169862	9.24	ppb	#	99
72)	1,3,5-trimethylbenzene	9.71	105	1162892	9.67	ppb	#	99
73)	1,2,4-trimethylbenzene	10.12	105	985199	9.92	ppb		95
74)	sec-Butylbenzene	10.31	105	1813383	9.51	ppb		100
75)	1,3-Dichlorobenzene	10.42	146	477169	9.58	ppb	#	68
76)	1,4-Dichlorobenzene	10.52	146	416231	9.57	ppb	#	82
77)	1,2-Dichlorobenzene	10.93	146	334700	9.62	ppb	#	67
78)	p-Isopropyltoluene	10.48	119	1271670	9.98	ppb	#	90
79)	n-Butylbenzene	10.93	91	1208323	9.83	ppb	#	98
80)	1,2,4-Trichlorobenzene	12.74	180	173699	11.96	ppb		97
81)	Naphthalene	13.01	128	138147	11.38	ppb	#	99
82)	Hexachloro-1,3-Butadiene	12.95	225	176108	11.13	ppb	#	100
83)	1,2,3-Trichlorobenzene	13.28	182	114162	12.13	ppb	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : K:\HPCHEM\1\DATA\V3060512\V385422U.D Vial: 31
Acq On : 6 Jun 2012 4:52 am Operator: SS
Sample : BF20125-BSD1 Inst : VOA No. 3
Misc : QBV3060512B Multiplr: 1.00
MS Integration Params: RTEINT1.P
Quant Time: Jun 6 9:50 19112 Quant Results File: V3RCPB47.RES

Method : C:\HPCHEM\1\METHODS\V3RCPB47.M (RTE Integrator)
Title : VOCs BY GC/MS EPA SW846-8260
Last Update : Mon May 21 11:34:05 2012
Response via : Initial Calibration



FORM V

ANALYSIS BATCH (SEQUENCE) SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Sequence:
Instrument:
Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
LCS	BF20125-BS1	V385420L.D	06/06/12 04:00
LCS Dup	BF20125-BSD1	V385422U.D	06/06/12 04:52
Blank	BF20125-BLK1	V385424B.D	06/06/12 05:42
WQ053012:1325NP2-10	12F0116-01	V385430W.D	06/06/12 08:16

HOLDING TIME SUMMARY

EPA SW846-8260B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/05/12 16:35	6.13	14.00	06/06/12 08:16	0.65	14.00	

PREPARATION BENCH SHEET

BF20125

York Analytical Laboratories, Inc.

Printed: 6/11/2012 1:55:32PM

Matrix: Water

Surrogate used: Y10B029

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0112-01	Volatile Organics, CT RCP	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0112-02	Volatile Organics, CT RCP	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0115-01	Volatile Organics, 8260 Lis	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0115-02	Volatile Organics, 8260 Lis	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
12F0116-01	Volatile Organics, 8260 Lis	06/05/2012 16:3	AY	25	25				1	EPA 5030B	
BF20125-BLK1	QC	06/05/2012 08:3	AY	25	25				1	EPA 5030B	
BF20125-BS1	QC	06/05/2012 08:3	AY	25	25	Y10A023		5	1	EPA 5030B	
BF20125-BSD1	QC	06/05/2012 08:3	AY	25	25	Y10A023		5	1	EPA 5030B	

Batch Comments:

Injection Log

Directory: k:\hpchem\1\data\v3060512

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
1	1	v385371b.d	1.	MBLK DW	QBV3060512A	5 Jun 12 08:21
2	2	v385372b.d	1.	MBLK DW	QBV3060512A	5 Jun 12 08:44
3	3	v385373c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 09:09
4	4	v385374c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 09:33
5	5	v385375b.d	1.	VOA METHOD BLANK STD DW	QBV3060512A	5 Jun 12 10:05
6	6	v385376b.d	1.	VOA METHOD BLANK STD DW	QBV3060512A	5 Jun 12 10:30
7	7	v385377c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 10:53
8	8	v385378c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 11:17
9	9	v385379c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 11:40
10	10	v385380c.d	1.	OXY BS STD DW	QBV3060512A	5 Jun 12 12:04
11	11	v385381c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 12:27
12	12	v385382c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 12:50
13	13	v385383c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 13:13
14	14	v385384c.d	1.	OXY BSD STD DW	QBV3060512A	5 Jun 12 13:35
15	15	v385385c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 13:59
16	16	v385386c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512A	5 Jun 12 14:22
17	17	v385387l.d	1.	BF20105-BS1	QBV3060512A	5 Jun 12 14:46
18	18	v385388l.d	1.	BF20106-BS1	QBV3060512A	5 Jun 12 15:10
19	19	v385389u.d	1.	BF20105-BSD1	QBV3060512A	5 Jun 12 15:33
20	20	v385390u.d	1.	BF20106-BSD1	QBV3060512A	5 Jun 12 15:57
21	21	v385391b.d	1.	BF20105-BLK1	QBV3060512A	5 Jun 12 16:20
22	1	v385392b.d	1.	BF20106-BLK1	QBV3060512A	5 Jun 12 16:43
23	2	v385393w.d	10.	12E0968-01	QBV3060512A RCP RA RE 5ML/50ML VIAL 2	5 Jun 12 17:06
24	3	v385394w.d	5.	12F0064-01	QBV3060512A 375 LIST QA RE 10ML/50ML	5 Jun 12 17:29
25	4	v385395w.d	1.	12F0067-01	QBV3060512A 502-2W/MTBEW	5 Jun 12 17:52
26	5	v385396w.d	5.	12F0064-04	QBV3060512A 375 LIST QA RE 10ML/50ML	5 Jun 12 18:16
27	6	v385397w.d	1.	12F0113-01	QBV3060512A RCP RA	5 Jun 12 18:39
28	7	v385398w.d	1.	12F0071-01	QBV3060512A CP-51W	5 Jun 12 19:02
29	8	v385399w.d	1.	12F0113-02	QBV3060512A RCP RA	5 Jun 12 19:25
30	9	v385400w.d	1.	12F0071-02	QBV3060512A CP-51W	5 Jun 12 19:49
31	10	v385401w.d	1.	12F0113-03	QBV3060512A RCP RA	5 Jun 12 20:12
32	11	v385402w.d	1.	12F0071-03	QBV3060512A CP-51W	5 Jun 12 20:36
33	12	v385403w.d	1.	12F0113-04	QBV3060512A RCP RA	5 Jun 12 21:01
34	13	v385404w.d	1.	12F0098-05	QBV3060512A 524-2W	5 Jun 12 21:24
35	14	v385405w.d	1.	12F0113-05	QBV3060512A RCP RA	5 Jun 12 21:48
36	15	v385406w.d	1.	12F0098-06	QBV3060512A 524-2W	5 Jun 12 22:13
37	16	v385407w.d	1.	12F0113-06	QBV3060512A RCP RA	5 Jun 12 22:36
38	17	v385408w.d	1.	12F0098-07	QBV3060512A 524-2W	5 Jun 12 23:00
39	18	v385409w.d	1.	12F0113-07	QBV3060512A RCP RA	5 Jun 12 23:26
40	19	v385410m.d	1.	BF20106-MS1	QBV3060512A 064-01 MS 10ML/50ML	5 Jun 12 23:50
41	20	v385411w.d	1.	12F0113-08	QBV3060512A RCP RA	6 Jun 12 00:14
42	21	v385412d.d	1.	BF20106-MSD1	QBV3060512A 064-01 MSD 10ML/50ML	6 Jun 12 00:38
43	22	v385413b.d	1.	MBLK DW	QBV3060512B	6 Jun 12 01:04
44	23	v385414b.d	1.	MBLK DW	QBV3060512B	6 Jun 12 01:29
45	24	v385415c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512B	6 Jun 12 01:53
46	25	v385416c.d	1.	BS	QBV3060512B	6 Jun 12 02:18
47	26	v385417c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512B	6 Jun 12 02:45
48	27	v385418c.d	1.	10 ppb VOA CAL CHECK STD DW	QBV3060512B	6 Jun 12 03:09
49	28	v385419l.d	1.	BF20124-BS1	QBV3060512B	6 Jun 12 03:33
50	29	v385420l.d	1.	BF20125-BS1	QBV3060512B	6 Jun 12 04:00
51	30	v385421u.d	1.	BF20124-BSD1	QBV3060512B	6 Jun 12 04:27

Injection Log

Directory: k:\hpchem\1\data\v3060512

Line	Vial	FileName	Multiplier	SampleName	Misc Info	Injected
52	31	v385422u.d	1.	BF20125-BSD1	QBV3060512B	6 Jun 12 04:52
53	32	v385423b.d	1.	BF20124-BLK1	QBV3060512B	6 Jun 12 05:16
54	33	v385424b.d	1.	BF20125-BLK1	QBV3060512B	6 Jun 12 05:42
55	34	v385425w.d	1.	12F0113-09	QBV3060512B RCP RA	6 Jun 12 06:09
56	35	v385426w.d	1.	12F0115-01	QBV3060512B 8260LO QA	6 Jun 12 06:36
57	36	v385427w.d	1.	12F0113-10	QBV3060512B RCP RA	6 Jun 12 07:00
58	37	v385428w.d	1.	12F0115-02	QBV3060512B 8260LO QA	6 Jun 12 07:24
59	38	v385429w.d	1.	12F0113-11	QBV3060512B RCP RA	6 Jun 12 07:51
60	39	v385430w.d	1.	12F0116-01	QBV3060512B 8260LO ASPB	6 Jun 12 08:16
61	40	v385431w.d	1.	12F0118-01	QBV3060512B 502-2W/MTBEW	6 Jun 12 08:43
62	41	v385432w.d	1.	12F0112-01	QBV3060512B RCP RA	6 Jun 12 09:07
63	42	v385433w.d	1.	12F0118-02	QBV3060512B 502-2W/MTBEW	6 Jun 12 09:33
64	43	v385434w.d	1.	12F0112-02	QBV3060512B RCP RA	6 Jun 12 09:56
65	44	v385435w.d	1.	12E0968-01	QBV3060512B RCP RA RE VIAL 1 AF	6 Jun 12 10:21
66	45	v385436w.d	25.	12F0112-03	QBV3060512B RCP RA 2ML/50ML	6 Jun 12 10:44

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: METALS
METHOD: EPA 200.7

DATA PACKAGE COVER PAGE

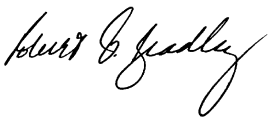
EPA 200.7

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Robert Q. Bradley

Date: 6/13/2012 Title: Executive Vice President & Laboratory Director

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: METALS
METHOD: EPA SW846-6010B

DATA PACKAGE COVER PAGE

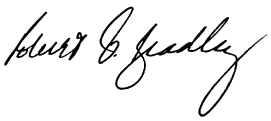
EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Robert Q. Bradley

Date: 6/13/2012 Title: Executive Vice President & Laboratory Director

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA 200.7

WQ053012:1325NP2-10

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Matrix: Water Laboratory ID: 12F0116-01 File ID: qbi061212c-018

Sampled: 05/30/12 13:25 Prepared: 06/05/12 14:36 Analyzed: 06/12/12 18:24

Solids: 0.00 Preparation: EPA 3010A Initial/Final: 50 mL / 50 mL

Batch: BF20112 Sequence: Calibration: Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-89-6	Iron	1.56	1		EPA 200.7

FORM I **INORGANIC ANALYSIS DATA SHEET**

EPA SW846-6010B

WQ053012:1325NP2-10

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Matrix: Water Laboratory ID: 12F0116-01 File ID: qbi061212c-015

Sampled: 05/30/12 13:25 Prepared: 06/05/12 14:36 Analyzed: 06/12/12 18:07

Solids: 0.00 Preparation: EPA 3010A Initial/Final: 50 mL / 50 mL

Batch: BF20112 Sequence: Calibration: Instrument: WinLabICP

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
7439-89-6	Iron (dissolved)	0.0174	1		EPA SW846-6010B

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries

Initial Calibration Source: Inorganic Ventures

Sequence: QBI061212C

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

	Initial Calibration Verification			CCV-1			CCV-2	
Analyte*	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Iron	5000	5126	103	5000	5121	102	5128	103

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries

Initial Calibration Source: Inorganic Ventures

Sequence: QBI061212C

Continuing Calibration Source: Inorganic Ventures

Concentration units: ug/L

	Initial Calibration Verification			CCV-3			CCV-4	
Analyte*	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)	FOUND	% R(1)
Iron	5000	5126	103	5000	5084	102	5004	100

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

Form 2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries

Initial Calibration Source: Inorganic Ventures — Sequence: QBI061212C

Continuing Calibration Source: Inorganic Ventures — Concentration units: ug/L

	Initial Calibration Verification			CCV-5				
Analyte*	TRUE	FOUND	%R(1)	TRUE	FOUND	% R(1)		
Iron	5000	5126	103	5000	5066	101		

* = Axial analysis unless otherwise noted

(1) Control Limits: 90-110 %

FORM 2B

RL STANDARDS

(Total & Dissolved Iron)

Lab Name: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

ICP Standard Source: Inorganic Ventures Concentration Units: ug/L

Sequence ID: QBI061212C

Analyte*	Initial TRUE	Initial FOUND	Initial %R	Final TRUE	Final FOUND	Final % R
Iron	5.0	6.9	138	5.0	7.9	158

* = Axial analysis unless otherwise noted

Form 3

BLANKS

(Total & Dissolved Iron)

Lab Name: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Preparation Blank Matrix: Aqueous Prep. Blank ID: BF20112-BLK1

Preparation Blank Concentration Units: ug/l Sequence ID: QBI061212C

		Initial Calibration Blank-ug/L		Continuing Calibration Blanks (ug/L)						Preparation Blank	
	Analyte*	Result	C	1	C	2	C	3	C	Result	C
10	Iron	10.0	U	10.0	U	10.0	U	10.0	U	10.0	U

* = Axial analysis unless otherwise noted

Form 3

BLANKS

(Total & Dissolved Iron)

Lab Name: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Preparation Blank Matrix: NA Prep. Blank ID: NA

Preparation Blank Concentration: NA Sequence ID: QBI061212C

		Initial Calibration Blank-ug/L		Continuing Calibration Blanks (ug/L)						Preparation Blank	
	Analyte*	Result	C	4	C	5	C			Result	
10	Iron	10.0	U	10.0	U	10.0	U				

* = Axial analysis unless otherwise noted

FORM 4

ICP INTERFERENCE CHECK SAMPLE

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
ICS Source:	Inorganic Ventures	Sequence:	QBI061212C
ICP ID No.:	PE Optima 7300 DV	Concentration Units: ug/L	

	TRUE		Initial Found			Final Found		
Analyte*	Sol. A	Sol. B	Sol. A	Sol. AB	% R	Sol. A	Sol. AB	% R
Iron	200000		177700		89	177700		89

* = Axial analysis unless otherwise noted

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA 200.7

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20112	Laboratory ID:	BF20112-MS1
Preparation:	EPA 3010A	Initial/Final:	50 mL / 50 mL

Source Sample Name: WQ053012:1325NP2-10

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Iron	1.00	1.56	2.55	99.0	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

EPA SW846-6010B

WQ053012:1325NP2-10

Laboratory:	York Analytical Laboratories, Inc.	SDG:	12F0116
Client:	Leggette Brashears & Graham Shelton Office	Project:	Rowe Industries
Matrix:	Water		
Batch:	BF20112	Laboratory ID:	BF20112-MS1
Preparation:	EPA 3010A	Initial/Final:	50 mL / 50 mL

Source Sample Name: WQ053012:1325NP2-10

COMPOUND	SPIKE ADDED (mg/L)	SAMPLE CONCENTRATION (mg/L)	MS CONCENTRATION (mg/L)	MS % REC. #	QC LIMITS REC.
Iron (dissolved)	1.00	0.0174	1.06	104	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

DUPLICATES

EPA 200.7

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Matrix: Water
Laboratory ID: BF20112-DUP1
Batch: BF20112
Lab Source ID: 12F0116-01
Preparation: EPA 3010A
Initial/Final: 50 mL / 50 mL
Source Sample Name: WQ053012:1325NP2-10
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Iron	20	1.56		1.50		3.92		EPA 200.7

* Values outside of QC limits

DUPLICATES

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Matrix: Water
Laboratory ID: BF20112-DUP1
Batch: BF20112
Lab Source ID: 12F0116-01
Preparation: EPA 3010A
Initial/Final: 50 mL / 50 mL
Source Sample Name: WQ053012:1325NP2-10
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Iron (dissolved)	20	0.0174		0.0116		39.5	*	EPA SW846-6010B

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA 200.7

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: O&M Sag Harbor (Rowe Industries Site)
Matrix: Water
Batch: BF20112
Laboratory ID: BF20112-SRM1
Preparation: EPA 3010A
Initial/Final: 50 mL / 50 mL

ANALYTE	TRUE (mg/L)	FOUND (mg/L)	SRM % REC.	QC LIMITS REC.
Iron	0.274	0.267	97.4	86.9 - 115

* Values outside of QC limits

STANDARD REFERENCE MATERIAL RECOVERY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: O&M Sag Harbor (Rowe Industries Site)
Matrix: Water
Batch: BF20112
Laboratory ID: BF20112-SRM1
Preparation: EPA 3010A
Initial/Final: 50 mL / 50 mL

ANALYTE	TRUE (mg/L)	FOUND (mg/L)	SRM % REC.	QC LIMITS REC.
Iron	0.274	0.267	97.4	86.9 - 115

* Values outside of QC limits

FORM 9A

ICP SERIAL DILUTIONS

(Total & Dissolved Iron)

Lab Name:	York Analytical Laboratories, Inc.	Client Sample ID:	WQ053012:1325NP2-10
Client:	Leggette Brashears & Graham Shelton Office	SDG:	12F0116
Matrix:	Aqueous	Project:	Rowe Industries
ICP ID No.:	PE Optima PE Optima 7300 DV		
Sequence ID:	QBI061212C	Laboratory ID:	12F0116-01

Analyte*	Initial Sample Result (I)**	C	Serial Dilution Result (S)	C	% Difference	Q	M
Iron	1506		1566		4.0		P

* = Axial analysis unless otherwise noted
** = reported when result is 50 times IDL
# = Values outside of QC limits

METHOD DETECTION AND REPORTING LIMITS

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
Iron	0.00550	0.0100	mg/L

METHOD DETECTION AND REPORTING LIMITS

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
Iron (dissolved)	0.00550	0.0100	mg/L

Interelement Correction Factors
ICP-OES DV-7300

IEC File Name: IEC 051211A

IEC File Last Saved: 9/28/2011 2:47:48 PM
Printed On: 9/28/2011 2:47:52 PM

Method Name: TAL METHOD
Results Library: C:\pe\MIKEW\Results\Res

		Interfering Analytes			
	Analytes	Fe 273.955	Al 308.215	Ca 227.546	Mg 279.077
1	**Ag 338.289**	0	0	0.01053	0
2	**Al 308.215**	-0.0853677	n/a	0.0113715	0.0230017
3	**Al RADIAL**	-0.120022	1040.13	-0.0385377	-0.0326901
4	**As 188.979**	-0.147064	0	0	0
5	**Ba 233.527**	0	0	0	0
6	**Be 313.107**	0	0	0	0
7	**Ca 227.546**	-4.69394	-0.540569	n/a	-0.0764809
8	**Ca RADIAL**	-0.208308	-0.0362947	985.629	-0.0380518
9	**Cd 226.502**	0.188643	0	0	0
10	**Co 228.616**	0	0	0	0
11	**Cr 267.716**	0	0	0	0
12	**Cu 324.752**	-0.0486096	0.011678	0.0195576	0.0130959
13	**Fe 273.955**	n/a	0	0	0
14	**Fe RADIAL**	1050.93	0.010468	0	0.0130041
15	**K RADIAL**	0	-0.0141601	0	0.019658
16	**Mg 279.077**	-0.0503105	0	0.0223471	n/a
17	**Mg RADIAL**	-0.0472329	0	0.0580061	959.388
18	**Mn 257.610**	-0.0538655	0	0	0.0184026
19	**Na 330.237**	-4.8803	-0.0462274	-1.67366	-0.102377
20	**Na RADIAL**	0.073432	0.0403134	0.0327159	0.108619
21	**Ni 232.003**	-0.163436	0	0	0
22	**Pb 220.353**	0.130655	-0.0944594	-0.011762	0
23	**Sb 206.836**	0	0.0149504	0	0
24	**Se 196.026**	-0.702912	0	0	0
25	**Tl 190.801**	-0.0795765	-0.0111665	0	0
26	**V 292.402**	0.0810207	0	0	0
27	**Y 371.029**	25.2577	9.27277	8.3464	8.87615
28	**Y RADIAL**	25.9251	9.90661	8.63732	9.4563
29	**Zn 206.200**	0.0476982	0.0198303	0	0

YORK ANALYTICAL LABS

ICP Linear Dynamic Range 07/18/11

Perkin Elmer Optima DV7300 Axial/Radial - Method 6010B

Analyte	Linear Dynamic Range, mg/L
As	40
Tl	20
Se	100
Zn	10
Sb	100
Pb	20
Cd	10
Co	10
Ni	50
Ba	20
Mn	10
Cr	4.0
Fe	20
Mg	200
V	20
Al	500
Be	5.0
Cu	25
Ag	25
Na	100
Ca	500
Al Radial	500
Fe Radial	500
Ca Radial	500
K Radial	500
Mg Radial	500
Na Radial	200

FORM IV **PREPARATION BATCH SUMMARY**

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20112 Batch Matrix: Water Preparation: EPA 3010A

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01	qbi061212c-018	06/05/12 14:36	
Blank	BF20112-BLK1	qbi061212c-009	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-DUP1	qbi061212c-021	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-MS1	qbi061212c-022	06/05/12 14:36	
Reference	BF20112-SRM1	qbi061212c-010	06/05/12 14:36	

FORM IV **PREPARATION BATCH SUMMARY**

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20112 Batch Matrix: Water Preparation: EPA 3010A

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01	qbi061212c-015	06/05/12 14:36	
Blank	BF20112-BLK1	qbi061212c-009	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-DUP1	qbi061212c-016	06/05/12 14:36	
WQ053012:1325NP2-10	BF20112-MS1	qbi061212c-017	06/05/12 14:36	
Reference	BF20112-SRM1	qbi061212c-010	06/05/12 14:36	

FORM V **ANALYSIS BATCH (SEQUENCE) SUMMARY**

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sequence: Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Blank	BF20112-BLK1	qbi061212c-009	06/12/12 17:38
Reference	BF20112-SRM1	qbi061212c-010	06/12/12 17:43
WQ053012:1325NP2-10	12F0116-01	qbi061212c-018	06/12/12 18:24
WQ053012:1325NP2-10	BF20112-DUP1	qbi061212c-021	06/12/12 18:42
WQ053012:1325NP2-10	BF20112-MS1	qbi061212c-022	06/12/12 18:47

FORM V **ANALYSIS BATCH (SEQUENCE) SUMMARY**

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sequence: Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
Blank	BF20112-BLK1	qbi061212c-009	06/12/12 17:38
Reference	BF20112-SRM1	qbi061212c-010	06/12/12 17:43
WQ053012:1325NP2-10	12F0116-01	qbi061212c-015	06/12/12 18:07
WQ053012:1325NP2-10	BF20112-DUP1	qbi061212c-016	06/12/12 18:12
WQ053012:1325NP2-10	BF20112-MS1	qbi061212c-017	06/12/12 18:16

HOLDING TIME SUMMARY

EPA 200.7

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/05/12 14:36	6.05	180.00	06/12/12 18:24	7.16	180.00	

HOLDING TIME SUMMARY

EPA SW846-6010B

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/05/12 14:36	6.05	180.00	06/12/12 18:07	7.15	180.00	

Sample Information Detail Report
Document Name: 061212c

File Description
Sample Information File

Parameters Common to All Samples

Batch ID	qbi061212c
Analyst Name	MW
Volume Units	mL
Weight Units	g

Parameters That Vary By Sample

3	3	ICV
4	4	ICB
5	5	RL STD
6	6	ICS A
7	7	ICS AB
8	3	CCV-1
9	4	CCB-1
10	9	BF20112-BLK1
11	10	BF20112-SRM1
12	11	12F0115-01
13	12	12F0115-01
14	13	12F0115-02
15	14	12F0115-02
16	15	12F0116-01
17	16	BF20112-DUP1
18	17	BF20112-MS1
19	18	12F0116-01
20	3	CCV-2
21	4	CCB-2
22	19	BF20112-DUP1
23	20	BF20112-MS1
24	21	BF20417-BLK1
25	22	BF20417-SRM1
26	23	BF20417-SRM2
27	24	12F0343-01
28	25	BF20417-DUP1
29	26	BF20417-MS1
30	27	12F0374-01
31	28	BF20418-BLK1
32	3	CCV-3
33	4	CCB-3
34	29	BF20418-SRM1
35	30	12F0316-01
36	31	12F0339-01
37	32	12F0346-01
38	33	12F0352-01
39	34	12F0360-10
40	35	12F0360-11
41	36	12F0360-12
42	37	12F0360-13
43	38	BF20418-DUP1
44	3	CCV-4
45	4	CCB-4
46	39	BF20418-MS1
47	40	12F0362-01
48	41	SD 1:5 S 12F0362-01
49	42	SD 1:5 A 12F0116-01
50	5	RL STD
51	6	ICS A
52	7	ICS AB
53	3	CCV-5
54	4	CCB-5

3
4
5

Analysis Begun

Start Time: 6/12/2012 4:39:56 PM
Logged In Analyst: mikew
Spectrometer Model: Optima 7300 DV, S/N 077C9011901
Plasma On Time: 6/12/2012 6:57:40 AM
Technique: ICP Continuous
Autosampler Model: S10

Sample Information File: C:\pe\Mikew\Sample Information\061212c.sif
Batch ID: qbi061212c
Results Data Set: qbi061212c
Results Library: C:\pe\MIKEW\Results\Results.mdb

Sequence No.: 1
Sample ID: Calib Blank 1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 1
Date Collected: 6/12/2012 4:39:57 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: Calib Blank 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	18670628.0	85487.19	0.46%	5.000	mg/L
Y RADIAL	311917.8	4592.16	1.47%	5.000	mg/L
As 188.979†	-23.7	7.67	32.40%	[0.00]	mg/L
Tl 190.801†	-30.5	4.86	15.92%	[0.00]	mg/L
Se 196.026†	6.5	1.66	25.44%	[0.00]	mg/L
Zn 206.200†	21.8	4.74	21.70%	[0.00]	mg/L
Sb 206.836†	33.6	3.00	8.93%	[0.00]	mg/L
Pb 220.353†	28.4	6.76	23.81%	[0.00]	mg/L
Cd 226.502†	-320.7	7.52	2.35%	[0.00]	mg/L
Co 228.616†	-80.7	5.45	6.76%	[0.00]	mg/L
Ni 232.003†	-528.2	15.03	2.85%	[0.00]	mg/L
Ba 233.527†	20.9	7.03	33.61%	[0.00]	mg/L
Mn 257.610†	273.7	14.41	5.27%	[0.00]	mg/L
Cr 267.716†	93.9	12.36	13.17%	[0.00]	mg/L
Fe 273.955†	-34.7	7.64	22.04%	[0.00]	mg/L
Mg 279.077†	-88.1	7.04	7.98%	[0.00]	mg/L
V 292.402†	-116.9	22.07	18.87%	[0.00]	mg/L
Al 308.215†	8167.7	114.23	1.40%	[0.00]	mg/L
Be 313.107†	-7281.9	259.13	3.56%	[0.00]	mg/L
Cu 324.752†	3135.4	45.22	1.44%	[0.00]	mg/L
Ag 338.289†	234.3	30.50	13.02%	[0.00]	mg/L
Na 330.237†	400.4	50.85	12.70%	[0.00]	mg/L
Ca 227.546†	-327.2	6.70	2.05%	[0.00]	mg/L
Al RADIAL†	61.0	2.59	4.24%	[0.00]	mg/L
Fe RADIAL†	1.8	2.52	136.84%	[0.00]	mg/L
Ca RADIAL†	1390.7	21.72	1.56%	[0.00]	mg/L
K RADIAL†	69.3	45.26	65.32%	[0.00]	mg/L
Mg RADIAL†	1.1	2.39	222.54%	[0.00]	mg/L
Na RADIAL†	3825.2	294.22	7.69%	[0.00]	mg/L

Sequence No.: 2
Sample ID: CAL STD 1
Analyst:
Initial Sample Wt:
Dilution:
Autosampler Location: 2
Date Collected: 6/12/2012 4:44:35 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CAL STD 1

Analyte	Mean Corrected Intensity	Std.Dev.	RSD	Conc.	Calib Units
Y 371.029	17903509.2	85976.01	0.48%	4.795	mg/L
Y RADIAL	309425.8	2167.45	0.70%	4.960	mg/L
As 188.979†	2548.8	12.93	0.51%	[1.0000]	mg/L
Tl 190.801†	3566.9	6.13	0.17%	[1.0000]	mg/L
Se 196.026†	1272.8	6.71	0.53%	[1.0000]	mg/L
Zn 206.200†	317232.3	3244.22	1.02%	[5.0000]	mg/L
Sb 206.836†	2203.0	11.66	0.53%	[0.5000]	mg/L

Pb 220.353†	9023.2	38.05	0.42%	[1.0000] mg/L
Cd 226.502†	79248.2	624.82	0.79%	[0.5000] mg/L
Co 228.616†	190560.5	1666.88	0.87%	[5.0000] mg/L
Ni 232.003†	116224.5	899.19	0.77%	[5.0000] mg/L
Ba 233.527†	3017403.3	24662.43	0.82%	[20.0000] mg/L
Mn 257.610†	4087486.6	30614.22	0.75%	[5.0000] mg/L
Cr 267.716†	282877.8	2081.01	0.74%	[2.0000] mg/L
Fe 273.955†	218252.7	1705.24	0.78%	[10.0000] mg/L
Mg 279.077†	904254.8	7210.74	0.80%	[50.0000] mg/L
V 292.402†	1907535.1	12437.11	0.65%	[5.0000] mg/L
Al 308.215†	826864.4	5813.46	0.70%	[20.0000] mg/L
Be 313.107†	2490183.1	13301.34	0.53%	[0.5000] mg/L
Cu 324.752†	999013.9	7059.79	0.71%	[2.5000] mg/L
Ag 338.289†	543314.1	3980.70	0.73%	[2.5000] mg/L
Na 330.237†	81479.0	625.83	0.77%	[50.0000] mg/L
Ca 227.546†	32705.8	205.05	0.63%	[50.0000] mg/L
Al RADIAL†	38031.0	481.75	1.27%	[20.0000] mg/L
Fe RADIAL†	1233.3	7.63	0.62%	[10.0000] mg/L
Ca RADIAL†	147821.1	222.62	0.15%	[50.0000] mg/L
K RADIAL†	16714.9	117.57	0.70%	[10.0000] mg/L
Mg RADIAL†	8075.7	52.11	0.65%	[50.0000] mg/L
Na RADIAL†	973395.6	2353.94	0.24%	[50.0000] mg/L

Sequence No.: 3
Sample ID: ICV
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/12/2012 4:52:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICV

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18453580.4	4.942	mg/L	0.0198				0.40%
Y RADIAL	312474.7	5.009	mg/L	0.0606				1.21%
As 188.979†	641.1	0.2523	mg/L	0.00513	0.2523	mg/L	0.00513	2.03%
Tl 190.801†	918.1	0.2579	mg/L	0.00146	0.2579	mg/L	0.00146	0.57%
Se 196.026†	324.2	0.2583	mg/L	0.00554	0.2583	mg/L	0.00554	2.14%
Zn 206.200†	167393.5	2.638	mg/L	0.0249	2.638	mg/L	0.0249	0.94%
Sb 206.836†	1205.4	0.2734	mg/L	0.00405	0.2734	mg/L	0.00405	1.48%
Pb 220.353†	2346.2	0.2606	mg/L	0.00263	0.2606	mg/L	0.00263	1.01%
Cd 226.502†	20513.6	0.1285	mg/L	0.00161	0.1285	mg/L	0.00161	1.25%
Co 228.616†	99438.3	2.609	mg/L	0.0262	2.609	mg/L	0.0262	1.00%
Ni 232.003†	59115.8	2.544	mg/L	0.0222	2.544	mg/L	0.0222	0.87%
Ba 233.527†	1567385.0	10.39	mg/L	0.107	10.39	mg/L	0.107	1.03%
Mn 257.610†	2079493.1	2.544	mg/L	0.0277	2.544	mg/L	0.0277	1.09%
Cr 267.716†	146872.6	1.038	mg/L	0.0112	1.038	mg/L	0.0112	1.08%
Fe 273.955†	111873.0	5.126	mg/L	0.0496	5.126	mg/L	0.0496	0.97%
Mg 279.077†	453640.8	25.08	mg/L	0.282	25.08	mg/L	0.282	1.12%
V 292.402†	951070.0	2.493	mg/L	0.0303	2.493	mg/L	0.0303	1.22%
Al 308.215†	402372.9	9.732	mg/L	0.1551	9.732	mg/L	0.1551	1.59%
Be 313.107†	1246089.0	0.2502	mg/L	0.00278	0.2502	mg/L	0.00278	1.11%
Cu 324.752†	497566.6	1.244	mg/L	0.0175	1.244	mg/L	0.0175	1.40%
Ag 338.289†	275048.1	1.265	mg/L	0.0120	1.265	mg/L	0.0120	0.95%
Na 330.237†	39270.6	24.17	mg/L	0.226	24.17	mg/L	0.226	0.94%
Ca 227.546†	15950.8	24.42	mg/L	0.362	24.42	mg/L	0.362	1.48%
Al RADIAL†	19193.7	10.09	mg/L	0.200	10.09	mg/L	0.200	1.98%
Fe RADIAL†	628.8	5.099	mg/L	0.0259	5.099	mg/L	0.0259	0.51%
Ca RADIAL†	76766.0	25.97	mg/L	0.220	25.97	mg/L	0.220	0.85%
K RADIAL†	8366.6	5.005	mg/L	0.0988	5.005	mg/L	0.0988	1.97%
Mg RADIAL†	4141.2	25.64	mg/L	0.330	25.64	mg/L	0.330	1.29%
Na RADIAL†	503315.0	25.85	mg/L	0.171	25.85	mg/L	0.171	0.66%

Sequence No.: 4
Sample ID: ICB
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/12/2012 5:00:58 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICB

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	19104916.8	5.116	mg/L	0.0417				0.81%
Y RADIAL	316096.1	5.067	mg/L	0.0104				0.20%
As 188.979†	0.5	0.0002	mg/L	0.00162	0.0002	mg/L	0.00162	813.31%
Tl 190.801†	-1.0	-0.0003	mg/L	0.00156	-0.0003	mg/L	0.00156	536.56%
Se 196.026†	4.1	0.0032	mg/L	0.00387	0.0032	mg/L	0.00387	119.50%
Zn 206.200†	-4.2	-0.0001	mg/L	0.00006	-0.0001	mg/L	0.00006	90.32%
Sb 206.836†	6.6	0.0015	mg/L	0.00021	0.0015	mg/L	0.00021	14.01%
Pb 220.353†	3.9	0.0004	mg/L	0.00046	0.0004	mg/L	0.00046	105.57%
Cd 226.502†	20.3	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	44.19%
Co 228.616†	-5.0	-0.0001	mg/L	0.00020	-0.0001	mg/L	0.00020	154.26%
Ni 232.003†	7.5	0.0003	mg/L	0.00030	0.0003	mg/L	0.00030	93.04%
Ba 233.527†	3.0	0.0000	mg/L	0.00012	0.0000	mg/L	0.00012	609.61%
Mn 257.610†	9.1	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	90.05%
Cr 267.716†	-6.0	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	175.44%
Fe 273.955†	2.8	0.0001	mg/L	0.00056	0.0001	mg/L	0.00056	441.54%
Mg 279.077†	8.4	0.0005	mg/L	0.00095	0.0005	mg/L	0.00095	206.12%
V 292.402†	24.8	0.0001	mg/L	0.00015	0.0001	mg/L	0.00015	235.20%
Al 308.215†	-283.9	-0.0069	mg/L	0.00251	-0.0069	mg/L	0.00251	36.50%
Be 313.107†	130.1	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	141.48%
Cu 324.752†	113.1	0.0003	mg/L	0.00014	0.0003	mg/L	0.00014	48.43%
Ag 338.289†	-63.7	-0.0003	mg/L	0.00025	-0.0003	mg/L	0.00025	86.66%
Na 330.237†	-26.8	-0.0164	mg/L	0.01948	-0.0164	mg/L	0.01948	118.79%
Ca 227.546†	19.3	0.0296	mg/L	0.03324	0.0296	mg/L	0.03324	112.49%
Al RADIAL†	-12.6	-0.0066	mg/L	0.00788	-0.0066	mg/L	0.00788	118.97%
Fe RADIAL†	-2.0	-0.0160	mg/L	0.00994	-0.0160	mg/L	0.00994	62.11%
Ca RADIAL†	-37.5	-0.0127	mg/L	0.00008	-0.0127	mg/L	0.00008	0.64%
K RADIAL†	18.9	0.0113	mg/L	0.01267	0.0113	mg/L	0.01267	112.16%
Mg RADIAL†	2.5	0.0154	mg/L	0.01053	0.0154	mg/L	0.01053	68.25%
Na RADIAL†	-655.4	-0.0337	mg/L	0.02225	-0.0337	mg/L	0.02225	66.10%

