TABLE 2

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

Effluent Water Quality Results

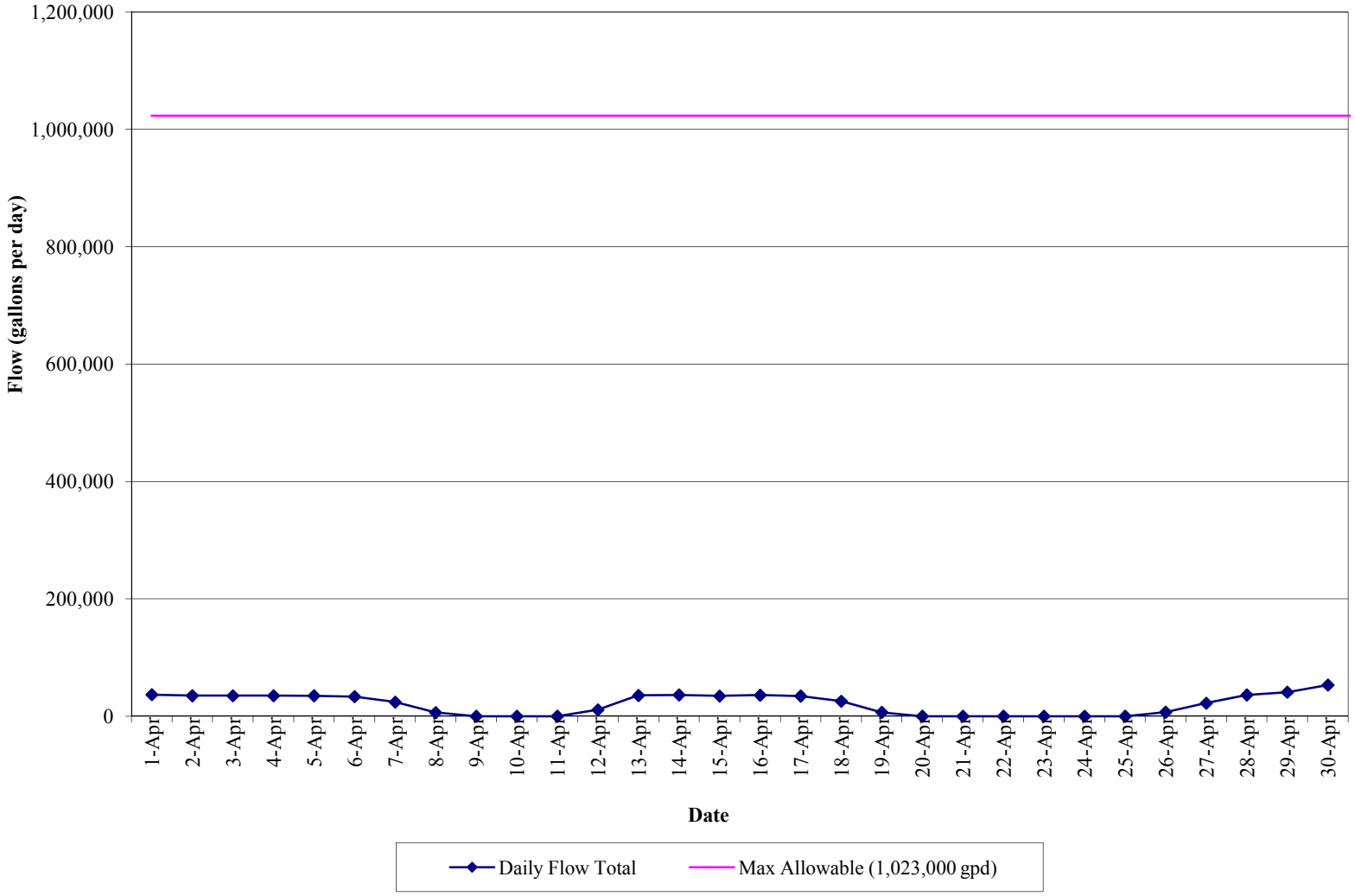
Date Sampled [2/]	pH [1/]	TDS (mg/l)	PCE (ug/l)	1,1,1-TCA (ug/l)	TCE (ug/l)	1,1-DCA (ug/l)	1,1-DCE (ug/l)	cis-1,2-DCE (ug/l)	trans-1,2-DCE (ug/l)	Xylene (ug/l)	Toluene (ug/l)	Ethyl-benzene (ug/l)	Methylene Chloride (ug/l)	Freon 113 (ug/l)	Naphthalene (ug/l)	Chloroform (ug/l)	Total Iron (mg/l)	Dissolved Iron (mg/l)
SPDES Limits	**5.0 to 8.5**	**---**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**5**	**---**	**10**	**7**	**---**	**---**
5-Apr-16	6.5	134	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	ND<2	ND<0.5	ND<0.5	ND<0.5	1.21	0.070
19-Apr-16	6.5	86	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	ND<2	ND<0.5	ND<0.5	ND<0.5	1.82	0.190

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
(April 1, 2016 to April 30, 2016)



APPENDIX I
APRIL 2016 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/12/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0242

Report Date: 04/12/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0242

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-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 April 07, 2016 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
16D0242-01	WQ040516:1200 NP2-6	Water	04/05/2016	04/07/2016
16D0242-02	WQ040516:1205 NP2-7	Water	04/05/2016	04/07/2016
16D0244-01	WQ040516:1210 NP2-10	Water	04/05/2016	04/07/2016

General Notes for York Project (SDG) No.: 16D0242

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: 04/12/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ040516:1200 NP2-6 **York Sample ID:** 16D0242-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:00 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
71-55-6	**1,1,1-Trichloroethane**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS