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Sequence No.: 5
Sample ID: RL STD
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 5
Date Collected: 6/12/2012 5:05:40 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: RL STD

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18669068.6	5.000	mg/L	0.0335				0.67%
Y RADIAL	311980.4	5.001	mg/L	0.0284				0.57%
As 188.979†	26.7	0.0105	mg/L	0.00034	0.0105	mg/L	0.00034	3.20%
Tl 190.801†	38.3	0.0108	mg/L	0.00081	0.0108	mg/L	0.00081	7.50%
Se 196.026†	12.0	0.0094	mg/L	0.00194	0.0094	mg/L	0.00194	20.61%
Zn 206.200†	481.4	0.0076	mg/L	0.00001	0.0076	mg/L	0.00001	0.11%
Sb 206.836†	52.6	0.0119	mg/L	0.00033	0.0119	mg/L	0.00033	2.75%
Pb 220.353†	57.9	0.0064	mg/L	0.00072	0.0064	mg/L	0.00072	11.16%
Cd 226.502†	881.4	0.0056	mg/L	0.00000	0.0056	mg/L	0.00000	0.07%
Co 228.616†	203.7	0.0053	mg/L	0.00015	0.0053	mg/L	0.00015	2.88%
Ni 232.003†	118.1	0.0051	mg/L	0.00053	0.0051	mg/L	0.00053	10.38%
Ba 233.527†	1706.1	0.0113	mg/L	0.00007	0.0113	mg/L	0.00007	0.66%
Mn 257.610†	4524.7	0.0055	mg/L	0.00001	0.0055	mg/L	0.00001	0.23%
Cr 267.716†	780.1	0.0055	mg/L	0.00009	0.0055	mg/L	0.00009	1.63%
Fe 273.955†	150.2	0.0069	mg/L	0.00028	0.0069	mg/L	0.00028	4.08%
Mg 279.077†	46.8	0.0026	mg/L	0.00128	0.0026	mg/L	0.00128	49.60%
V 292.402†	1911.4	0.0050	mg/L	0.00003	0.0050	mg/L	0.00003	0.60%
Al 308.215†	455.1	0.0110	mg/L	0.00095	0.0110	mg/L	0.00095	8.65%
Be 313.107†	24441.7	0.0049	mg/L	0.00004	0.0049	mg/L	0.00004	0.75%
Cu 324.752†	2181.6	0.0055	mg/L	0.00006	0.0055	mg/L	0.00006	1.11%
Ag 338.289†	1103.0	0.0051	mg/L	0.00008	0.0051	mg/L	0.00008	1.55%
Na 330.237†	-82.2	-0.0504	mg/L	0.02790	-0.0504	mg/L	0.02790	55.39%
Ca 227.546†	18.9	0.0289	mg/L	0.00849	0.0289	mg/L	0.00849	29.39%
Al RADIAL†	21.4	0.0112	mg/L	0.00532	0.0112	mg/L	0.00532	47.36%
Fe RADIAL†	-1.1	-0.0087	mg/L	0.00292	-0.0087	mg/L	0.00292	33.67%
Ca RADIAL†	-4.7	-0.0016	mg/L	0.00251	-0.0016	mg/L	0.00251	159.15%
K RADIAL†	49.9	0.0298	mg/L	0.01763	0.0298	mg/L	0.01763	59.09%
Mg RADIAL†	4.3	0.0265	mg/L	0.01705	0.0265	mg/L	0.01705	64.30%

Na RADIAL†	-1242.7	-0.0638 mg/L	0.00691	-0.0638 mg/L	0.00691	10.83%

Sequence No.: 6
Sample ID: ICS A
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 6
Date Collected: 6/12/2012 5:10:22 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS A

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	16089349.9	4.309	mg/L	0.0111				0.26%
Y RADIAL	284806.9	4.565	mg/L	0.0328				0.72%
As 188.979†	-44.0	0.0089	mg/L	0.00559	0.0089	mg/L	0.00559	63.05%
Tl 190.801†	-79.2	-0.0025	mg/L	0.00268	-0.0025	mg/L	0.00268	108.78%
Se 196.026†	-206.5	-0.0373	mg/L	0.00472	-0.0373	mg/L	0.00472	12.64%
Zn 206.200†	1243.5	0.0012	mg/L	0.00018	0.0012	mg/L	0.00018	15.36%
Sb 206.836†	15.0	-0.0041	mg/L	0.00154	-0.0041	mg/L	0.00154	37.66%
Pb 220.353†	-329.8	-0.0064	mg/L	0.00150	-0.0064	mg/L	0.00150	23.52%
Cd 226.502†	5335.0	0.0001	mg/L	0.00049	0.0001	mg/L	0.00049	331.51%
Co 228.616†	-82.3	-0.0022	mg/L	0.00071	-0.0022	mg/L	0.00071	32.97%
Ni 232.003†	233.4	0.0391	mg/L	0.00078	0.0391	mg/L	0.00078	2.00%
Ba 233.527†	416.4	0.0028	mg/L	0.00012	0.0028	mg/L	0.00012	4.44%
Mn 257.610†	-9785.3	-0.0113	mg/L	0.00033	-0.0113	mg/L	0.00033	2.89%
Cr 267.716†	-1199.4	-0.0085	mg/L	0.00012	-0.0085	mg/L	0.00012	1.44%
Fe 273.955†	3877434.1	177.7	mg/L	1.51	177.7	mg/L	1.51	0.85%
Mg 279.077†	8745119.2	483.6	mg/L	3.73	483.6	mg/L	3.73	0.77%
V 292.402†	8192.7	0.0071	mg/L	0.00071	0.0071	mg/L	0.00071	10.08%
Al 308.215†	20714670.5	501.0	mg/L	1.48	501.0	mg/L	1.48	0.30%
Be 313.107†	-804.3	-0.0002	mg/L	0.00003	-0.0002	mg/L	0.00003	19.33%
Cu 324.752†	-4113.9	-0.0239	mg/L	0.00004	-0.0239	mg/L	0.00004	0.18%
Ag 338.289†	897.9	-0.0013	mg/L	0.00009	-0.0013	mg/L	0.00009	6.56%
Na 330.237†	-1768.6	0.7182	mg/L	0.00303	0.7182	mg/L	0.00303	0.42%
Ca 227.546†	337631.9	517.3	mg/L	2.16	517.3	mg/L	2.16	0.42%
Al RADIAL†	985911.5	518.5	mg/L	4.50	518.5	mg/L	4.50	0.87%
Fe RADIAL†	23841.3	193.3	mg/L	1.38	193.3	mg/L	1.38	0.72%
Ca RADIAL†	1419571.6	480.2	mg/L	1.32	480.2	mg/L	1.32	0.28%
K RADIAL†	93.1	0.0557	mg/L	0.03228	0.0557	mg/L	0.03228	57.98%
Mg RADIAL†	79865.8	494.5	mg/L	3.97	494.5	mg/L	3.97	0.80%
Na RADIAL†	15724.0	0.8077	mg/L	0.00520	0.8077	mg/L	0.00520	0.64%

Sequence No.: 7
Sample ID: ICS AB
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 6/12/2012 5:18:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS AB

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	16131252.7	4.320	mg/L	0.0078				0.18%
Y RADIAL	288063.9	4.618	mg/L	0.0522				1.13%
As 188.979†	1376.5	0.5664	mg/L	0.00304	0.5664	mg/L	0.00304	0.54%
Tl 190.801†	1624.0	0.4752	mg/L	0.00230	0.4752	mg/L	0.00230	0.48%
Se 196.026†	508.4	0.5255	mg/L	0.00402	0.5255	mg/L	0.00402	0.76%
Zn 206.200†	58428.6	0.9023	mg/L	0.00326	0.9023	mg/L	0.00326	0.36%
Sb 206.836†	2433.1	0.5447	mg/L	0.00474	0.5447	mg/L	0.00474	0.87%
Pb 220.353†	8041.2	0.9215	mg/L	0.00291	0.9215	mg/L	0.00291	0.32%
Cd 226.502†	153804.6	0.9366	mg/L	0.00344	0.9366	mg/L	0.00344	0.37%
Co 228.616†	17383.9	0.4561	mg/L	0.00223	0.4561	mg/L	0.00223	0.49%
Ni 232.003†	23899.9	1.057	mg/L	0.0057	1.057	mg/L	0.0057	0.54%
Ba 233.527†	75893.9	0.5030	mg/L	0.00205	0.5030	mg/L	0.00205	0.41%
Mn 257.610†	377319.7	0.4624	mg/L	0.00088	0.4624	mg/L	0.00088	0.19%
Cr 267.716†	65810.7	0.4653	mg/L	0.00089	0.4653	mg/L	0.00089	0.19%
Fe 273.955†	3913587.6	179.3	mg/L	0.47	179.3	mg/L	0.47	0.26%
Mg 279.077†	8612594.3	476.2	mg/L	0.77	476.2	mg/L	0.77	0.16%
V 292.402†	189036.2	0.4810	mg/L	0.00088	0.4810	mg/L	0.00088	0.18%
Al 308.215†	20889038.9	505.3	mg/L	0.66	505.3	mg/L	0.66	0.13%

Be 313.107†	2418216.9	0.4856 mg/L	0.00251	0.4856 mg/L	0.00251	0.52%
Cu 324.752†	208946.7	0.5094 mg/L	0.00175	0.5094 mg/L	0.00175	0.34%
Ag 338.289†	237961.1	1.090 mg/L	0.0019	1.090 mg/L	0.0019	0.18%
Na 330.237†	-512.5	1.490 mg/L	0.0280	1.490 mg/L	0.0280	1.88%
Ca 227.546†	335178.9	513.6 mg/L	2.31	513.6 mg/L	2.31	0.45%
Al RADIAL†	1006887.3	529.5 mg/L	1.96	529.5 mg/L	1.96	0.37%
Fe RADIAL†	24132.4	195.7 mg/L	2.47	195.7 mg/L	2.47	1.26%
Ca RADIAL†	1431303.2	484.1 mg/L	0.94	484.1 mg/L	0.94	0.19%
K RADIAL†	58.3	0.0349 mg/L	0.02878	0.0349 mg/L	0.02878	82.43%
Mg RADIAL†	80190.7	496.5 mg/L	6.04	496.5 mg/L	6.04	1.22%
Na RADIAL†	14987.4	0.7699 mg/L	0.01188	0.7699 mg/L	0.01188	1.54%

Sequence No.: 8
Sample ID: CCV-1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/12/2012 5:25:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18386312.9	4.924	mg/L	0.0051				0.10%
Y RADIAL	315444.6	5.057	mg/L	0.0207				0.41%
As 188.979†	642.9	0.2530	mg/L	0.00405	0.2530	mg/L	0.00405	1.60%
Tl 190.801†	931.5	0.2617	mg/L	0.00227	0.2617	mg/L	0.00227	0.87%
Se 196.026†	324.6	0.2586	mg/L	0.00273	0.2586	mg/L	0.00273	1.06%
Zn 206.200†	166466.9	2.623	mg/L	0.0125	2.623	mg/L	0.0125	0.48%
Sb 206.836†	1196.0	0.2713	mg/L	0.00266	0.2713	mg/L	0.00266	0.98%
Pb 220.353†	2358.5	0.2619	mg/L	0.00165	0.2619	mg/L	0.00165	0.63%
Cd 226.502†	20459.3	0.1281	mg/L	0.00045	0.1281	mg/L	0.00045	0.35%
Co 228.616†	99217.3	2.603	mg/L	0.0062	2.603	mg/L	0.0062	0.24%
Ni 232.003†	58870.2	2.533	mg/L	0.0104	2.533	mg/L	0.0104	0.41%
Ba 233.527†	1570031.9	10.41	mg/L	0.091	10.41	mg/L	0.091	0.88%
Mn 257.610†	2087164.3	2.553	mg/L	0.0178	2.553	mg/L	0.0178	0.70%
Cr 267.716†	146849.5	1.038	mg/L	0.0052	1.038	mg/L	0.0052	0.50%
Fe 273.955†	111774.9	5.121	mg/L	0.0193	5.121	mg/L	0.0193	0.38%
Mg 279.077†	455405.0	25.18	mg/L	0.206	25.18	mg/L	0.206	0.82%
V 292.402†	952426.9	2.496	mg/L	0.0182	2.496	mg/L	0.0182	0.73%
Al 308.215†	403314.5	9.755	mg/L	0.0913	9.755	mg/L	0.0913	0.94%
Be 313.107†	1245269.5	0.2500	mg/L	0.00194	0.2500	mg/L	0.00194	0.78%
Cu 324.752†	499068.4	1.248	mg/L	0.0057	1.248	mg/L	0.0057	0.45%
Ag 338.289†	274463.1	1.263	mg/L	0.0036	1.263	mg/L	0.0036	0.28%
Na 330.237†	39085.4	24.05	mg/L	0.223	24.05	mg/L	0.223	0.93%
Ca 227.546†	15805.7	24.19	mg/L	0.084	24.19	mg/L	0.084	0.35%
Al RADIAL†	19163.1	10.08	mg/L	0.132	10.08	mg/L	0.132	1.31%
Fe RADIAL†	618.4	5.014	mg/L	0.0500	5.014	mg/L	0.0500	1.00%
Ca RADIAL†	75850.3	25.66	mg/L	0.288	25.66	mg/L	0.288	1.12%
K RADIAL†	8354.7	4.998	mg/L	0.0469	4.998	mg/L	0.0469	0.94%
Mg RADIAL†	4092.2	25.34	mg/L	0.195	25.34	mg/L	0.195	0.77%
Na RADIAL†	503069.2	25.84	mg/L	0.229	25.84	mg/L	0.229	0.89%

Sequence No.: 9
Sample ID: CCB-1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/12/2012 5:34:03 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	19017045.7	5.093	mg/L	0.0559				1.10%
Y RADIAL	312322.3	5.006	mg/L	0.0275				0.55%
As 188.979†	3.4	0.0014	mg/L	0.00120	0.0014	mg/L	0.00120	88.74%
Tl 190.801†	-2.5	-0.0007	mg/L	0.00176	-0.0007	mg/L	0.00176	255.66%
Se 196.026†	5.5	0.0043	mg/L	0.00390	0.0043	mg/L	0.00390	91.16%
Zn 206.200†	-1.4	0.0000	mg/L	0.00026	0.0000	mg/L	0.00026	>999.9%
Sb 206.836†	1.9	0.0004	mg/L	0.00163	0.0004	mg/L	0.00163	386.93%
Pb 220.353†	7.2	0.0008	mg/L	0.00075	0.0008	mg/L	0.00075	95.22%

Cd 226.502†	20.8	0.0001 mg/L	0.00001	0.0001 mg/L	0.00001	9.12%
Co 228.616†	-8.2	-0.0002 mg/L	0.00012	-0.0002 mg/L	0.00012	54.39%
Ni 232.003†	3.9	0.0002 mg/L	0.00024	0.0002 mg/L	0.00024	141.75%
Ba 233.527†	0.0	0.0000 mg/L	0.00004	0.0000 mg/L	0.00004	>999.9%
Mn 257.610†	-2.2	0.0000 mg/L	0.00002	0.0000 mg/L	0.00002	832.28%
Cr 267.716†	-10.4	-0.0001 mg/L	0.00005	-0.0001 mg/L	0.00005	64.98%
Fe 273.955†	20.8	0.0010 mg/L	0.00031	0.0010 mg/L	0.00031	32.82%
Mg 279.077†	14.2	0.0008 mg/L	0.00096	0.0008 mg/L	0.00096	122.27%
V 292.402†	4.3	0.0000 mg/L	0.00005	0.0000 mg/L	0.00005	439.47%
Al 308.215†	-334.2	-0.0081 mg/L	0.00329	-0.0081 mg/L	0.00329	40.70%
Be 313.107†	260.2	0.0001 mg/L	0.00003	0.0001 mg/L	0.00003	59.05%
Cu 324.752†	-106.8	-0.0003 mg/L	0.00036	-0.0003 mg/L	0.00036	135.74%
Ag 338.289†	-58.1	-0.0003 mg/L	0.00009	-0.0003 mg/L	0.00009	32.13%
Na 330.237†	-108.9	-0.0668 mg/L	0.01426	-0.0668 mg/L	0.01426	21.35%
Ca 227.546†	16.2	0.0248 mg/L	0.02420	0.0248 mg/L	0.02420	97.46%
Al RADIAL†	-8.4	-0.0044 mg/L	0.00231	-0.0044 mg/L	0.00231	52.39%
Fe RADIAL†	-1.9	-0.0151 mg/L	0.01186	-0.0151 mg/L	0.01186	78.31%
Ca RADIAL†	-17.0	-0.0058 mg/L	0.01093	-0.0058 mg/L	0.01093	189.85%
K RADIAL†	40.3	0.0241 mg/L	0.00637	0.0241 mg/L	0.00637	26.45%
Mg RADIAL†	1.6	0.0099 mg/L	0.02467	0.0099 mg/L	0.02467	250.00%
Na RADIAL†	-3014.1	-0.1548 mg/L	0.01161	-0.1548 mg/L	0.01161	7.50%

Sequence No.: 10
Sample ID: BF20112-BLK1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 9
Date Collected: 6/12/2012 5:38:45 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-BLK1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18576502.0	4.975	mg/L	0.0191				0.38%
Y RADIAL	312398.6	5.008	mg/L	0.0285				0.57%
As 188.979†	3.5	0.0014	mg/L	0.00282	0.0014	mg/L	0.00282	202.95%
Tl 190.801†	-0.3	-0.0001	mg/L	0.00078	-0.0001	mg/L	0.00078	835.74%
Se 196.026†	-2.2	-0.0017	mg/L	0.00413	-0.0017	mg/L	0.00413	240.63%
Zn 206.200†	-1.4	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	365.92%
Sb 206.836†	-0.6	-0.0001	mg/L	0.00106	-0.0001	mg/L	0.00106	764.39%
Pb 220.353†	1.7	0.0002	mg/L	0.00208	0.0002	mg/L	0.00208	>999.9%
Cd 226.502†	8.9	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	97.94%
Co 228.616†	-3.2	-0.0001	mg/L	0.00010	-0.0001	mg/L	0.00010	117.43%
Ni 232.003†	-17.6	-0.0008	mg/L	0.00031	-0.0008	mg/L	0.00031	40.78%
Ba 233.527†	-5.6	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	188.13%
Mn 257.610†	-2.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	264.32%
Cr 267.716†	-7.4	-0.0001	mg/L	0.00021	-0.0001	mg/L	0.00021	406.77%
Fe 273.955†	3.7	0.0002	mg/L	0.00015	0.0002	mg/L	0.00015	85.74%
Mg 279.077†	3.4	0.0002	mg/L	0.00098	0.0002	mg/L	0.00098	514.57%
V 292.402†	81.7	0.0002	mg/L	0.00022	0.0002	mg/L	0.00022	103.76%
Al 308.215†	-214.4	-0.0052	mg/L	0.00188	-0.0052	mg/L	0.00188	36.32%
Be 313.107†	231.7	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	24.51%
Cu 324.752†	-155.3	-0.0004	mg/L	0.00012	-0.0004	mg/L	0.00012	30.34%
Ag 338.289†	-8.8	0.0000	mg/L	0.00045	0.0000	mg/L	0.00045	>999.9%
Na 330.237†	-82.1	-0.0504	mg/L	0.01526	-0.0504	mg/L	0.01526	30.28%
Ca 227.546†	-1.4	-0.0022	mg/L	0.01511	-0.0022	mg/L	0.01511	682.60%
Al RADIAL†	-4.8	-0.0025	mg/L	0.00359	-0.0025	mg/L	0.00359	141.58%
Fe RADIAL†	-1.2	-0.0099	mg/L	0.00305	-0.0099	mg/L	0.00305	30.89%
Ca RADIAL†	-35.9	-0.0121	mg/L	0.00234	-0.0121	mg/L	0.00234	19.31%
K RADIAL†	31.0	0.0185	mg/L	0.00796	0.0185	mg/L	0.00796	42.96%
Mg RADIAL†	2.0	0.0126	mg/L	0.01622	0.0126	mg/L	0.01622	128.37%
Na RADIAL†	-3260.8	-0.1675	mg/L	0.01040	-0.1675	mg/L	0.01040	6.21%

Sequence No.: 11
Sample ID: BF20112-SRM1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 10
Date Collected: 6/12/2012 5:43:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20112-SRM1

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18315829.6	4.905	mg/L	0.0392				0.80%
Y RADIAL	303899.8	4.871	mg/L	0.0208				0.43%
As 188.979†	362.2	0.1422	mg/L	0.00313	0.1422	mg/L	0.00313	2.20%
Tl 190.801†	609.5	0.1709	mg/L	0.00230	0.1709	mg/L	0.00230	1.35%
Se 196.026†	688.6	0.5413	mg/L	0.00372	0.5413	mg/L	0.00372	0.69%
Zn 206.200†	47968.2	0.7560	mg/L	0.01081	0.7560	mg/L	0.01081	1.43%
Sb 206.836†	629.7	0.1429	mg/L	0.00246	0.1429	mg/L	0.00246	1.72%
Pb 220.353†	19401.7	2.150	mg/L	0.0229	2.150	mg/L	0.0229	1.06%
Cd 226.502†	42976.9	0.2711	mg/L	0.00266	0.2711	mg/L	0.00266	0.98%
Co 228.616†	27904.9	0.7322	mg/L	0.00703	0.7322	mg/L	0.00703	0.96%
Ni 232.003†	14188.2	0.6104	mg/L	0.00478	0.6104	mg/L	0.00478	0.78%
Ba 233.527†	183585.3	1.217	mg/L	0.0132	1.217	mg/L	0.0132	1.08%
Mn 257.610†	763476.2	0.9339	mg/L	0.00938	0.9339	mg/L	0.00938	1.00%
Cr 267.716†	58751.4	0.4154	mg/L	0.00302	0.4154	mg/L	0.00302	0.73%
Fe 273.955†	6403.5	0.2934	mg/L	0.00206	0.2934	mg/L	0.00206	0.70%
Mg 279.077†	-164.8	-0.0091	mg/L	0.00092	-0.0091	mg/L	0.00092	10.09%
V 292.402†	192299.9	0.5040	mg/L	0.00312	0.5040	mg/L	0.00312	0.62%
Al 308.215†	55565.4	1.344	mg/L	0.0163	1.344	mg/L	0.0163	1.21%
Be 313.107†	1851830.7	0.3718	mg/L	0.00168	0.3718	mg/L	0.00168	0.45%
Cu 324.752†	186202.7	0.4660	mg/L	0.00646	0.4660	mg/L	0.00646	1.39%
Ag 338.289†	51134.4	0.2353	mg/L	0.00204	0.2353	mg/L	0.00204	0.87%
Na 330.237†	880.1	0.5416	mg/L	0.03313	0.5416	mg/L	0.03313	6.12%
Ca 227.546†	36.9	0.0586	mg/L	0.02895	0.0586	mg/L	0.02895	49.43%
Al RADIAL†	2719.7	1.430	mg/L	0.0229	1.430	mg/L	0.0229	1.60%
Fe RADIAL†	32.9	0.2670	mg/L	0.02122	0.2670	mg/L	0.02122	7.95%
Ca RADIAL†	-99.6	-0.0337	mg/L	0.00309	-0.0337	mg/L	0.00309	9.17%
K RADIAL†	-7.6	-0.0045	mg/L	0.00904	-0.0045	mg/L	0.00904	199.01%
Mg RADIAL†	-0.3	-0.0019	mg/L	0.00722	-0.0019	mg/L	0.00722	371.42%
Na RADIAL†	-2961.7	-0.1521	mg/L	0.00440	-0.1521	mg/L	0.00440	2.89%

Sequence No.: 12
Sample ID: 12F0115-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 11
Date Collected: 6/12/2012 5:48:13 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18027177.2	4.828	mg/L	0.0478				0.99%
Y RADIAL	301159.9	4.828	mg/L	0.0652				1.35%
As 188.979†	1.5	0.0006	mg/L	0.00298	0.0006	mg/L	0.00298	505.03%
Tl 190.801†	1.7	0.0005	mg/L	0.00071	0.0005	mg/L	0.00071	143.87%
Se 196.026†	7.2	0.0057	mg/L	0.00017	0.0057	mg/L	0.00017	2.94%
Zn 206.200†	10064.0	0.1586	mg/L	0.00176	0.1586	mg/L	0.00176	1.11%
Sb 206.836†	-5.8	-0.0013	mg/L	0.00220	-0.0013	mg/L	0.00220	168.65%
Pb 220.353†	16.3	0.0019	mg/L	0.00015	0.0019	mg/L	0.00015	7.83%
Cd 226.502†	59.0	0.0004	mg/L	0.00012	0.0004	mg/L	0.00012	34.01%
Co 228.616†	41.4	0.0011	mg/L	0.00004	0.0011	mg/L	0.00004	3.97%
Ni 232.003†	85.7	0.0037	mg/L	0.00034	0.0037	mg/L	0.00034	9.17%
Ba 233.527†	3942.3	0.0261	mg/L	0.00011	0.0261	mg/L	0.00011	0.43%
Mn 257.610†	407745.7	0.4987	mg/L	0.00414	0.4987	mg/L	0.00414	0.83%
Cr 267.716†	-5.4	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	166.31%
Fe 273.955†	911.9	0.0418	mg/L	0.00052	0.0418	mg/L	0.00052	1.24%
Mg 279.077†	120992.3	6.690	mg/L	0.0574	6.690	mg/L	0.0574	0.86%
V 292.402†	-25.0	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	49.94%
Al 308.215†	-948.9	-0.0232	mg/L	0.00284	-0.0232	mg/L	0.00284	12.23%
Be 313.107†	170.8	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	84.05%
Cu 324.752†	4451.6	0.0109	mg/L	0.00031	0.0109	mg/L	0.00031	2.81%
Ag 338.289†	60.6	0.0002	mg/L	0.00045	0.0002	mg/L	0.00045	244.57%
Na 330.237†	35734.5	21.94	mg/L	0.213	21.94	mg/L	0.213	0.97%
Ca 227.546†	5917.2	9.047	mg/L	0.0617	9.047	mg/L	0.0617	0.68%
Al RADIAL†	-56.8	-0.0299	mg/L	0.00070	-0.0299	mg/L	0.00070	2.36%
Fe RADIAL†	3.1	0.0251	mg/L	0.00514	0.0251	mg/L	0.00514	20.49%
Ca RADIAL†	27306.2	9.236	mg/L	0.1707	9.236	mg/L	0.1707	1.85%
K RADIAL†	3030.0	1.813	mg/L	0.0391	1.813	mg/L	0.0391	2.15%
Mg RADIAL†	1039.9	6.438	mg/L	0.0671	6.438	mg/L	0.0671	1.04%
Na RADIAL†	501844.1	25.78	mg/L	0.329	25.78	mg/L	0.329	1.28%

Sequence No.: 13
Sample ID: 12F0115-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 12
Date Collected: 6/12/2012 5:53:01 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17876468.6	4.787	mg/L	0.0196				0.41%
Y RADIAL	298266.5	4.781	mg/L	0.0206				0.43%
As 188.979†	2.8	0.0025	mg/L	0.00192	0.0025	mg/L	0.00192	77.44%
Tl 190.801†	-10.3	-0.0021	mg/L	0.00104	-0.0021	mg/L	0.00104	48.62%
Se 196.026†	-8.2	0.0002	mg/L	0.00269	0.0002	mg/L	0.00269	>999.9%
Zn 206.200†	10469.6	0.1646	mg/L	0.00108	0.1646	mg/L	0.00108	0.65%
Sb 206.836†	6.5	0.0015	mg/L	0.00121	0.0015	mg/L	0.00121	82.36%
Pb 220.353†	353.0	0.0380	mg/L	0.00094	0.0380	mg/L	0.00094	2.47%
Cd 226.502†	287.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	62.09%
Co 228.616†	28.5	0.0007	mg/L	0.00005	0.0007	mg/L	0.00005	6.85%
Ni 232.003†	27.4	0.0027	mg/L	0.00072	0.0027	mg/L	0.00072	26.56%
Ba 233.527†	3967.1	0.0263	mg/L	0.00009	0.0263	mg/L	0.00009	0.34%
Mn 257.610†	386350.3	0.4730	mg/L	0.00338	0.4730	mg/L	0.00338	0.71%
Cr 267.716†	103.4	0.0007	mg/L	0.00008	0.0007	mg/L	0.00008	10.83%
Fe 273.955†	205142.9	9.399	mg/L	0.0638	9.399	mg/L	0.0638	0.68%
Mg 279.077†	109657.2	6.064	mg/L	0.0530	6.064	mg/L	0.0530	0.87%
V 292.402†	1833.8	0.0040	mg/L	0.00018	0.0040	mg/L	0.00018	4.47%
Al 308.215†	2630.8	0.0642	mg/L	0.00969	0.0642	mg/L	0.00969	15.09%
Be 313.107†	238.3	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	22.77%
Cu 324.752†	49782.0	0.1248	mg/L	0.00088	0.1248	mg/L	0.00088	0.71%
Ag 338.289†	-43.1	-0.0003	mg/L	0.00022	-0.0003	mg/L	0.00022	76.96%
Na 330.237†	31716.1	19.52	mg/L	0.224	19.52	mg/L	0.224	1.15%
Ca 227.546†	5500.4	8.454	mg/L	0.0438	8.454	mg/L	0.0438	0.52%
Al RADIAL†	120.6	0.0634	mg/L	0.00639	0.0634	mg/L	0.00639	10.07%
Fe RADIAL†	1140.2	9.245	mg/L	0.0343	9.245	mg/L	0.0343	0.37%
Ca RADIAL†	25928.2	8.770	mg/L	0.0056	8.770	mg/L	0.0056	0.06%
K RADIAL†	2939.3	1.759	mg/L	0.0146	1.759	mg/L	0.0146	0.83%
Mg RADIAL†	961.3	5.952	mg/L	0.0424	5.952	mg/L	0.0424	0.71%
Na RADIAL†	472520.8	24.27	mg/L	0.046	24.27	mg/L	0.046	0.19%

Sequence No.: 14
Sample ID: 12F0115-02
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 13
Date Collected: 6/12/2012 5:57:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17779163.0	4.761	mg/L	0.0362				0.76%
Y RADIAL	295292.0	4.733	mg/L	0.0289				0.61%
As 188.979†	-3.8	-0.0015	mg/L	0.00076	-0.0015	mg/L	0.00076	52.05%
Tl 190.801†	-5.6	-0.0016	mg/L	0.00193	-0.0016	mg/L	0.00193	124.52%
Se 196.026†	3.1	0.0025	mg/L	0.00295	0.0025	mg/L	0.00295	118.41%
Zn 206.200†	1377.7	0.0217	mg/L	0.00030	0.0217	mg/L	0.00030	1.38%
Sb 206.836†	0.3	0.0001	mg/L	0.00094	0.0001	mg/L	0.00094	>999.9%
Pb 220.353†	4.1	0.0005	mg/L	0.00076	0.0005	mg/L	0.00076	140.22%
Cd 226.502†	22.4	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	45.01%
Co 228.616†	1.1	0.0000	mg/L	0.00022	0.0000	mg/L	0.00022	800.57%
Ni 232.003†	-7.7	-0.0003	mg/L	0.00034	-0.0003	mg/L	0.00034	104.41%
Ba 233.527†	2941.8	0.0195	mg/L	0.00018	0.0195	mg/L	0.00018	0.92%
Mn 257.610†	90131.5	0.1101	mg/L	0.00128	0.1101	mg/L	0.00128	1.16%
Cr 267.716†	3.2	0.0000	mg/L	0.00011	0.0000	mg/L	0.00011	486.44%
Fe 273.955†	1277.8	0.0585	mg/L	0.00065	0.0585	mg/L	0.00065	1.10%
Mg 279.077†	104892.2	5.800	mg/L	0.0768	5.800	mg/L	0.0768	1.32%
V 292.402†	19.9	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	35.99%
Al 308.215†	-479.4	-0.0118	mg/L	0.00558	-0.0118	mg/L	0.00558	47.24%
Be 313.107†	53.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	238.97%

Cu 324.752†	455.9	0.0009 mg/L	0.00014	0.0009 mg/L	0.00014	15.15%
Ag 338.289†	-64.9	-0.0004 mg/L	0.00013	-0.0004 mg/L	0.00013	34.01%
Na 330.237†	32165.2	19.75 mg/L	0.245	19.75 mg/L	0.245	1.24%
Ca 227.546†	5616.8	8.587 mg/L	0.0578	8.587 mg/L	0.0578	0.67%
Al RADIAL†	-41.8	-0.0220 mg/L	0.00237	-0.0220 mg/L	0.00237	10.81%
Fe RADIAL†	6.1	0.0494 mg/L	0.00766	0.0494 mg/L	0.00766	15.50%
Ca RADIAL†	26728.0	9.041 mg/L	0.0336	9.041 mg/L	0.0336	0.37%
K RADIAL†	3035.5	1.816 mg/L	0.0110	1.816 mg/L	0.0110	0.61%
Mg RADIAL†	915.5	5.668 mg/L	0.0631	5.668 mg/L	0.0631	1.11%
Na RADIAL†	476221.8	24.46 mg/L	0.097	24.46 mg/L	0.097	0.39%

Sequence No.: 15
Sample ID: 12F0115-02
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 14
Date Collected: 6/12/2012 6:02:30 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0115-02

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17894828.2	4.792	mg/L	0.0191				0.40%
Y RADIAL	296630.7	4.755	mg/L	0.0293				0.62%
As 188.979†	0.3	0.0004	mg/L	0.00073	0.0004	mg/L	0.00073	201.12%
Tl 190.801†	-2.0	-0.0004	mg/L	0.00161	-0.0004	mg/L	0.00161	390.91%
Se 196.026†	0.2	0.0013	mg/L	0.00216	0.0013	mg/L	0.00216	162.77%
Zn 206.200†	1466.4	0.0230	mg/L	0.00020	0.0230	mg/L	0.00020	0.88%
Sb 206.836†	-6.6	-0.0015	mg/L	0.00080	-0.0015	mg/L	0.00080	53.71%
Pb 220.353†	21.9	0.0023	mg/L	0.00165	0.0023	mg/L	0.00165	71.89%
Cd 226.502†	73.1	0.0001	mg/L	0.00005	0.0001	mg/L	0.00005	36.22%
Co 228.616†	6.0	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	16.87%
Ni 232.003†	3.4	0.0004	mg/L	0.00026	0.0004	mg/L	0.00026	60.83%
Ba 233.527†	3236.2	0.0215	mg/L	0.00008	0.0215	mg/L	0.00008	0.35%
Mn 257.610†	139089.3	0.1701	mg/L	0.00071	0.1701	mg/L	0.00071	0.42%
Cr 267.716†	49.1	0.0003	mg/L	0.00002	0.0003	mg/L	0.00002	5.41%
Fe 273.955†	37607.1	1.723	mg/L	0.0067	1.723	mg/L	0.0067	0.39%
Mg 279.077†	103386.6	5.717	mg/L	0.0167	5.717	mg/L	0.0167	0.29%
V 292.402†	435.4	0.0010	mg/L	0.00009	0.0010	mg/L	0.00009	9.27%
Al 308.215†	101.2	0.0024	mg/L	0.00096	0.0024	mg/L	0.00096	40.72%
Be 313.107†	202.1	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	62.23%
Cu 324.752†	479.8	0.0010	mg/L	0.00003	0.0010	mg/L	0.00003	3.22%
Ag 338.289†	-10.4	-0.0001	mg/L	0.00031	-0.0001	mg/L	0.00031	225.30%
Na 330.237†	31710.3	19.48	mg/L	0.126	19.48	mg/L	0.126	0.65%
Ca 227.546†	5568.2	8.521	mg/L	0.0399	8.521	mg/L	0.0399	0.47%
Al RADIAL†	-3.7	-0.0020	mg/L	0.00569	-0.0020	mg/L	0.00569	290.59%
Fe RADIAL†	209.8	1.701	mg/L	0.0204	1.701	mg/L	0.0204	1.20%
Ca RADIAL†	26242.7	8.877	mg/L	0.1210	8.877	mg/L	0.1210	1.36%
K RADIAL†	2799.3	1.675	mg/L	0.0182	1.675	mg/L	0.0182	1.09%
Mg RADIAL†	910.0	5.634	mg/L	0.0354	5.634	mg/L	0.0354	0.63%
Na RADIAL†	474593.8	24.38	mg/L	0.008	24.38	mg/L	0.008	0.03%

Sequence No.: 16
Sample ID: 12F0116-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 15
Date Collected: 6/12/2012 6:07:16 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0116-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17820572.4	4.772	mg/L	0.0432				0.91%
Y RADIAL	292587.0	4.690	mg/L	0.0325				0.69%
As 188.979†	-1.7	-0.0007	mg/L	0.00329	-0.0007	mg/L	0.00329	502.78%
Tl 190.801†	-2.3	-0.0006	mg/L	0.00101	-0.0006	mg/L	0.00101	159.58%
Se 196.026†	0.9	0.0007	mg/L	0.00494	0.0007	mg/L	0.00494	701.06%
Zn 206.200†	4115.3	0.0649	mg/L	0.00063	0.0649	mg/L	0.00063	0.97%
Sb 206.836†	-0.9	-0.0002	mg/L	0.00049	-0.0002	mg/L	0.00049	244.97%
Pb 220.353†	12.1	0.0014	mg/L	0.00118	0.0014	mg/L	0.00118	82.25%
Cd 226.502†	22.6	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	12.62%

Co 228.616†	-0.2	0.0000 mg/L	0.00011	0.0000 mg/L	0.00011	>999.9%
Ni 232.003†	28.6	0.0012 mg/L	0.00039	0.0012 mg/L	0.00039	31.17%
Ba 233.527†	3035.5	0.0201 mg/L	0.00019	0.0201 mg/L	0.00019	0.94%
Mn 257.610†	70829.8	0.0865 mg/L	0.00084	0.0865 mg/L	0.00084	0.97%
Cr 267.716†	2.8	0.0000 mg/L	0.00004	0.0000 mg/L	0.00004	223.75%
Fe 273.955†	714.8	0.0328 mg/L	0.00079	0.0328 mg/L	0.00079	2.41%
Mg 279.077†	104111.9	5.757 mg/L	0.0455	5.757 mg/L	0.0455	0.79%
V 292.402†	9.3	0.0000 mg/L	0.00014	0.0000 mg/L	0.00014	640.53%
Al 308.215†	-605.0	-0.0149 mg/L	0.00243	-0.0149 mg/L	0.00243	16.38%
Be 313.107†	-2.8	0.0000 mg/L	0.00004	0.0000 mg/L	0.00004	>999.9%
Cu 324.752†	1635.5	0.0039 mg/L	0.00010	0.0039 mg/L	0.00010	2.67%
Ag 338.289†	-48.3	-0.0003 mg/L	0.00080	-0.0003 mg/L	0.00080	255.76%
Na 330.237†	31927.4	19.61 mg/L	0.130	19.61 mg/L	0.130	0.66%
Ca 227.546†	5546.1	8.479 mg/L	0.0375	8.479 mg/L	0.0375	0.44%
Al RADIAL†	-39.3	-0.0207 mg/L	0.00430	-0.0207 mg/L	0.00430	20.76%
Fe RADIAL†	2.1	0.0174 mg/L	0.00904	0.0174 mg/L	0.00904	52.04%
Ca RADIAL†	26451.9	8.947 mg/L	0.0966	8.947 mg/L	0.0966	1.08%
K RADIAL†	2984.3	1.785 mg/L	0.0264	1.785 mg/L	0.0264	1.48%
Mg RADIAL†	922.7	5.713 mg/L	0.0352	5.713 mg/L	0.0352	0.62%
Na RADIAL†	476833.6	24.49 mg/L	0.050	24.49 mg/L	0.050	0.20%

Sequence No.: 17 **Autosampler Location: 16**
Sample ID: BF20112-DUP1 **Date Collected: 6/12/2012 6:12:01 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20112-DUP1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17954820.9	4.808	mg/L	0.0301				0.63%
Y RADIAL	297358.4	4.767	mg/L	0.0197				0.41%
As 188.979†	-2.9	-0.0011	mg/L	0.00156	-0.0011	mg/L	0.00156	138.34%
Tl 190.801†	1.1	0.0003	mg/L	0.00172	0.0003	mg/L	0.00172	568.32%
Se 196.026†	-3.9	-0.0031	mg/L	0.00171	-0.0031	mg/L	0.00171	55.90%
Zn 206.200†	4096.1	0.0646	mg/L	0.00044	0.0646	mg/L	0.00044	0.68%
Sb 206.836†	3.4	0.0008	mg/L	0.00167	0.0008	mg/L	0.00167	217.93%
Pb 220.353†	17.5	0.0020	mg/L	0.00084	0.0020	mg/L	0.00084	41.14%
Cd 226.502†	33.1	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	25.10%
Co 228.616†	6.3	0.0002	mg/L	0.00027	0.0002	mg/L	0.00027	167.67%
Ni 232.003†	18.6	0.0008	mg/L	0.00055	0.0008	mg/L	0.00055	68.04%
Ba 233.527†	3004.5	0.0199	mg/L	0.00006	0.0199	mg/L	0.00006	0.31%
Mn 257.610†	69642.0	0.0851	mg/L	0.00040	0.0851	mg/L	0.00040	0.47%
Cr 267.716†	1.6	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	443.99%
Fe 273.955†	715.6	0.0328	mg/L	0.00039	0.0328	mg/L	0.00039	1.19%
Mg 279.077†	102574.3	5.672	mg/L	0.0309	5.672	mg/L	0.0309	0.55%
V 292.402†	19.6	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	68.29%
Al 308.215†	-645.1	-0.0158	mg/L	0.00269	-0.0158	mg/L	0.00269	16.99%
Be 313.107†	69.0	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	71.64%
Cu 324.752†	1618.2	0.0038	mg/L	0.00015	0.0038	mg/L	0.00015	3.83%
Ag 338.289†	-17.0	-0.0002	mg/L	0.00034	-0.0002	mg/L	0.00034	201.69%
Na 330.237†	31578.3	19.39	mg/L	0.018	19.39	mg/L	0.018	0.09%
Ca 227.546†	5549.9	8.485	mg/L	0.0704	8.485	mg/L	0.0704	0.83%
Al RADIAL†	-43.8	-0.0230	mg/L	0.00465	-0.0230	mg/L	0.00465	20.19%
Fe RADIAL†	1.4	0.0116	mg/L	0.01039	0.0116	mg/L	0.01039	89.21%
Ca RADIAL†	25970.5	8.784	mg/L	0.0515	8.784	mg/L	0.0515	0.59%
K RADIAL†	2985.6	1.786	mg/L	0.0277	1.786	mg/L	0.0277	1.55%
Mg RADIAL†	908.9	5.628	mg/L	0.0087	5.628	mg/L	0.0087	0.16%
Na RADIAL†	475131.3	24.41	mg/L	0.032	24.41	mg/L	0.032	0.13%

Sequence No.: 18 **Autosampler Location: 17**
Sample ID: BF20112-MS1 **Date Collected: 6/12/2012 6:16:46 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20112-MS1

	Mean Corrected	Calib.			Sample			

Analyte	Intensity	Conc.	Units	Std.Dev.	Conc.	Units	Std.Dev.	RSD
Y 371.029	17733202.3	4.749	mg/L	0.0321				0.68%
Y RADIAL	295543.8	4.738	mg/L	0.0064				0.14%
As 188.979†	5265.3	2.066	mg/L	0.0074	2.066	mg/L	0.0074	0.36%
Tl 190.801†	7747.1	2.172	mg/L	0.0060	2.172	mg/L	0.0060	0.28%
Se 196.026†	2647.4	2.081	mg/L	0.0038	2.081	mg/L	0.0038	0.18%
Zn 206.200†	39249.7	0.6185	mg/L	0.00009	0.6185	mg/L	0.00009	0.01%
Sb 206.836†	1119.6	0.2541	mg/L	0.00207	0.2541	mg/L	0.00207	0.82%
Pb 220.353†	4824.0	0.5348	mg/L	0.00077	0.5348	mg/L	0.00077	0.14%
Cd 226.502†	8518.7	0.0535	mg/L	0.00014	0.0535	mg/L	0.00014	0.27%
Co 228.616†	20925.5	0.5491	mg/L	0.00172	0.5491	mg/L	0.00172	0.31%
Ni 232.003†	12530.9	0.5393	mg/L	0.00095	0.5393	mg/L	0.00095	0.18%
Ba 233.527†	334166.7	2.215	mg/L	0.0307	2.215	mg/L	0.0307	1.39%
Mn 257.610†	502209.3	0.6143	mg/L	0.00514	0.6143	mg/L	0.00514	0.84%
Cr 267.716†	30509.4	0.2157	mg/L	0.00067	0.2157	mg/L	0.00067	0.31%
Fe 273.955†	24393.1	1.118	mg/L	0.0026	1.118	mg/L	0.0026	0.23%
Mg 279.077†	101286.9	5.600	mg/L	0.0692	5.600	mg/L	0.0692	1.24%
V 292.402†	195846.5	0.5133	mg/L	0.00625	0.5133	mg/L	0.00625	1.22%
Al 308.215†	80986.1	1.959	mg/L	0.0287	1.959	mg/L	0.0287	1.47%
Be 313.107†	256619.8	0.0515	mg/L	0.00058	0.0515	mg/L	0.00058	1.12%
Cu 324.752†	110837.5	0.2772	mg/L	0.00331	0.2772	mg/L	0.00331	1.20%
Ag 338.289†	10452.8	0.0480	mg/L	0.00017	0.0480	mg/L	0.00017	0.36%
Na 330.237†	32155.3	19.75	mg/L	0.224	19.75	mg/L	0.224	1.13%
Ca 227.546†	5474.3	8.376	mg/L	0.0099	8.376	mg/L	0.0099	0.12%
Al RADIAL†	3999.1	2.103	mg/L	0.0239	2.103	mg/L	0.0239	1.14%
Fe RADIAL†	130.9	1.062	mg/L	0.0164	1.062	mg/L	0.0164	1.55%
Ca RADIAL†	26049.1	8.811	mg/L	0.0265	8.811	mg/L	0.0265	0.30%
K RADIAL†	2981.5	1.784	mg/L	0.0103	1.784	mg/L	0.0103	0.58%
Mg RADIAL†	898.1	5.560	mg/L	0.0359	5.560	mg/L	0.0359	0.65%
Na RADIAL†	474965.6	24.40	mg/L	0.143	24.40	mg/L	0.143	0.59%

Sequence No.: 19
Sample ID: 12F0116-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 18
Date Collected: 6/12/2012 6:24:52 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0116-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17839284.8	4.777	mg/L	0.0169				0.35%
Y RADIAL	287788.7	4.613	mg/L	0.0284				0.62%
As 188.979†	-0.8	-0.0001	mg/L	0.00236	-0.0001	mg/L	0.00236	>999.9%
Tl 190.801†	0.3	0.0002	mg/L	0.00049	0.0002	mg/L	0.00049	251.25%
Se 196.026†	0.3	0.0013	mg/L	0.00464	0.0013	mg/L	0.00464	357.52%
Zn 206.200†	2232.9	0.0351	mg/L	0.00039	0.0351	mg/L	0.00039	1.11%
Sb 206.836†	4.3	0.0010	mg/L	0.00025	0.0010	mg/L	0.00025	25.59%
Pb 220.353†	10.5	0.0011	mg/L	0.00033	0.0011	mg/L	0.00033	30.68%
Cd 226.502†	61.5	0.0001	mg/L	0.00007	0.0001	mg/L	0.00007	64.16%
Co 228.616†	6.7	0.0002	mg/L	0.00006	0.0002	mg/L	0.00006	33.84%
Ni 232.003†	-15.1	-0.0004	mg/L	0.00032	-0.0004	mg/L	0.00032	79.26%
Ba 233.527†	3298.2	0.0219	mg/L	0.00023	0.0219	mg/L	0.00023	1.04%
Mn 257.610†	132694.1	0.1623	mg/L	0.00087	0.1623	mg/L	0.00087	0.54%
Cr 267.716†	55.7	0.0004	mg/L	0.00007	0.0004	mg/L	0.00007	18.98%
Fe 273.955†	32877.0	1.506	mg/L	0.0051	1.506	mg/L	0.0051	0.34%
Mg 279.077†	103340.4	5.714	mg/L	0.0382	5.714	mg/L	0.0382	0.67%
V 292.402†	505.0	0.0012	mg/L	0.00008	0.0012	mg/L	0.00008	6.84%
Al 308.215†	132.3	0.0031	mg/L	0.00123	0.0031	mg/L	0.00123	39.76%
Be 313.107†	307.0	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	35.07%
Cu 324.752†	1864.4	0.0045	mg/L	0.00015	0.0045	mg/L	0.00015	3.32%
Ag 338.289†	80.7	0.0003	mg/L	0.00020	0.0003	mg/L	0.00020	71.88%
Na 330.237†	31828.7	19.55	mg/L	0.193	19.55	mg/L	0.193	0.99%
Ca 227.546†	5526.6	8.456	mg/L	0.0694	8.456	mg/L	0.0694	0.82%
Al RADIAL†	-0.1	0.0000	mg/L	0.00244	0.0000	mg/L	0.00244	>999.9%
Fe RADIAL†	191.9	1.556	mg/L	0.0349	1.556	mg/L	0.0349	2.24%
Ca RADIAL†	27021.0	9.140	mg/L	0.0249	9.140	mg/L	0.0249	0.27%
K RADIAL†	2871.8	1.718	mg/L	0.0156	1.718	mg/L	0.0156	0.91%
Mg RADIAL†	933.5	5.780	mg/L	0.0181	5.780	mg/L	0.0181	0.31%
Na RADIAL†	480278.4	24.67	mg/L	0.094	24.67	mg/L	0.094	0.38%

Sequence No.: 20
Sample ID: CCV-2
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/12/2012 6:29:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-2

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17877337.8	4.788	mg/L	0.0223				0.47%
Y RADIAL	296066.3	4.746	mg/L	0.0270				0.57%
As 188.979†	623.3	0.2453	mg/L	0.00171	0.2453	mg/L	0.00171	0.70%
Tl 190.801†	918.8	0.2581	mg/L	0.00198	0.2581	mg/L	0.00198	0.77%
Se 196.026†	321.2	0.2559	mg/L	0.00389	0.2559	mg/L	0.00389	1.52%
Zn 206.200†	165285.1	2.605	mg/L	0.0124	2.605	mg/L	0.0124	0.48%
Sb 206.836†	1174.2	0.2664	mg/L	0.00290	0.2664	mg/L	0.00290	1.09%
Pb 220.353†	2335.4	0.2593	mg/L	0.00103	0.2593	mg/L	0.00103	0.40%
Cd 226.502†	20280.9	0.1270	mg/L	0.00088	0.1270	mg/L	0.00088	0.69%
Co 228.616†	99041.7	2.599	mg/L	0.0095	2.599	mg/L	0.0095	0.37%
Ni 232.003†	58908.8	2.535	mg/L	0.0084	2.535	mg/L	0.0084	0.33%
Ba 233.527†	1553071.7	10.29	mg/L	0.020	10.29	mg/L	0.020	0.19%
Mn 257.610†	2066418.2	2.528	mg/L	0.0018	2.528	mg/L	0.0018	0.07%
Cr 267.716†	142103.3	1.005	mg/L	0.0029	1.005	mg/L	0.0029	0.29%
Fe 273.955†	111917.9	5.128	mg/L	0.0238	5.128	mg/L	0.0238	0.46%
Mg 279.077†	449892.9	24.88	mg/L	0.024	24.88	mg/L	0.024	0.10%
V 292.402†	949817.1	2.489	mg/L	0.0080	2.489	mg/L	0.0080	0.32%
Al 308.215†	398441.1	9.637	mg/L	0.0747	9.637	mg/L	0.0747	0.78%
Be 313.107†	1239906.7	0.2490	mg/L	0.00168	0.2490	mg/L	0.00168	0.67%
Cu 324.752†	494314.6	1.236	mg/L	0.0083	1.236	mg/L	0.0083	0.67%
Ag 338.289†	264861.0	1.218	mg/L	0.0028	1.218	mg/L	0.0028	0.23%
Na 330.237†	39828.1	24.51	mg/L	0.113	24.51	mg/L	0.113	0.46%
Ca 227.546†	15891.4	24.33	mg/L	0.164	24.33	mg/L	0.164	0.67%
Al RADIAL†	20694.2	10.88	mg/L	0.097	10.88	mg/L	0.097	0.89%
Fe RADIAL†	621.4	5.038	mg/L	0.0362	5.038	mg/L	0.0362	0.72%
Ca RADIAL†	75877.6	25.67	mg/L	0.139	25.67	mg/L	0.139	0.54%
K RADIAL†	8693.9	5.201	mg/L	0.0276	5.201	mg/L	0.0276	0.53%
Mg RADIAL†	4214.4	26.09	mg/L	0.180	26.09	mg/L	0.180	0.69%
Na RADIAL†	520269.5	26.72	mg/L	0.135	26.72	mg/L	0.135	0.51%

Sequence No.: 21
Sample ID: CCB-2
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/12/2012 6:37:53 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-2

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18247576.2	4.887	mg/L	0.0133				0.27%
Y RADIAL	302957.0	4.856	mg/L	0.0452				0.93%
As 188.979†	-0.1	0.0000	mg/L	0.00177	0.0000	mg/L	0.00177	>999.9%
Tl 190.801†	-3.8	-0.0011	mg/L	0.00055	-0.0011	mg/L	0.00055	50.87%
Se 196.026†	4.7	0.0037	mg/L	0.00575	0.0037	mg/L	0.00575	156.81%
Zn 206.200†	-2.6	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	177.01%
Sb 206.836†	4.4	0.0010	mg/L	0.00098	0.0010	mg/L	0.00098	97.96%
Pb 220.353†	2.0	0.0002	mg/L	0.00034	0.0002	mg/L	0.00034	155.06%
Cd 226.502†	0.7	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	>999.9%
Co 228.616†	-8.5	-0.0002	mg/L	0.00020	-0.0002	mg/L	0.00020	89.32%
Ni 232.003†	-31.1	-0.0013	mg/L	0.00044	-0.0013	mg/L	0.00044	32.65%
Ba 233.527†	5.2	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	78.45%
Mn 257.610†	15.1	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	6.96%
Cr 267.716†	-1.7	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	618.87%
Fe 273.955†	9.8	0.0004	mg/L	0.00038	0.0004	mg/L	0.00038	85.61%
Mg 279.077†	-1.4	-0.0001	mg/L	0.00077	-0.0001	mg/L	0.00077	965.94%
V 292.402†	1.2	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	>999.9%
Al 308.215†	-265.4	-0.0064	mg/L	0.00067	-0.0064	mg/L	0.00067	10.51%
Be 313.107†	361.4	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	22.32%
Cu 324.752†	-161.1	-0.0004	mg/L	0.00016	-0.0004	mg/L	0.00016	39.29%

Ag 338.289†	-7.5	0.0000 mg/L	0.00012	0.0000 mg/L	0.00012	350.44%
Na 330.237†	-36.9	-0.0226 mg/L	0.00976	-0.0226 mg/L	0.00976	43.20%
Ca 227.546†	6.4	0.0097 mg/L	0.01598	0.0097 mg/L	0.01598	164.43%
Al RADIAL†	-0.7	-0.0003 mg/L	0.00239	-0.0003 mg/L	0.00239	696.33%
Fe RADIAL†	-2.0	-0.0161 mg/L	0.00631	-0.0161 mg/L	0.00631	39.22%
Ca RADIAL†	-25.3	-0.0086 mg/L	0.00506	-0.0086 mg/L	0.00506	59.16%
K RADIAL†	7.5	0.0045 mg/L	0.00578	0.0045 mg/L	0.00578	128.96%
Mg RADIAL†	1.8	0.0114 mg/L	0.00408	0.0114 mg/L	0.00408	35.81%
Na RADIAL†	-5473.8	-0.2812 mg/L	0.00945	-0.2812 mg/L	0.00945	3.36%

Sequence No.: 22 **Autosampler Location: 19**
Sample ID: BF20112-DUP1 **Date Collected: 6/12/2012 6:42:34 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20112-DUP1

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17889485.0	4.791	mg/L	0.0055				0.11%
Y RADIAL	295815.0	4.742	mg/L	0.0442				0.93%
As 188.979†	-0.2	0.0001	mg/L	0.00218	0.0001	mg/L	0.00218	>999.9%
Tl 190.801†	-4.5	-0.0011	mg/L	0.00071	-0.0011	mg/L	0.00071	62.76%
Se 196.026†	-5.7	-0.0034	mg/L	0.00479	-0.0034	mg/L	0.00479	141.75%
Zn 206.200†	2235.5	0.0352	mg/L	0.00010	0.0352	mg/L	0.00010	0.30%
Sb 206.836†	4.7	0.0011	mg/L	0.00105	0.0011	mg/L	0.00105	98.20%
Pb 220.353†	20.2	0.0021	mg/L	0.00099	0.0021	mg/L	0.00099	46.45%
Cd 226.502†	71.0	0.0002	mg/L	0.00008	0.0002	mg/L	0.00008	48.59%
Co 228.616†	7.0	0.0002	mg/L	0.00019	0.0002	mg/L	0.00019	104.75%
Ni 232.003†	-1.9	0.0002	mg/L	0.00003	0.0002	mg/L	0.00003	17.16%
Ba 233.527†	3296.6	0.0219	mg/L	0.00005	0.0219	mg/L	0.00005	0.23%
Mn 257.610†	132324.4	0.1618	mg/L	0.00143	0.1618	mg/L	0.00143	0.88%
Cr 267.716†	50.8	0.0004	mg/L	0.00011	0.0004	mg/L	0.00011	30.93%
Fe 273.955†	32909.3	1.508	mg/L	0.0147	1.508	mg/L	0.0147	0.98%
Mg 279.077†	103297.3	5.712	mg/L	0.0525	5.712	mg/L	0.0525	0.92%
V 292.402†	491.8	0.0012	mg/L	0.00010	0.0012	mg/L	0.00010	8.47%
Al 308.215†	400.5	0.0096	mg/L	0.01394	0.0096	mg/L	0.01394	145.36%
Be 313.107†	2.9	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	>999.9%
Cu 324.752†	1951.9	0.0047	mg/L	0.00017	0.0047	mg/L	0.00017	3.56%
Ag 338.289†	44.0	0.0001	mg/L	0.00018	0.0001	mg/L	0.00018	154.97%
Na 330.237†	31697.2	19.47	mg/L	0.262	19.47	mg/L	0.262	1.34%
Ca 227.546†	5532.7	8.466	mg/L	0.0381	8.466	mg/L	0.0381	0.45%
Al RADIAL†	-4.2	-0.0022	mg/L	0.00320	-0.0022	mg/L	0.00320	144.73%
Fe RADIAL†	184.5	1.496	mg/L	0.0471	1.496	mg/L	0.0471	3.15%
Ca RADIAL†	25877.4	8.753	mg/L	0.1383	8.753	mg/L	0.1383	1.58%
K RADIAL†	2770.5	1.657	mg/L	0.0407	1.657	mg/L	0.0407	2.45%
Mg RADIAL†	912.0	5.646	mg/L	0.0449	5.646	mg/L	0.0449	0.79%
Na RADIAL†	476972.9	24.50	mg/L	0.066	24.50	mg/L	0.066	0.27%

Sequence No.: 23 **Autosampler Location: 20**
Sample ID: BF20112-MS1 **Date Collected: 6/12/2012 6:47:20 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20112-MS1

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17648439.5	4.726	mg/L	0.0330				0.70%
Y RADIAL	291258.3	4.669	mg/L	0.0445				0.95%
As 188.979†	5228.4	2.052	mg/L	0.0155	2.052	mg/L	0.0155	0.76%
Tl 190.801†	7707.5	2.161	mg/L	0.0174	2.161	mg/L	0.0174	0.80%
Se 196.026†	2623.0	2.063	mg/L	0.0130	2.063	mg/L	0.0130	0.63%
Zn 206.200†	37234.9	0.5867	mg/L	0.00458	0.5867	mg/L	0.00458	0.78%
Sb 206.836†	1122.1	0.2546	mg/L	0.00092	0.2546	mg/L	0.00092	0.36%
Pb 220.353†	4812.7	0.5333	mg/L	0.00409	0.5333	mg/L	0.00409	0.77%
Cd 226.502†	8526.2	0.0533	mg/L	0.00055	0.0533	mg/L	0.00055	1.03%
Co 228.616†	20880.1	0.5479	mg/L	0.00432	0.5479	mg/L	0.00432	0.79%

Ni 232.003†	12500.1	0.5382 mg/L	0.00380	0.5382 mg/L	0.00380	0.71%
Ba 233.527†	333077.9	2.208 mg/L	0.0100	2.208 mg/L	0.0100	0.45%
Mn 257.610†	566443.0	0.6929 mg/L	0.00362	0.6929 mg/L	0.00362	0.52%
Cr 267.716†	30367.7	0.2147 mg/L	0.00193	0.2147 mg/L	0.00193	0.90%
Fe 273.955†	55265.3	2.532 mg/L	0.0110	2.532 mg/L	0.0110	0.43%
Mg 279.077†	100046.5	5.532 mg/L	0.0263	5.532 mg/L	0.0263	0.47%
V 292.402†	194699.8	0.5101 mg/L	0.00130	0.5101 mg/L	0.00130	0.26%
Al 308.215†	81264.8	1.966 mg/L	0.0175	1.966 mg/L	0.0175	0.89%
Be 313.107†	254647.5	0.0511 mg/L	0.00023	0.0511 mg/L	0.00023	0.44%
Cu 324.752†	110716.1	0.2769 mg/L	0.00248	0.2769 mg/L	0.00248	0.89%
Ag 338.289†	10461.9	0.0481 mg/L	0.00039	0.0481 mg/L	0.00039	0.81%
Na 330.237†	32145.6	19.75 mg/L	0.247	19.75 mg/L	0.247	1.25%
Ca 227.546†	5464.6	8.368 mg/L	0.0589	8.368 mg/L	0.0589	0.70%
Al RADIAL†	4091.8	2.152 mg/L	0.0457	2.152 mg/L	0.0457	2.12%
Fe RADIAL†	314.0	2.546 mg/L	0.0272	2.546 mg/L	0.0272	1.07%
Ca RADIAL†	25965.8	8.783 mg/L	0.1419	8.783 mg/L	0.1419	1.62%
K RADIAL†	2782.7	1.665 mg/L	0.0260	1.665 mg/L	0.0260	1.56%
Mg RADIAL†	908.1	5.622 mg/L	0.0222	5.622 mg/L	0.0222	0.39%
Na RADIAL†	477522.2	24.53 mg/L	0.127	24.53 mg/L	0.127	0.52%

Sequence No.: 24
Sample ID: BF20417-BLK1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 21
Date Collected: 6/12/2012 6:55:26 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20417-BLK1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18405255.4	4.929	mg/L	0.0166				0.34%
Y RADIAL	298310.3	4.782	mg/L	0.0099				0.21%
As 188.979†	3.3	0.0013	mg/L	0.00156	0.0013	mg/L	0.00156	121.05%
Tl 190.801†	3.9	0.0011	mg/L	0.00086	0.0011	mg/L	0.00086	78.21%
Se 196.026†	-0.1	0.0000	mg/L	0.00408	0.0000	mg/L	0.00408	>999.9%
Zn 206.200†	-6.2	-0.0001	mg/L	0.00022	-0.0001	mg/L	0.00022	224.64%
Sb 206.836†	6.9	0.0016	mg/L	0.00163	0.0016	mg/L	0.00163	103.43%
Pb 220.353†	14.0	0.0016	mg/L	0.00086	0.0016	mg/L	0.00086	55.64%
Cd 226.502†	10.2	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	100.69%
Co 228.616†	-9.5	-0.0002	mg/L	0.00019	-0.0002	mg/L	0.00019	74.76%
Ni 232.003†	-14.3	-0.0006	mg/L	0.00008	-0.0006	mg/L	0.00008	13.22%
Ba 233.527†	-2.4	0.0000	mg/L	0.00004	0.0000	mg/L	0.00004	274.29%
Mn 257.610†	-2.6	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	243.29%
Cr 267.716†	-1.3	0.0000	mg/L	0.00015	0.0000	mg/L	0.00015	>999.9%
Fe 273.955†	6.1	0.0003	mg/L	0.00043	0.0003	mg/L	0.00043	151.06%
Mg 279.077†	-1.4	-0.0001	mg/L	0.00018	-0.0001	mg/L	0.00018	226.70%
V 292.402†	-14.4	0.0000	mg/L	0.00012	0.0000	mg/L	0.00012	316.50%
Al 308.215†	-323.1	-0.0078	mg/L	0.00326	-0.0078	mg/L	0.00326	41.67%
Be 313.107†	347.5	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	30.90%
Cu 324.752†	-300.8	-0.0008	mg/L	0.00009	-0.0008	mg/L	0.00009	12.08%
Ag 338.289†	-2.2	0.0000	mg/L	0.00040	0.0000	mg/L	0.00040	>999.9%
Na 330.237†	-67.7	-0.0415	mg/L	0.01609	-0.0415	mg/L	0.01609	38.76%
Ca 227.546†	18.3	0.0280	mg/L	0.00511	0.0280	mg/L	0.00511	18.23%
Al RADIAL†	2.3	0.0012	mg/L	0.00470	0.0012	mg/L	0.00470	387.86%
Fe RADIAL†	-3.0	-0.0247	mg/L	0.01083	-0.0247	mg/L	0.01083	43.92%
Ca RADIAL†	-7.3	-0.0025	mg/L	0.00865	-0.0025	mg/L	0.00865	349.70%
K RADIAL†	-7.6	-0.0045	mg/L	0.02273	-0.0045	mg/L	0.02273	502.41%
Mg RADIAL†	3.1	0.0191	mg/L	0.00604	0.0191	mg/L	0.00604	31.68%
Na RADIAL†	-6093.2	-0.3130	mg/L	0.01220	-0.3130	mg/L	0.01220	3.90%

Sequence No.: 25
Sample ID: BF20417-SRM1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 22
Date Collected: 6/12/2012 7:00:07 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20417-SRM1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD

Y 371.029	17954483.3	4.808	mg/L	0.0375			0.78%
Y RADIAL	293295.7	4.701	mg/L	0.0696			1.48%
As 188.979†	353.7	0.1388	mg/L	0.00243	0.1388	mg/L	0.00243 1.75%
Tl 190.801†	612.2	0.1717	mg/L	0.00137	0.1717	mg/L	0.00137 0.80%
Se 196.026†	687.8	0.5406	mg/L	0.00162	0.5406	mg/L	0.00162 0.30%
Zn 206.200†	47599.6	0.7502	mg/L	0.00589	0.7502	mg/L	0.00589 0.78%
Sb 206.836†	624.1	0.1416	mg/L	0.00181	0.1416	mg/L	0.00181 1.28%
Pb 220.353†	19300.8	2.139	mg/L	0.0184	2.139	mg/L	0.0184 0.86%
Cd 226.502†	42665.7	0.2691	mg/L	0.00295	0.2691	mg/L	0.00295 1.10%
Co 228.616†	27720.9	0.7274	mg/L	0.00333	0.7274	mg/L	0.00333 0.46%
Ni 232.003†	14106.2	0.6069	mg/L	0.00402	0.6069	mg/L	0.00402 0.66%
Ba 233.527†	183263.7	1.215	mg/L	0.0149	1.215	mg/L	0.0149 1.23%
Mn 257.610†	762098.7	0.9322	mg/L	0.01235	0.9322	mg/L	0.01235 1.32%
Cr 267.716†	58627.9	0.4145	mg/L	0.00359	0.4145	mg/L	0.00359 0.87%
Fe 273.955†	6323.7	0.2897	mg/L	0.00187	0.2897	mg/L	0.00187 0.64%
Mg 279.077†	-169.3	-0.0093	mg/L	0.00106	-0.0093	mg/L	0.00106 11.39%
V 292.402†	193052.6	0.5060	mg/L	0.00666	0.5060	mg/L	0.00666 1.32%
Al 308.215†	55308.5	1.338	mg/L	0.0091	1.338	mg/L	0.0091 0.68%
Be 313.107†	1856154.4	0.3727	mg/L	0.00419	0.3727	mg/L	0.00419 1.12%
Cu 324.752†	186420.7	0.4665	mg/L	0.00669	0.4665	mg/L	0.00669 1.43%
Ag 338.289†	51107.1	0.2352	mg/L	0.00199	0.2352	mg/L	0.00199 0.85%
Na 330.237†	918.9	0.5655	mg/L	0.01279	0.5655	mg/L	0.01279 2.26%
Ca 227.546†	35.7	0.0567	mg/L	0.03888	0.0567	mg/L	0.03888 68.63%
Al RADIAL†	2816.8	1.481	mg/L	0.0117	1.481	mg/L	0.0117 0.79%
Fe RADIAL†	33.2	0.2694	mg/L	0.03491	0.2694	mg/L	0.03491 12.96%
Ca RADIAL†	-105.7	-0.0357	mg/L	0.00463	-0.0357	mg/L	0.00463 12.94%
K RADIAL†	24.9	0.0149	mg/L	0.01905	0.0149	mg/L	0.01905 128.01%
Mg RADIAL†	0.2	0.0015	mg/L	0.02159	0.0015	mg/L	0.02159 >999.9%
Na RADIAL†	-5694.5	-0.2925	mg/L	0.00620	-0.2925	mg/L	0.00620 2.12%

Sequence No.: 26
Sample ID: BF20417-SRM2
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 23
Date Collected: 6/12/2012 7:04:54 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20417-SRM2

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17598239.2	4.713	mg/L	0.0441				0.94%
Y RADIAL	289039.3	4.633	mg/L	0.0660				1.42%
As 188.979†	-2.1	-0.0008	mg/L	0.00348	-0.0008	mg/L	0.00348	413.18%
Tl 190.801†	-4.4	-0.0012	mg/L	0.00111	-0.0012	mg/L	0.00111	89.66%
Se 196.026†	4.6	0.0036	mg/L	0.00609	0.0036	mg/L	0.00609	169.65%
Zn 206.200†	29.7	0.0005	mg/L	0.00003	0.0005	mg/L	0.00003	6.75%
Sb 206.836†	6.9	0.0016	mg/L	0.00127	0.0016	mg/L	0.00127	80.30%
Pb 220.353†	-0.7	0.0002	mg/L	0.00051	0.0002	mg/L	0.00051	257.24%
Cd 226.502†	6.8	0.0000	mg/L	0.00008	0.0000	mg/L	0.00008	183.31%
Co 228.616†	-2.9	-0.0001	mg/L	0.00023	-0.0001	mg/L	0.00023	305.65%
Ni 232.003†	-33.5	-0.0014	mg/L	0.00119	-0.0014	mg/L	0.00119	82.87%
Ba 233.527†	21.0	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	26.34%
Mn 257.610†	181.2	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	18.77%
Cr 267.716†	-19.0	-0.0001	mg/L	0.00005	-0.0001	mg/L	0.00005	34.86%
Fe 273.955†	33.5	0.0015	mg/L	0.00051	0.0015	mg/L	0.00051	33.21%
Mg 279.077†	243647.0	13.47	mg/L	0.124	13.47	mg/L	0.124	0.92%
V 292.402†	9.4	0.0000	mg/L	0.00011	0.0000	mg/L	0.00011	443.59%
Al 308.215†	1797.3	0.0429	mg/L	0.00052	0.0429	mg/L	0.00052	1.21%
Be 313.107†	90.8	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	121.16%
Cu 324.752†	410.8	0.0004	mg/L	0.00010	0.0004	mg/L	0.00010	24.88%
Ag 338.289†	99.3	0.0002	mg/L	0.00014	0.0002	mg/L	0.00014	66.26%
Na 330.237†	78862.1	48.43	mg/L	0.388	48.43	mg/L	0.388	0.80%
Ca 227.546†	15373.7	23.50	mg/L	0.308	23.50	mg/L	0.308	1.31%
Al RADIAL†	71.9	0.0378	mg/L	0.00395	0.0378	mg/L	0.00395	10.45%
Fe RADIAL†	0.1	0.0010	mg/L	0.02564	0.0010	mg/L	0.02564	>999.9%
Ca RADIAL†	76204.7	25.78	mg/L	0.583	25.78	mg/L	0.583	2.26%
K RADIAL†	34206.5	20.46	mg/L	0.324	20.46	mg/L	0.324	1.58%
Mg RADIAL†	2233.7	13.83	mg/L	0.185	13.83	mg/L	0.185	1.34%
Na RADIAL†	1089706.9	55.97	mg/L	0.280	55.97	mg/L	0.280	0.50%