Sample Information

Client Sample ID: WQ040516:1200 NP2-6 **York Sample ID:** 16D0242-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:00 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
156-59-2	**cis-1,2-Dichloroethylene**	**1.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:07	SS

Sample Information

Client Sample ID: WQ040516:1200 NP2-6 **York Sample ID:** 16D0242-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:00 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 12:07	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 12:07	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
127-18-4	**Tetrachloroethylene**	**7.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
79-01-6	**Trichloroethylene**	**0.66**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/08/2016 08:32	04/08/2016 12:07	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*96.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.63**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2016 12:29	04/08/2016 18:16	KV

Sample Information

Client Sample ID: WQ040516:1200 NP2-6 **York Sample ID:** 16D0242-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:00 pm	04/07/2016

Iron, Dissolved by EPA 6010 **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0555**		mg/L	0.0222	0.0222	1	EPA 6010C	04/08/2016 12:32	04/08/2016 15:35	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WQ040516:1205 NP2-7 **York Sample ID:** 16D0242-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:05 pm	04/07/2016

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	NELAC-NY10854,NJDEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/08/2016 08:32	04/08/2016 12:36	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: WQ040516:1205 NP2-7 **York Sample ID:** 16D0242-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:05 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS NELAC-NY10854,NJDEP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS NELAC-NY10854,NJDEP
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS NELAC-NY10854,NJDEP
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS NELAC-NY10854,NJDEP
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 12:36	SS CTDOH,NELAC-NY10854,NJDEP

Sample Information

Client Sample ID: WQ040516:1205 NP2-7 **York Sample ID:** 16D0242-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:05 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854	04/08/2016 12:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854	04/08/2016 12:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 12:36	SS

Sample Information

Client Sample ID: WQ040516:1205 NP2-7 **York Sample ID:** 16D0242-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0242	Rowe Industries	Water	April 5, 2016 12:05 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/08/2016 08:32	04/08/2016 12:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.8 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*93.0 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.675**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2016 12:29	04/08/2016 18:21	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.110**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2016 12:32	04/08/2016 15:53	KV

Sample Information

Client Sample ID: WQ040516:1210 NP2-10 **York Sample ID:** 16D0244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0244	Rowe Industries	Water	April 5, 2016 12:10 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:06	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:06	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:06	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:06	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:06	SS

Sample Information

Client Sample ID: WQ040516:1210 NP2-10 **York Sample ID:** 16D0244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0244	Rowe Industries	Water	April 5, 2016 12:10 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:06	SS

Sample Information

Client Sample ID: WQ040516:1210 NP2-10 **York Sample ID:** 16D0244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0244	Rowe Industries	Water	April 5, 2016 12:10 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
74-87-3	**Chloromethane**	**0.29**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 NELAC-NY10854,NJDEP	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 NELAC-NY10854,NJDEP	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 NELAC-NY10854,NJDEP	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 NELAC-NY10854,NJDEP	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 NELAC-NY10854	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 NELAC-NY10854	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32	04/08/2016 13:06 CTDOH,NELAC-NY10854,NJDEP	SS

Sample Information

Client Sample ID: WQ040516:1210 NP2-10 **York Sample ID:** 16D0244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0244	Rowe Industries	Water	April 5, 2016 12:10 pm	04/07/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:06	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NJDEP	04/08/2016 13:06	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*93.3 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*92.3 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.21**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications:	04/08/2016 12:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2016 18:26	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.0697**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications:	04/08/2016 12:32 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/08/2016 15:59	KV

Total Dissolved Solids

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

Sample Information

Client Sample ID: **WQ040516:1210 NP2-10** **York Sample ID:** **16D0244-01**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0244	Rowe Industries	Water	April 5, 2016 12:10 pm	04/07/2016

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**134**		mg/L	10.0	10.0	1	SM 2540C	04/08/2016 15:29	04/08/2016 15:29	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP		

Analytical Batch Summary

Batch ID: BD60381 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16D0242-01	WQ040516:1200 NP2-6	04/08/16
16D0242-02	WQ040516:1205 NP2-7	04/08/16
16D0244-01	WQ040516:1210 NP2-10	04/08/16
BD60381-BLK1	Blank	04/08/16
BD60381-BS1	LCS	04/08/16
BD60381-BSD1	LCS Dup	04/08/16

Batch ID: BD60412 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16D0242-01	WQ040516:1200 NP2-6	04/08/16
16D0242-02	WQ040516:1205 NP2-7	04/08/16
16D0244-01	WQ040516:1210 NP2-10	04/08/16
BD60412-BLK1	Blank	04/08/16
BD60412-SRM1	Reference	04/08/16

Batch ID: BD60414 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16D0242-01	WQ040516:1200 NP2-6	04/08/16
16D0242-02	WQ040516:1205 NP2-7	04/08/16
16D0244-01	WQ040516:1210 NP2-10	04/08/16
BD60414-BLK1	Blank	04/08/16
BD60414-DUP1	Duplicate	04/08/16
BD60414-MS1	Matrix Spike	04/08/16
BD60414-SRM1	Reference	04/08/16

Batch ID: BD60424 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16D0244-01	WQ040516:1210 NP2-10	04/08/16
BD60424-BLK1	Blank	04/08/16

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
Blank (BD60381-BLK1)											Prepared & Analyzed: 04/08/2016
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	0.50	"								
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	2.0	"								
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	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