Sequence No.: 27
Sample ID: 12F0343-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 24
Date Collected: 6/12/2012 7:09:42 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0343-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	15529585.3	4.159	mg/L	0.0316				0.76%
Y RADIAL	278070.6	4.457	mg/L	0.0393				0.88%
As 188.979†	-9.2	-0.0036	mg/L	0.00034	-0.0036	mg/L	0.00034	9.38%
Tl 190.801†	43.7	0.0122	mg/L	0.00160	0.0122	mg/L	0.00160	13.04%
Se 196.026†	-5.3	-0.0042	mg/L	0.00211	-0.0042	mg/L	0.00211	50.77%
Zn 206.200†	926.7	0.0146	mg/L	0.00004	0.0146	mg/L	0.00004	0.30%
Sb 206.836†	4.0	0.0009	mg/L	0.00095	0.0009	mg/L	0.00095	103.78%
Pb 220.353†	106.4	0.0123	mg/L	0.00153	0.0123	mg/L	0.00153	12.46%
Cd 226.502†	9.2	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	62.89%
Co 228.616†	-20.2	-0.0005	mg/L	0.00021	-0.0005	mg/L	0.00021	39.86%
Ni 232.003†	-68.2	-0.0029	mg/L	0.00035	-0.0029	mg/L	0.00035	12.11%
Ba 233.527†	4293.1	0.0285	mg/L	0.00036	0.0285	mg/L	0.00036	1.25%
Mn 257.610†	1666.4	0.0020	mg/L	0.00003	0.0020	mg/L	0.00003	1.29%
Cr 267.716†	62.8	0.0004	mg/L	0.00018	0.0004	mg/L	0.00018	39.57%
Fe 273.955†	336.6	0.0154	mg/L	0.00038	0.0154	mg/L	0.00038	2.49%
Mg 279.077†	87220.8	4.822	mg/L	0.0263	4.822	mg/L	0.0263	0.55%
V 292.402†	434.5	0.0011	mg/L	0.00018	0.0011	mg/L	0.00018	16.22%
Al 308.215†	2400.5	0.0575	mg/L	0.00459	0.0575	mg/L	0.00459	7.98%
Be 313.107†	-1142.3	-0.0002	mg/L	0.00005	-0.0002	mg/L	0.00005	22.28%
Cu 324.752†	2738.1	0.0059	mg/L	0.00012	0.0059	mg/L	0.00012	2.06%
Ag 338.289†	166.1	0.0003	mg/L	0.00022	0.0003	mg/L	0.00022	69.68%
Na 330.237†	2137922.4	1312	mg/L	20.0	1312	mg/L	20.0	1.52%
Ca 227.546†	28112.0	42.98	mg/L	0.525	42.98	mg/L	0.525	1.22%
Al RADIAL†	35.1	0.0185	mg/L	0.00484	0.0185	mg/L	0.00484	26.17%
Fe RADIAL†	-0.9	-0.0074	mg/L	0.00524	-0.0074	mg/L	0.00524	70.88%
Ca RADIAL†	126191.7	42.68	mg/L	0.053	42.68	mg/L	0.053	0.12%
K RADIAL†	3656.1	2.187	mg/L	0.0487	2.187	mg/L	0.0487	2.23%
Mg RADIAL†	790.7	4.896	mg/L	0.0496	4.896	mg/L	0.0496	1.01%
Na RADIAL†	12321979.5	632.9	mg/L	2.14	632.9	mg/L	2.14	0.34%

Sequence No.: 28
Sample ID: BF20417-DUP1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 25
Date Collected: 6/12/2012 7:14:39 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20417-DUP1

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	15518085.0	4.156	mg/L	0.0115				0.28%
Y RADIAL	280255.0	4.492	mg/L	0.0519				1.16%
As 188.979†	-8.1	-0.0032	mg/L	0.00317	-0.0032	mg/L	0.00317	99.44%
Tl 190.801†	25.6	0.0072	mg/L	0.00300	0.0072	mg/L	0.00300	41.78%
Se 196.026†	-0.7	-0.0006	mg/L	0.00391	-0.0006	mg/L	0.00391	678.79%
Zn 206.200†	909.4	0.0143	mg/L	0.00015	0.0143	mg/L	0.00015	1.06%
Sb 206.836†	-1.4	-0.0003	mg/L	0.00311	-0.0003	mg/L	0.00311	944.46%
Pb 220.353†	103.1	0.0119	mg/L	0.00094	0.0119	mg/L	0.00094	7.83%
Cd 226.502†	-7.9	-0.0001	mg/L	0.00003	-0.0001	mg/L	0.00003	64.37%
Co 228.616†	-15.2	-0.0004	mg/L	0.00004	-0.0004	mg/L	0.00004	10.70%
Ni 232.003†	-61.2	-0.0026	mg/L	0.00074	-0.0026	mg/L	0.00074	28.04%
Ba 233.527†	4252.2	0.0282	mg/L	0.00012	0.0282	mg/L	0.00012	0.43%
Mn 257.610†	1652.4	0.0019	mg/L	0.00001	0.0019	mg/L	0.00001	0.51%
Cr 267.716†	28.7	0.0002	mg/L	0.00020	0.0002	mg/L	0.00020	97.78%
Fe 273.955†	339.8	0.0156	mg/L	0.00029	0.0156	mg/L	0.00029	1.88%
Mg 279.077†	86885.4	4.803	mg/L	0.0044	4.803	mg/L	0.0044	0.09%
V 292.402†	514.2	0.0013	mg/L	0.00007	0.0013	mg/L	0.00007	4.99%
Al 308.215†	2507.3	0.0600	mg/L	0.00430	0.0600	mg/L	0.00430	7.16%
Be 313.107†	-1311.8	-0.0003	mg/L	0.00003	-0.0003	mg/L	0.00003	10.00%
Cu 324.752†	2757.7	0.0060	mg/L	0.00017	0.0060	mg/L	0.00017	2.80%
Ag 338.289†	121.5	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	35.59%

Na 330.237†	2119968.1	1301	mg/L	11.7	1301	mg/L	11.7	0.90%
Ca 227.546†	28207.8	43.12	mg/L	0.191	43.12	mg/L	0.191	0.44%
Al RADIAL†	26.3	0.0138	mg/L	0.00640	0.0138	mg/L	0.00640	46.28%
Fe RADIAL†	2.2	0.0182	mg/L	0.01729	0.0182	mg/L	0.01729	95.08%
Ca RADIAL†	125638.2	42.50	mg/L	0.083	42.50	mg/L	0.083	0.20%
K RADIAL†	4012.5	2.401	mg/L	0.0631	2.401	mg/L	0.0631	2.63%
Mg RADIAL†	790.6	4.895	mg/L	0.0517	4.895	mg/L	0.0517	1.06%
Na RADIAL†	11940965.5	613.4	mg/L	9.55	613.4	mg/L	9.55	1.56%

Sequence No.: 29 **Autosampler Location: 26**
Sample ID: BF20417-MS1 **Date Collected: 6/12/2012 7:19:37 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20417-MS1

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	15387078.9	4.121	mg/L	0.0148				0.36%
Y RADIAL	277009.8	4.440	mg/L	0.0292				0.66%
As 188.979†	5626.9	2.208	mg/L	0.0015	2.208	mg/L	0.0015	0.07%
Tl 190.801†	6699.8	1.878	mg/L	0.0115	1.878	mg/L	0.0115	0.61%
Se 196.026†	2821.2	2.217	mg/L	0.0088	2.217	mg/L	0.0088	0.40%
Zn 206.200†	35787.5	0.5640	mg/L	0.00035	0.5640	mg/L	0.00035	0.06%
Sb 206.836†	1147.1	0.2603	mg/L	0.00265	0.2603	mg/L	0.00265	1.02%
Pb 220.353†	4679.0	0.5191	mg/L	0.00091	0.5191	mg/L	0.00091	0.17%
Cd 226.502†	8319.3	0.0523	mg/L	0.00021	0.0523	mg/L	0.00021	0.40%
Co 228.616†	19580.8	0.5138	mg/L	0.00109	0.5138	mg/L	0.00109	0.21%
Ni 232.003†	12502.0	0.5380	mg/L	0.00173	0.5380	mg/L	0.00173	0.32%
Ba 233.527†	320522.1	2.124	mg/L	0.0059	2.124	mg/L	0.0059	0.28%
Mn 257.610†	409600.6	0.5010	mg/L	0.00140	0.5010	mg/L	0.00140	0.28%
Cr 267.716†	29992.7	0.2121	mg/L	0.00031	0.2121	mg/L	0.00031	0.15%
Fe 273.955†	22727.7	1.041	mg/L	0.0052	1.041	mg/L	0.0052	0.50%
Mg 279.077†	84521.0	4.673	mg/L	0.0054	4.673	mg/L	0.0054	0.12%
V 292.402†	194417.0	0.5095	mg/L	0.00176	0.5095	mg/L	0.00176	0.35%
Al 308.215†	89854.8	2.173	mg/L	0.0113	2.173	mg/L	0.0113	0.52%
Be 313.107†	250844.7	0.0504	mg/L	0.00025	0.0504	mg/L	0.00025	0.49%
Cu 324.752†	110665.8	0.2760	mg/L	0.00171	0.2760	mg/L	0.00171	0.62%
Ag 338.289†	11486.3	0.0524	mg/L	0.00012	0.0524	mg/L	0.00012	0.23%
Na 330.237†	2133281.1	1309	mg/L	6.6	1309	mg/L	6.6	0.51%
Ca 227.546†	28514.9	43.60	mg/L	0.030	43.60	mg/L	0.030	0.07%
Al RADIAL†	4092.7	2.152	mg/L	0.0328	2.152	mg/L	0.0328	1.52%
Fe RADIAL†	122.5	0.9932	mg/L	0.00888	0.9932	mg/L	0.00888	0.89%
Ca RADIAL†	125594.1	42.48	mg/L	0.068	42.48	mg/L	0.068	0.16%
K RADIAL†	4026.8	2.409	mg/L	0.0300	2.409	mg/L	0.0300	1.25%
Mg RADIAL†	788.6	4.883	mg/L	0.0442	4.883	mg/L	0.0442	0.91%
Na RADIAL†	11835342.7	607.9	mg/L	8.96	607.9	mg/L	8.96	1.47%

Sequence No.: 30 **Autosampler Location: 27**
Sample ID: 12F0374-01 **Date Collected: 6/12/2012 7:27:46 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: 12F0374-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17613400.7	4.717	mg/L	0.0132				0.28%
Y RADIAL	292709.2	4.692	mg/L	0.0184				0.39%
As 188.979†	0.4	0.0002	mg/L	0.00146	0.0002	mg/L	0.00146	869.31%
Tl 190.801†	-7.7	-0.0022	mg/L	0.00038	-0.0022	mg/L	0.00038	17.87%
Se 196.026†	0.2	0.0002	mg/L	0.00360	0.0002	mg/L	0.00360	>999.9%
Zn 206.200†	3395.2	0.0535	mg/L	0.00024	0.0535	mg/L	0.00024	0.46%
Sb 206.836†	-0.9	-0.0002	mg/L	0.00190	-0.0002	mg/L	0.00190	946.16%
Pb 220.353†	-6.4	-0.0003	mg/L	0.00026	-0.0003	mg/L	0.00026	85.36%
Cd 226.502†	47.6	0.0003	mg/L	0.00019	0.0003	mg/L	0.00019	66.70%
Co 228.616†	15.8	0.0004	mg/L	0.00015	0.0004	mg/L	0.00015	36.93%
Ni 232.003†	71.0	0.0031	mg/L	0.00051	0.0031	mg/L	0.00051	16.50%

Ba 233.527†	495.0	0.0033 mg/L	0.00024	0.0033 mg/L	0.00024	7.24%
Mn 257.610†	18316.7	0.0223 mg/L	0.00022	0.0223 mg/L	0.00022	0.98%
Cr 267.716†	81.0	0.0006 mg/L	0.00011	0.0006 mg/L	0.00011	18.85%
Fe 273.955†	1923.6	0.0881 mg/L	0.00060	0.0881 mg/L	0.00060	0.68%
Mg 279.077†	154549.3	8.545 mg/L	0.0536	8.545 mg/L	0.0536	0.63%
V 292.402†	-1012.4	-0.0027 mg/L	0.00016	-0.0027 mg/L	0.00016	5.83%
Al 308.215†	297.0	0.0066 mg/L	0.00295	0.0066 mg/L	0.00295	44.68%
Be 313.107†	-245.6	0.0000 mg/L	0.00003	0.0000 mg/L	0.00003	51.99%
Cu 324.752†	4593.6	0.0107 mg/L	0.00010	0.0107 mg/L	0.00010	0.90%
Ag 338.289†	-40.4	-0.0006 mg/L	0.00004	-0.0006 mg/L	0.00004	8.04%
Na 330.237†	78116.1	48.00 mg/L	0.266	48.00 mg/L	0.266	0.55%
Ca 227.546†	22868.5	34.96 mg/L	0.219	34.96 mg/L	0.219	0.63%
Al RADIAL†	-13.8	-0.0072 mg/L	0.00478	-0.0072 mg/L	0.00478	65.97%
Fe RADIAL†	11.3	0.0919 mg/L	0.01108	0.0919 mg/L	0.01108	12.05%
Ca RADIAL†	110909.3	37.51 mg/L	0.437	37.51 mg/L	0.437	1.16%
K RADIAL†	40147.7	24.02 mg/L	0.299	24.02 mg/L	0.299	1.24%
Mg RADIAL†	1403.2	8.688 mg/L	0.0495	8.688 mg/L	0.0495	0.57%
Na RADIAL†	1062609.1	54.58 mg/L	0.248	54.58 mg/L	0.248	0.45%

Sequence No.: 31 **Autosampler Location: 28**
Sample ID: BF20418-BLK1 **Date Collected: 6/12/2012 7:32:32 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20418-BLK1

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18491556.8	4.952	mg/L	0.0185				0.37%
Y RADIAL	304519.4	4.881	mg/L	0.0655				1.34%
As 188.979†	4.0	0.0016	mg/L	0.00230	0.0016	mg/L	0.00230	147.87%
Tl 190.801†	-3.0	-0.0008	mg/L	0.00023	-0.0008	mg/L	0.00023	28.06%
Se 196.026†	-1.8	-0.0014	mg/L	0.00361	-0.0014	mg/L	0.00361	262.56%
Zn 206.200†	-8.6	-0.0001	mg/L	0.00012	-0.0001	mg/L	0.00012	90.79%
Sb 206.836†	1.3	0.0003	mg/L	0.00101	0.0003	mg/L	0.00101	339.42%
Pb 220.353†	5.2	0.0006	mg/L	0.00069	0.0006	mg/L	0.00069	120.31%
Cd 226.502†	13.8	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	90.66%
Co 228.616†	-10.1	-0.0003	mg/L	0.00011	-0.0003	mg/L	0.00011	41.91%
Ni 232.003†	-13.6	-0.0006	mg/L	0.00018	-0.0006	mg/L	0.00018	30.67%
Ba 233.527†	-11.8	-0.0001	mg/L	0.00007	-0.0001	mg/L	0.00007	88.23%
Mn 257.610†	-8.8	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	26.66%
Cr 267.716†	3.2	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	268.60%
Fe 273.955†	5.9	0.0003	mg/L	0.00044	0.0003	mg/L	0.00044	162.99%
Mg 279.077†	-11.3	-0.0006	mg/L	0.00186	-0.0006	mg/L	0.00186	298.11%
V 292.402†	49.3	0.0001	mg/L	0.00006	0.0001	mg/L	0.00006	48.11%
Al 308.215†	-224.8	-0.0054	mg/L	0.00160	-0.0054	mg/L	0.00160	29.38%
Be 313.107†	333.0	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	27.30%
Cu 324.752†	-366.1	-0.0009	mg/L	0.00011	-0.0009	mg/L	0.00011	12.24%
Ag 338.289†	-19.1	-0.0001	mg/L	0.00044	-0.0001	mg/L	0.00044	504.83%
Na 330.237†	72.6	0.0446	mg/L	0.02205	0.0446	mg/L	0.02205	49.45%
Ca 227.546†	4.1	0.0063	mg/L	0.00927	0.0063	mg/L	0.00927	146.48%
Al RADIAL†	-1.9	-0.0010	mg/L	0.00700	-0.0010	mg/L	0.00700	689.65%
Fe RADIAL†	-1.7	-0.0137	mg/L	0.00759	-0.0137	mg/L	0.00759	55.38%
Ca RADIAL†	-26.0	-0.0088	mg/L	0.00733	-0.0088	mg/L	0.00733	83.24%
K RADIAL†	79.7	0.0477	mg/L	0.02372	0.0477	mg/L	0.02372	49.73%
Mg RADIAL†	0.1	0.0008	mg/L	0.01729	0.0008	mg/L	0.01729	>999.9%
Na RADIAL†	8998.7	0.4622	mg/L	0.00990	0.4622	mg/L	0.00990	2.14%

Sequence No.: 32 **Autosampler Location: 3**
Sample ID: CCV-3 **Date Collected: 6/12/2012 7:37:13 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV-3

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18000227.7	4.820	mg/L	0.0091				0.19%

Y RADIAL	296446.7	4.752 mg/L	0.0542			1.14%
As 188.979†	616.4	0.2426 mg/L	0.00213	0.2426 mg/L	0.00213	0.88%
Tl 190.801†	903.5	0.2538 mg/L	0.00341	0.2538 mg/L	0.00341	1.35%
Se 196.026†	309.9	0.2471 mg/L	0.00543	0.2471 mg/L	0.00543	2.20%
Zn 206.200†	162002.4	2.553 mg/L	0.0204	2.553 mg/L	0.0204	0.80%
Sb 206.836†	1142.4	0.2591 mg/L	0.00091	0.2591 mg/L	0.00091	0.35%
Pb 220.353†	2311.7	0.2567 mg/L	0.00297	0.2567 mg/L	0.00297	1.16%
Cd 226.502†	19970.4	0.1250 mg/L	0.00119	0.1250 mg/L	0.00119	0.95%
Co 228.616†	97968.1	2.571 mg/L	0.0242	2.571 mg/L	0.0242	0.94%
Ni 232.003†	58472.9	2.516 mg/L	0.0250	2.516 mg/L	0.0250	0.99%
Ba 233.527†	1543853.9	10.23 mg/L	0.071	10.23 mg/L	0.071	0.69%
Mn 257.610†	2057810.9	2.517 mg/L	0.0147	2.517 mg/L	0.0147	0.59%
Cr 267.716†	146657.1	1.037 mg/L	0.0117	1.037 mg/L	0.0117	1.13%
Fe 273.955†	110959.1	5.084 mg/L	0.0503	5.084 mg/L	0.0503	0.99%
Mg 279.077†	447551.5	24.75 mg/L	0.155	24.75 mg/L	0.155	0.63%
V 292.402†	941856.8	2.468 mg/L	0.0073	2.468 mg/L	0.0073	0.30%
Al 308.215†	396844.7	9.598 mg/L	0.0707	9.598 mg/L	0.0707	0.74%
Be 313.107†	1227120.6	0.2464 mg/L	0.00117	0.2464 mg/L	0.00117	0.47%
Cu 324.752†	492286.5	1.231 mg/L	0.0111	1.231 mg/L	0.0111	0.90%
Ag 338.289†	263519.7	1.212 mg/L	0.0065	1.212 mg/L	0.0065	0.53%
Na 330.237†	39634.9	24.39 mg/L	0.211	24.39 mg/L	0.211	0.86%
Ca 227.546†	15802.7	24.19 mg/L	0.154	24.19 mg/L	0.154	0.64%
Al RADIAL†	20549.8	10.81 mg/L	0.151	10.81 mg/L	0.151	1.40%
Fe RADIAL†	622.6	5.049 mg/L	0.0035	5.049 mg/L	0.0035	0.07%
Ca RADIAL†	75643.6	25.59 mg/L	0.467	25.59 mg/L	0.467	1.82%
K RADIAL†	8693.1	5.201 mg/L	0.0631	5.201 mg/L	0.0631	1.21%
Mg RADIAL†	4208.6	26.06 mg/L	0.255	26.06 mg/L	0.255	0.98%
Na RADIAL†	526844.1	27.06 mg/L	0.039	27.06 mg/L	0.039	0.14%

Sequence No.: 33 **Autosampler Location: 4**
Sample ID: CCB-3 **Date Collected: 6/12/2012 7:45:28 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB-3

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18319717.6	4.906	mg/L	0.0267				0.54%
Y RADIAL	300576.9	4.818	mg/L	0.0492				1.02%
As 188.979†	1.5	0.0006	mg/L	0.00227	0.0006	mg/L	0.00227	376.93%
Tl 190.801†	-1.1	-0.0003	mg/L	0.00102	-0.0003	mg/L	0.00102	330.16%
Se 196.026†	3.2	0.0025	mg/L	0.00157	0.0025	mg/L	0.00157	62.45%
Zn 206.200†	3.9	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	63.78%
Sb 206.836†	1.7	0.0004	mg/L	0.00111	0.0004	mg/L	0.00111	284.20%
Pb 220.353†	1.8	0.0002	mg/L	0.00171	0.0002	mg/L	0.00171	848.17%
Cd 226.502†	8.7	0.0001	mg/L	0.00008	0.0001	mg/L	0.00008	142.10%
Co 228.616†	-10.6	-0.0003	mg/L	0.00029	-0.0003	mg/L	0.00029	103.45%
Ni 232.003†	-16.9	-0.0007	mg/L	0.00020	-0.0007	mg/L	0.00020	27.58%
Ba 233.527†	-4.5	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	57.37%
Mn 257.610†	13.5	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	120.28%
Cr 267.716†	1.7	0.0000	mg/L	0.00007	0.0000	mg/L	0.00007	576.96%
Fe 273.955†	11.0	0.0005	mg/L	0.00021	0.0005	mg/L	0.00021	41.16%
Mg 279.077†	-15.3	-0.0008	mg/L	0.00076	-0.0008	mg/L	0.00076	90.22%
V 292.402†	36.1	0.0001	mg/L	0.00017	0.0001	mg/L	0.00017	183.72%
Al 308.215†	-180.0	-0.0044	mg/L	0.00232	-0.0044	mg/L	0.00232	53.23%
Be 313.107†	221.5	0.0000	mg/L	0.00001	0.0000	mg/L	0.00001	26.34%
Cu 324.752†	-105.4	-0.0003	mg/L	0.00012	-0.0003	mg/L	0.00012	46.85%
Ag 338.289†	-65.0	-0.0003	mg/L	0.00046	-0.0003	mg/L	0.00046	153.17%
Na 330.237†	36.2	0.0222	mg/L	0.06281	0.0222	mg/L	0.06281	282.37%
Ca 227.546†	5.2	0.0079	mg/L	0.00721	0.0079	mg/L	0.00721	91.06%
Al RADIAL†	-6.0	-0.0031	mg/L	0.00396	-0.0031	mg/L	0.00396	125.76%
Fe RADIAL†	-1.8	-0.0146	mg/L	0.00946	-0.0146	mg/L	0.00946	64.65%
Ca RADIAL†	-42.8	-0.0145	mg/L	0.00794	-0.0145	mg/L	0.00794	54.83%
K RADIAL†	48.1	0.0288	mg/L	0.01607	0.0288	mg/L	0.01607	55.91%
Mg RADIAL†	0.5	0.0031	mg/L	0.02263	0.0031	mg/L	0.02263	734.66%
Na RADIAL†	3742.5	0.1922	mg/L	0.00740	0.1922	mg/L	0.00740	3.85%

Sequence No.: 34 **Autosampler Location: 29**

Sample ID: BF20418-SRM1
Analyst: MW
Initial Sample Wt:
Dilution:

Date Collected: 6/12/2012 7:50:09 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20418-SRM1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17541332.9	4.698	mg/L	0.0285				0.61%
Y RADIAL	301872.6	4.839	mg/L	0.0505				1.04%
As 188.979†	2318.1	0.9257	mg/L	0.00404	0.9257	mg/L	0.00404	0.44%
Tl 190.801†	4120.8	1.165	mg/L	0.0057	1.165	mg/L	0.0057	0.49%
Se 196.026†	978.7	0.8466	mg/L	0.00431	0.8466	mg/L	0.00431	0.51%
Zn 206.200†	81516.1	1.278	mg/L	0.0086	1.278	mg/L	0.0086	0.67%
Sb 206.836†	4159.9	0.9431	mg/L	0.00282	0.9431	mg/L	0.00282	0.30%
Pb 220.353†	7917.8	0.8701	mg/L	0.00354	0.8701	mg/L	0.00354	0.41%
Cd 226.502†	94175.0	0.5733	mg/L	0.00380	0.5733	mg/L	0.00380	0.66%
Co 228.616†	39022.3	1.024	mg/L	0.0050	1.024	mg/L	0.0050	0.49%
Ni 232.003†	14253.7	0.6313	mg/L	0.00463	0.6313	mg/L	0.00463	0.73%
Ba 233.527†	245220.2	1.625	mg/L	0.0133	1.625	mg/L	0.0133	0.82%
Mn 257.610†	2167344.7	2.657	mg/L	0.0196	2.657	mg/L	0.0196	0.74%
Cr 267.716†	92414.3	0.6534	mg/L	0.00439	0.6534	mg/L	0.00439	0.67%
Fe 273.955†	2411917.0	110.5	mg/L	0.80	110.5	mg/L	0.80	0.72%
Mg 279.077†	412947.9	22.84	mg/L	0.184	22.84	mg/L	0.184	0.81%
V 292.402†	199041.9	0.5128	mg/L	0.00430	0.5128	mg/L	0.00430	0.84%
Al 308.215†	2793884.9	67.59	mg/L	0.670	67.59	mg/L	0.670	0.99%
Be 313.107†	2695458.5	0.5412	mg/L	0.00142	0.5412	mg/L	0.00142	0.26%
Cu 324.752†	313625.4	0.7880	mg/L	0.00695	0.7880	mg/L	0.00695	0.88%
Ag 338.289†	68679.4	0.3154	mg/L	0.00172	0.3154	mg/L	0.00172	0.55%
Na 330.237†	1843.6	1.772	mg/L	0.0324	1.772	mg/L	0.0324	1.83%
Ca 227.546†	37503.8	57.89	mg/L	0.210	57.89	mg/L	0.210	0.36%
Al RADIAL†	136556.2	71.81	mg/L	0.810	71.81	mg/L	0.810	1.13%
Fe RADIAL†	13937.5	113.0	mg/L	0.90	113.0	mg/L	0.90	0.80%
Ca RADIAL†	171842.4	58.13	mg/L	0.132	58.13	mg/L	0.132	0.23%
K RADIAL†	39046.1	23.36	mg/L	0.138	23.36	mg/L	0.138	0.59%
Mg RADIAL†	3716.5	23.01	mg/L	0.241	23.01	mg/L	0.241	1.05%
Na RADIAL†	63176.6	3.245	mg/L	0.0618	3.245	mg/L	0.0618	1.90%

Sequence No.: 35
Sample ID: 12F0316-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 30
Date Collected: 6/12/2012 7:57:47 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0316-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18476140.8	4.948	mg/L	0.0173				0.35%
Y RADIAL	307606.1	4.931	mg/L	0.1001				2.03%
As 188.979†	4.5	0.0018	mg/L	0.00198	0.0018	mg/L	0.00198	109.71%
Tl 190.801†	23.5	0.0066	mg/L	0.00170	0.0066	mg/L	0.00170	25.68%
Se 196.026†	4.1	0.0035	mg/L	0.00041	0.0035	mg/L	0.00041	11.91%
Zn 206.200†	18519.8	0.2919	mg/L	0.00081	0.2919	mg/L	0.00081	0.28%
Sb 206.836†	8.4	0.0019	mg/L	0.00105	0.0019	mg/L	0.00105	55.37%
Pb 220.353†	98.8	0.0109	mg/L	0.00117	0.0109	mg/L	0.00117	10.68%
Cd 226.502†	101.4	0.0006	mg/L	0.00007	0.0006	mg/L	0.00007	12.60%
Co 228.616†	36.6	0.0010	mg/L	0.00008	0.0010	mg/L	0.00008	7.96%
Ni 232.003†	62.4	0.0027	mg/L	0.00013	0.0027	mg/L	0.00013	4.68%
Ba 233.527†	2005.4	0.0133	mg/L	0.00130	0.0133	mg/L	0.00130	9.79%
Mn 257.610†	2418.7	0.0030	mg/L	0.00004	0.0030	mg/L	0.00004	1.45%
Cr 267.716†	150.4	0.0011	mg/L	0.00002	0.0011	mg/L	0.00002	1.82%
Fe 273.955†	6647.4	0.3046	mg/L	0.00689	0.3046	mg/L	0.00689	2.26%
Mg 279.077†	5581.5	0.3086	mg/L	0.00182	0.3086	mg/L	0.00182	0.59%
V 292.402†	-238.7	-0.0007	mg/L	0.00026	-0.0007	mg/L	0.00026	39.84%
Al 308.215†	1056.6	0.0256	mg/L	0.00249	0.0256	mg/L	0.00249	9.72%
Be 313.107†	493.1	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	21.77%
Cu 324.752†	7326.2	0.0183	mg/L	0.00011	0.0183	mg/L	0.00011	0.58%
Ag 338.289†	161.3	0.0007	mg/L	0.00005	0.0007	mg/L	0.00005	6.41%
Na 330.237†	4404.7	2.707	mg/L	0.3500	2.707	mg/L	0.3500	12.93%

Ca 227.546†	854.2	1.307 mg/L	0.0647	1.307 mg/L	0.0647	4.95%
Al RADIAL†	40.3	0.0212 mg/L	0.00210	0.0212 mg/L	0.00210	9.93%
Fe RADIAL†	34.9	0.2828 mg/L	0.02833	0.2828 mg/L	0.02833	10.02%
Ca RADIAL†	3890.2	1.316 mg/L	0.0409	1.316 mg/L	0.0409	3.11%
K RADIAL†	276.8	0.1656 mg/L	0.01914	0.1656 mg/L	0.01914	11.56%
Mg RADIAL†	45.6	0.2821 mg/L	0.02368	0.2821 mg/L	0.02368	8.39%
Na RADIAL†	65207.5	3.349 mg/L	0.0532	3.349 mg/L	0.0532	1.59%

Sequence No.: 36
Sample ID: 12F0339-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 31
Date Collected: 6/12/2012 8:02:28 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0339-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17756365.6	4.755	mg/L	0.0351				0.74%
Y RADIAL	298976.9	4.793	mg/L	0.0917				1.91%
As 188.979†	-37.6	0.0070	mg/L	0.00186	0.0070	mg/L	0.00186	26.70%
Tl 190.801†	-117.4	-0.0207	mg/L	0.00192	-0.0207	mg/L	0.00192	9.29%
Se 196.026†	-135.3	-0.0026	mg/L	0.00330	-0.0026	mg/L	0.00330	127.00%
Zn 206.200†	13188.4	0.2000	mg/L	0.00073	0.2000	mg/L	0.00073	0.37%
Sb 206.836†	-9.3	-0.0028	mg/L	0.00255	-0.0028	mg/L	0.00255	92.77%
Pb 220.353†	459.8	0.0358	mg/L	0.00184	0.0358	mg/L	0.00184	5.13%
Cd 226.502†	3930.1	-0.0030	mg/L	0.00012	-0.0030	mg/L	0.00012	4.00%
Co 228.616†	1969.6	0.0517	mg/L	0.00046	0.0517	mg/L	0.00046	0.89%
Ni 232.003†	2602.9	0.1361	mg/L	0.00162	0.1361	mg/L	0.00162	1.19%
Ba 233.527†	52489.5	0.3479	mg/L	0.00436	0.3479	mg/L	0.00436	1.25%
Mn 257.610†	2068008.0	2.537	mg/L	0.0198	2.537	mg/L	0.0198	0.78%
Cr 267.716†	19569.9	0.1384	mg/L	0.00111	0.1384	mg/L	0.00111	0.80%
Fe 273.955†	3220931.4	147.6	mg/L	1.27	147.6	mg/L	1.27	0.86%
Mg 279.077†	370320.7	20.48	mg/L	0.203	20.48	mg/L	0.203	0.99%
V 292.402†	90174.3	0.2244	mg/L	0.00168	0.2244	mg/L	0.00168	0.75%
Al 308.215†	1748949.3	42.32	mg/L	0.347	42.32	mg/L	0.347	0.82%
Be 313.107†	-44906.1	-0.0090	mg/L	0.00006	-0.0090	mg/L	0.00006	0.69%
Cu 324.752†	65006.5	0.1688	mg/L	0.00129	0.1688	mg/L	0.00129	0.76%
Ag 338.289†	-3988.2	-0.0185	mg/L	0.00053	-0.0185	mg/L	0.00053	2.89%
Na 330.237†	7473.7	5.331	mg/L	0.1070	5.331	mg/L	0.1070	2.01%
Ca 227.546†	8096.9	13.10	mg/L	0.046	13.10	mg/L	0.046	0.35%
Al RADIAL†	86161.9	45.31	mg/L	0.348	45.31	mg/L	0.348	0.77%
Fe RADIAL†	18968.4	153.8	mg/L	2.50	153.8	mg/L	2.50	1.62%
Ca RADIAL†	42594.1	14.41	mg/L	0.256	14.41	mg/L	0.256	1.78%
K RADIAL†	13545.6	8.104	mg/L	0.1527	8.104	mg/L	0.1527	1.88%
Mg RADIAL†	3264.8	20.21	mg/L	0.381	20.21	mg/L	0.381	1.88%
Na RADIAL†	175975.3	9.039	mg/L	0.0388	9.039	mg/L	0.0388	0.43%

Sequence No.: 37
Sample ID: 12F0346-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 32
Date Collected: 6/12/2012 8:07:14 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0346-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17036400.2	4.562	mg/L	0.0155				0.34%
Y RADIAL	293618.8	4.707	mg/L	0.0659				1.40%
As 188.979†	33.8	0.0353	mg/L	0.00112	0.0353	mg/L	0.00112	3.17%
Tl 190.801†	-283.0	-0.0664	mg/L	0.00448	-0.0664	mg/L	0.00448	6.75%
Se 196.026†	-146.3	-0.0096	mg/L	0.01082	-0.0096	mg/L	0.01082	113.19%
Zn 206.200†	26855.7	0.4143	mg/L	0.00659	0.4143	mg/L	0.00659	1.59%
Sb 206.836†	-31.8	-0.0086	mg/L	0.00146	-0.0086	mg/L	0.00146	16.94%
Pb 220.353†	1772.1	0.1875	mg/L	0.00062	0.1875	mg/L	0.00062	0.33%
Cd 226.502†	4424.8	-0.0004	mg/L	0.00071	-0.0004	mg/L	0.00071	199.98%
Co 228.616†	2750.9	0.0722	mg/L	0.00029	0.0722	mg/L	0.00029	0.40%
Ni 232.003†	2661.7	0.1390	mg/L	0.00335	0.1390	mg/L	0.00335	2.41%
Ba 233.527†	86164.7	0.5711	mg/L	0.01231	0.5711	mg/L	0.01231	2.15%

Mn 257.610†	1967759.3	2.414 mg/L	0.0263	2.414 mg/L	0.0263	1.09%
Cr 267.716†	17870.1	0.1263 mg/L	0.00253	0.1263 mg/L	0.00253	2.00%
Fe 273.955†	3271230.5	149.9 mg/L	1.63	149.9 mg/L	1.63	1.09%
Mg 279.077†	902373.8	49.90 mg/L	0.521	49.90 mg/L	0.521	1.04%
V 292.402†	136911.4	0.3467 mg/L	0.00903	0.3467 mg/L	0.00903	2.60%
Al 308.215†	3906586.2	94.50 mg/L	1.156	94.50 mg/L	1.156	1.22%
Be 313.107†	-173928.1	-0.0349 mg/L	0.00068	-0.0349 mg/L	0.00068	1.96%
Cu 324.752†	80368.9	0.2037 mg/L	0.00492	0.2037 mg/L	0.00492	2.42%
Ag 338.289†	-11358.3	-0.0539 mg/L	0.00153	-0.0539 mg/L	0.00153	2.84%
Na 330.237†	-4772.5	-1.934 mg/L	0.0255	-1.934 mg/L	0.0255	1.32%
Ca 227.546†	99308.5	152.6 mg/L	3.84	152.6 mg/L	3.84	2.52%
Al RADIAL†	188982.2	99.38 mg/L	0.823	99.38 mg/L	0.823	0.83%
Fe RADIAL†	19298.3	156.5 mg/L	4.09	156.5 mg/L	4.09	2.62%
Ca RADIAL†	453046.2	153.2 mg/L	0.31	153.2 mg/L	0.31	0.20%
K RADIAL†	54079.0	32.35 mg/L	0.700	32.35 mg/L	0.700	2.16%
Mg RADIAL†	8153.6	50.48 mg/L	1.105	50.48 mg/L	1.105	2.19%
Na RADIAL†	87043.1	4.471 mg/L	0.0266	4.471 mg/L	0.0266	0.60%

Sequence No.: 38
Sample ID: 12F0352-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 33
Date Collected: 6/12/2012 8:11:38 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0352-01

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18530011.8	4.962	mg/L	0.0326				0.66%
Y RADIAL	306764.1	4.917	mg/L	0.0424				0.86%
As 188.979†	2.4	0.0010	mg/L	0.00180	0.0010	mg/L	0.00180	176.59%
Tl 190.801†	-3.9	-0.0010	mg/L	0.00051	-0.0010	mg/L	0.00051	48.99%
Se 196.026†	3.4	0.0030	mg/L	0.00128	0.0030	mg/L	0.00128	42.59%
Zn 206.200†	39991.2	0.6303	mg/L	0.00924	0.6303	mg/L	0.00924	1.47%
Sb 206.836†	3.4	0.0008	mg/L	0.00128	0.0008	mg/L	0.00128	166.58%
Pb 220.353†	180.8	0.0200	mg/L	0.00024	0.0200	mg/L	0.00024	1.18%
Cd 226.502†	121.5	0.0007	mg/L	0.00002	0.0007	mg/L	0.00002	2.65%
Co 228.616†	33.1	0.0009	mg/L	0.00011	0.0009	mg/L	0.00011	12.72%
Ni 232.003†	107.9	0.0047	mg/L	0.00033	0.0047	mg/L	0.00033	7.06%
Ba 233.527†	1724.8	0.0114	mg/L	0.00030	0.0114	mg/L	0.00030	2.59%
Mn 257.610†	4052.3	0.0050	mg/L	0.00002	0.0050	mg/L	0.00002	0.32%
Cr 267.716†	420.8	0.0030	mg/L	0.00009	0.0030	mg/L	0.00009	2.86%
Fe 273.955†	9703.5	0.4446	mg/L	0.00060	0.4446	mg/L	0.00060	0.14%
Mg 279.077†	5187.5	0.2868	mg/L	0.00769	0.2868	mg/L	0.00769	2.68%
V 292.402†	-631.0	-0.0017	mg/L	0.00014	-0.0017	mg/L	0.00014	8.08%
Al 308.215†	1704.6	0.0412	mg/L	0.00362	0.0412	mg/L	0.00362	8.79%
Be 313.107†	-71.2	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	108.04%
Cu 324.752†	15652.8	0.0392	mg/L	0.00052	0.0392	mg/L	0.00052	1.33%
Ag 338.289†	34.9	0.0001	mg/L	0.00010	0.0001	mg/L	0.00010	67.97%
Na 330.237†	4071.1	2.504	mg/L	0.1399	2.504	mg/L	0.1399	5.59%
Ca 227.546†	1251.3	1.915	mg/L	0.0150	1.915	mg/L	0.0150	0.78%
Al RADIAL†	62.0	0.0326	mg/L	0.00468	0.0326	mg/L	0.00468	14.36%
Fe RADIAL†	54.7	0.4433	mg/L	0.01347	0.4433	mg/L	0.01347	3.04%
Ca RADIAL†	5920.9	2.003	mg/L	0.0630	2.003	mg/L	0.0630	3.15%
K RADIAL†	501.6	0.3001	mg/L	0.01172	0.3001	mg/L	0.01172	3.90%
Mg RADIAL†	44.9	0.2780	mg/L	0.04485	0.2780	mg/L	0.04485	16.13%
Na RADIAL†	52797.8	2.712	mg/L	0.1413	2.712	mg/L	0.1413	5.21%

Sequence No.: 39
Sample ID: 12F0360-10
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 34
Date Collected: 6/12/2012 8:16:20 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0360-10

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17591309.8	4.711	mg/L	0.0242				0.51%
Y RADIAL	300619.5	4.819	mg/L	0.0217				0.45%

As 188.979†	35.8	0.0310 mg/L	0.00305	0.0310 mg/L	0.00305	9.83%
Tl 190.801†	-108.8	-0.0207 mg/L	0.00047	-0.0207 mg/L	0.00047	2.25%
Se 196.026†	-111.0	-0.0059 mg/L	0.00618	-0.0059 mg/L	0.00618	104.53%
Zn 206.200†	228677.3	3.598 mg/L	0.0031	3.598 mg/L	0.0031	0.09%
Sb 206.836†	183.1	0.0407 mg/L	0.00112	0.0407 mg/L	0.00112	2.75%
Pb 220.353†	3343.5	0.3613 mg/L	0.00316	0.3613 mg/L	0.00316	0.87%
Cd 226.502†	4039.5	0.0037 mg/L	0.00016	0.0037 mg/L	0.00016	4.23%
Co 228.616†	1724.9	0.0453 mg/L	0.00032	0.0453 mg/L	0.00032	0.71%
Ni 232.003†	4117.7	0.1960 mg/L	0.00065	0.1960 mg/L	0.00065	0.33%
Ba 233.527†	111157.5	0.7368 mg/L	0.00174	0.7368 mg/L	0.00174	0.24%
Mn 257.610†	1221690.9	1.500 mg/L	0.0083	1.500 mg/L	0.0083	0.55%
Cr 267.716†	38427.0	0.2717 mg/L	0.00178	0.2717 mg/L	0.00178	0.65%
Fe 273.955†	2523993.5	115.6 mg/L	0.67	115.6 mg/L	0.67	0.58%
Mg 279.077†	569740.6	31.51 mg/L	0.136	31.51 mg/L	0.136	0.43%
V 292.402†	107019.8	0.2711 mg/L	0.00227	0.2711 mg/L	0.00227	0.84%
Al 308.215†	2310824.2	55.90 mg/L	0.031	55.90 mg/L	0.031	0.06%
Be 313.107†	-36338.4	-0.0073 mg/L	0.00002	-0.0073 mg/L	0.00002	0.26%
Cu 324.752†	417248.6	1.048 mg/L	0.0009	1.048 mg/L	0.0009	0.08%
Ag 338.289†	-3356.2	-0.0160 mg/L	0.00021	-0.0160 mg/L	0.00021	1.30%
Na 330.237†	3877.4	3.038 mg/L	0.0179	3.038 mg/L	0.0179	0.59%
Ca 227.546†	34651.4	53.55 mg/L	0.188	53.55 mg/L	0.188	0.35%
Al RADIAL†	113934.9	59.92 mg/L	0.418	59.92 mg/L	0.418	0.70%
Fe RADIAL†	14662.7	118.9 mg/L	0.87	118.9 mg/L	0.87	0.73%
Ca RADIAL†	161745.5	54.71 mg/L	0.222	54.71 mg/L	0.222	0.41%
K RADIAL†	7611.3	4.554 mg/L	0.0150	4.554 mg/L	0.0150	0.33%
Mg RADIAL†	5107.3	31.62 mg/L	0.145	31.62 mg/L	0.145	0.46%
Na RADIAL†	50546.9	2.596 mg/L	0.0160	2.596 mg/L	0.0160	0.62%

Sequence No.: 40
Sample ID: 12F0360-11
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 35
Date Collected: 6/12/2012 8:20:43 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0360-11

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	17319736.1	4.638	mg/L	0.0220				0.47%
Y RADIAL	298056.1	4.778	mg/L	0.0166				0.35%
As 188.979†	7.1	0.0327	mg/L	0.00017	0.0327	mg/L	0.00017	0.52%
Tl 190.801†	-124.7	-0.0184	mg/L	0.00087	-0.0184	mg/L	0.00087	4.75%
Se 196.026†	-193.4	-0.0089	mg/L	0.00880	-0.0089	mg/L	0.00880	99.21%
Zn 206.200†	304159.6	4.784	mg/L	0.0205	4.784	mg/L	0.0205	0.43%
Sb 206.836†	477.7	0.1079	mg/L	0.00154	0.1079	mg/L	0.00154	1.42%
Pb 220.353†	8606.9	0.9319	mg/L	0.00728	0.9319	mg/L	0.00728	0.78%
Cd 226.502†	7517.1	0.0090	mg/L	0.00028	0.0090	mg/L	0.00028	3.15%
Co 228.616†	1799.3	0.0472	mg/L	0.00039	0.0472	mg/L	0.00039	0.83%
Ni 232.003†	5914.4	0.2877	mg/L	0.00108	0.2877	mg/L	0.00108	0.38%
Ba 233.527†	358852.3	2.379	mg/L	0.0117	2.379	mg/L	0.0117	0.49%
Mn 257.610†	734028.8	0.9073	mg/L	0.00296	0.9073	mg/L	0.00296	0.33%
Cr 267.716†	66648.2	0.4712	mg/L	0.00071	0.4712	mg/L	0.00071	0.15%
Fe 273.955†	4441591.9	203.5	mg/L	0.48	203.5	mg/L	0.48	0.23%
Mg 279.077†	1511123.4	83.56	mg/L	0.277	83.56	mg/L	0.277	0.33%
V 292.402†	82939.2	0.2009	mg/L	0.00150	0.2009	mg/L	0.00150	0.74%
Al 308.215†	1352168.3	32.72	mg/L	0.125	32.72	mg/L	0.125	0.38%
Be 313.107†	-23908.4	-0.0048	mg/L	0.00008	-0.0048	mg/L	0.00008	1.58%
Cu 324.752†	982545.0	2.465	mg/L	0.0104	2.465	mg/L	0.0104	0.42%
Ag 338.289†	-2616.4	-0.0134	mg/L	0.00056	-0.0134	mg/L	0.00056	4.17%
Na 330.237†	4357.0	3.896	mg/L	0.0969	3.896	mg/L	0.0969	2.49%
Ca 227.546†	85534.2	131.7	mg/L	0.68	131.7	mg/L	0.68	0.52%
Al RADIAL†	64127.0	33.72	mg/L	0.289	33.72	mg/L	0.289	0.86%
Fe RADIAL†	26829.8	217.5	mg/L	1.85	217.5	mg/L	1.85	0.85%
Ca RADIAL†	397751.2	134.5	mg/L	0.33	134.5	mg/L	0.33	0.24%
K RADIAL†	7079.7	4.236	mg/L	0.0182	4.236	mg/L	0.0182	0.43%
Mg RADIAL†	13263.0	82.12	mg/L	0.341	82.12	mg/L	0.341	0.42%
Na RADIAL†	35242.1	1.810	mg/L	0.0455	1.810	mg/L	0.0455	2.51%

Sequence No.: 41
Sample ID: 12F0360-12

Autosampler Location: 36
Date Collected: 6/12/2012 8:25:02 PM

Analyst: MW
Initial Sample Wt:
Dilution:

Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0360-12

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18269052.2	4.892	mg/L	0.0068				0.14%
Y RADIAL	307137.2	4.923	mg/L	0.0184				0.37%
As 188.979†	0.5	0.0024	mg/L	0.00122	0.0024	mg/L	0.00122	51.29%
Tl 190.801†	-21.0	-0.0046	mg/L	0.00200	-0.0046	mg/L	0.00200	43.18%
Se 196.026†	-10.2	0.0024	mg/L	0.00608	0.0024	mg/L	0.00608	248.48%
Zn 206.200†	128794.2	2.029	mg/L	0.0104	2.029	mg/L	0.0104	0.51%
Sb 206.836†	139.0	0.0315	mg/L	0.00107	0.0315	mg/L	0.00107	3.40%
Pb 220.353†	2070.3	0.2281	mg/L	0.00189	0.2281	mg/L	0.00189	0.83%
Cd 226.502†	1998.0	0.0098	mg/L	0.00021	0.0098	mg/L	0.00021	2.10%
Co 228.616†	205.0	0.0054	mg/L	0.00012	0.0054	mg/L	0.00012	2.17%
Ni 232.003†	1726.8	0.0767	mg/L	0.00088	0.0767	mg/L	0.00088	1.14%
Ba 233.527†	29676.8	0.1967	mg/L	0.00115	0.1967	mg/L	0.00115	0.58%
Mn 257.610†	49088.2	0.0608	mg/L	0.00028	0.0608	mg/L	0.00028	0.46%
Cr 267.716†	7500.9	0.0530	mg/L	0.00009	0.0530	mg/L	0.00009	0.17%
Fe 273.955†	325581.0	14.92	mg/L	0.050	14.92	mg/L	0.050	0.34%
Mg 279.077†	28297.8	1.565	mg/L	0.0123	1.565	mg/L	0.0123	0.78%
V 292.402†	5681.6	0.0137	mg/L	0.00004	0.0137	mg/L	0.00004	0.30%
Al 308.215†	235381.6	5.694	mg/L	0.0395	5.694	mg/L	0.0395	0.69%
Be 313.107†	-8531.5	-0.0017	mg/L	0.00004	-0.0017	mg/L	0.00004	2.19%
Cu 324.752†	554603.3	1.388	mg/L	0.0080	1.388	mg/L	0.0080	0.58%
Ag 338.289†	-465.7	-0.0022	mg/L	0.00007	-0.0022	mg/L	0.00007	3.08%
Na 330.237†	2455.5	1.594	mg/L	0.0827	1.594	mg/L	0.0827	5.19%
Ca 227.546†	5460.4	8.421	mg/L	0.0443	8.421	mg/L	0.0443	0.53%
Al RADIAL†	11690.2	6.148	mg/L	0.0384	6.148	mg/L	0.0384	0.63%
Fe RADIAL†	1823.8	14.79	mg/L	0.102	14.79	mg/L	0.102	0.69%
Ca RADIAL†	25228.9	8.534	mg/L	0.0456	8.534	mg/L	0.0456	0.53%
K RADIAL†	1811.1	1.084	mg/L	0.0315	1.084	mg/L	0.0315	2.91%
Mg RADIAL†	249.3	1.543	mg/L	0.0319	1.543	mg/L	0.0319	2.06%
Na RADIAL†	12856.2	0.6604	mg/L	0.02566	0.6604	mg/L	0.02566	3.88%

Sequence No.: 42
Sample ID: 12F0360-13
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 37
Date Collected: 6/12/2012 8:29:44 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0360-13

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18053333.6	4.835	mg/L	0.0218				0.45%
Y RADIAL	300155.7	4.811	mg/L	0.0594				1.24%
As 188.979†	39.2	0.0210	mg/L	0.00332	0.0210	mg/L	0.00332	15.80%
Tl 190.801†	-50.0	-0.0106	mg/L	0.00116	-0.0106	mg/L	0.00116	10.86%
Se 196.026†	-35.9	-0.0012	mg/L	0.00156	-0.0012	mg/L	0.00156	126.16%
Zn 206.200†	26220.2	0.4109	mg/L	0.00074	0.4109	mg/L	0.00074	0.18%
Sb 206.836†	-2.2	-0.0009	mg/L	0.00091	-0.0009	mg/L	0.00091	97.21%
Pb 220.353†	248.4	0.0253	mg/L	0.00133	0.0253	mg/L	0.00133	5.27%
Cd 226.502†	1073.0	-0.0005	mg/L	0.00019	-0.0005	mg/L	0.00019	40.51%
Co 228.616†	785.5	0.0206	mg/L	0.00008	0.0206	mg/L	0.00008	0.41%
Ni 232.003†	822.1	0.0416	mg/L	0.00093	0.0416	mg/L	0.00093	2.24%
Ba 233.527†	10905.9	0.0723	mg/L	0.00061	0.0723	mg/L	0.00061	0.84%
Mn 257.610†	555750.8	0.6818	mg/L	0.00346	0.6818	mg/L	0.00346	0.51%
Cr 267.716†	4976.7	0.0352	mg/L	0.00026	0.0352	mg/L	0.00026	0.74%
Fe 273.955†	837032.8	38.35	mg/L	0.197	38.35	mg/L	0.197	0.51%
Mg 279.077†	132973.8	7.355	mg/L	0.0272	7.355	mg/L	0.0272	0.37%
V 292.402†	22471.2	0.0558	mg/L	0.00029	0.0558	mg/L	0.00029	0.53%
Al 308.215†	1192408.5	28.84	mg/L	0.193	28.84	mg/L	0.193	0.67%
Be 313.107†	-21790.0	-0.0044	mg/L	0.00003	-0.0044	mg/L	0.00003	0.71%
Cu 324.752†	12094.9	0.0316	mg/L	0.00025	0.0316	mg/L	0.00025	0.78%
Ag 338.289†	-1920.4	-0.0089	mg/L	0.00041	-0.0089	mg/L	0.00041	4.62%
Na 330.237†	-980.0	-0.4079	mg/L	0.05707	-0.4079	mg/L	0.05707	13.99%
Ca 227.546†	1637.9	2.700	mg/L	0.0465	2.700	mg/L	0.0465	1.72%

Al RADIAL†	59593.9	31.34 mg/L	0.076	31.34 mg/L	0.076	0.24%
Fe RADIAL†	4805.5	38.96 mg/L	0.712	38.96 mg/L	0.712	1.83%
Ca RADIAL†	9103.0	3.079 mg/L	0.0627	3.079 mg/L	0.0627	2.04%
K RADIAL†	3576.1	2.139 mg/L	0.0310	2.139 mg/L	0.0310	1.45%
Mg RADIAL†	1150.9	7.125 mg/L	0.0844	7.125 mg/L	0.0844	1.18%
Na RADIAL†	4134.9	0.2124 mg/L	0.03338	0.2124 mg/L	0.03338	15.72%

Sequence No.: 43 **Autosampler Location: 38**
Sample ID: BF20418-DUP1 **Date Collected: 6/12/2012 8:34:33 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: BF20418-DUP1

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18004411.7	4.822	mg/L	0.0181				0.38%
Y RADIAL	299974.0	4.809	mg/L	0.0021				0.04%
As 188.979†	29.4	0.0172	mg/L	0.00130	0.0172	mg/L	0.00130	7.54%
Tl 190.801†	-55.5	-0.0122	mg/L	0.00191	-0.0122	mg/L	0.00191	15.73%
Se 196.026†	-39.5	-0.0039	mg/L	0.00254	-0.0039	mg/L	0.00254	64.71%
Zn 206.200†	26442.2	0.4143	mg/L	0.00157	0.4143	mg/L	0.00157	0.38%
Sb 206.836†	-5.4	-0.0017	mg/L	0.00200	-0.0017	mg/L	0.00200	119.86%
Pb 220.353†	249.0	0.0253	mg/L	0.00099	0.0253	mg/L	0.00099	3.91%
Cd 226.502†	1104.7	-0.0003	mg/L	0.00028	-0.0003	mg/L	0.00028	93.57%
Co 228.616†	784.7	0.0206	mg/L	0.00026	0.0206	mg/L	0.00026	1.25%
Ni 232.003†	801.2	0.0408	mg/L	0.00044	0.0408	mg/L	0.00044	1.09%
Ba 233.527†	10894.8	0.0722	mg/L	0.00020	0.0722	mg/L	0.00020	0.27%
Mn 257.610†	558906.9	0.6856	mg/L	0.00619	0.6856	mg/L	0.00619	0.90%
Cr 267.716†	4994.8	0.0353	mg/L	0.00034	0.0353	mg/L	0.00034	0.96%
Fe 273.955†	841284.4	38.55	mg/L	0.359	38.55	mg/L	0.359	0.93%
Mg 279.077†	133802.4	7.400	mg/L	0.0312	7.400	mg/L	0.0312	0.42%
V 292.402†	22747.9	0.0565	mg/L	0.00036	0.0565	mg/L	0.00036	0.65%
Al 308.215†	1201308.8	29.06	mg/L	0.331	29.06	mg/L	0.331	1.14%
Be 313.107†	-22313.7	-0.0045	mg/L	0.00006	-0.0045	mg/L	0.00006	1.39%
Cu 324.752†	12036.9	0.0315	mg/L	0.00022	0.0315	mg/L	0.00022	0.71%
Ag 338.289†	-1900.9	-0.0088	mg/L	0.00015	-0.0088	mg/L	0.00015	1.66%
Na 330.237†	-1077.8	-0.4670	mg/L	0.05196	-0.4670	mg/L	0.05196	11.13%
Ca 227.546†	1635.7	2.698	mg/L	0.0167	2.698	mg/L	0.0167	0.62%
Al RADIAL†	59590.8	31.34	mg/L	0.316	31.34	mg/L	0.316	1.01%
Fe RADIAL†	4804.5	38.96	mg/L	0.186	38.96	mg/L	0.186	0.48%
Ca RADIAL†	9109.4	3.081	mg/L	0.0129	3.081	mg/L	0.0129	0.42%
K RADIAL†	3610.6	2.160	mg/L	0.0158	2.160	mg/L	0.0158	0.73%
Mg RADIAL†	1153.4	7.141	mg/L	0.0057	7.141	mg/L	0.0057	0.08%
Na RADIAL†	2442.4	0.1255	mg/L	0.01905	0.1255	mg/L	0.01905	15.18%

Sequence No.: 44 **Autosampler Location: 3**
Sample ID: CCV-4 **Date Collected: 6/12/2012 8:39:20 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCV-4

Analyte	Mean Corrected Intensity	Calib. Conc.	Calib. Units	Std.Dev.	Sample Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18179717.1	4.869	mg/L	0.0403				0.83%
Y RADIAL	301584.4	4.834	mg/L	0.0360				0.74%
As 188.979†	614.6	0.2419	mg/L	0.00489	0.2419	mg/L	0.00489	2.02%
Tl 190.801†	911.0	0.2559	mg/L	0.00483	0.2559	mg/L	0.00483	1.89%
Se 196.026†	304.3	0.2426	mg/L	0.00300	0.2426	mg/L	0.00300	1.24%
Zn 206.200†	160538.6	2.530	mg/L	0.0396	2.530	mg/L	0.0396	1.57%
Sb 206.836†	1128.2	0.2559	mg/L	0.00078	0.2559	mg/L	0.00078	0.31%
Pb 220.353†	2312.2	0.2568	mg/L	0.00223	0.2568	mg/L	0.00223	0.87%
Cd 226.502†	19799.2	0.1240	mg/L	0.00147	0.1240	mg/L	0.00147	1.19%
Co 228.616†	96647.8	2.536	mg/L	0.0405	2.536	mg/L	0.0405	1.60%
Ni 232.003†	57248.3	2.464	mg/L	0.0358	2.464	mg/L	0.0358	1.45%
Ba 233.527†	1542405.6	10.22	mg/L	0.102	10.22	mg/L	0.102	1.00%
Mn 257.610†	2062918.3	2.523	mg/L	0.0261	2.523	mg/L	0.0261	1.04%

Cr 267.716†	144056.9	1.019 mg/L	0.0144	1.019 mg/L	0.0144	1.41%
Fe 273.955†	109208.8	5.004 mg/L	0.0745	5.004 mg/L	0.0745	1.49%
Mg 279.077†	450677.7	24.92 mg/L	0.260	24.92 mg/L	0.260	1.04%
V 292.402†	946710.1	2.481 mg/L	0.0223	2.481 mg/L	0.0223	0.90%
Al 308.215†	397009.6	9.602 mg/L	0.1064	9.602 mg/L	0.1064	1.11%
Be 313.107†	1240055.2	0.2490 mg/L	0.00167	0.2490 mg/L	0.00167	0.67%
Cu 324.752†	491766.8	1.230 mg/L	0.0125	1.230 mg/L	0.0125	1.02%
Ag 338.289†	268209.5	1.234 mg/L	0.0170	1.234 mg/L	0.0170	1.37%
Na 330.237†	38137.6	23.47 mg/L	0.393	23.47 mg/L	0.393	1.68%
Ca 227.546†	15424.8	23.61 mg/L	0.335	23.61 mg/L	0.335	1.42%
Al RADIAL†	20749.7	10.91 mg/L	0.110	10.91 mg/L	0.110	1.01%
Fe RADIAL†	627.2	5.086 mg/L	0.0861	5.086 mg/L	0.0861	1.69%
Ca RADIAL†	75955.3	25.69 mg/L	0.032	25.69 mg/L	0.032	0.12%
K RADIAL†	8625.4	5.160 mg/L	0.0324	5.160 mg/L	0.0324	0.63%
Mg RADIAL†	4189.9	25.94 mg/L	0.211	25.94 mg/L	0.211	0.81%
Na RADIAL†	518989.8	26.66 mg/L	0.034	26.66 mg/L	0.034	0.13%

Sequence No.: 45
Sample ID: CCB-4
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 4
Date Collected: 6/12/2012 8:47:34 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCB-4

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18512064.1	4.958	mg/L	0.0216				0.43%
Y RADIAL	301068.4	4.826	mg/L	0.0394				0.82%
As 188.979†	0.3	0.0001	mg/L	0.00217	0.0001	mg/L	0.00217	>999.9%
Tl 190.801†	-2.8	-0.0008	mg/L	0.00062	-0.0008	mg/L	0.00062	79.44%
Se 196.026†	2.5	0.0020	mg/L	0.00179	0.0020	mg/L	0.00179	91.34%
Zn 206.200†	12.4	0.0002	mg/L	0.00012	0.0002	mg/L	0.00012	63.70%
Sb 206.836†	2.5	0.0006	mg/L	0.00075	0.0006	mg/L	0.00075	131.16%
Pb 220.353†	11.2	0.0012	mg/L	0.00153	0.0012	mg/L	0.00153	122.96%
Cd 226.502†	13.4	0.0001	mg/L	0.00004	0.0001	mg/L	0.00004	45.35%
Co 228.616†	-2.8	-0.0001	mg/L	0.00025	-0.0001	mg/L	0.00025	335.25%
Ni 232.003†	-12.8	-0.0006	mg/L	0.00034	-0.0006	mg/L	0.00034	62.24%
Ba 233.527†	24.7	0.0002	mg/L	0.00007	0.0002	mg/L	0.00007	40.58%
Mn 257.610†	61.5	0.0001	mg/L	0.00002	0.0001	mg/L	0.00002	29.89%
Cr 267.716†	-4.1	0.0000	mg/L	0.00000	0.0000	mg/L	0.00000	3.64%
Fe 273.955†	40.0	0.0018	mg/L	0.00021	0.0018	mg/L	0.00021	11.47%
Mg 279.077†	117.6	0.0065	mg/L	0.00122	0.0065	mg/L	0.00122	18.80%
V 292.402†	21.6	0.0001	mg/L	0.00014	0.0001	mg/L	0.00014	249.61%
Al 308.215†	-85.6	-0.0021	mg/L	0.00125	-0.0021	mg/L	0.00125	60.13%
Be 313.107†	306.3	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	51.21%
Cu 324.752†	-6.5	0.0000	mg/L	0.00015	0.0000	mg/L	0.00015	878.38%
Ag 338.289†	59.2	0.0003	mg/L	0.00044	0.0003	mg/L	0.00044	161.75%
Na 330.237†	-77.6	-0.0475	mg/L	0.03805	-0.0475	mg/L	0.03805	80.05%
Ca 227.546†	21.1	0.0323	mg/L	0.02164	0.0323	mg/L	0.02164	66.93%
Al RADIAL†	3.8	0.0020	mg/L	0.00623	0.0020	mg/L	0.00623	310.40%
Fe RADIAL†	-0.3	-0.0026	mg/L	0.01100	-0.0026	mg/L	0.01100	418.78%
Ca RADIAL†	5.4	0.0018	mg/L	0.00340	0.0018	mg/L	0.00340	187.88%
K RADIAL†	13.2	0.0079	mg/L	0.02848	0.0079	mg/L	0.02848	359.91%
Mg RADIAL†	2.9	0.0178	mg/L	0.00398	0.0178	mg/L	0.00398	22.42%
Na RADIAL†	-6054.7	-0.3110	mg/L	0.00997	-0.3110	mg/L	0.00997	3.20%

Sequence No.: 46
Sample ID: BF20418-MS1
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 39
Date Collected: 6/12/2012 8:52:15 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: BF20418-MS1

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17883901.9	4.789	mg/L	0.0071				0.15%
Y RADIAL	300676.0	4.820	mg/L	0.0277				0.57%
As 188.979†	5212.3	2.051	mg/L	0.0072	2.051	mg/L	0.0072	0.35%

Tl 190.801†	7574.1	2.127 mg/L	0.0030	2.127 mg/L	0.0030	0.14%
Se 196.026†	2566.8	2.044 mg/L	0.0040	2.044 mg/L	0.0040	0.19%
Zn 206.200†	58612.0	0.9213 mg/L	0.00283	0.9213 mg/L	0.00283	0.31%
Sb 206.836†	1167.1	0.2644 mg/L	0.00149	0.2644 mg/L	0.00149	0.56%
Pb 220.353†	5050.0	0.5575 mg/L	0.00113	0.5575 mg/L	0.00113	0.20%
Cd 226.502†	9526.4	0.0527 mg/L	0.00006	0.0527 mg/L	0.00006	0.11%
Co 228.616†	21597.0	0.5667 mg/L	0.00052	0.5667 mg/L	0.00052	0.09%
Ni 232.003†	13324.4	0.5797 mg/L	0.00068	0.5797 mg/L	0.00068	0.12%
Ba 233.527†	338073.1	2.241 mg/L	0.0058	2.241 mg/L	0.0058	0.26%
Mn 257.610†	990448.8	1.214 mg/L	0.0050	1.214 mg/L	0.0050	0.41%
Cr 267.716†	34030.1	0.2406 mg/L	0.00121	0.2406 mg/L	0.00121	0.50%
Fe 273.955†	859792.4	39.39 mg/L	0.168	39.39 mg/L	0.168	0.43%
Mg 279.077†	127472.0	7.050 mg/L	0.0252	7.050 mg/L	0.0252	0.36%
V 292.402†	211844.9	0.5521 mg/L	0.00394	0.5521 mg/L	0.00394	0.71%
Al 308.215†	1276159.6	30.87 mg/L	0.182	30.87 mg/L	0.182	0.59%
Be 313.107†	233667.0	0.0469 mg/L	0.00038	0.0469 mg/L	0.00038	0.81%
Cu 324.752†	119240.2	0.2998 mg/L	0.00147	0.2998 mg/L	0.00147	0.49%
Ag 338.289†	9254.5	0.0426 mg/L	0.00020	0.0426 mg/L	0.00020	0.48%
Na 330.237†	-506.0	-0.1119 mg/L	0.02707	-0.1119 mg/L	0.02707	24.19%
Ca 227.546†	1649.7	2.724 mg/L	0.0359	2.724 mg/L	0.0359	1.32%
Al RADIAL†	62990.7	33.13 mg/L	0.189	33.13 mg/L	0.189	0.57%
Fe RADIAL†	4891.6	39.66 mg/L	0.515	39.66 mg/L	0.515	1.30%
Ca RADIAL†	8920.4	3.017 mg/L	0.0399	3.017 mg/L	0.0399	1.32%
K RADIAL†	3561.1	2.130 mg/L	0.0339	2.130 mg/L	0.0339	1.59%
Mg RADIAL†	1133.5	7.018 mg/L	0.0794	7.018 mg/L	0.0794	1.13%
Na RADIAL†	288.3	0.0148 mg/L	0.01539	0.0148 mg/L	0.01539	103.92%

Sequence No.: 47
Sample ID: 12F0362-01
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 40
Date Collected: 6/12/2012 9:00:17 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: 12F0362-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	15322122.8	4.103	mg/L	0.0250				0.61%
Y RADIAL	271588.2	4.354	mg/L	0.0171				0.39%
As 188.979†	193918.8	76.11	mg/L	0.167	76.11	mg/L	0.167	0.22%
Tl 190.801†	-47.4	0.0018	mg/L	0.00970	0.0018	mg/L	0.00970	539.57%
Se 196.026†	-179.1	-0.0156	mg/L	0.00867	-0.0156	mg/L	0.00867	55.71%
Zn 206.200†	30708.3	0.4739	mg/L	0.00141	0.4739	mg/L	0.00141	0.30%
Sb 206.836†	4651.0	1.054	mg/L	0.0088	1.054	mg/L	0.0088	0.83%
Pb 220.353†	2896.6	0.3188	mg/L	0.00422	0.3188	mg/L	0.00422	1.32%
Cd 226.502†	6292.8	0.0061	mg/L	0.00039	0.0061	mg/L	0.00039	6.36%
Co 228.616†	9891.0	0.2595	mg/L	0.00243	0.2595	mg/L	0.00243	0.94%
Ni 232.003†	51353.5	2.238	mg/L	0.0098	2.238	mg/L	0.0098	0.44%
Ba 233.527†	103616.2	0.6868	mg/L	0.00151	0.6868	mg/L	0.00151	0.22%
Mn 257.610†	2970352.1	3.642	mg/L	0.0145	3.642	mg/L	0.0145	0.40%
Cr 267.716†	6490168.4	45.89	mg/L	0.143	45.89	mg/L	0.143	0.31%
Fe 273.955†	3886610.1	178.1	mg/L	0.67	178.1	mg/L	0.67	0.37%
Mg 279.077†	750129.2	41.46	mg/L	0.130	41.46	mg/L	0.130	0.31%
V 292.402†	22665.1	0.0450	mg/L	0.00147	0.0450	mg/L	0.00147	3.26%
Al 308.215†	3335378.9	80.68	mg/L	0.315	80.68	mg/L	0.315	0.39%
Be 313.107†	-34108.0	-0.0068	mg/L	0.00006	-0.0068	mg/L	0.00006	0.93%
Cu 324.752†	16054790.3	40.16	mg/L	0.215	40.16	mg/L	0.215	0.53%
Ag 338.289†	-82983.6	-0.3939	mg/L	0.01079	-0.3939	mg/L	0.01079	2.74%
Na 330.237†	48582.8	32.61	mg/L	0.287	32.61	mg/L	0.287	0.88%
Ca 227.546†	748487.9	1145	mg/L	5.0	1145	mg/L	5.0	0.44%
Al RADIAL†	159248.8	83.75	mg/L	0.246	83.75	mg/L	0.246	0.29%
Fe RADIAL†	23801.3	193.0	mg/L	2.48	193.0	mg/L	2.48	1.28%
Ca RADIAL†	3307428.6	1119	mg/L	3.1	1119	mg/L	3.1	0.28%
K RADIAL†	70620.3	42.25	mg/L	0.053	42.25	mg/L	0.053	0.13%
Mg RADIAL†	7262.7	44.97	mg/L	0.619	44.97	mg/L	0.619	1.38%
Na RADIAL†	614435.1	31.56	mg/L	0.047	31.56	mg/L	0.047	0.15%

Sequence No.: 48
Sample ID: SD 1:5 S 12F0362-01
Analyst: MW

Autosampler Location: 41
Date Collected: 6/12/2012 9:07:36 PM
Data Type: Original

Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: SD 1:5 S 12F0362-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	17404558.1	4.661	mg/L	0.0237				0.51%
Y RADIAL	297040.9	4.762	mg/L	0.0534				1.12%
As 188.979†	39347.5	15.44	mg/L	0.077	15.44	mg/L	0.077	0.50%
Tl 190.801†	-7.3	0.0012	mg/L	0.00135	0.0012	mg/L	0.00135	114.69%
Se 196.026†	-30.6	0.0030	mg/L	0.00427	0.0030	mg/L	0.00427	144.06%
Zn 206.200†	6674.5	0.1031	mg/L	0.00214	0.1031	mg/L	0.00214	2.07%
Sb 206.836†	948.4	0.2150	mg/L	0.00207	0.2150	mg/L	0.00207	0.96%
Pb 220.353†	639.7	0.0699	mg/L	0.00069	0.0699	mg/L	0.00069	0.98%
Cd 226.502†	1270.9	0.0008	mg/L	0.00007	0.0008	mg/L	0.00007	8.70%
Co 228.616†	2118.7	0.0556	mg/L	0.00032	0.0556	mg/L	0.00032	0.57%
Ni 232.003†	10787.2	0.4704	mg/L	0.00154	0.4704	mg/L	0.00154	0.33%
Ba 233.527†	21625.2	0.1433	mg/L	0.00104	0.1433	mg/L	0.00104	0.73%
Mn 257.610†	619614.2	0.7598	mg/L	0.00560	0.7598	mg/L	0.00560	0.74%
Cr 267.716†	1371539.9	9.697	mg/L	0.0951	9.697	mg/L	0.0951	0.98%
Fe 273.955†	839266.2	38.45	mg/L	0.273	38.45	mg/L	0.273	0.71%
Mg 279.077†	164350.4	9.085	mg/L	0.0368	9.085	mg/L	0.0368	0.41%
V 292.402†	3907.9	0.0071	mg/L	0.00032	0.0071	mg/L	0.00032	4.53%
Al 308.215†	620778.5	15.02	mg/L	0.117	15.02	mg/L	0.117	0.78%
Be 313.107†	-7096.6	-0.0014	mg/L	0.00006	-0.0014	mg/L	0.00006	4.41%
Cu 324.752†	3205890.6	8.020	mg/L	0.0733	8.020	mg/L	0.0733	0.91%
Ag 338.289†	-17824.9	-0.0844	mg/L	0.01239	-0.0844	mg/L	0.01239	14.68%
Na 330.237†	7209.3	4.987	mg/L	0.0535	4.987	mg/L	0.0535	1.07%
Ca 227.546†	146002.4	223.4	mg/L	1.28	223.4	mg/L	1.28	0.57%
Al RADIAL†	30361.9	15.97	mg/L	0.193	15.97	mg/L	0.193	1.21%
Fe RADIAL†	4870.7	39.49	mg/L	0.238	39.49	mg/L	0.238	0.60%
Ca RADIAL†	676996.7	229.0	mg/L	0.28	229.0	mg/L	0.28	0.12%
K RADIAL†	13531.4	8.095	mg/L	0.0555	8.095	mg/L	0.0555	0.69%
Mg RADIAL†	1444.9	8.946	mg/L	0.1242	8.946	mg/L	0.1242	1.39%
Na RADIAL†	112020.5	5.754	mg/L	0.0347	5.754	mg/L	0.0347	0.60%