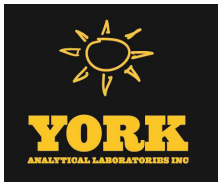
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD60381 - EPA 5030B											
Blank (BD60381-BLK1)							Prepared & Analyzed: 04/08/2016				
p- & m- Xylenes	ND	1.0	ug/L								
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	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*79-122*				
LCS (BD60381-BS1)							Prepared & Analyzed: 04/08/2016				
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	11.9		"	10.0		119	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	54-165				
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	9.78		"	10.0		97.8	68-138				
1,1-Dichloropropylene	11.6		"	10.0		116	83-133				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.99		"	10.0		99.9	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	11.8		"	10.0		118	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	11.7		"	10.0		117	56-150				
2-Chlorotoluene	10.3		"	10.0		103	79-130				
2-Hexanone	8.50		"	10.0		85.0	51-146				
4-Chlorotoluene	10.9		"	10.0		109	79-128				
Acetone	7.10		"	10.0		71.0	14-150				
Benzene	12.0		"	10.0		120	85-126				
Bromobenzene	9.92		"	10.0		99.2	78-129				
Bromochloromethane	12.0		"	10.0		120	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	7.82		"	10.0		78.2	43-168				
Carbon tetrachloride	11.9		"	10.0		119	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS (BD60381-BS1)								Prepared & Analyzed: 04/08/2016			
Chloroethane	11.0		ug/L	10.0		110	65-136				
Chloroform	12.2		"	10.0		122	82-128				
Chloromethane	13.0		"	10.0		130	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	80-131				
Dibromochloromethane	10.8		"	10.0		108	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	9.38		"	10.0		93.8	55-137				
Naphthalene	10.8		"	10.0		108	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	22.3		"	20.0		112	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	10.0		"	10.0		100	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	10.9		"	10.0		109	67-139				
Vinyl Chloride	12.0		"	10.0		120	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				



Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS Dup (BD60381-BSD1)								Prepared & Analyzed: 04/08/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126		0.182	30	
1,1,1-Trichloroethane	12.3		"	10.0		123	78-136		3.29	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		0.590	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.10		"	10.0		91.0	54-165		0.657	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		0.284	30	
1,1-Dichloroethane	11.0		"	10.0		110	82-129		2.38	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		2.72	30	
1,1-Dichloropropylene	11.9		"	10.0		119	83-133		2.63	30	
1,2,3-Trichlorobenzene	13.1		"	10.0		131	76-136		15.4	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		1.61	30	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	76-137		12.9	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		0.370	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147		14.7	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		4.00	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		1.18	30	
1,2-Dichloroethane	11.7		"	10.0		117	73-132		0.598	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		1.64	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		0.662	30	
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122		1.12	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		0.382	30	
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124		2.01	30	
2,2-Dichloropropane	11.8		"	10.0		118	56-150		1.45	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		2.41	30	
2-Hexanone	8.39		"	10.0		83.9	51-146		1.30	30	
4-Chlorotoluene	11.2		"	10.0		112	79-128		3.35	30	
Acetone	8.20		"	10.0		82.0	14-150		14.4	30	
Benzene	12.5		"	10.0		125	85-126		4.33	30	
Bromobenzene	10.0		"	10.0		100	78-129		1.30	30	
Bromochloromethane	12.3		"	10.0		123	77-128		2.48	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		0.862	30	
Bromoform	10.4		"	10.0		104	78-133		1.36	30	
Bromomethane	8.19		"	10.0		81.9	43-168		4.62	30	
Carbon tetrachloride	12.3		"	10.0		123	77-141		3.39	30	
Chlorobenzene	10.8		"	10.0		108	88-120		0.462	30	
Chloroethane	11.0		"	10.0		110	65-136		0.545	30	
Chloroform	12.2		"	10.0		122	82-128		0.245	30	
Chloromethane	12.7		"	10.0		127	43-155		2.88	30	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		1.93	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131		1.19	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		0.740	30	
Dibromomethane	9.77		"	10.0		97.7	72-134		5.28	30	
Dichlorodifluoromethane	12.8		"	10.0		128	44-144		8.02	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		0.831	30	
Hexachlorobutadiene	11.5		"	10.0		115	67-146		4.18	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		1.13	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		2.29	30	
Methylene chloride	9.62		"	10.0		96.2	55-137		2.53	30	
Naphthalene	12.7		"	10.0		127	70-147		16.0	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		1.51	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		0.643	30	
o-Xylene	10.6		"	10.0		106	78-130		0.562	30	

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS Dup (BD60381-BSD1)								Prepared & Analyzed: 04/08/2016			
p- & m- Xylenes	22.0		ug/L	20.0		110	77-133		1.22	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		1.75	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		0.471	30	
Styrene	10.7		"	10.0		107	67-132		0.374	30	
tert-Butylbenzene	10.7		"	10.0		107	77-138		0.936	30	
Tetrachloroethylene	10.4		"	10.0		104	82-131		3.53	30	
Toluene	10.6		"	10.0		106	80-127		2.05	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		2.30	30	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		1.30	30	
Trichloroethylene	10.5		"	10.0		105	82-128		1.42	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		1.19	30	
Vinyl Chloride	11.6		"	10.0		116	58-145		3.46	30	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*9.44*		*"*	*10.0*		*94.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Metals by ICP - 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 BD60412 - EPA 200.7											
Blank (BD60412-BLK1)								Prepared & Analyzed: 04/08/2016			
Iron	ND	0.0200	mg/L								
Reference (BD60412-SRM1)								Prepared & Analyzed: 04/08/2016			
Iron	0.873		ug/mL	0.900		97.0	85-115				
Batch BD60414 - EPA 3015A											
Blank (BD60414-BLK1)								Prepared & Analyzed: 04/08/2016			
Iron - Dissolved	ND	0.0200	mg/L								
Duplicate (BD60414-DUP1)	*Source sample: 16D0242-01 (WQ040516:1200 NP2-6)							Prepared & Analyzed: 04/08/2016			
Iron - Dissolved	0.0514	0.0222	mg/L		0.0555				7.62	20	
Matrix Spike (BD60414-MS1)	*Source sample: 16D0242-01 (WQ040516:1200 NP2-6)							Prepared & Analyzed: 04/08/2016			
Iron - Dissolved	1.09	0.0222	mg/L	1.11	0.0555	93.0	75-125				
Reference (BD60414-SRM1)								Prepared & Analyzed: 04/08/2016			
Iron - Dissolved	0.877		ug/mL	0.900		97.5	85.1-115.1				