Sequence No.: 49 Autosampler Location: 42
Sample ID: SD 1:5 A 12F0116-01 Date Collected: 6/12/2012 9:15:43 PM
Analyst: MW Data Type: Original
Initial Sample Wt: Initial Sample Vol:
Dilution: Sample Prep Vol:

Mean Data: SD 1:5 A 12F0116-01

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18218555.3	4.879	mg/L	0.0278				0.57%
Y RADIAL	300070.0	4.810	mg/L	0.0359				0.75%
As 188.979†	13.7	0.0054	mg/L	0.00263	0.0054	mg/L	0.00263	48.48%
Tl 190.801†	2.8	0.0008	mg/L	0.00067	0.0008	mg/L	0.00067	84.41%
Se 196.026†	3.6	0.0030	mg/L	0.00135	0.0030	mg/L	0.00135	44.46%
Zn 206.200†	496.2	0.0078	mg/L	0.00005	0.0078	mg/L	0.00005	0.59%
Sb 206.836†	-2.5	-0.0006	mg/L	0.00058	-0.0006	mg/L	0.00058	104.37%
Pb 220.353†	3.7	0.0004	mg/L	0.00093	0.0004	mg/L	0.00093	235.85%
Cd 226.502†	33.4	0.0002	mg/L	0.00005	0.0002	mg/L	0.00005	31.32%
Co 228.616†	-2.4	-0.0001	mg/L	0.00010	-0.0001	mg/L	0.00010	159.04%
Ni 232.003†	-10.1	-0.0004	mg/L	0.00045	-0.0004	mg/L	0.00045	117.35%
Ba 233.527†	694.6	0.0046	mg/L	0.00006	0.0046	mg/L	0.00006	1.36%
Mn 257.610†	27243.1	0.0333	mg/L	0.00013	0.0333	mg/L	0.00013	0.39%
Cr 267.716†	64.1	0.0005	mg/L	0.00006	0.0005	mg/L	0.00006	12.75%
Fe 273.955†	6834.9	0.3132	mg/L	0.00351	0.3132	mg/L	0.00351	1.12%
Mg 279.077†	21122.9	1.168	mg/L	0.0099	1.168	mg/L	0.0099	0.85%
V 292.402†	111.2	0.0003	mg/L	0.00010	0.0003	mg/L	0.00010	37.64%
Al 308.215†	-298.1	-0.0072	mg/L	0.00237	-0.0072	mg/L	0.00237	32.79%
Be 313.107†	280.2	0.0001	mg/L	0.00003	0.0001	mg/L	0.00003	52.24%
Cu 324.752†	2366.1	0.0059	mg/L	0.00001	0.0059	mg/L	0.00001	0.24%
Ag 338.289†	-14.5	-0.0001	mg/L	0.00020	-0.0001	mg/L	0.00020	240.06%
Na 330.237†	5764.9	3.542	mg/L	0.0483	3.542	mg/L	0.0483	1.36%
Ca 227.546†	1111.1	1.700	mg/L	0.0208	1.700	mg/L	0.0208	1.22%
Al RADIAL†	-19.4	-0.0102	mg/L	0.00135	-0.0102	mg/L	0.00135	13.20%

Fe RADIAL†	36.9	0.2992 mg/L	0.02224	0.2992 mg/L	0.02224	7.43%
Ca RADIAL†	5445.1	1.842 mg/L	0.0158	1.842 mg/L	0.0158	0.86%
K RADIAL†	590.5	0.3533 mg/L	0.00625	0.3533 mg/L	0.00625	1.77%
Mg RADIAL†	183.6	1.137 mg/L	0.0081	1.137 mg/L	0.0081	0.71%
Na RADIAL†	90835.0	4.666 mg/L	0.0285	4.666 mg/L	0.0285	0.61%

Sequence No.: 50 **Autosampler Location: 5**
Sample ID: RL STD **Date Collected: 6/12/2012 9:20:23 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: RL STD

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18297784.4	4.900	mg/L	0.0396				0.81%
Y RADIAL	302080.9	4.842	mg/L	0.0678				1.40%
As 188.979†	34.1	0.0134	mg/L	0.00205	0.0134	mg/L	0.00205	15.32%
Tl 190.801†	35.7	0.0100	mg/L	0.00066	0.0100	mg/L	0.00066	6.65%
Se 196.026†	11.9	0.0094	mg/L	0.00114	0.0094	mg/L	0.00114	12.22%
Zn 206.200†	455.7	0.0072	mg/L	0.00020	0.0072	mg/L	0.00020	2.74%
Sb 206.836†	44.7	0.0102	mg/L	0.00098	0.0102	mg/L	0.00098	9.65%
Pb 220.353†	49.1	0.0054	mg/L	0.00061	0.0054	mg/L	0.00061	11.26%
Cd 226.502†	863.1	0.0054	mg/L	0.00004	0.0054	mg/L	0.00004	0.70%
Co 228.616†	189.9	0.0050	mg/L	0.00006	0.0050	mg/L	0.00006	1.17%
Ni 232.003†	92.1	0.0040	mg/L	0.00034	0.0040	mg/L	0.00034	8.54%
Ba 233.527†	1670.6	0.0111	mg/L	0.00007	0.0111	mg/L	0.00007	0.61%
Mn 257.610†	4514.2	0.0055	mg/L	0.00004	0.0055	mg/L	0.00004	0.64%
Cr 267.716†	808.9	0.0057	mg/L	0.00009	0.0057	mg/L	0.00009	1.54%
Fe 273.955†	171.8	0.0079	mg/L	0.00043	0.0079	mg/L	0.00043	5.47%
Mg 279.077†	52.5	0.0029	mg/L	0.00087	0.0029	mg/L	0.00087	29.82%
V 292.402†	1880.2	0.0049	mg/L	0.00005	0.0049	mg/L	0.00005	0.97%
Al 308.215†	452.4	0.0109	mg/L	0.00271	0.0109	mg/L	0.00271	24.79%
Be 313.107†	24374.2	0.0049	mg/L	0.00007	0.0049	mg/L	0.00007	1.34%
Cu 324.752†	3705.6	0.0093	mg/L	0.00006	0.0093	mg/L	0.00006	0.65%
Ag 338.289†	1024.4	0.0047	mg/L	0.00037	0.0047	mg/L	0.00037	7.80%
Na 330.237†	-55.1	-0.0337	mg/L	0.00715	-0.0337	mg/L	0.00715	21.19%
Ca 227.546†	9.7	0.0149	mg/L	0.00617	0.0149	mg/L	0.00617	41.31%
Al RADIAL†	31.6	0.0166	mg/L	0.00361	0.0166	mg/L	0.00361	21.70%
Fe RADIAL†	1.3	0.0105	mg/L	0.00894	0.0105	mg/L	0.00894	84.89%
Ca RADIAL†	14.7	0.0050	mg/L	0.00194	0.0050	mg/L	0.00194	39.06%
K RADIAL†	58.1	0.0348	mg/L	0.00886	0.0348	mg/L	0.00886	25.50%
Mg RADIAL†	1.1	0.0070	mg/L	0.00751	0.0070	mg/L	0.00751	107.01%
Na RADIAL†	-7134.9	-0.3665	mg/L	0.02380	-0.3665	mg/L	0.02380	6.49%

Sequence No.: 51 **Autosampler Location: 6**
Sample ID: ICS A **Date Collected: 6/12/2012 9:25:05 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: ICS A

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	15750191.7	4.218	mg/L	0.0267				0.63%
Y RADIAL	276032.7	4.425	mg/L	0.0310				0.70%
As 188.979†	-38.4	0.0111	mg/L	0.00030	0.0111	mg/L	0.00030	2.74%
Tl 190.801†	-68.8	0.0004	mg/L	0.00155	0.0004	mg/L	0.00155	366.65%
Se 196.026†	-209.3	-0.0396	mg/L	0.00686	-0.0396	mg/L	0.00686	17.34%
Zn 206.200†	1222.4	0.0009	mg/L	0.00033	0.0009	mg/L	0.00033	37.49%
Sb 206.836†	7.8	-0.0057	mg/L	0.00144	-0.0057	mg/L	0.00144	25.25%
Pb 220.353†	-324.0	-0.0059	mg/L	0.00163	-0.0059	mg/L	0.00163	27.70%
Cd 226.502†	5327.7	0.0001	mg/L	0.00016	0.0001	mg/L	0.00016	166.95%
Co 228.616†	-73.8	-0.0019	mg/L	0.00017	-0.0019	mg/L	0.00017	8.91%
Ni 232.003†	325.8	0.0431	mg/L	0.00309	0.0431	mg/L	0.00309	7.17%
Ba 233.527†	424.8	0.0028	mg/L	0.00005	0.0028	mg/L	0.00005	1.92%
Mn 257.610†	-9985.8	-0.0116	mg/L	0.00022	-0.0116	mg/L	0.00022	1.90%
Cr 267.716†	-1212.3	-0.0086	mg/L	0.00010	-0.0086	mg/L	0.00010	1.21%

Fe 273.955†	3878183.8	177.7	mg/L	2.11	177.7	mg/L	2.11	1.19%
Mg 279.077†	8789213.3	486.0	mg/L	5.93	486.0	mg/L	5.93	1.22%
V 292.402†	8497.8	0.0079	mg/L	0.00081	0.0079	mg/L	0.00081	10.23%
Al 308.215†	20658115.6	499.7	mg/L	0.87	499.7	mg/L	0.87	0.17%
Be 313.107†	-593.3	-0.0001	mg/L	0.00002	-0.0001	mg/L	0.00002	16.92%
Cu 324.752†	-2509.4	-0.0199	mg/L	0.00006	-0.0199	mg/L	0.00006	0.28%
Ag 338.289†	848.5	-0.0015	mg/L	0.00011	-0.0015	mg/L	0.00011	7.67%
Na 330.237†	-1877.2	0.6456	mg/L	0.01262	0.6456	mg/L	0.01262	1.95%
Ca 227.546†	335147.6	513.5	mg/L	4.02	513.5	mg/L	4.02	0.78%
Al RADIAL†	1054431.0	554.5	mg/L	3.19	554.5	mg/L	3.19	0.58%
Fe RADIAL†	23786.9	192.9	mg/L	0.79	192.9	mg/L	0.79	0.41%
Ca RADIAL†	1415723.8	478.9	mg/L	1.11	478.9	mg/L	1.11	0.23%
K RADIAL†	48.8	0.0292	mg/L	0.01393	0.0292	mg/L	0.01393	47.70%
Mg RADIAL†	80937.9	501.1	mg/L	2.60	501.1	mg/L	2.60	0.52%
Na RADIAL†	3345.1	0.1718	mg/L	0.01328	0.1718	mg/L	0.01328	7.73%

Sequence No.: 52
Sample ID: ICS AB
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 7
Date Collected: 6/12/2012 9:32:50 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: ICS AB

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	15540983.4	4.162	mg/L	0.0170				0.41%
Y RADIAL	272340.0	4.366	mg/L	0.0112				0.26%
As 188.979†	1326.9	0.5474	mg/L	0.00418	0.5474	mg/L	0.00418	0.76%
Tl 190.801†	1599.8	0.4686	mg/L	0.00350	0.4686	mg/L	0.00350	0.75%
Se 196.026†	466.0	0.4941	mg/L	0.01231	0.4941	mg/L	0.01231	2.49%
Zn 206.200†	58870.2	0.9092	mg/L	0.00340	0.9092	mg/L	0.00340	0.37%
Sb 206.836†	2377.1	0.5320	mg/L	0.01299	0.5320	mg/L	0.01299	2.44%
Pb 220.353†	8006.8	0.9172	mg/L	0.00384	0.9172	mg/L	0.00384	0.42%
Cd 226.502†	154831.3	0.9425	mg/L	0.00438	0.9425	mg/L	0.00438	0.46%
Co 228.616†	17378.0	0.4560	mg/L	0.00189	0.4560	mg/L	0.00189	0.41%
Ni 232.003†	24148.5	1.069	mg/L	0.0101	1.069	mg/L	0.0101	0.94%
Ba 233.527†	76582.1	0.5076	mg/L	0.00115	0.5076	mg/L	0.00115	0.23%
Mn 257.610†	382596.7	0.4690	mg/L	0.00180	0.4690	mg/L	0.00180	0.38%
Cr 267.716†	67125.5	0.4746	mg/L	0.00230	0.4746	mg/L	0.00230	0.48%
Fe 273.955†	3973359.2	182.1	mg/L	0.63	182.1	mg/L	0.63	0.35%
Mg 279.077†	8687869.7	480.4	mg/L	0.76	480.4	mg/L	0.76	0.16%
V 292.402†	191662.6	0.4876	mg/L	0.00341	0.4876	mg/L	0.00341	0.70%
Al 308.215†	20825367.7	503.7	mg/L	1.96	503.7	mg/L	1.96	0.39%
Be 313.107†	2456117.5	0.4932	mg/L	0.00399	0.4932	mg/L	0.00399	0.81%
Cu 324.752†	211192.0	0.5152	mg/L	0.00364	0.5152	mg/L	0.00364	0.71%
Ag 338.289†	240505.6	1.101	mg/L	0.0064	1.101	mg/L	0.0064	0.59%
Na 330.237†	-622.7	1.434	mg/L	0.0093	1.434	mg/L	0.0093	0.65%
Ca 227.546†	334282.2	512.2	mg/L	2.47	512.2	mg/L	2.47	0.48%
Al RADIAL†	1062065.7	558.5	mg/L	2.18	558.5	mg/L	2.18	0.39%
Fe RADIAL†	23937.7	194.1	mg/L	1.88	194.1	mg/L	1.88	0.97%
Ca RADIAL†	1425743.3	482.3	mg/L	0.88	482.3	mg/L	0.88	0.18%
K RADIAL†	39.5	0.0236	mg/L	0.02385	0.0236	mg/L	0.02385	100.98%
Mg RADIAL†	81506.5	504.6	mg/L	4.00	504.6	mg/L	4.00	0.79%
Na RADIAL†	3814.6	0.1959	mg/L	0.00429	0.1959	mg/L	0.00429	2.19%

Sequence No.: 53
Sample ID: CCV-5
Analyst: MW
Initial Sample Wt:
Dilution:

Autosampler Location: 3
Date Collected: 6/12/2012 9:40:32 PM
Data Type: Original
Initial Sample Vol:
Sample Prep Vol:

Mean Data: CCV-5

Analyte	Mean Corrected Intensity	Conc.	Calib. Units	Std.Dev.	Conc.	Sample Units	Std.Dev.	RSD
Y 371.029	18098655.0	4.847	mg/L	0.0303				0.63%
Y RADIAL	300440.1	4.816	mg/L	0.0357				0.74%
As 188.979†	629.4	0.2477	mg/L	0.00081	0.2477	mg/L	0.00081	0.33%
Tl 190.801†	905.9	0.2545	mg/L	0.00074	0.2545	mg/L	0.00074	0.29%

Se 196.026†	309.3	0.2466 mg/L	0.00306	0.2466 mg/L	0.00306	1.24%
Zn 206.200†	163088.7	2.570 mg/L	0.0196	2.570 mg/L	0.0196	0.76%
Sb 206.836†	1136.2	0.2577 mg/L	0.00322	0.2577 mg/L	0.00322	1.25%
Pb 220.353†	2334.8	0.2593 mg/L	0.00172	0.2593 mg/L	0.00172	0.66%
Cd 226.502†	20111.1	0.1259 mg/L	0.00051	0.1259 mg/L	0.00051	0.41%
Co 228.616†	97566.6	2.560 mg/L	0.0114	2.560 mg/L	0.0114	0.44%
Ni 232.003†	57985.9	2.495 mg/L	0.0060	2.495 mg/L	0.0060	0.24%
Ba 233.527†	1557471.8	10.32 mg/L	0.069	10.32 mg/L	0.069	0.67%
Mn 257.610†	2080889.7	2.545 mg/L	0.0177	2.545 mg/L	0.0177	0.69%
Cr 267.716†	145891.4	1.031 mg/L	0.0048	1.031 mg/L	0.0048	0.46%
Fe 273.955†	110567.8	5.066 mg/L	0.0270	5.066 mg/L	0.0270	0.53%
Mg 279.077†	455076.7	25.16 mg/L	0.167	25.16 mg/L	0.167	0.67%
V 292.402†	948775.8	2.487 mg/L	0.0110	2.487 mg/L	0.0110	0.44%
Al 308.215†	411415.9	9.951 mg/L	0.0311	9.951 mg/L	0.0311	0.31%
Be 313.107†	1241264.8	0.2492 mg/L	0.00154	0.2492 mg/L	0.00154	0.62%
Cu 324.752†	496690.1	1.242 mg/L	0.0024	1.242 mg/L	0.0024	0.19%
Ag 338.289†	272050.5	1.252 mg/L	0.0047	1.252 mg/L	0.0047	0.38%
Na 330.237†	38558.1	23.73 mg/L	0.180	23.73 mg/L	0.180	0.76%
Ca 227.546†	15469.3	23.68 mg/L	0.053	23.68 mg/L	0.053	0.22%
Al RADIAL†	20716.3	10.89 mg/L	0.136	10.89 mg/L	0.136	1.24%
Fe RADIAL†	624.0	5.059 mg/L	0.0623	5.059 mg/L	0.0623	1.23%
Ca RADIAL†	76213.6	25.78 mg/L	0.121	25.78 mg/L	0.121	0.47%
K RADIAL†	8635.9	5.167 mg/L	0.0268	5.167 mg/L	0.0268	0.52%
Mg RADIAL†	4181.7	25.89 mg/L	0.187	25.89 mg/L	0.187	0.72%
Na RADIAL†	516290.1	26.52 mg/L	0.092	26.52 mg/L	0.092	0.35%

Sequence No.: 54 **Autosampler Location: 4**
Sample ID: CCB-5 **Date Collected: 6/12/2012 9:48:46 PM**
Analyst: MW **Data Type: Original**
Initial Sample Wt: **Initial Sample Vol:**
Dilution: **Sample Prep Vol:**

Mean Data: CCB-5

Analyte	Mean Corrected Intensity	Calib. Conc.	Units	Std.Dev.	Sample Conc.	Units	Std.Dev.	RSD
Y 371.029	18363410.7	4.918	mg/L	0.0133				0.27%
Y RADIAL	305097.9	4.891	mg/L	0.0289				0.59%
As 188.979†	3.9	0.0015	mg/L	0.00239	0.0015	mg/L	0.00239	154.64%
Tl 190.801†	-1.0	-0.0003	mg/L	0.00105	-0.0003	mg/L	0.00105	385.06%
Se 196.026†	0.4	0.0003	mg/L	0.00340	0.0003	mg/L	0.00340	>999.9%
Zn 206.200†	0.9	0.0000	mg/L	0.00014	0.0000	mg/L	0.00014	910.20%
Sb 206.836†	8.2	0.0019	mg/L	0.00047	0.0019	mg/L	0.00047	25.35%
Pb 220.353†	13.5	0.0015	mg/L	0.00039	0.0015	mg/L	0.00039	25.88%
Cd 226.502†	6.4	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	60.13%
Co 228.616†	-10.9	-0.0003	mg/L	0.00017	-0.0003	mg/L	0.00017	58.93%
Ni 232.003†	-21.1	-0.0009	mg/L	0.00062	-0.0009	mg/L	0.00062	67.95%
Ba 233.527†	-7.1	0.0000	mg/L	0.00006	0.0000	mg/L	0.00006	122.30%
Mn 257.610†	6.9	0.0000	mg/L	0.00002	0.0000	mg/L	0.00002	223.64%
Cr 267.716†	-0.1	0.0000	mg/L	0.00005	0.0000	mg/L	0.00005	>999.9%
Fe 273.955†	35.3	0.0016	mg/L	0.00026	0.0016	mg/L	0.00026	16.16%
Mg 279.077†	16.7	0.0009	mg/L	0.00050	0.0009	mg/L	0.00050	53.67%
V 292.402†	-20.8	-0.0001	mg/L	0.00008	-0.0001	mg/L	0.00008	150.30%
Al 308.215†	-197.6	-0.0048	mg/L	0.00222	-0.0048	mg/L	0.00222	46.35%
Be 313.107†	244.9	0.0000	mg/L	0.00003	0.0000	mg/L	0.00003	63.05%
Cu 324.752†	708.4	0.0018	mg/L	0.00005	0.0018	mg/L	0.00005	2.72%
Ag 338.289†	-55.2	-0.0003	mg/L	0.00036	-0.0003	mg/L	0.00036	140.20%
Na 330.237†	-103.1	-0.0632	mg/L	0.03602	-0.0632	mg/L	0.03602	56.98%
Ca 227.546†	17.0	0.0261	mg/L	0.01292	0.0261	mg/L	0.01292	49.59%
Al RADIAL†	-4.6	-0.0024	mg/L	0.00251	-0.0024	mg/L	0.00251	103.39%
Fe RADIAL†	-1.3	-0.0106	mg/L	0.01289	-0.0106	mg/L	0.01289	121.10%
Ca RADIAL†	-39.6	-0.0134	mg/L	0.00338	-0.0134	mg/L	0.00338	25.28%
K RADIAL†	4.4	0.0026	mg/L	0.00740	0.0026	mg/L	0.00740	281.45%
Mg RADIAL†	2.2	0.0136	mg/L	0.01932	0.0136	mg/L	0.01932	141.73%
Na RADIAL†	-7660.3	-0.3935	mg/L	0.00411	-0.3935	mg/L	0.00411	1.04%

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water **(No Surrogate)**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0102-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0102-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0104-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0104-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water **(No Surrogate)**

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0104-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0104-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0106-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
2F0106-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water

(No Surrogate)

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0106-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0106-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0107-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0107-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0107-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0109-02	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0115-01	Iron by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0115-01	Iron, Dissolved by EPA 601	06/05/2012 14:3	MW	50	50					EPA 3010A	

PREPARATION BENCH SHEET

BF20112

York Analytical Laboratories, Inc.

Printed: 6/5/2012 3:22:10PM

Matrix: Water

(No Surrogate)

Lab Number	Analysis	Prepared	By	Initial (mL)	Final (mL)	Spike ID	Source ID	ul Spike	ul Surrogate	Preparation	Sample Comments
12F0115-02	Iron by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0115-02	Iron, Dissolved by EPA 601	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0116-01	Chromium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Zinc by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Thallium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Nickel by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Lead by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Iron, Dissolved by EPA 601	06/05/2012 14:3	MW	50	50					EPA 3010A	
12F0116-01	Copper by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Beryllium by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Antimony by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	Added for BatchQC in: BF20112
12F0116-01	Iron by EPA 200.7	06/05/2012 14:3	MW	50	50					EPA 3010A	
BF20112-BLK1	QC	06/05/2012 14:3	MW	50	50					EPA 3010A	
BF20112-DUP1	QC	06/05/2012 14:3	MW	50	50		12F0116-01			EPA 3010A	
BF20112-MS1	QC	06/05/2012 14:3	MW	50	50	Y12C034	12F0116-01	500		EPA 3010A	
BF20112-SRM1	QC	06/05/2012 14:3	MW	50	50	Y12D004		50000		EPA 3010A	

Batch Comments:

York Analytical Laboratories, Inc.
SDG: 12F0116
CLASS: WET
METHOD: SM 2540C

DATA PACKAGE COVER PAGE

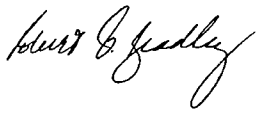
SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Client Sample Id:	Lab Sample Id:
WQ053012:1325NP2-10	12F0116-01

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in computer-readable data submitted on diskette has been autorized by the Laboratory Manager or the Manager's designee, as verified by the following signatures.

Signature:  Name: Robert Q. Bradley

Date: 6/11/2012 Title: Executive Vice President & Laboratory Director

METHOD DETECTION AND REPORTING LIMITS

SM 2540C

Laboratory: York Analytical Laboratories, Inc. **SDG:** 12F0116

Client: Leggette Brashears & Graham Shelton Office **Project:** Rowe Industries

Matrix: Water **Instrument:**

Analyte	MDL	MRL	Units
Total Dissolved Solids	1.00	1.00	mg/L

FORM I **INORGANIC ANALYSIS DATA SHEET**

SM 2540C

WQ053012:1325NP2-10

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Matrix: Water Laboratory ID: 12F0116-01 File ID:

Sampled: 05/30/12 13:25 Prepared: 06/06/12 10:30 Analyzed: 06/07/12 17:30

Solids: 0.00 Preparation: % Solids Prep Initial/Final: 1 mL / 1 mL

Batch: BF20135 Sequence: Calibration: Instrument: Inst

CAS NO.	Analyte	Concentration (mg/L)	Dilution Factor	Q	Method
	Total Dissolved Solids	132	1		SM 2540C

FORM IV **PREPARATION BATCH SUMMARY**

SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Batch: BF20135 Batch Matrix: Water Preparation: % Solids Prep

SAMPLE NAME	LAB SAMPLE ID	LAB FILE ID	DATE PREPARED	OBSERVATIONS
WQ053012:1325NP2-10	12F0116-01		06/06/12 10:30	
Blank	BF20135-BLK1		06/06/12 10:30	
WQ053012:1325NP2-10	BF20135-DUP1		06/06/12 10:30	

WQ053012:1325NP2-10

DUPLICATES

SM 2540C

Laboratory: York Analytical Laboratories, Inc.
SDG: 12F0116
Client: Leggette Brashears & Graham Shelton Office
Project: Rowe Industries
Matrix: Water
Laboratory ID: BF20135-DUP1
Batch: BF20135
Lab Source ID: 12F0116-01
Preparation: % Solids Prep
Initial/Final: 1 mL / 1 mL
Source Sample Name: WQ053012:1325NP2-10
% Solids:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/L)	C	DUPLICATE CONCENTRATION (mg/L)	C	RPD %	Q	METHOD
Total Dissolved Solids	15	132		129		2.30		SM 2540C

* Values outside of QC limits

FORM V **ANALYSIS BATCH (SEQUENCE) SUMMARY**

SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sequence: Instrument:

Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analysis Date/Time
WQ053012:1325NP2-10	12F0116-01		06/07/12 17:30
WQ053012:1325NP2-10	BF20135-DUP1		06/07/12 17:30
Blank	BF20135-BLK1		06/07/12 17:30

HOLDING TIME SUMMARY

SM 2540C

Laboratory: York Analytical Laboratories, Inc. SDG: 12F0116

Client: Leggette Brashears & Graham Shelton Office Project: Rowe Industries

Sample Name	Date Collected	Date Received	Date Prepared	Days to Prep	Max Days to Prep	Date Analyzed	Days to Analysis	Max Days to Analysis	Q
WQ053012:1325NP2-10	05/30/12 13:25	06/04/12 15:00	06/06/12 10:30	6.88	7.00	06/07/12 17:30	1.29	8.00	

APPENDIX II
MAY 2012 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 05/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0658

Report Date: 05/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0658

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 18, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0658-01	WQ051412:900NP1-1-2	Water	05/14/2012	05/18/2012
12E0658-02	WQ051712:1255NP1-1-3	Water	05/17/2012	05/18/2012
12E0658-03	WQ051712:1440NP1-1-4	Water	05/17/2012	05/18/2012
12E0658-04	WQ051712:1420NP1-1-5	Water	05/17/2012	05/18/2012
12E0658-05	WQ051712:1430NP1-1-6	Water	05/17/2012	05/18/2012
12E0658-06	WQ051712:1435NP1-1-7	Water	05/17/2012	05/18/2012
12E0658-07	WQ051712:1405NP1-1-8	Water	05/17/2012	05/18/2012
12E0658-08	WQ051712:1339NP1-1-9	Water	05/17/2012	05/18/2012

General Notes for York Project (SDG) No.: 12E0658

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:  **Date:** 05/25/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: **WQ051412:900NP1-1-2** **York Sample ID:** **12E0658-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 14, 2012 9:00 am	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
71-55-6	**1,1,1-Trichloroethane**	**0.27**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
67-64-1	**Acetone**	**1.4**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS

Sample Information

Client Sample ID: WQ051412:900NP1-1-2 **York Sample ID:** 12E0658-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 14, 2012 9:00 am	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
67-66-3	**Chloroform**	**0.17**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-09-2	**Methylene chloride**	**2.8**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
91-20-3	**Naphthalene**	**0.27**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
127-18-4	**Tetrachloroethylene**	**0.57**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
79-01-6	**Trichloroethylene**	**0.19**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 02:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051712:1255NP1-1-3 **York Sample ID:** 12E0658-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 12:55 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
71-55-6	**1,1,1-Trichloroethane**	**0.18**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
67-64-1	Acetone	ND		ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS

Sample Information

Client Sample ID: WQ051712:1255NP1-1-3 **York Sample ID:** 12E0658-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 12:55 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.27**	J	ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-09-2	**Methylene chloride**	**2.5**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
91-20-3	**Naphthalene**	**0.18**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
127-18-4	**Tetrachloroethylene**	**0.64**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
79-01-6	**Trichloroethylene**	**0.53**		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 03:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.9 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*98.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051712:1440NP1-1-4 **York Sample ID:** 12E0658-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:40 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
71-55-6	**1,1,1-Trichloroethane**	**0.44**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-34-3	**1,1-Dichloroethane**	**0.16**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
67-64-1	**Acetone**	**5.4**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS

Sample Information

Client Sample ID: WQ051712:1440NP1-1-4 **York Sample ID:** 12E0658-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:40 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.18**	J	ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-09-2	Methylene chloride	ND		ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
91-20-3	**Naphthalene**	**0.12**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
127-18-4	**Tetrachloroethylene**	**1.8**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
79-01-6	**Trichloroethylene**	**0.30**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 04:14	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.7 %*	*81.2-127*

Sample Information

Client Sample ID: **WQ051712:1420NP1-1-5** **York Sample ID:** **12E0658-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:20 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
71-55-6	**1,1,1-Trichloroethane**	**0.49**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-34-3	**1,1-Dichloroethane**	**0.38**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
67-64-1	**Acetone**	**1.5**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS

Sample Information

Client Sample ID: **WQ051712:1420NP1-1-5** **York Sample ID:** **12E0658-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:20 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
67-66-3	**Chloroform**	**0.53**		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-09-2	**Methylene chloride**	**2.7**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
127-18-4	**Tetrachloroethylene**	**0.17**	J	ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.6 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.9 %*	*81.2-127*

Sample Information

Client Sample ID: **WQ051712:1430NP1-1-6** **York Sample ID:** **12E0658-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:30 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
71-55-6	**1,1,1-Trichloroethane**	**2.1**		ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-34-3	**1,1-Dichloroethane**	**0.58**		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-35-4	**1,1-Dichloroethylene**	**0.14**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
67-64-1	**Acetone**	**1.3**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS

Sample Information

Client Sample ID: **WQ051712:1430NP1-1-6** **York Sample ID:** **12E0658-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:30 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
67-66-3	**Chloroform**	**0.31**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-09-2	**Methylene chloride**	**2.8**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
127-18-4	**Tetrachloroethylene**	**2.9**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
79-01-6	**Trichloroethylene**	**0.13**	J	ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 05:55	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*110 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.6 %*	*81.2-127*

Sample Information

Client Sample ID: **WQ051712:1435NP1-1-7** **York Sample ID:** **12E0658-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:35 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
71-55-6	**1,1,1-Trichloroethane**	**0.19**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-34-3	**1,1-Dichloroethane**	**0.14**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
67-64-1	**Acetone**	**1.6**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS

Sample Information

Client Sample ID: **WQ051712:1435NP1-1-7** **York Sample ID:** **12E0658-06**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:35 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
67-66-3	**Chloroform**	**0.21**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-09-2	**Methylene chloride**	**3.0**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
127-18-4	**Tetrachloroethylene**	**0.90**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 06:47	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*111 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*86.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.3 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051712:1405NP1-1-8 **York Sample ID:** 12E0658-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:05 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
67-64-1	**Acetone**	**9.9**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS

Sample Information

Client Sample ID: WQ051712:1405NP1-1-8 **York Sample ID:** 12E0658-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 2:05 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
100-41-4	**Ethyl Benzene**	**0.29**	J	ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-09-2	**Methylene chloride**	**2.4**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
91-20-3	Naphthalene	ND		ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
95-47-6	**o-Xylene**	**0.41**	J	ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
1330-20-7P/M	**p- & m- Xylenes**	**0.99**	J	ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
108-88-3	**Toluene**	**0.94**		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS
1330-20-7	**Xylenes, Total**	**1.4**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 07:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*95.3 %*	*81.2-127*

Sample Information

Client Sample ID: WQ051712:1339NP1-1-9 **York Sample ID:** 12E0658-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 1:39 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
67-64-1	**Acetone**	**7.3**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS

Sample Information

Client Sample ID: WQ051712:1339NP1-1-9 **York Sample ID:** 12E0658-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0658	Rowe Industries	Water	May 17, 2012 1:39 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
100-41-4	**Ethyl Benzene**	**0.17**	J	ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-09-2	**Methylene chloride**	**2.3**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
91-20-3	**Naphthalene**	**0.27**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
95-47-6	**o-Xylene**	**0.19**	J	ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
1330-20-7P/M	**p- & m- Xylenes**	**0.57**	J	ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
108-88-3	**Toluene**	**0.75**		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
79-01-6	Trichloroethylene	ND		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS
1330-20-7	**Xylenes, Total**	**0.76**	J	ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:03	05/22/2012 08:25	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.8 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*96.9 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BE20838 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0658-01	WQ051412:900NP1-1-2	05/21/12
12E0658-02	WQ051712:1255NP1-1-3	05/21/12
12E0658-03	WQ051712:1440NP1-1-4	05/21/12
12E0658-04	WQ051712:1420NP1-1-5	05/21/12
12E0658-05	WQ051712:1430NP1-1-6	05/21/12
12E0658-06	WQ051712:1435NP1-1-7	05/21/12
12E0658-07	WQ051712:1405NP1-1-8	05/21/12
12E0658-08	WQ051712:1339NP1-1-9	05/21/12
BE20838-BLK1	Blank	05/21/12
BE20838-BS1	LCS	05/21/12
BE20838-BSD1	LCS Dup	05/21/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20838 - EPA 5030B											
Blank (BE20838-BLK1)											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.75	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	15	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	6.1	2.0	"								
Naphthalene	2.5	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Prepared: 05/21/2012 Analyzed: 05/22/2012

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20838 - EPA 5030B											
Blank (BE20838-BLK1)								Prepared: 05/21/2012 Analyzed: 05/22/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.26*		*"*	*10.0*		*92.6*	*63.5-145*				
Surrogate: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81.2-127*				
LCS (BE20838-BS1)								Prepared: 05/21/2012 Analyzed: 05/22/2012			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82.3-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	75.6-137				
1,1,2,2-Tetrachloroethane	8.70		"	10.0		87.0	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	71.1-129				
1,1,2-Trichloroethane	9.86		"	10.0		98.6	74.5-129				
1,1-Dichloroethane	10.7		"	10.0		107	79.6-132				
1,1-Dichloroethylene	10.5		"	10.0		105	80.2-146				
1,1-Dichloropropylene	11.5		"	10.0		115	75-136				
1,2,3-Trichlorobenzene	10.4		"	10.0		104	66.1-136				
1,2,3-Trichloropropane	8.62		"	10.0		86.2	63-131				
1,2,4-Trichlorobenzene	10.1		"	10.0		101	70.6-136				
1,2,4-Trimethylbenzene	9.37		"	10.0		93.7	75.3-135				
1,2-Dibromo-3-chloropropane	9.18		"	10.0		91.8	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	9.15		"	10.0		91.5	76.1-122				
1,2-Dichloroethane	10.9		"	10.0		109	74.6-132				
1,2-Dichloropropane	9.75		"	10.0		97.5	76.9-129				
1,3,5-Trimethylbenzene	9.00		"	10.0		90.0	70.6-127				
1,3-Dichlorobenzene	8.97		"	10.0		89.7	77-124				
1,3-Dichloropropane	9.84		"	10.0		98.4	75.8-126				
1,4-Dichlorobenzene	9.16		"	10.0		91.6	76.6-125				
2,2-Dichloropropane	10.2		"	10.0		102	69-133				
2-Chlorotoluene	8.16		"	10.0		81.6	66.3-119				
2-Hexanone	10.6		"	10.0		106	70-130				
4-Chlorotoluene	8.47		"	10.0		84.7	69.2-127				
Acetone	17.8		"	10.0		178	70-130	High Bias			
Benzene	10.5		"	10.0		105	76.2-129				
Bromobenzene	8.31		"	10.0		83.1	71.3-123				
Bromochloromethane	10.4		"	10.0		104	70.8-137				
Bromodichloromethane	10.8		"	10.0		108	79.7-134				
Bromoform	9.61		"	10.0		96.1	70.5-141				
Bromomethane	9.67		"	10.0		96.7	43.9-147				
Carbon tetrachloride	12.8		"	10.0		128	78.1-138				
Chlorobenzene	9.86		"	10.0		98.6	80.4-125				
Chloroethane	9.39		"	10.0		93.9	55.8-140				
Chloroform	10.6		"	10.0		106	76.6-133				
Chloromethane	9.50		"	10.0		95.0	48.8-115				
cis-1,2-Dichloroethylene	10.5		"	10.0		105	75.1-128				
cis-1,3-Dichloropropylene	9.58		"	10.0		95.8	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20838 - EPA 5030B											
LCS (BE20838-BS1)									Prepared: 05/21/2012 Analyzed: 05/22/2012		
Dibromochloromethane	11.3		ug/L	10.0		113	79.8-134				
Dibromomethane	9.80		"	10.0		98.0	79-130				
Dichlorodifluoromethane	6.84		"	10.0		68.4	47.1-101				
Ethyl Benzene	10.6		"	10.0		106	80.8-128				
Hexachlorobutadiene	10.2		"	10.0		102	64.8-128				
Isopropylbenzene	9.27		"	10.0		92.7	75.5-135				
Methyl tert-butyl ether (MTBE)	12.4		"	10.0		124	65.1-140				
Methylene chloride	10.9		"	10.0		109	61.3-120				
Naphthalene	11.3		"	10.0		113	62.3-148				
n-Butylbenzene	8.70		"	10.0		87.0	67.2-123				
n-Propylbenzene	8.58		"	10.0		85.8	70.5-127				
o-Xylene	9.82		"	10.0		98.2	75.9-122				
p- & m- Xylenes	19.9		"	20.0		99.4	77.7-127				
p-Isopropyltoluene	9.15		"	10.0		91.5	75.6-129				
sec-Butylbenzene	8.81		"	10.0		88.1	71.5-125				
Styrene	10.2		"	10.0		102	77.8-123				
tert-Butylbenzene	9.71		"	10.0		97.1	75.9-151				
Tetrachloroethylene	10.2		"	10.0		102	63.6-167				
Toluene	9.91		"	10.0		99.1	77-123				
trans-1,2-Dichloroethylene	10.7		"	10.0		107	76.3-139				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	72.5-137				
Trichloroethylene	10.2		"	10.0		102	77.9-130				
Trichlorofluoromethane	9.57		"	10.0		95.7	57.4-133				
Vinyl Chloride	8.94		"	10.0		89.4	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.31*		*"*	*10.0*		*93.1*	*63.5-145*				
Surrogate: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Batch BE20838 - EPA 5030B

LCS Dup (BE20838-BSD1) Prepared: 05/21/2012 Analyzed: 05/22/2012

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1,1,2-Tetrachloroethane	10.3		ug/L	10.0		103	82.3-130		1.73	21.1	
1,1,1-Trichloroethane	10.1		"	10.0		101	75.6-137		4.84	19.7	
1,1,2,2-Tetrachloroethane	9.30		"	10.0		93.0	71.3-131		6.67	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.51		"	10.0		95.1	71.1-129		6.51	21.7	
1,1,2-Trichloroethane	10.2		"	10.0		102	74.5-129		3.49	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		3.62	20.6	
1,1-Dichloroethylene	10.0		"	10.0		100	80.2-146		5.06	20	
1,1-Dichloropropylene	12.4		"	10.0		124	75-136		7.28	19.3	
1,2,3-Trichlorobenzene	10.6		"	10.0		106	66.1-136		2.47	21.6	
1,2,3-Trichloropropane	9.42		"	10.0		94.2	63-131		8.87	23.9	
1,2,4-Trichlorobenzene	10.4		"	10.0		104	70.6-136		2.84	21.7	
1,2,4-Trimethylbenzene	9.28		"	10.0		92.8	75.3-135		0.965	18.8	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	58.9-140		9.94	27.7	
1,2-Dibromoethane	10.2		"	10.0		102	79-130		1.94	23	
1,2-Dichlorobenzene	9.20		"	10.0		92.0	76.1-122		0.545	19.8	
1,2-Dichloroethane	10.6		"	10.0		106	74.6-132		3.25	20.2	
1,2-Dichloropropane	9.77		"	10.0		97.7	76.9-129		0.205	20.7	
1,3,5-Trimethylbenzene	9.15		"	10.0		91.5	70.6-127		1.65	18.9	
1,3-Dichlorobenzene	9.10		"	10.0		91.0	77-124		1.44	19.2	
1,3-Dichloropropane	9.93		"	10.0		99.3	75.8-126		0.910	22.1	
1,4-Dichlorobenzene	9.33		"	10.0		93.3	76.6-125		1.84	18.6	
2,2-Dichloropropane	9.78		"	10.0		97.8	69-133		4.69	19.8	
2-Chlorotoluene	8.44		"	10.0		84.4	66.3-119		3.37	21.6	
2-Hexanone	11.1		"	10.0		111	70-130		4.43	30	
4-Chlorotoluene	8.89		"	10.0		88.9	69.2-127		4.84	19	
Acetone	17.8		"	10.0		178	70-130	High Bias	0.281	30	
Benzene	10.3		"	10.0		103	76.2-129		1.44	19	
Bromobenzene	8.69		"	10.0		86.9	71.3-123		4.47	20.3	
Bromochloromethane	10.3		"	10.0		103	70.8-137		1.45	23.9	
Bromodichloromethane	10.9		"	10.0		109	79.7-134		1.02	21	
Bromoform	10.3		"	10.0		103	70.5-141		6.83	21.8	
Bromomethane	9.94		"	10.0		99.4	43.9-147		2.75	28.4	
Carbon tetrachloride	12.8		"	10.0		128	78.1-138		0.390	20.1	
Chlorobenzene	9.85		"	10.0		98.5	80.4-125		0.101	19.9	
Chloroethane	9.00		"	10.0		90.0	55.8-140		4.24	23.3	
Chloroform	10.3		"	10.0		103	76.6-133		2.58	20.3	
Chloromethane	9.20		"	10.0		92.0	48.8-115		3.21	24.5	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	75.1-128		4.87	20.5	
cis-1,3-Dichloropropylene	9.68		"	10.0		96.8	74.5-128		1.04	19.9	
Dibromochloromethane	11.1		"	10.0		111	79.8-134		1.78	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		5.07	22.4	
Dichlorodifluoromethane	6.35		"	10.0		63.5	47.1-101		7.43	23.9	
Ethyl Benzene	10.5		"	10.0		105	80.8-128		1.42	19.2	
Hexachlorobutadiene	9.52		"	10.0		95.2	64.8-128		7.38	20.6	
Isopropylbenzene	9.20		"	10.0		92.0	75.5-135		0.758	20	
Methyl tert-butyl ether (MTBE)	11.9		"	10.0		119	65.1-140		3.87	23.6	
Methylene chloride	10.3		"	10.0		103	61.3-120		5.38	20.4	
Naphthalene	12.4		"	10.0		124	62.3-148		9.52	27.1	
n-Butylbenzene	8.77		"	10.0		87.7	67.2-123		0.801	19.1	
n-Propylbenzene	8.65		"	10.0		86.5	70.5-127		0.813	23.4	
o-Xylene	9.70		"	10.0		97.0	75.9-122		1.23	19.3	
p- & m- Xylenes	20.0		"	20.0		100	77.7-127		0.702	18.6	
p-Isopropyltoluene	9.07		"	10.0		90.7	75.6-129		0.878	19.1	
sec-Butylbenzene	8.72		"	10.0		87.2	71.5-125		1.03	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20838 - EPA 5030B											
LCS Dup (BE20838-BSD1)									Prepared: 05/21/2012 Analyzed: 05/22/2012		
Styrene	10.2		ug/L	10.0		102	77.8-123		0.0977	20.9	
tert-Butylbenzene	9.78		"	10.0		97.8	75.9-151		0.718	20.9	
Tetrachloroethylene	9.59		"	10.0		95.9	63.6-167		6.56	27.7	
Toluene	9.81		"	10.0		98.1	77-123		1.01	18.7	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139		5.75	19.5	
trans-1,3-Dichloropropylene	10.6		"	10.0		106	72.5-137		4.45	19.3	
Trichloroethylene	9.74		"	10.0		97.4	77.9-130		4.42	20.5	
Trichlorofluoromethane	9.18		"	10.0		91.8	57.4-133		4.16	21.4	
Vinyl Chloride	8.80		"	10.0		88.0	54.9-124		1.58	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.28*		*"*	*10.0*		*92.8*	*63.5-145*				
Surrogate: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81.2-127*				

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DR. STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 12E0658

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301
Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sander
E-Mail Address: TSander@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
NABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- CTRCP DQA/DUE Pkg ___
- NY ASP A Package ___
- NY ASP B Package X, pdf
- NJDEP Red. Deliv. ___

Electronic Data Deliverables (EDD)
- Simple Excel X
- NYSDEC EQuIS ___
- EQuIS (std) ___
- EZ-EDD (EQuIS) ___
- NJDEP SRP HazSite EDD ___
- GIS/KEY (std) ___
- Other ___
- York Regulatory Comparison
- Excel Spreadsheet

Compare to the following Regs. (please fill in):

Print Clearly and Legibly. All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)
STEPHEN HNAT
Name (printed)

Matrix Codes
S - soil
Other - specify(oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Misc.
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity
624	Site Spec.	STARS list	8081Pest	PP13 list	TPH DRO	TCL Organics	Reactivity
STARS list	Nassau Co.	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability
BTEX	Suffolk Co.	Acids Only	CT RCP	CT15 list	NY 310-13	Full TCLP	Flash Point
MTBE	Ketones	PAH list	App. IX	TAGM list	TPH 1664	Full App. IX	Sieve Anal.
TCL list	Oxygenates	TAGM list	Site Spec.	NJDEP list	Air TO14A	Part360-Routine	Heterotrophs
TAGM list	TCLP list	CT RCP list	SPLP or TCLP	Total	Air TO15	Part360-Baseline	TOX
CT RCP list	524.2	TCL list	TCLP Pest	Dissolved	Air STARS	Part360-Expanded	BTU/lb.
Arom. only	502.2	NJDEP list	TCLP Herb	SPLP or TCLP	Air VPH	Part360-Expanded w/ Lists	Aquatic Tox.
Halog.only	NJDEP list	App. IX	Chlordane	Indiv. Metals	Air TICs	NYCDEP Sewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDEC Sewer	Asbestos
8021B list		SPLP or TCLP	608 PCB		Helium	TAGM	Silica

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ05M12:9[illegible]MP1-1-2	5-14-12 900	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	2 40-ml HCl pres Voa
WQ51712:1255MP1-1-3	5-17-12 1255			
WQ51712:1440MP1-1-4	1440			
WQ51712:1420MP1-1-5	1420			
WQ51712:1430MP1-1-6	1430			
WQ51712:1435MP1-1-7	1435			
WQ51712:1405MP1-1-8	1405			
WQ51712:1339MP1-1-9	1339			

Comments

Preservation Check those Applicable
4°C ___ Frozen ___ HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Samples Relinquished By — Date/Time: 5/18/12 1402
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time: 5-18-12 1356
Samples Received in LAB by — Date/Time:

Temperature on Receipt 5.0 °C

(RW & FAW)

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 05/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0659

Report Date: 05/25/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0659

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 18, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0659-01	WQ51712:1450FRW1	Water	05/17/2012	05/18/2012
12E0659-02	WQ51712:1455FRW2	Water	05/17/2012	05/18/2012
12E0659-03	WQ51712:1500FRW3	Water	05/17/2012	05/18/2012
12E0659-04	WQ51712:1505FRW4	Water	05/17/2012	05/18/2012

General Notes for York Project (SDG) No.: 12E0659

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:  **Date:** 05/25/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: WQ51712:1450FRW1 **York Sample ID:** 12E0659-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 2:50 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
71-55-6	**1,1,1-Trichloroethane**	**7.1**		ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-34-3	**1,1-Dichloroethane**	**1.2**		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-35-4	**1,1-Dichloroethylene**	**0.26**	J	ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
67-64-1	**Acetone**	**2.7**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS

Sample Information

Client Sample ID: WQ51712:1450FRW1 **York Sample ID:** 12E0659-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 2:50 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
156-59-2	**cis-1,2-Dichloroethylene**	**170**		ug/L	0.30	5.0	10	EPA SW846-8260B	05/21/2012 17:10	05/23/2012 03:16	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-09-2	**Methylene chloride**	**2.6**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
91-20-3	**Naphthalene**	**0.19**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
127-18-4	**Tetrachloroethylene**	**290**		ug/L	0.54	5.0	10	EPA SW846-8260B	05/21/2012 17:10	05/23/2012 03:16	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
156-60-5	**trans-1,2-Dichloroethylene**	**0.25**	J	ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
79-01-6	**Trichloroethylene**	**14**		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
75-01-4	**Vinyl Chloride**	**0.54**		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 02:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.7 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Sample Information

Client Sample ID: WQ51712:1455FRW2 **York Sample ID:** 12E0659-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 2:55 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
71-55-6	**1,1,1-Trichloroethane**	**0.25**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
67-64-1	**Acetone**	**2.4**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
71-43-2	**Benzene**	**0.12**	J	ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS

Sample Information

Client Sample ID: WQ51712:1455FRW2 **York Sample ID:** 12E0659-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 2:55 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
67-66-3	**Chloroform**	**0.12**	J	ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
156-59-2	**cis-1,2-Dichloroethylene**	**76**		ug/L	0.75	12	25	EPA SW846-8260B	05/21/2012 17:10	05/23/2012 04:08	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
100-41-4	**Ethyl Benzene**	**0.14**	J	ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-09-2	**Methylene chloride**	**2.6**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
91-20-3	**Naphthalene**	**0.14**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
127-18-4	**Tetrachloroethylene**	**24**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
79-01-6	**Trichloroethylene**	**4.5**		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
75-01-4	**Vinyl Chloride**	**0.42**	J	ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 03:50	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*89.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*99.1 %*	*81.2-127*

Sample Information

Client Sample ID: WQ51712:1500FRW3 **York Sample ID:** 12E0659-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 3:00 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
71-55-6	**1,1,1-Trichloroethane**	**0.18**	J	ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-34-3	**1,1-Dichloroethane**	**0.20**	J	ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
67-64-1	**Acetone**	**2.6**	B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS

Sample Information

Client Sample ID: WQ51712:1500FRW3 **York Sample ID:** 12E0659-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 3:00 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
156-59-2	**cis-1,2-Dichloroethylene**	**31**		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
100-41-4	**Ethyl Benzene**	**0.11**	J	ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
98-82-8	**Isopropylbenzene**	**1.6**		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-09-2	**Methylene chloride**	**2.8**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
91-20-3	**Naphthalene**	**0.14**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
103-65-1	**n-Propylbenzene**	**1.2**		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
1330-20-7P/M	**p- & m- Xylenes**	**0.11**	J	ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
99-87-6	**p-Isopropyltoluene**	**0.14**	J	ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
135-98-8	**sec-Butylbenzene**	**0.10**	J	ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
127-18-4	**Tetrachloroethylene**	**31**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
108-88-3	**Toluene**	**0.21**	J	ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
79-01-6	**Trichloroethylene**	**5.5**		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
75-01-4	**Vinyl Chloride**	**1.3**		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 04:38	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*105 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*85.0 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*104 %*	*81.2-127*

Sample Information

Client Sample ID: WQ51712:1505FRW4 **York Sample ID:** 12E0659-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 3:05 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.043	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.078	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.056	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.077	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.082	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.26	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.067	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.48	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.096	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.065	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.069	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.038	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.050	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.074	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.037	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
591-78-6	2-Hexanone	ND		ug/L	0.089	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.057	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
67-64-1	**Acetone**	**1.6**	J, B	ug/L	1.1	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
71-43-2	Benzene	ND		ug/L	0.039	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
108-86-1	Bromobenzene	ND		ug/L	0.079	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
74-97-5	Bromochloromethane	ND		ug/L	0.092	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-25-2	Bromoform	ND		ug/L	0.10	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
74-83-9	Bromomethane	ND		ug/L	0.19	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
108-90-7	Chlorobenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS

Sample Information

Client Sample ID: **WQ51712:1505FRW4** **York Sample ID:** **12E0659-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0659	Rowe Industries	Water	May 17, 2012 3:05 pm	05/18/2012

Volatile Organics, 8260 List - Low Level

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-00-3	Chloroethane	ND		ug/L	0.094	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
67-66-3	Chloroform	ND		ug/L	0.051	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
74-87-3	Chloromethane	ND		ug/L	0.045	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
156-59-2	**cis-1,2-Dichloroethylene**	**11**		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.040	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
74-95-3	Dibromomethane	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.12	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.036	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.052	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.090	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.081	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-09-2	**Methylene chloride**	**2.4**	B	ug/L	0.12	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
91-20-3	**Naphthalene**	**0.12**	J, B	ug/L	0.040	2.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.028	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.075	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
95-47-6	o-Xylene	ND		ug/L	0.031	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
1330-20-7P/M	p- & m- Xylenes	ND		ug/L	0.086	1.0	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.072	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.066	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
100-42-5	Styrene	ND		ug/L	0.030	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.046	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
127-18-4	**Tetrachloroethylene**	**10**		ug/L	0.054	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
108-88-3	Toluene	ND		ug/L	0.063	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.055	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.044	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
79-01-6	**Trichloroethylene**	**0.88**		ug/L	0.067	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.035	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.060	0.50	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS
1330-20-7	Xylenes, Total	ND		ug/L	0.12	1.5	1	EPA SW846-8260B	05/21/2012 17:10	05/22/2012 05:31	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*92.5 %*	*72.6-129*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*87.3 %*	*63.5-145*
2037-26-5	*Surrogate: Toluene-d8*	*120 %*	*81.2-127*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BE20839 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0659-03	WQ51712:1500FRW3	05/21/12
12E0659-04	WQ51712:1505FRW4	05/21/12
BE20839-BLK1	Blank	05/21/12
BE20839-BS1	LCS	05/21/12
BE20839-BSD1	LCS Dup	05/21/12

Batch ID: BE20895 **Preparation Method:** EPA 5030B **Prepared By:** AY

YORK Sample ID	Client Sample ID	Preparation Date
12E0659-01	WQ51712:1450FRW1	05/21/12
12E0659-02	WQ51712:1455FRW2	05/21/12
BE20895-BLK1	Blank	05/22/12
BE20895-BS1	LCS	05/22/12
BE20895-BSD1	LCS Dup	05/22/12

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
Blank (BE20839-BLK1)											
Prepared: 05/21/2012 Analyzed: 05/22/2012											
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	19	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	6.3	2.0	"								
Naphthalene	0.63	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
Blank (BE20839-BLK1)								Prepared: 05/21/2012 Analyzed: 05/22/2012			
Styrene	ND	0.50	ug/L								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.32*		*"*	*10.0*		*93.2*	*63.5-145*				
Surrogate: Toluene-d8	*9.94*		*"*	*10.0*		*99.4*	*81.2-127*				
LCS (BE20839-BS1)								Prepared: 05/21/2012 Analyzed: 05/22/2012			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82.3-130				
1,1,1-Trichloroethane	9.98		"	10.0		99.8	75.6-137				
1,1,2,2-Tetrachloroethane	8.27		"	10.0		82.7	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.09		"	10.0		90.9	71.1-129				
1,1,2-Trichloroethane	9.74		"	10.0		97.4	74.5-129				
1,1-Dichloroethane	9.92		"	10.0		99.2	79.6-132				
1,1-Dichloroethylene	9.35		"	10.0		93.5	80.2-146				
1,1-Dichloropropylene	6.99		"	10.0		69.9	75-136	Low Bias			
1,2,3-Trichlorobenzene	10.2		"	10.0		102	66.1-136				
1,2,3-Trichloropropane	9.49		"	10.0		94.9	63-131				
1,2,4-Trichlorobenzene	9.92		"	10.0		99.2	70.6-136				
1,2,4-Trimethylbenzene	9.12		"	10.0		91.2	75.3-135				
1,2-Dibromo-3-chloropropane	8.27		"	10.0		82.7	58.9-140				
1,2-Dibromoethane	10.4		"	10.0		104	79-130				
1,2-Dichlorobenzene	8.84		"	10.0		88.4	76.1-122				
1,2-Dichloroethane	10.0		"	10.0		100	74.6-132				
1,2-Dichloropropane	9.59		"	10.0		95.9	76.9-129				
1,3,5-Trimethylbenzene	8.66		"	10.0		86.6	70.6-127				
1,3-Dichlorobenzene	8.75		"	10.0		87.5	77-124				
1,3-Dichloropropane	9.53		"	10.0		95.3	75.8-126				
1,4-Dichlorobenzene	8.81		"	10.0		88.1	76.6-125				
2,2-Dichloropropane	9.49		"	10.0		94.9	69-133				
2-Chlorotoluene	8.36		"	10.0		83.6	66.3-119				
2-Hexanone	10.4		"	10.0		104	70-130				
4-Chlorotoluene	8.50		"	10.0		85.0	69.2-127				
Acetone	19.2		"	10.0		192	70-130	High Bias			
Benzene	10.0		"	10.0		100	76.2-129				
Bromobenzene	8.35		"	10.0		83.5	71.3-123				
Bromochloromethane	9.93		"	10.0		99.3	70.8-137				
Bromodichloromethane	10.5		"	10.0		105	79.7-134				
Bromoform	10.0		"	10.0		100	70.5-141				
Bromomethane	9.32		"	10.0		93.2	43.9-147				
Carbon tetrachloride	7.60		"	10.0		76.0	78.1-138	Low Bias			
Chlorobenzene	9.69		"	10.0		96.9	80.4-125				
Chloroethane	8.82		"	10.0		88.2	55.8-140				
Chloroform	10.0		"	10.0		100	76.6-133				
Chloromethane	8.35		"	10.0		83.5	48.8-115				
cis-1,2-Dichloroethylene	9.93		"	10.0		99.3	75.1-128				
cis-1,3-Dichloropropylene	9.56		"	10.0		95.6	74.5-128				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
LCS (BE20839-BS1)									Prepared: 05/21/2012 Analyzed: 05/22/2012		
Dibromochloromethane	10.7		ug/L	10.0		107	79.8-134				
Dibromomethane	9.85		"	10.0		98.5	79-130				
Dichlorodifluoromethane	6.42		"	10.0		64.2	47.1-101				
Ethyl Benzene	10.2		"	10.0		102	80.8-128				
Hexachlorobutadiene	8.88		"	10.0		88.8	64.8-128				
Isopropylbenzene	9.16		"	10.0		91.6	75.5-135				
Methyl tert-butyl ether (MTBE)	11.2		"	10.0		112	65.1-140				
Methylene chloride	9.83		"	10.0		98.3	61.3-120				
Naphthalene	10.2		"	10.0		102	62.3-148				
n-Butylbenzene	8.66		"	10.0		86.6	67.2-123				
n-Propylbenzene	8.67		"	10.0		86.7	70.5-127				
o-Xylene	9.24		"	10.0		92.4	75.9-122				
p- & m- Xylenes	19.4		"	20.0		97.2	77.7-127				
p-Isopropyltoluene	9.06		"	10.0		90.6	75.6-129				
sec-Butylbenzene	8.60		"	10.0		86.0	71.5-125				
Styrene	9.69		"	10.0		96.9	77.8-123				
tert-Butylbenzene	8.64		"	10.0		86.4	75.9-151				
Tetrachloroethylene	9.93		"	10.0		99.3	63.6-167				
Toluene	9.67		"	10.0		96.7	77-123				
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	76.3-139				
trans-1,3-Dichloropropylene	10.3		"	10.0		103	72.5-137				
Trichloroethylene	9.64		"	10.0		96.4	77.9-130				
Trichlorofluoromethane	8.86		"	10.0		88.6	57.4-133				
Vinyl Chloride	8.26		"	10.0		82.6	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.27*		*"*	*10.0*		*92.7*	*63.5-145*				
Surrogate: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
LCS Dup (BE20839-BSD1)								Prepared: 05/21/2012 Analyzed: 05/22/2012			
1,1,1,2-Tetrachloroethane	10.4		ug/L	10.0		104	82.3-130		2.81	21.1	
1,1,1-Trichloroethane	10.4		"	10.0		104	75.6-137		3.93	19.7	
1,1,2,2-Tetrachloroethane	9.21		"	10.0		92.1	71.3-131		10.8	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	71.1-129		4.41	21.7	
1,1,2-Trichloroethane	10.1		"	10.0		101	74.5-129		3.23	20.3	
1,1-Dichloroethane	10.3		"	10.0		103	79.6-132		3.56	20.6	
1,1-Dichloroethylene	9.99		"	10.0		99.9	80.2-146		6.62	20	
1,1-Dichloropropylene	11.5		"	10.0		115	75-136		48.9	19.3	Non-dir.
1,2,3-Trichlorobenzene	11.5		"	10.0		115	66.1-136		12.4	21.6	
1,2,3-Trichloropropane	9.86		"	10.0		98.6	63-131		3.82	23.9	
1,2,4-Trichlorobenzene	11.7		"	10.0		117	70.6-136		16.6	21.7	
1,2,4-Trimethylbenzene	10.3		"	10.0		103	75.3-135		11.9	18.8	
1,2-Dibromo-3-chloropropane	9.88		"	10.0		98.8	58.9-140		17.7	27.7	
1,2-Dibromoethane	10.3		"	10.0		103	79-130		0.873	23	
1,2-Dichlorobenzene	9.59		"	10.0		95.9	76.1-122		8.14	19.8	
1,2-Dichloroethane	10.2		"	10.0		102	74.6-132		1.58	20.2	
1,2-Dichloropropane	9.86		"	10.0		98.6	76.9-129		2.78	20.7	
1,3,5-Trimethylbenzene	9.75		"	10.0		97.5	70.6-127		11.8	18.9	
1,3-Dichlorobenzene	9.78		"	10.0		97.8	77-124		11.1	19.2	
1,3-Dichloropropane	9.73		"	10.0		97.3	75.8-126		2.08	22.1	
1,4-Dichlorobenzene	9.84		"	10.0		98.4	76.6-125		11.0	18.6	
2,2-Dichloropropane	9.78		"	10.0		97.8	69-133		3.01	19.8	
2-Chlorotoluene	9.11		"	10.0		91.1	66.3-119		8.59	21.6	
2-Hexanone	9.84		"	10.0		98.4	70-130		5.82	30	
4-Chlorotoluene	9.42		"	10.0		94.2	69.2-127		10.3	19	
Acetone	18.8		"	10.0		188	70-130	High Bias	2.06	30	
Benzene	10.4		"	10.0		104	76.2-129		4.40	19	
Bromobenzene	8.90		"	10.0		89.0	71.3-123		6.38	20.3	
Bromochloromethane	10.2		"	10.0		102	70.8-137		2.88	23.9	
Bromodichloromethane	10.8		"	10.0		108	79.7-134		3.20	21	
Bromoform	10.2		"	10.0		102	70.5-141		1.78	21.8	
Bromomethane	9.96		"	10.0		99.6	43.9-147		6.64	28.4	
Carbon tetrachloride	11.6		"	10.0		116	78.1-138		41.5	20.1	Non-dir.
Chlorobenzene	10.2		"	10.0		102	80.4-125		5.23	19.9	
Chloroethane	9.55		"	10.0		95.5	55.8-140		7.95	23.3	
Chloroform	10.3		"	10.0		103	76.6-133		2.46	20.3	
Chloromethane	8.48		"	10.0		84.8	48.8-115		1.54	24.5	
cis-1,2-Dichloroethylene	10.3		"	10.0		103	75.1-128		3.37	20.5	
cis-1,3-Dichloropropylene	9.62		"	10.0		96.2	74.5-128		0.626	19.9	
Dibromochloromethane	10.8		"	10.0		108	79.8-134		1.11	21.3	
Dibromomethane	10.3		"	10.0		103	79-130		4.37	22.4	
Dichlorodifluoromethane	6.75		"	10.0		67.5	47.1-101		5.01	23.9	
Ethyl Benzene	10.8		"	10.0		108	80.8-128		5.69	19.2	
Hexachlorobutadiene	10.1		"	10.0		101	64.8-128		13.0	20.6	
Isopropylbenzene	9.98		"	10.0		99.8	75.5-135		8.57	20	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	65.1-140		3.63	23.6	
Methylene chloride	10.2		"	10.0		102	61.3-120		4.09	20.4	
Naphthalene	11.1		"	10.0		111	62.3-148		8.47	27.1	
n-Butylbenzene	10.0		"	10.0		100	67.2-123		14.6	19.1	
n-Propylbenzene	9.76		"	10.0		97.6	70.5-127		11.8	23.4	
o-Xylene	10.0		"	10.0		100	75.9-122		7.90	19.3	
p- & m- Xylenes	20.8		"	20.0		104	77.7-127		6.57	18.6	
p-Isopropyltoluene	10.3		"	10.0		103	75.6-129		12.5	19.1	
sec-Butylbenzene	9.63		"	10.0		96.3	71.5-125		11.3	18.9	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20839 - EPA 5030B											
LCS Dup (BE20839-BSD1)									Prepared: 05/21/2012 Analyzed: 05/22/2012		
Styrene	10.2		ug/L	10.0		102	77.8-123		5.23	20.9	
tert-Butylbenzene	9.55		"	10.0		95.5	75.9-151		10.0	20.9	
Tetrachloroethylene	10.4		"	10.0		104	63.6-167		4.91	27.7	
Toluene	10.0		"	10.0		100	77-123		3.75	18.7	
trans-1,2-Dichloroethylene	10.1		"	10.0		101	76.3-139		6.43	19.5	
trans-1,3-Dichloropropylene	10.2		"	10.0		102	72.5-137		0.684	19.3	
Trichloroethylene	10.0		"	10.0		100	77.9-130		4.07	20.5	
Trichlorofluoromethane	9.47		"	10.0		94.7	57.4-133		6.66	21.4	
Vinyl Chloride	8.81		"	10.0		88.1	54.9-124		6.44	22.3	
Surrogate: 1,2-Dichloroethane-d4	*9.99*		*"*	*10.0*		*99.9*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.55*		*"*	*10.0*		*95.5*	*63.5-145*				
Surrogate: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81.2-127*				
Batch BE20895 - EPA 5030B											
Blank (BE20895-BLK1)									Prepared: 05/22/2012 Analyzed: 05/23/2012		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,1-Dichloropropylene	ND	0.50	"								
1,2,3-Trichlorobenzene	0.56	2.0	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	2.0	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	2.0	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,3-Dichloropropane	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
2,2-Dichloropropane	ND	0.50	"								
2-Chlorotoluene	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Chlorotoluene	ND	0.50	"								
Acetone	4.1	2.0	"								
Benzene	ND	0.50	"								
Bromobenzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20895 - EPA 5030B											
Blank (BE20895-BLK1)											
Prepared: 05/22/2012 Analyzed: 05/23/2012											
cis-1,3-Dichloropropylene	ND	0.50	ug/L								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylene chloride	3.5	2.0	"								
Naphthalene	1.5	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*63.5-145*				
Surrogate: Toluene-d8	*10.8*		*"*	*10.0*		*108*	*81.2-127*				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20895 - EPA 5030B											
LCS (BE20895-BS1)								Prepared: 05/22/2012 Analyzed: 05/23/2012			
1,1,1,2-Tetrachloroethane	10.2		ug/L	10.0		102	82.3-130				
1,1,1-Trichloroethane	9.10		"	10.0		91.0	75.6-137				
1,1,2,2-Tetrachloroethane	9.79		"	10.0		97.9	71.3-131				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.14		"	10.0		81.4	71.1-129				
1,1,2-Trichloroethane	10.0		"	10.0		100	74.5-129				
1,1-Dichloroethane	8.87		"	10.0		88.7	79.6-132				
1,1-Dichloroethylene	8.36		"	10.0		83.6	80.2-146				
1,1-Dichloropropylene	10.6		"	10.0		106	75-136				
1,2,3-Trichlorobenzene	12.4		"	10.0		124	66.1-136				
1,2,3-Trichloropropane	9.25		"	10.0		92.5	63-131				
1,2,4-Trichlorobenzene	11.9		"	10.0		119	70.6-136				
1,2,4-Trimethylbenzene	9.95		"	10.0		99.5	75.3-135				
1,2-Dibromo-3-chloropropane	11.9		"	10.0		119	58.9-140				
1,2-Dibromoethane	10.8		"	10.0		108	79-130				
1,2-Dichlorobenzene	9.58		"	10.0		95.8	76.1-122				
1,2-Dichloroethane	9.28		"	10.0		92.8	74.6-132				
1,2-Dichloropropane	9.89		"	10.0		98.9	76.9-129				
1,3,5-Trimethylbenzene	9.30		"	10.0		93.0	70.6-127				
1,3-Dichlorobenzene	9.50		"	10.0		95.0	77-124				
1,3-Dichloropropane	10.2		"	10.0		102	75.8-126				
1,4-Dichlorobenzene	9.67		"	10.0		96.7	76.6-125				
2,2-Dichloropropane	8.43		"	10.0		84.3	69-133				
2-Chlorotoluene	9.28		"	10.0		92.8	66.3-119				
2-Hexanone	10.7		"	10.0		107	70-130				
4-Chlorotoluene	9.40		"	10.0		94.0	69.2-127				
Acetone	7.40		"	10.0		74.0	70-130				
Benzene	8.89		"	10.0		88.9	76.2-129				
Bromobenzene	9.27		"	10.0		92.7	71.3-123				
Bromochloromethane	8.73		"	10.0		87.3	70.8-137				
Bromodichloromethane	11.2		"	10.0		112	79.7-134				
Bromoform	11.2		"	10.0		112	70.5-141				
Bromomethane	7.69		"	10.0		76.9	43.9-147				
Carbon tetrachloride	10.1		"	10.0		101	78.1-138				
Chlorobenzene	9.96		"	10.0		99.6	80.4-125				
Chloroethane	7.72		"	10.0		77.2	55.8-140				
Chloroform	9.02		"	10.0		90.2	76.6-133				
Chloromethane	6.92		"	10.0		69.2	48.8-115				
cis-1,2-Dichloroethylene	8.67		"	10.0		86.7	75.1-128				
cis-1,3-Dichloropropylene	9.98		"	10.0		99.8	74.5-128				
Dibromochloromethane	11.1		"	10.0		111	79.8-134				
Dibromomethane	11.0		"	10.0		110	79-130				
Dichlorodifluoromethane	4.60		"	10.0		46.0	47.1-101	Low Bias			
Ethyl Benzene	11.0		"	10.0		110	80.8-128				
Hexachlorobutadiene	10.6		"	10.0		106	64.8-128				
Isopropylbenzene	9.95		"	10.0		99.5	75.5-135				
Methyl tert-butyl ether (MTBE)	7.43		"	10.0		74.3	65.1-140				
Methylene chloride	8.50		"	10.0		85.0	61.3-120				
Naphthalene	10.3		"	10.0		103	62.3-148				
n-Butylbenzene	10.2		"	10.0		102	67.2-123				
n-Propylbenzene	9.66		"	10.0		96.6	70.5-127				
o-Xylene	10.2		"	10.0		102	75.9-122				
p- & m- Xylenes	21.1		"	20.0		105	77.7-127				
p-Isopropyltoluene	9.97		"	10.0		99.7	75.6-129				
sec-Butylbenzene	9.48		"	10.0		94.8	71.5-125				

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20895 - EPA 5030B											
LCS (BE20895-BS1)									Prepared: 05/22/2012 Analyzed: 05/23/2012		
Styrene	10.1		ug/L	10.0		101	77.8-123				
tert-Butylbenzene	10.2		"	10.0		102	75.9-151				
Tetrachloroethylene	11.7		"	10.0		117	63.6-167				
Toluene	10.1		"	10.0		101	77-123				
trans-1,2-Dichloroethylene	8.41		"	10.0		84.1	76.3-139				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	72.5-137				
Trichloroethylene	10.1		"	10.0		101	77.9-130				
Trichlorofluoromethane	7.94		"	10.0		79.4	57.4-133				
Vinyl Chloride	6.87		"	10.0		68.7	54.9-124				
Surrogate: 1,2-Dichloroethane-d4	*9.88*		*"*	*10.0*		*98.8*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.48*		*"*	*10.0*		*94.8*	*63.5-145*				
Surrogate: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81.2-127*				
LCS Dup (BE20895-BSD1)									Prepared: 05/22/2012 Analyzed: 05/23/2012		
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82.3-130		2.89	21.1	
1,1,1-Trichloroethane	9.50		"	10.0		95.0	75.6-137		4.30	19.7	
1,1,2,2-Tetrachloroethane	9.17		"	10.0		91.7	71.3-131		6.54	20.8	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.41		"	10.0		84.1	71.1-129		3.26	21.7	
1,1,2-Trichloroethane	10.7		"	10.0		107	74.5-129		5.89	20.3	
1,1-Dichloroethane	9.18		"	10.0		91.8	79.6-132		3.43	20.6	
1,1-Dichloroethylene	9.05		"	10.0		90.5	80.2-146		7.93	20	
1,1-Dichloropropylene	11.1		"	10.0		111	75-136		4.50	19.3	
1,2,3-Trichlorobenzene	12.1		"	10.0		121	66.1-136		2.12	21.6	
1,2,3-Trichloropropane	9.88		"	10.0		98.8	63-131		6.59	23.9	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	70.6-136		0.168	21.7	
1,2,4-Trimethylbenzene	9.91		"	10.0		99.1	75.3-135		0.403	18.8	
1,2-Dibromo-3-chloropropane	11.1		"	10.0		111	58.9-140		6.44	27.7	
1,2-Dibromoethane	11.1		"	10.0		111	79-130		2.28	23	
1,2-Dichlorobenzene	9.49		"	10.0		94.9	76.1-122		0.944	19.8	
1,2-Dichloroethane	9.66		"	10.0		96.6	74.6-132		4.01	20.2	
1,2-Dichloropropane	10.3		"	10.0		103	76.9-129		4.16	20.7	
1,3,5-Trimethylbenzene	8.96		"	10.0		89.6	70.6-127		3.72	18.9	
1,3-Dichlorobenzene	9.25		"	10.0		92.5	77-124		2.67	19.2	
1,3-Dichloropropane	10.4		"	10.0		104	75.8-126		2.03	22.1	
1,4-Dichlorobenzene	9.38		"	10.0		93.8	76.6-125		3.04	18.6	
2,2-Dichloropropane	8.62		"	10.0		86.2	69-133		2.23	19.8	
2-Chlorotoluene	9.51		"	10.0		95.1	66.3-119		2.45	21.6	
2-Hexanone	11.3		"	10.0		113	70-130		5.43	30	
4-Chlorotoluene	9.22		"	10.0		92.2	69.2-127		1.93	19	
Acetone	8.66		"	10.0		86.6	70-130		15.7	30	
Benzene	9.35		"	10.0		93.5	76.2-129		5.04	19	
Bromobenzene	9.30		"	10.0		93.0	71.3-123		0.323	20.3	
Bromochloromethane	9.53		"	10.0		95.3	70.8-137		8.76	23.9	
Bromodichloromethane	11.7		"	10.0		117	79.7-134		4.20	21	
Bromoform	10.9		"	10.0		109	70.5-141		2.62	21.8	
Bromomethane	8.61		"	10.0		86.1	43.9-147		11.3	28.4	
Carbon tetrachloride	10.7		"	10.0		107	78.1-138		6.35	20.1	
Chlorobenzene	10.1		"	10.0		101	80.4-125		1.40	19.9	
Chloroethane	8.27		"	10.0		82.7	55.8-140		6.88	23.3	
Chloroform	9.61		"	10.0		96.1	76.6-133		6.33	20.3	
Chloromethane	7.05		"	10.0		70.5	48.8-115		1.86	24.5	
cis-1,2-Dichloroethylene	9.34		"	10.0		93.4	75.1-128		7.44	20.5	
cis-1,3-Dichloropropylene	10.0		"	10.0		100	74.5-128		0.699	19.9	
Dibromochloromethane	11.4		"	10.0		114	79.8-134		2.93	21.3	

Volatile Organic Compounds by EPA SW846-8260B - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE20895 - EPA 5030B											
LCS Dup (BE20895-BSD1)									Prepared: 05/22/2012 Analyzed: 05/23/2012		
Dibromomethane	10.7		ug/L	10.0		107	79-130		2.49	22.4	
Dichlorodifluoromethane	4.52		"	10.0		45.2	47.1-101	Low Bias	1.75	23.9	
Ethyl Benzene	11.0		"	10.0		110	80.8-128		0.364	19.2	
Hexachlorobutadiene	10.3		"	10.0		103	64.8-128		2.48	20.6	
Isopropylbenzene	9.62		"	10.0		96.2	75.5-135		3.37	20	
Methyl tert-butyl ether (MTBE)	7.85		"	10.0		78.5	65.1-140		5.50	23.6	
Methylene chloride	8.97		"	10.0		89.7	61.3-120		5.38	20.4	
Naphthalene	11.7		"	10.0		117	62.3-148		12.3	27.1	
n-Butylbenzene	9.51		"	10.0		95.1	67.2-123		6.61	19.1	
n-Propylbenzene	9.31		"	10.0		93.1	70.5-127		3.69	23.4	
o-Xylene	10.2		"	10.0		102	75.9-122		0.489	19.3	
p- & m- Xylenes	20.9		"	20.0		104	77.7-127		1.10	18.6	
p-Isopropyltoluene	9.65		"	10.0		96.5	75.6-129		3.26	19.1	
sec-Butylbenzene	9.22		"	10.0		92.2	71.5-125		2.78	18.9	
Styrene	10.2		"	10.0		102	77.8-123		1.38	20.9	
tert-Butylbenzene	10.0		"	10.0		100	75.9-151		1.58	20.9	
Tetrachloroethylene	10.3		"	10.0		103	63.6-167		12.8	27.7	
Toluene	10.2		"	10.0		102	77-123		0.884	18.7	
trans-1,2-Dichloroethylene	9.03		"	10.0		90.3	76.3-139		7.11	19.5	
trans-1,3-Dichloropropylene	11.1		"	10.0		111	72.5-137		0.807	19.3	
Trichloroethylene	10.4		"	10.0		104	77.9-130		3.12	20.5	
Trichlorofluoromethane	8.12		"	10.0		81.2	57.4-133		2.24	21.4	
Vinyl Chloride	7.17		"	10.0		71.7	54.9-124		4.27	22.3	
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*72.6-129*				
Surrogate: p-Bromofluorobenzene	*9.10*		*"*	*10.0*		*91.0*	*63.5-145*				
Surrogate: Toluene-d8	*10.4*		*"*	*10.0*		*104*	*81.2-127*				

YORK
ANALYTICAL LABORATORIES, INC.