Miscellaneous Physical 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 BD60424 - % Solids Prep											
Blank (BD60424-BLK1)											Prepared & Analyzed: 04/08/2016
Total Dissolved Solids	ND	10.0	mg/L								

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16D0242-01	WQ040516:1200 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0242-02	WQ040516:1205 NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0244-01	WQ040516:1210 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16D0242

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. HABSAG.	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 NP2-10 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)

Evan Foster
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 No Residue Forms	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	Inslc.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)
WQ040516:1200 NP2-6	4-5-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus from 113	3 VOA, 2 Plastic
WQ040516:1205 NP2-7	↓	GW	↓	3 VOA, 2 Plastic
WQ040516:1210 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus from 113 / TOS (SM 2540c)	3 VOA, 3 Plastic

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	Samples Received By	Date/Time	Temperature on Receipt
	4/6/16 1000	LBG Fridge	4/6/16 1000	3.7 °C
Samples Relinquished By	Date/Time	Samples Received in LAB By	Date/Time	

Rec'd in 4/7/16 13:55 (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. 16D0244

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: 4Research 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 NP2-10 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)

Evan Foster
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 No Dioxin Furans	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	Inclr. Metals	Air TICs	NYCDEPSewer	TOC
App.IX list	SPLP or TCLP	TCLP BNA	608 Pest	LIST Below	Methane	NYSDECSewr	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)
WQ040516:1200 NP2-6	4-5-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3 VOA, 2 Plastic
WQ040516:1205 NP2-7	↓	GW	↓	3 VOA, 2 Plastic
WQ040516:1210 NP2-10	↓	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)	3 VOA, 3 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	Temperature on Receipt
	4/6/16 1000	LBG Fridge	4/6/16 1000	3.7 °C
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time	
			4/7/16-1614	

Recd 4/7/16 @ 3:55 (system)

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/27/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0792

Report Date: 04/27/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0792

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-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 April 21, 2016 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
16D0792-01	WQ041916:1030NP2-6	Water	04/19/2016	04/21/2016
16D0792-02	WQ041916:1035NP2-7	Water	04/19/2016	04/21/2016
16D0793-01	WQ041916:1040NP2-10	Water	04/19/2016	04/21/2016

General Notes for York Project (SDG) No.: 16D0792

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: 04/27/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ041916:1030NP2-6 **York Sample ID:** 16D0792-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:30 am	04/21/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
71-55-6	**1,1,1-Trichloroethane**	**0.24**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
95-50-1	**1,2-Dichlorobenzene**	**0.89**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:32	SS

Sample Information

Client Sample ID: WQ041916:1030NP2-6 **York Sample ID:** 16D0792-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:30 am	04/21/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
67-64-1	**Acetone**	**3.0**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
156-59-2	**cis-1,2-Dichloroethylene**	**5.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS

Sample Information

Client Sample ID: WQ041916:1030NP2-6 **York Sample ID:** 16D0792-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:30 am	04/21/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854	04/27/2016 00:32	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854	04/27/2016 00:32	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
127-18-4	**Tetrachloroethylene**	**30**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
79-01-6	**Trichloroethylene**	**1.8**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:32	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NJDEP	04/27/2016 00:32	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*109 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*91.7 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*97.6 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: WQ041916:1030NP2-6 **York Sample ID:** 16D0792-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:30 am	04/21/2016

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**10.6**		mg/L	0.0162	0.0222	1	EPA 200.7	04/22/2016 14:29	04/22/2016 19:33	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.118**		mg/L	0.0222	0.0222	1	EPA 6010C	04/22/2016 14:40	04/22/2016 17:16	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: WQ041916:1035NP2-7 **York Sample ID:** 16D0792-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:35 am	04/21/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	NELAC-NY10854,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	NELAC-NY10854,NJDEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	NELAC-NY10854,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 00:58	SS
								Certifications:	NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: WQ041916:1035NP2-7 **York Sample ID:** 16D0792-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:35 am	04/21/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
67-64-1	**Acetone**	**3.0**		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS

Sample Information

Client Sample ID: WQ041916:1035NP2-7 **York Sample ID:** 16D0792-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:35 am	04/21/2016

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/26/2016 16:44	04/27/2016 00:58	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/26/2016 16:44	04/27/2016 00:58	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 00:58	SS

Sample Information

Client Sample ID: WQ041916:1035NP2-7 **York Sample ID:** 16D0792-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0792	Rowe Industries	Water	April 19, 2016 10:35 am	04/21/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 00:58	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NJDEP	04/27/2016 00:58	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*94.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.4 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**3.22**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications:	04/22/2016 14:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/22/2016 19:38	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.124**		mg/L	0.0222	0.0222	1	EPA 6010C Certifications:	04/22/2016 14:40 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/22/2016 17:22	KV

Sample Information

Client Sample ID: WQ041916:1040NP2-10 **York Sample ID:** 16D0793-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0793	Rowe Industries	Water	April 19, 2016 10:40 am	04/21/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS

Sample Information

Client Sample ID: WQ041916:1040NP2-10 **York Sample ID:** 16D0793-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0793	Rowe Industries	Water	April 19, 2016 10:40 am	04/21/2016

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/26/2016 16:44	04/27/2016 01:24	SS

Sample Information

Client Sample ID: WQ041916:1040NP2-10 **York Sample ID:** 16D0793-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0793	Rowe Industries	Water	April 19, 2016 10:40 am	04/21/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	**Acetone**	**2.2**		ug/L	1.0	2.0	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	NELAC-NY10854,NJDEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C	04/26/2016 16:44	04/27/2016 01:24	SS
								Certifications:	CTDOH,NELAC-NY10854,NJDEP		

Sample Information

Client Sample ID: WQ041916:1040NP2-10 **York Sample ID:** 16D0793-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0793	Rowe Industries	Water	April 19, 2016 10:40 am	04/21/2016

Volatile Organics, 8260 List - Low Level

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854	04/27/2016 01:24	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/26/2016 16:44 NELAC-NY10854	04/27/2016 01:24	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NELAC-NY10854,NJDEP	04/27/2016 01:24	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/26/2016 16:44 CTDOH,NJDEP	04/27/2016 01:24	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*93.2 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*98.8 %*	*79-122*

Iron by EPA 200.7

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

Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**1.82**		mg/L	0.0162	0.0222	1	EPA 200.7 Certifications:	04/22/2016 14:29 CTDOH,NELAC-NY10854,NJDEP,PADEP	04/22/2016 19:43	KV

Iron, Dissolved by EPA 6010

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: WQ041916:1040NP2-10 **York Sample ID:** 16D0793-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0793	Rowe Industries	Water	April 19, 2016 10:40 am	04/21/2016

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**0.190**		mg/L	0.0222	0.0222	1	EPA 6010C	04/22/2016 14:40	04/22/2016 17:27	KV
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Total Dissolved Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	**86.0**		mg/L	10.0	10.0	1	SM 2540C	04/21/2016 18:09	04/23/2016 00:14	AA
								Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BD61127 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
16D0793-01	WQ041916:1040NP2-10	04/21/16
BD61127-BLK1	Blank	04/21/16
BD61127-DUP2	Duplicate	04/21/16

Batch ID: BD61188 **Preparation Method:** EPA 200.7 **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16D0792-01	WQ041916:1030NP2-6	04/22/16
16D0792-02	WQ041916:1035NP2-7	04/22/16
16D0793-01	WQ041916:1040NP2-10	04/22/16
BD61188-BLK1	Blank	04/22/16
BD61188-SRM1	Reference	04/22/16

Batch ID: BD61192 **Preparation Method:** EPA 3015A **Prepared By:** ALD

YORK Sample ID	Client Sample ID	Preparation Date
16D0792-01	WQ041916:1030NP2-6	04/22/16
16D0792-02	WQ041916:1035NP2-7	04/22/16
16D0793-01	WQ041916:1040NP2-10	04/22/16
BD61192-BLK1	Blank	04/22/16
BD61192-SRM1	Reference	04/22/16

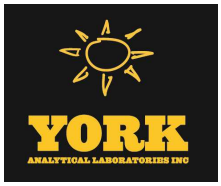
Batch ID: BD61363 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16D0792-01	WQ041916:1030NP2-6	04/26/16
16D0792-02	WQ041916:1035NP2-7	04/26/16
16D0793-01	WQ041916:1040NP2-10	04/26/16
BD61363-BLK1	Blank	04/26/16
BD61363-BS1	LCS	04/26/16
BD61363-BSD1	LCS Dup	04/26/16

Volatile Organic Compounds by GC/MS - 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 BD61363 - EPA 5030B											
Blank (BD61363-BLK1)											Prepared & Analyzed: 04/26/2016
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	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	0.22	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
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	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

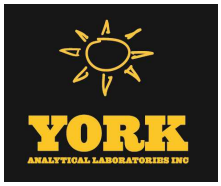
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD61363 - EPA 5030B											
Blank (BD61363-BLK1)								Prepared & Analyzed: 04/26/2016			
p- & m- Xylenes	ND	1.0	ug/L								
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	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: Toluene-d8	*9.28*		*"*	*10.0*		*92.8*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
LCS (BD61363-BS1)								Prepared & Analyzed: 04/26/2016			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126				
1,1,1-Trichloroethane	10.8		"	10.0		108	78-136				
1,1,2,2-Tetrachloroethane	9.99		"	10.0		99.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165				
1,1,2-Trichloroethane	11.2		"	10.0		112	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	10.8		"	10.0		108	83-133				
1,2,3-Trichlorobenzene	11.4		"	10.0		114	76-136				
1,2,3-Trichloropropane	10.4		"	10.0		104	77-128				
1,2,4-Trichlorobenzene	9.62		"	10.0		96.2	76-137				
1,2,4-Trimethylbenzene	9.32		"	10.0		93.2	82-132				
1,2-Dibromo-3-chloropropane	10.9		"	10.0		109	45-147				
1,2-Dibromoethane	11.2		"	10.0		112	83-124				
1,2-Dichlorobenzene	9.82		"	10.0		98.2	79-123				
1,2-Dichloroethane	11.8		"	10.0		118	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	9.42		"	10.0		94.2	80-131				
1,3-Dichlorobenzene	9.69		"	10.0		96.9	86-122				
1,3-Dichloropropane	11.1		"	10.0		111	81-125				
1,4-Dichlorobenzene	9.79		"	10.0		97.9	85-124				
2,2-Dichloropropane	10.8		"	10.0		108	56-150				
2-Chlorotoluene	9.12		"	10.0		91.2	79-130				
2-Hexanone	12.8		"	10.0		128	51-146				
4-Chlorotoluene	9.31		"	10.0		93.1	79-128				
Acetone	16.1		"	10.0		161	14-150	High Bias			
Benzene	10.9		"	10.0		109	85-126				
Bromobenzene	9.44		"	10.0		94.4	78-129				
Bromochloromethane	11.6		"	10.0		116	77-128				
Bromodichloromethane	10.4		"	10.0		104	79-128				
Bromoform	11.6		"	10.0		116	78-133				
Bromomethane	7.07		"	10.0		70.7	43-168				
Carbon tetrachloride	10.9		"	10.0		109	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				