Notes and Definitions

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL); therefore, the result is an estimated concentration.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants. Data users should consider anything <10x the blank value as artifact.

ND	Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
MDL	METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
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Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 12E0659

Client Information	Report to:	Invoice To:	Client Project ID	Turn-Around Time	Report Type/Deliverables
Company: LBG	SAME ☐	SAME ☐	Rowe Industries	RUSH Same Day	Summary x, pdf
Address: 4 Research Drive, Suite 301, Shelton CT, 06484	Name: Tunde Sandor	Name: Mark Goldberg		RUSH Next Day	QA/QC Summary x, pdf
Phone no.: 203-929-8555	Company: Same	Company: Same	Purchase Order no.	RUSH Two Day	CT RCP Pkg
Contact Person Tunde Sandor	Address:	Address:	NABSAG	RUSH Three Day	ASP A Pkg
E-mail Addr.: Tsandor@lbgct.com	E-mail:	E-mail		RUSH Four Day	ASP B Pkg x, pdf
FAX No.: 203-926-9140	Fax No.:	Fax No.:	Samples from: CT__ NY__ NJ__	Standard (5-7 days) x	Excel
				OTHER	EDD x, Excel

Print Clearly and Legibly - All information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HNAT
Name (printed)

Matrix Codes: S - soil; Other - specify (oil, etc.); WW - wastewater; GW - groundwater; DW - drinking water; Air-A - ambient air; Air-SV - soil vapor

Volatiles		Semi-Vols.	Pest/PCB/Herb	Metals	Misc. Org.	Full Lists	Miscellaneous Parameters		
8260 full	TICs	8270 or 625	8082PCB	RCRA8	TPH GRO	Pri.Poll.	Corrosivity	Nitrate	Color
624	Site Spec.	STARS	8081Pest	PP13	TPH DRO	TCL Organics	Reactivity	Nitrite	Phenols
STARS	SPLP or TCLP	BN Only	8151Herb	TAL	CT ETPH	TAL Met/CN	Ignitability	TKN	Cyanide-T
BTEX	Benzene	Acids Only	CT RCP	CT15	NY 310-13	Full TCLP	Flash Point	Tot. Nitrogen	Cyanide-A
MTBE	Nassau Co.	PAH	App. IX	Total	TPH 418.1	Full App. IX	Sieve Anal.	Ammonia-N	BOD5
TCL list	Suffolk Co.	TAGM	Site Spec.	Dissolved	Air TO14A	Part360-Routine	Heterotrophs	Chloride	CBOD5
TAGM	Ketones	CT RCP	SPLP or TCLP	SPLP or TCLP	Air TO15	Part360-Baseline	TOX	Phosphate	BOD28
CT RCP	Oxygenates	TCL list	TCLP Pest	Indiv. Metals	Air STARS	Part 360 Expanded No Dioxin/Furans	BTU/lb.	Tot. Phos.	COD
Arom.	TCLP list	TICs	TCLP Herb	Hg, Pb, As, Cd	Air VPH	Part 360 Expanded Full List	Aquatic Tox.	Oil&Grease	TSS
Halog.	524.2	App. IX	Chlordane	Cr, Ni, Be, Fe,	Air TICs	NYCDEP Sewer	TOC	F.O.G.	Total Solids
App.IX	502.2	SPLP or TCLP	608 Pest	Se, Tl, Sb, Cu,	Methane	NYSDEC Sewer	Asbestos	pH	TDS
8021B list	5035	TCLP BNA	608 PCB	Na, Mn, Au, etc.	Helium	TAGM	Silica	MBAS	TPH - IR

Special Instructions
Field Filtered ☐
Lab to Filter ☐

Sample Identification	Date Sampled	Sample Matrix	Choose Analyses Needed from the Menu Above and Enter Below	Container Description(s)
WQ51712 1450FRW1	5-17-12 1450	GW	VOC 8260 full list (EPA SW846-8260B)	2x
WQ51712 1455FRW2	1455	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ51712 1500FRW3	1500	GW	VOC 8260 full list (EPA SW846-8260B)	
WQ51712 1505FRW4	1505	GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	
		GW	VOC 8260 full list (EPA SW846-8260B)	

Comments

Preservation "X" those applicable: Cool 4°C ___ HNO3 ___ H2SO4 ___ NaOH ___ NONE ___ FROZEN ___

Samples Relinquished By — Date/Time: 1400 5/18/12
Samples Relinquished By — Date/Time:
Samples Received By — Date/Time:
Samples Received in LAB by — Date/Time: 5-18-12 1356

Temperature on Receipt: 5.0°C

APPENDIX III
MAY 2012 LABORATORY ANALYTICAL REPORTS
FOR AIR SAMPLES

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Report Date: 05/31/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0781

Report Date: 05/31/2012
Client Project ID: Rowe Industries
York Project (SDG) No.: 12E0781

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 301
Shelton CT, 06484
Attention: Tunde Sandor

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on May 23, 2012 and listed below. The project was identified as your project: **Rowe Industries**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the attachment to this report, and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
12E0781-01	AQ52212:1520NP4-1	Vapor Extraction	05/22/2012	05/23/2012
12E0781-02	AQ52212:1525NP4-2	Vapor Extraction	05/22/2012	05/23/2012
12E0781-03	AQ52212:1530NP4-3	Vapor Extraction	05/22/2012	05/23/2012

General Notes for York Project (SDG) No.: 12E0781

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation, unless otherwise noted.
6. All analyses conducted met method or Laboratory SOP requirements. See the Qualifiers and/or Narrative sections for further information.
7. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
8. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.

Approved By:  **Date:** 05/31/2012

Robert Q. Bradley
Executive Vice President / Laboratory Director

YORK

Sample Information

Client Sample ID: AQ52212:1520NP4-1 **York Sample ID:** 12E0781-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:20 pm	05/23/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**10**		ug/m³	0.18	0.98	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.2	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.096	1.4	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.24	0.98	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-34-3	**1,1-Dichloroethane**	**4.9**		ug/m³	0.087	0.73	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.71	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.29	1.3	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.4	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.27	1.1	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.17	0.73	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.18	0.83	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.21	1.3	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.11	1.8	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.78	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.19	1.1	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.24	1.1	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.58	6.5	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
78-93-3	**2-Butanone**	**9.6**		ug/m³	0.21	0.53	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
591-78-6	**2-Hexanone**	**2.9**		ug/m³	0.40	1.5	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
108-10-1	**4-Methyl-2-pentanone**	**3.5**		ug/m³	0.26	0.73	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
67-64-1	**Acetone**	**27**		ug/m³	0.13	0.43	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
71-43-2	Benzene	ND		ug/m³	0.086	0.57	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.93	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.27	1.1	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-25-2	Bromoform	ND		ug/m³	0.33	1.9	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
74-83-9	Bromomethane	ND		ug/m³	0.084	0.70	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-15-0	**Carbon disulfide**	**1.7**		ug/m³	0.067	0.56	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.56	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.83	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-00-3	Chloroethane	ND		ug/m³	0.057	0.47	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
67-66-3	**Chloroform**	**3.1**		ug/m³	0.13	0.87	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
74-87-3	**Chloromethane**	**1.7**		ug/m³	0.11	0.37	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.71	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD

Sample Information

Client Sample ID: AQ52212:1520NP4-1 **York Sample ID:** 12E0781-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:20 pm	05/23/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.20	0.81	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
110-82-7	Cyclohexane	ND		ug/m³	0.074	0.62	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.4	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-71-8	**Dichlorodifluoromethane**	**1.9**		ug/m³	0.22	0.89	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.16	0.65	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.14	0.78	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.34	1.9	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
67-63-0	Isopropanol	ND		ug/m³	0.15	0.44	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.077	0.64	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-09-2	**Methylene chloride**	**2.2**		ug/m³	0.15	0.62	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
142-82-5	n-Heptane	ND		ug/m³	0.088	0.73	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
110-54-3	**n-Hexane**	**1.3**		ug/m³	0.076	0.63	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
95-47-6	o-Xylene	ND		ug/m³	0.14	0.78	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
1330-20-7P/M	**p- & m- Xylenes**	**1.0**		ug/m³	0.26	0.78	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.4	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
115-07-01	Propylene	ND		ug/m³	0.14	0.31	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.76	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
127-18-4	**Tetrachloroethylene**	**8.1**		ug/m³	0.15	1.2	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.13	0.53	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
108-88-3	Toluene	ND		ug/m³	0.16	0.68	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.085	0.71	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.81	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.48	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.060	1.0	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.095	1.3	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.92	1.762	EPA TO-15	05/30/2012 09:00	05/31/2012 08:13	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*70-130*

Sample Information

Client Sample ID: AQ52212:1525NP4-2 **York Sample ID:** 12E0781-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:25 pm	05/23/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: **AQ52212:1525NP4-2** **York Sample ID:** **12E0781-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:25 pm	05/23/2012

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**12**		ug/m³	0.18	1.0	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.31	1.3	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
76-13-1	**1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)**	**4.3**		ug/m³	0.10	1.4	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.25	1.0	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-34-3	**1,1-Dichloroethane**	**5.0**		ug/m³	0.090	0.75	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.74	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.30	1.4	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.6	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.28	1.1	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.18	0.75	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.19	0.86	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.22	1.3	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	1.8	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.81	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.20	1.1	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.25	1.1	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.60	6.7	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
78-93-3	2-Butanone	ND		ug/m³	0.22	0.55	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	1.5	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.27	0.76	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
67-64-1	**Acetone**	**49**		ug/m³	0.14	0.44	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
71-43-2	Benzene	ND		ug/m³	0.089	0.59	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.12	0.96	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.28	1.2	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-25-2	Bromoform	ND		ug/m³	0.35	1.9	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
74-83-9	Bromomethane	ND		ug/m³	0.087	0.72	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-15-0	**Carbon disulfide**	**1.1**		ug/m³	0.069	0.58	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.58	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.85	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-00-3	Chloroethane	ND		ug/m³	0.059	0.49	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
67-66-3	**Chloroform**	**2.7**		ug/m³	0.14	0.91	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
74-87-3	**Chloromethane**	**0.81**		ug/m³	0.12	0.38	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
156-59-2	**cis-1,2-Dichloroethylene**	**1.0**		ug/m³	0.13	0.74	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.21	0.84	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
110-82-7	Cyclohexane	ND		ug/m³	0.077	0.64	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD

Sample Information

Client Sample ID: AQ52212:1525NP4-2 **York Sample ID:** 12E0781-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:25 pm	05/23/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.23	0.92	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.17	0.67	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.15	0.81	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.36	2.0	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
67-63-0	Isopropanol	ND		ug/m³	0.16	0.46	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.080	0.67	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-09-2	**Methylene chloride**	**2.8**		ug/m³	0.15	0.65	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
142-82-5	n-Heptane	ND		ug/m³	0.091	0.76	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
110-54-3	**n-Hexane**	**18**		ug/m³	0.079	0.65	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
95-47-6	o-Xylene	ND		ug/m³	0.15	0.81	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.27	0.81	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.6	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
115-07-01	Propylene	ND		ug/m³	0.15	0.32	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.79	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
127-18-4	**Tetrachloroethylene**	**16**		ug/m³	0.15	1.3	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.14	0.55	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
108-88-3	Toluene	ND		ug/m³	0.17	0.70	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.088	0.74	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.84	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.50	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.2**		ug/m³	0.063	1.0	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.098	1.3	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.95	1.826	EPA TO-15	05/30/2012 09:00	05/31/2012 09:50	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*70-130*

Sample Information

Client Sample ID: AQ52212:1530NP4-3 **York Sample ID:** 12E0781-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:30 pm	05/23/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	**1,1,1-Trichloroethane**	**5.5**		ug/m³	0.18	1.0	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD

Sample Information

Client Sample ID: AQ52212:1530NP4-3 **York Sample ID:** 12E0781-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:30 pm	05/23/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.30	1.3	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.099	1.4	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.25	1.0	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-34-3	**1,1-Dichloroethane**	**6.3**		ug/m³	0.090	0.75	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.11	0.73	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.30	1.4	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.11	4.5	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.4	1.4	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.28	1.1	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.18	0.75	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.19	0.85	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.22	1.3	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.12	1.8	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
106-99-0	1,3-Butadiene	ND		ug/m³	0.12	0.80	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.20	1.1	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.24	1.1	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
123-91-1	1,4-Dioxane	ND		ug/m³	0.60	6.6	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
78-93-3	2-Butanone	ND		ug/m³	0.22	0.54	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
591-78-6	2-Hexanone	ND		ug/m³	0.42	1.5	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.27	0.76	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
67-64-1	**Acetone**	**3.9**		ug/m³	0.14	0.44	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
71-43-2	Benzene	ND		ug/m³	0.088	0.59	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
100-44-7	Benzyl chloride	ND		ug/m³	0.11	0.95	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-27-4	Bromodichloromethane	ND		ug/m³	0.27	1.1	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-25-2	Bromoform	ND		ug/m³	0.34	1.9	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
74-83-9	Bromomethane	ND		ug/m³	0.086	0.72	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-15-0	**Carbon disulfide**	**1.3**		ug/m³	0.069	0.57	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
56-23-5	Carbon tetrachloride	ND		ug/m³	0.14	0.58	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
108-90-7	Chlorobenzene	ND		ug/m³	0.15	0.85	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-00-3	Chloroethane	ND		ug/m³	0.058	0.49	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
67-66-3	**Chloroform**	**2.3**		ug/m³	0.14	0.90	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
74-87-3	**Chloromethane**	**0.99**		ug/m³	0.11	0.38	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.12	0.73	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.21	0.84	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD

Sample Information

Client Sample ID: **AQ52212:1530NP4-3** **York Sample ID:** **12E0781-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
12E0781	Rowe Industries	Vapor Extraction	May 22, 2012 3:30 pm	05/23/2012

Volatile Organics, EPA TO15 Full List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	MDL	RL	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
110-82-7	Cyclohexane	ND		ug/m³	0.076	0.63	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
124-48-1	Dibromochloromethane	ND		ug/m³	1.5	1.5	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.23	0.91	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
141-78-6	Ethyl acetate	ND		ug/m³	0.17	0.66	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
100-41-4	Ethyl Benzene	ND		ug/m³	0.14	0.80	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
87-68-3	Hexachlorobutadiene	ND		ug/m³	0.35	2.0	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
67-63-0	Isopropanol	ND		ug/m³	0.16	0.45	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.080	0.66	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-09-2	**Methylene chloride**	**1.5**		ug/m³	0.15	0.64	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
142-82-5	n-Heptane	ND		ug/m³	0.091	0.76	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
110-54-3	n-Hexane	ND		ug/m³	0.078	0.65	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
95-47-6	o-Xylene	ND		ug/m³	0.14	0.80	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
1330-20-7P/M	p- & m- Xylenes	ND		ug/m³	0.27	0.80	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
622-96-8	p-Ethyltoluene	ND		ug/m³	0.16	4.5	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
115-07-01	Propylene	ND		ug/m³	0.15	0.32	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
100-42-5	Styrene	ND		ug/m³	0.14	0.79	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
127-18-4	Tetrachloroethylene	ND		ug/m³	0.15	1.3	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
109-99-9	Tetrahydrofuran	ND		ug/m³	0.14	0.54	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
108-88-3	Toluene	ND		ug/m³	0.17	0.69	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.088	0.73	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.15	0.84	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
79-01-6	Trichloroethylene	ND		ug/m³	0.12	0.50	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.3**		ug/m³	0.062	1.0	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
108-05-4	Vinyl acetate	ND		ug/m³	0.097	1.3	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD
75-01-4	Vinyl Chloride	ND		ug/m³	0.11	0.94	1.813	EPA TO-15	05/30/2012 09:00	05/31/2012 10:39	TD

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*70-130*

YORK
ANALYTICAL LABORATORIES, INC.

Analytical Batch Summary

Batch ID: BE21192 **Preparation Method:** EPA TO15 PREP **Prepared By:** TD

YORK Sample ID	Client Sample ID	Preparation Date
12E0781-01	AQ52212:1520NP4-1	05/30/12
12E0781-02	AQ52212:1525NP4-2	05/30/12
12E0781-03	AQ52212:1530NP4-3	05/30/12
BE21192-BLK1	Blank	05/30/12
BE21192-BS1	LCS	05/30/12
BE21192-DUP1	Duplicate	05/30/12

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21192 - EPA TO15 PREP											
Blank (BE21192-BLK1)											
Prepared: 05/30/2012 Analyzed: 05/31/2012											
Vinyl Chloride	ND	0.52	ug/m³								
Vinyl acetate	ND	0.72	"								
Trichloroethylene	ND	0.27	"								
trans-1,3-Dichloropropylene	ND	0.46	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
Toluene	ND	0.38	"								
Tetrahydrofuran	ND	0.30	"								
Tetrachloroethylene	ND	0.69	"								
Styrene	ND	0.43	"								
Propylene	ND	0.18	"								
p-Ethyltoluene	ND	2.5	"								
p- & m- Xylenes	ND	0.44	"								
o-Xylene	ND	0.44	"								
n-Hexane	ND	0.36	"								
n-Heptane	ND	0.42	"								
Methylene chloride	0.60	0.35	"								
Methyl tert-butyl ether (MTBE)	ND	0.37	"								
4-Methyl-2-pentanone	ND	0.42	"								
Isopropanol	ND	0.25	"								
Hexachlorobutadiene	ND	1.1	"								
Ethyl Benzene	ND	0.44	"								
Ethyl acetate	ND	0.37	"								
Cyclohexane	ND	0.35	"								
cis-1,3-Dichloropropylene	ND	0.46	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
Chloromethane	ND	0.21	"								
Chloroform	ND	0.50	"								
Chloroethane	ND	0.27	"								
Carbon tetrachloride	ND	0.32	"								
Carbon disulfide	ND	0.32	"								
Bromomethane	ND	0.39	"								
Bromoform	ND	1.1	"								
Bromodichloromethane	ND	0.63	"								
Benzyl chloride	ND	0.53	"								
Benzene	ND	0.32	"								
Acetone	0.39	0.24	"								
2-Hexanone	ND	0.83	"								
2-Butanone	ND	0.30	"								
1,4-Dioxane	ND	3.7	"								
1,4-Dichlorobenzene	ND	0.61	"								
1,3-Dichlorobenzene	ND	0.61	"								
1,3-Butadiene	ND	0.44	"								
1,3,5-Trimethylbenzene	ND	1.0	"								
1,2-Dichlorotetrafluoroethane	ND	0.71	"								
1,2-Dichloropropane	ND	0.47	"								
1,2-Dichloroethane	ND	0.41	"								
1,2-Dichlorobenzene	ND	0.61	"								
1,2,4-Trimethylbenzene	ND	2.5	"								
1,2,4-Trichlorobenzene	ND	0.75	"								
1,1-Dichloroethylene	ND	0.40	"								
1,1-Dichloroethane	ND	0.41	"								
Trichlorofluoromethane (Freon 11)	ND	0.57	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.78	"								

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21192 - EPA TO15 PREP											
Blank (BE21192-BLK1)									Prepared: 05/30/2012 Analyzed: 05/31/2012		
1,1,2,2-Tetrachloroethane	ND	0.70	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
Dichlorodifluoromethane	ND	0.50	"								
1,2-Dibromoethane	ND	0.78	"								
Dibromochloromethane	ND	0.82	"								
Chlorobenzene	ND	0.47	"								
Surrogate: p-Bromofluorobenzene	*8.25*		*ppbv*	*10.0*		*82.5*	*70-130*				
LCS (BE21192-BS1)									Prepared: 05/30/2012 Analyzed: 05/31/2012		
Vinyl Chloride	10.2		ppbv	10.1		101	70-130				
Vinyl acetate	0.990		"	9.70		10.2	58.1-135	Low Bias			
Trichloroethylene	10.5		"	10.2		103	70-130				
trans-1,3-Dichloropropylene	9.44		"	9.90		95.4	62-135				
trans-1,2-Dichloroethylene	9.86		"	9.50		104	58.3-130				
Toluene	11.8		"	10.8		110	64.9-126				
Tetrahydrofuran	12.9		"	10.2		126	44.6-146				
Tetrachloroethylene	9.79		"	10.5		93.2	70-130				
Styrene	12.4		"	10.7		115	66.4-132				
Propylene	10.2		"	11.0		92.7	62.4-150				
p-Ethyltoluene	13.1		"	10.4		126	73.8-146				
p- & m- Xylenes	22.9		"	21.0		109	56.6-136				
o-Xylene	12.1		"	10.8		112	67.8-133				
n-Hexane	11.4		"	10.3		110	59.7-130				
n-Heptane	11.4		"	10.4		110	62.3-134				
Methylene chloride	8.82		"	10.0		88.2	62.6-130				
Methyl tert-butyl ether (MTBE)	11.6		"	10.2		114	60.7-139				
4-Methyl-2-pentanone	8.13		"	10.0		81.3	64.5-158				
Isopropanol	9.36		"	9.90		94.5	60-150				
Hexachlorobutadiene	11.3		"	11.0		103	61.2-150				
Ethyl Benzene	10.9		"	10.7		102	68.4-125				
Ethyl acetate	14.8		"	10.0		148	40.6-150				
Cyclohexane	11.5		"	10.2		113	60.4-127				
cis-1,3-Dichloropropylene	10.8		"	10.7		101	65.5-129				
cis-1,2-Dichloroethylene	10.2		"	10.5		97.4	51.3-118				
Chloromethane	10.2		"	10.1		100	64.9-130				
Chloroform	9.87		"	10.0		98.7	65.1-130				
Chloroethane	10.5		"	10.1		104	52.1-131				
Carbon tetrachloride	9.82		"	10.1		97.2	70-130				
Carbon disulfide	10.2		"	10.0		102	61.8-111				
Bromomethane	9.11		"	10.2		89.3	60.1-140				
Bromoform	11.9		"	10.5		113	58.7-150				
Bromodichloromethane	11.0		"	10.2		107	65.3-127				
Benzyl chloride	9.16		"	10.2		89.8	62.5-150				
Benzene	10.8		"	10.4		104	69.5-130				
Acetone	10.6		"	10.0		106	55.3-133				
2-Hexanone	6.33		"	10.1		62.7	52-150				
2-Butanone	10.3		"	10.0		103	28.5-154				
1,4-Dioxane	8.87		"	10.2		87.0	50-150				
1,4-Dichlorobenzene	13.8		"	10.6		130	62.5-139				
1,3-Dichlorobenzene	13.3		"	10.2		130	71.9-153				
1,3-Butadiene	10.8		"	10.5		103	66.7-127				
1,3,5-Trimethylbenzene	13.3		"	10.6		125	65-152				
1,2-Dichlorotetrafluoroethane	9.97		"	10.1		98.7	63.3-129				
1,2-Dichloropropane	10.7		"	10.7		100	21.3-152				

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21192 - EPA TO15 PREP											
LCS (BE21192-BS1)									Prepared: 05/30/2012 Analyzed: 05/31/2012		
1,2-Dichloroethane	10.4		ppbv	10.4		100	51.2-124				
1,2-Dichlorobenzene	13.3		"	10.6		126	63.7-148				
1,2,4-Trimethylbenzene	13.3		"	10.7		124	67.9-152				
1,2,4-Trichlorobenzene	11.7		"	11.0		106	58-147				
1,1-Dichloroethylene	10.1		"	9.80		103	58.1-130				
1,1-Dichloroethane	10.2		"	10.2		100	63.3-130				
Trichlorofluoromethane (Freon 11)	9.66		"	10.5		92.0	56-132				
1,1,2-Trichloroethane	9.99		"	10.7		93.4	66-127				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.48		"	9.70		97.7	60.2-125				
1,1,2,2-Tetrachloroethane	11.8		"	10.8		109	63.7-132				
1,1,1-Trichloroethane	10.4		"	10.4		99.8	58.2-126				
Dichlorodifluoromethane	9.66		"	10.0		96.6	62.8-133				
1,2-Dibromoethane	9.68		"	10.6		91.3	70-130				
Dibromochloromethane	10.4		"	10.6		98.5	70-130				
Chlorobenzene	10.7		"	10.8		99.4	67.6-122				
Surrogate: p-Bromofluorobenzene	*11.8*		*"*	*10.0*		*118*	*70-130*				
Duplicate (BE21192-DUP1)	*Source sample: 12E0781-01 (AQ52212:1520NP4-1)								Prepared: 05/30/2012 Analyzed: 05/31/2012		
Vinyl Chloride	ND	0.92	ug/m³		ND					25	
Vinyl acetate	ND	1.3	"		ND					25	
Trichloroethylene	ND	0.48	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.81	"		ND					25	
trans-1,2-Dichloroethylene	ND	0.71	"		ND					25	
Toluene	ND	0.68	"		ND					25	
Tetrahydrofuran	ND	0.53	"		ND					25	
Tetrachloroethylene	8.8	1.2	"		8.1				7.19	25	
Styrene	ND	0.76	"		ND					25	
Propylene	ND	0.31	"		ND					25	
p-Ethyltoluene	ND	4.4	"		ND					25	
p- & m- Xylenes	1.0	0.78	"		1.0				0.00	25	
o-Xylene	ND	0.78	"		ND					25	
n-Hexane	1.3	0.63	"		1.3				0.00	25	
n-Heptane	ND	0.73	"		ND					25	
Methylene chloride	2.2	0.62	"		2.2				0.00	25	
Methyl tert-butyl ether (MTBE)	ND	0.64	"		ND					25	
4-Methyl-2-pentanone	3.6	0.73	"		3.5				2.06	25	
Isopropanol	ND	0.44	"		ND					25	
Hexachlorobutadiene	ND	1.9	"		ND					25	
Ethyl Benzene	ND	0.78	"		ND					25	
Ethyl acetate	ND	0.65	"		ND					25	
Cyclohexane	ND	0.62	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.81	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.71	"		ND					25	
Chloromethane	1.6	0.37	"		1.7				6.74	25	
Chloroform	3.1	0.87	"		3.1				0.00	25	
Chloroethane	ND	0.47	"		ND					25	
Carbon tetrachloride	ND	0.56	"		ND					25	
Carbon disulfide	1.6	0.56	"		1.7				6.90	25	
Bromomethane	ND	0.70	"		ND					25	
Bromoform	ND	1.9	"		ND					25	
Bromodichloromethane	ND	1.1	"		ND					25	
Benzyl chloride	ND	0.93	"		ND					25	
Benzene	ND	0.57	"		ND					25	
Acetone	27	0.43	"		27				0.779	25	

Volatile Organic Compounds by EPA Compendium TO14A/TO15 - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE21192 - EPA TO15 PREP											
Duplicate (BE21192-DUP1)	*Source sample: 12E0781-01 (AQ52212:1520NP4-1)								Prepared: 05/30/2012 Analyzed: 05/31/2012		
2-Hexanone	2.8	1.5	ug/m³		2.9				5.13	25	
2-Butanone	9.4	0.53	"		9.6				2.23	25	
1,4-Dioxane	ND	6.5	"		ND					25	
1,4-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Dichlorobenzene	ND	1.1	"		ND					25	
1,3-Butadiene	ND	0.78	"		ND					25	
1,3,5-Trimethylbenzene	ND	1.8	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.3	"		ND					25	
1,2-Dichloropropane	ND	0.83	"		ND					25	
1,2-Dichloroethane	ND	0.73	"		ND					25	
1,2-Dichlorobenzene	ND	1.1	"		ND					25	
1,2,4-Trimethylbenzene	ND	4.4	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.3	"		ND					25	
1,1-Dichloroethylene	ND	0.71	"		ND					25	
1,1-Dichloroethane	4.7	0.73	"		4.9				4.51	25	
Trichlorofluoromethane (Freon 11)	1.1	1.0	"		1.1				0.00	25	
1,1,2-Trichloroethane	ND	0.98	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.4	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.2	"		ND					25	
1,1,1-Trichloroethane	11	0.98	"		10				0.930	25	
Dichlorodifluoromethane	1.9	0.89	"		1.9				4.65	25	
1,2-Dibromoethane	ND	1.4	"		ND					25	
Dibromochloromethane	ND	1.4	"		ND					25	
Chlorobenzene	ND	0.83	"		ND					25	
Surrogate: p-Bromofluorobenzene	*10.2*		*ppbv*	*10.0*		*102*	*70-130*				

Notes and Definitions

QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.

ND Analyte NOT DETECTED at the stated Reporting Limit (RL) or above.

RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.

MDL METHOD DETECTION LIMIT - the minimum concentration that can be measured and reported with a 99% confidence that the concentration is greater than zero. If requested or required, a value reported below the RL and above the MDL is considered estimated and is noted with a "J" flag.

NR Not reported

RPD Relative Percent Difference

Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two.
For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

YORK
ANALYTICAL LABORATORIES, INC.
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Field Chain-of-Custody Record - AIR

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions unless superseded by written contract.

York Project No. 12E0781

YOUR Information
Company: LBG
Address: 4 Research Dr, Suite 301 Shelton, CT 06484
Phone No. 203-929-8555
Contact Person: Tunde Sandor
E-Mail Address: TSandor@LBGCT.com

Report To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

Invoice To:
Company: Same
Address:
Phone No.
Attention:
E-Mail Address:

YOUR Project ID
Rowe Industries

Purchase Order No.
HABSAG

Samples from: CT ___ NY X NJ ___

Turn-Around Time
- RUSH - Same Day ☐
- RUSH - Next Day ☐
- RUSH - Two Day ☐
- RUSH - Three Day ☐
- RUSH - Four Day ☐
- Standard(5-7 Days) ☒

Report Type/Deliverables
- Summary Report X, pdf
- Summary w/ QA Summary X, pdf
- CT RCP Package ___
- NY ASP A Package ___
- NY ASP B/CLP Pkg X, pdf
- NJDEP Reduced ___

Electronic Deliverables:
- EDD (Specify Type) ___
- Standard Excel X
- Regulatory Comparison Excel ___

Print Clearly and Legibly. All Information must be complete. Samples will NOT be logged in and the turn-around time clock will not begin until any questions by York are resolved.

Samples Collected/Authorized By (Signature)

STEPHEN HART
Name (printed)

Air Matrix Codes
- AI - INDOOR Ambient Air
- AO- OUTDOOR Amb. Air
- AE- Vapor Extraction Well/ Process Gas/Effluent
- AS- SOIL Vapor/Sub-Slab

TO15 Volatiles and Other Gas Analyses
- EPA TO-15 List
- EPA TO-14A List
- NYSDEC VI list
- Tentatively Identified Compounds
- NYSDEC STARS List
- Air VPH
- Project Specific List by TO-15
- Helium
- NJDEP Target List
- Methane
- CTDEP RCP Target List
- OTHER ___

Detection Limits Required
- ≤ 1 ug/m³ ___
- NYSDEC VI Limits ___ (VI = vapor intrusion)
- NJDEP low level ___
- Routine Survey ___
- Other ___

Special Instructions

Sample Identification	Date Sampled	AIR Matrix	Canister Vacuum Before Sampling (in. Hg)	Canister Vacuum After Sampling (in. Hg)	Choose Analyses Needed from the Menu Above and Enter Below	Sampling Media
AQ52212:1520NPM-1	5/22/12 1520	AE	—	—	EPA TO-15 List	6 Liter Summa canister ___ Tedlar Bag ___
AQ52212:1525NPM-2	1525	AE	—	—	↓	6 Liter Summa canister ___ Tedlar Bag ___
AQ52212:1530NPM-3	1530	AE	—	—	↓	6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___
						6 Liter Summa canister ___ Tedlar Bag ___

Comments

Samples Relinquished By — Date/Time 5/23/12 10:15

Samples Relinquished By — Date/Time

Samples Received By — Date/Time 5/23/12 10:15

Samples Received in LAB by — Date/Time 5/23/12-1500