Volatile Organic Compounds by GC/MS - 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 BD61363 - EPA 5030B											
LCS (BD61363-BS1)								Prepared & Analyzed: 04/26/2016			
Chloroethane	10.4		ug/L	10.0		104	65-136				
Chloroform	11.1		"	10.0		111	82-128				
Chloromethane	8.32		"	10.0		83.2	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131				
Dibromochloromethane	11.1		"	10.0		111	80-130				
Dibromomethane	10.9		"	10.0		109	72-134				
Dichlorodifluoromethane	8.00		"	10.0		80.0	44-144				
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	8.96		"	10.0		89.6	67-146				
Isopropylbenzene	9.37		"	10.0		93.7	76-140				
Methyl tert-butyl ether (MTBE)	12.0		"	10.0		120	76-135				
Methylene chloride	11.0		"	10.0		110	55-137				
Naphthalene	10.7		"	10.0		107	70-147				
n-Butylbenzene	8.85		"	10.0		88.5	79-132				
n-Propylbenzene	9.12		"	10.0		91.2	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.0		"	20.0		105	77-133				
p-Isopropyltoluene	9.30		"	10.0		93.0	81-136				
sec-Butylbenzene	9.27		"	10.0		92.7	79-137				
Styrene	10.8		"	10.0		108	67-132				
tert-Butylbenzene	9.39		"	10.0		93.9	77-138				
Tetrachloroethylene	15.0		"	10.0		150	82-131	High Bias			
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	11.2		"	10.0		112	78-131				
Trichloroethylene	9.95		"	10.0		99.5	82-128				
Trichlorofluoromethane	9.86		"	10.0		98.6	67-139				
Vinyl Chloride	10.0		"	10.0		100	58-145				
Surrogate: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: Toluene-d8	*9.55*		*"*	*10.0*		*95.5*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.36*		*"*	*10.0*		*93.6*	*79-122*				



Volatile Organic Compounds by GC/MS - 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 BD61363 - EPA 5030B											
LCS Dup (BD61363-BSD1)								Prepared & Analyzed: 04/26/2016			
1,1,1,2-Tetrachloroethane	10.5		ug/L	10.0		105	82-126		0.190	30	
1,1,1-Trichloroethane	10.6		"	10.0		106	78-136		2.25	30	
1,1,2,2-Tetrachloroethane	10.8		"	10.0		108	76-129		8.25	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		0.579	30	
1,1,2-Trichloroethane	11.0		"	10.0		110	82-123		1.35	30	
1,1-Dichloroethane	10.9		"	10.0		109	82-129		0.183	30	
1,1-Dichloroethylene	10.6		"	10.0		106	68-138		0.471	30	
1,1-Dichloropropylene	10.7		"	10.0		107	83-133		1.12	30	
1,2,3-Trichlorobenzene	10.9		"	10.0		109	76-136		4.83	30	
1,2,3-Trichloropropane	10.9		"	10.0		109	77-128		4.70	30	
1,2,4-Trichlorobenzene	9.32		"	10.0		93.2	76-137		3.17	30	
1,2,4-Trimethylbenzene	9.85		"	10.0		98.5	82-132		5.53	30	
1,2-Dibromo-3-chloropropane	10.8		"	10.0		108	45-147		0.552	30	
1,2-Dibromoethane	11.3		"	10.0		113	83-124		1.15	30	
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123		4.48	30	
1,2-Dichloroethane	11.7		"	10.0		117	73-132		0.938	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		1.46	30	
1,3,5-Trimethylbenzene	9.83		"	10.0		98.3	80-131		4.26	30	
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122		3.85	30	
1,3-Dichloropropane	11.1		"	10.0		111	81-125		0.270	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		3.81	30	
2,2-Dichloropropane	10.6		"	10.0		106	56-150		1.40	30	
2-Chlorotoluene	9.59		"	10.0		95.9	79-130		5.02	30	
2-Hexanone	11.3		"	10.0		113	51-146		12.4	30	
4-Chlorotoluene	9.75		"	10.0		97.5	79-128		4.62	30	
Acetone	11.0		"	10.0		110	14-150		37.4	30	Non-dir.
Benzene	11.0		"	10.0		110	85-126		0.640	30	
Bromobenzene	9.98		"	10.0		99.8	78-129		5.56	30	
Bromochloromethane	12.3		"	10.0		123	77-128		6.10	30	
Bromodichloromethane	10.3		"	10.0		103	79-128		0.966	30	
Bromoform	11.4		"	10.0		114	78-133		1.30	30	
Bromomethane	8.16		"	10.0		81.6	43-168		14.3	30	
Carbon tetrachloride	10.8		"	10.0		108	77-141		1.20	30	
Chlorobenzene	10.4		"	10.0		104	88-120		0.669	30	
Chloroethane	10.1		"	10.0		101	65-136		2.63	30	
Chloroform	10.8		"	10.0		108	82-128		2.38	30	
Chloromethane	8.06		"	10.0		80.6	43-155		3.17	30	
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129		0.635	30	
cis-1,3-Dichloropropylene	10.7		"	10.0		107	80-131		0.468	30	
Dibromochloromethane	11.0		"	10.0		110	80-130		0.814	30	
Dibromomethane	10.7		"	10.0		107	72-134		1.76	30	
Dichlorodifluoromethane	7.97		"	10.0		79.7	44-144		0.376	30	
Ethyl Benzene	10.2		"	10.0		102	80-131		0.00	30	
Hexachlorobutadiene	9.30		"	10.0		93.0	67-146		3.72	30	
Isopropylbenzene	9.82		"	10.0		98.2	76-140		4.69	30	
Methyl tert-butyl ether (MTBE)	12.0		"	10.0		120	76-135		0.667	30	
Methylene chloride	11.1		"	10.0		111	55-137		1.27	30	
Naphthalene	10.1		"	10.0		101	70-147		5.47	30	
n-Butylbenzene	9.41		"	10.0		94.1	79-132		6.13	30	
n-Propylbenzene	9.65		"	10.0		96.5	78-133		5.65	30	
o-Xylene	10.4		"	10.0		104	78-130		0.481	30	

Volatile Organic Compounds by GC/MS - 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 BD61363 - EPA 5030B											
LCS Dup (BD61363-BSD1)							Prepared & Analyzed: 04/26/2016				
p- & m- Xylenes	20.8		ug/L	20.0		104	77-133		0.814	30	
p-Isopropyltoluene	9.75		"	10.0		97.5	81-136		4.72	30	
sec-Butylbenzene	9.80		"	10.0		98.0	79-137		5.56	30	
Styrene	10.7		"	10.0		107	67-132		1.30	30	
tert-Butylbenzene	9.81		"	10.0		98.1	77-138		4.37	30	
Tetrachloroethylene	9.86		"	10.0		98.6	82-131		41.5	30	Non-dir.
Toluene	10.0		"	10.0		100	80-127		0.892	30	
trans-1,2-Dichloroethylene	10.7		"	10.0		107	80-132		1.11	30	
trans-1,3-Dichloropropylene	11.0		"	10.0		110	78-131		1.90	30	
Trichloroethylene	9.79		"	10.0		97.9	82-128		1.62	30	
Trichlorofluoromethane	9.89		"	10.0		98.9	67-139		0.304	30	
Vinyl Chloride	10.1		"	10.0		101	58-145		0.892	30	
Surrogate: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: Toluene-d8	*9.41*		*"*	*10.0*		*94.1*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				

Metals by ICP - 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 BD61188 - EPA 200.7											
Blank (BD61188-BLK1)								Prepared & Analyzed: 04/22/2016			
Iron	ND	0.0200	mg/L								
Reference (BD61188-SRM1)								Prepared & Analyzed: 04/22/2016			
Iron	0.887		ug/mL	0.900		98.5	85-115				
Batch BD61192 - EPA 3015A											
Blank (BD61192-BLK1)								Prepared & Analyzed: 04/22/2016			
Iron - Dissolved	ND	0.0200	mg/L								
Reference (BD61192-SRM1)								Prepared & Analyzed: 04/22/2016			
Iron - Dissolved	0.881		ug/mL	0.900		97.8	85-115				

Miscellaneous Physical 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 BD61127 - % Solids Prep											
Blank (BD61127-BLK1)									Prepared: 04/21/2016 Analyzed: 04/23/2016		
Total Dissolved Solids	ND	10.0	mg/L								
Duplicate (BD61127-DUP2)	*Source sample: 16D0793-01 (WQ041916:1040NP2-10)								Prepared: 04/21/2016 Analyzed: 04/23/2016		
Total Dissolved Solids	83.0	10.0	mg/L		86.0				3.55	15	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16D0792-01	WQ041916:1030NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0792-02	WQ041916:1035NP2-7	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0793-01	WQ041916:1040NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

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/LOD) or in the case of a TIC, the result is an estimated concentration.

---

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16D0792

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.

Samples Collected/Authorized By (Signature)

Evan Foster
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 No Duplex Forms	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)
WB041916: 1030 NP2-6	4-19-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3 voa, 2 plastic
WB041916: 1035 NP2-7	↓	GW	↓	3 voa, 2 plastic
WB041916: 1040 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260A) plus freon 113 / TDS (SM 2540c)	3 voa, 3 plastic

Comments

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

4°C 1 Frozen ___ HCl ✓ MeOH ___ HNO3 ✓ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other ___

Samples Relinquished By: [signature] 4/20/16 08:00 Date/Time
Samples Relinquished By: ___ Date/Time

Samples Received By: LBG Fridge 4/20/16 08:00 Date/Time
Samples Received in LAB by: J. Bale 4/21/16 1525 Date/Time

Temperature on Receipt 4.3 °C

Rec'd 4/21/16 14:11 (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. 16D0793

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

Evan Foster
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 No Dioxins/Furans	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)
WB041916:1030 NP2-6	4-19-16	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs, 8260 List (EPA SW846-8260B) plus freon 113	3voa, 2plastic
WB041916:1035 NP2-7	↓	GW	↓	3voa, 2plastic
WB041916:1040 NP2-10	↓	GW	Fe by EPA 200.7 / Fe, Dissolved by EPA 6010 (SW846-6010B) / VOCs 8260 List (EPA SW846-8260B) plus freon 113 / TOS (SM 2540c)	3voa, 3plastic

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	Samples Received By	Date/Time
	4/20/16 08:00	LBG Fridge	4/20/16 08:00
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		J. Bak	4/21/16 1525

Temperature on Receipt 4.3 °C

Rec'd LA 4/21/16 14:11 (system)

APPENDIX II
APRIL 2016 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/12/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0251

Report Date: 04/12/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0251

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-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 April 07, 2016 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
16D0251-01	WQ040516:1100 FRW-1	Water	04/05/2016	04/07/2016
16D0251-02	WQ040516:1105 FRW-2	Water	04/05/2016	04/07/2016
16D0251-03	WQ040516:1110 FRW-3	Water	04/05/2016	04/07/2016
16D0251-04	WQ040516:1115 FRW-4	Water	04/05/2016	04/07/2016

General Notes for York Project (SDG) No.: 16D0251

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: 04/12/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: WQ040516:1100 FRW-1 **York Sample ID:** 16D0251-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:00 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
71-55-6	**1,1,1-Trichloroethane**	**1.1**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS

Sample Information

Client Sample ID: WQ040516:1100 FRW-1 **York Sample ID:** 16D0251-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:00 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
156-59-2	**cis-1,2-Dichloroethylene**	**7.9**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 13:36	SS

Sample Information

Client Sample ID: WQ040516:1100 FRW-1 **York Sample ID:** 16D0251-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:00 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 13:36	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 13:36	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
127-18-4	**Tetrachloroethylene**	**140**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
79-01-6	**Trichloroethylene**	**4.0**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/08/2016 08:32	04/08/2016 13:36	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*95.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*95.3 %*	*79-122*

Sample Information

Client Sample ID: WQ040516:1105 FRW-2 | **York Sample ID:** 16D0251-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:05 am	04/07/2016

Volatile Organics, 8260 List - Low Level | **Log-in Notes:** | **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:05	SS

Sample Information

Client Sample ID: WQ040516:1105 FRW-2 **York Sample ID:** 16D0251-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:05 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
156-59-2	**cis-1,2-Dichloroethylene**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:05	SS

Sample Information

Client Sample ID: WQ040516:1105 FRW-2 **York Sample ID:** 16D0251-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:05 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854	04/08/2016 14:05	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854	04/08/2016 14:05	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
127-18-4	**Tetrachloroethylene**	**32**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
79-01-6	**Trichloroethylene**	**0.72**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:05	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NJDEP	04/08/2016 14:05	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*94.7 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*103 %*	*79-122*

Sample Information

Client Sample ID: WQ040516:1110 FRW-3 **York Sample ID:** 16D0251-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:10 am	04/07/2016

Sample Information

Client Sample ID: WQ040516:1110 FRW-3 **York Sample ID:** 16D0251-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:10 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 14:35	SS

Sample Information

Client Sample ID: WQ040516:1110 FRW-3 **York Sample ID:** 16D0251-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:10 am	04/07/2016

Volatile Organics, 8260 List - Low Level **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
156-59-2	**cis-1,2-Dichloroethylene**	**24**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
98-82-8	**Isopropylbenzene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS

Sample Information

Client Sample ID: WQ040516:1110 FRW-3 **York Sample ID:** 16D0251-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:10 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
103-65-1	**n-Propylbenzene**	**0.44**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 14:35	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 14:35	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
127-18-4	**Tetrachloroethylene**	**43**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
108-88-3	**Toluene**	**1.2**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
79-01-6	**Trichloroethylene**	**2.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
75-01-4	**Vinyl Chloride**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/08/2016 08:32	04/08/2016 14:35	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.6 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*89.6 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*113 %*	*79-122*

Sample Information

Client Sample ID: WQ040516:1115 FRW-4 **York Sample ID:** 16D0251-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:15 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS

Sample Information

Client Sample ID: WQ040516:1115 FRW-4 **York Sample ID:** 16D0251-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:15 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
156-59-2	**cis-1,2-Dichloroethylene**	**3.5**		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:04	SS
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:04	SS

Sample Information

Client Sample ID: WQ040516:1115 FRW-4 **York Sample ID:** 16D0251-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0251	Rowe Industries	Water	April 5, 2016 11:15 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 15:04	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 15:04	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
127-18-4	**Tetrachloroethylene**	**11**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
79-01-6	**Trichloroethylene**	**0.70**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/08/2016 08:32	04/08/2016 15:04	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*91.4 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*97.1 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*106 %*	*79-122*

Analytical Batch Summary

Batch ID: BD60381 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16D0251-01	WQ040516:1100 FRW-1	04/08/16
16D0251-02	WQ040516:1105 FRW-2	04/08/16
16D0251-03	WQ040516:1110 FRW-3	04/08/16
16D0251-04	WQ040516:1115 FRW-4	04/08/16
BD60381-BLK1	Blank	04/08/16
BD60381-BS1	LCS	04/08/16
BD60381-BSD1	LCS Dup	04/08/16

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
Blank (BD60381-BLK1)											Prepared & Analyzed: 04/08/2016
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	0.50	"								
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	2.0	"								
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	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

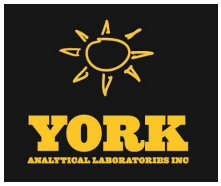
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD60381 - EPA 5030B											
Blank (BD60381-BLK1)								Prepared & Analyzed: 04/08/2016			
p- & m- Xylenes	ND	1.0	ug/L								
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	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*79-122*				
LCS (BD60381-BS1)								Prepared & Analyzed: 04/08/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	11.9		"	10.0		119	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	54-165				
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	9.78		"	10.0		97.8	68-138				
1,1-Dichloropropylene	11.6		"	10.0		116	83-133				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.99		"	10.0		99.9	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	11.8		"	10.0		118	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	11.7		"	10.0		117	56-150				
2-Chlorotoluene	10.3		"	10.0		103	79-130				
2-Hexanone	8.50		"	10.0		85.0	51-146				
4-Chlorotoluene	10.9		"	10.0		109	79-128				
Acetone	7.10		"	10.0		71.0	14-150				
Benzene	12.0		"	10.0		120	85-126				
Bromobenzene	9.92		"	10.0		99.2	78-129				
Bromochloromethane	12.0		"	10.0		120	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	7.82		"	10.0		78.2	43-168				
Carbon tetrachloride	11.9		"	10.0		119	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS (BD60381-BS1)								Prepared & Analyzed: 04/08/2016			
Chloroethane	11.0		ug/L	10.0		110	65-136				
Chloroform	12.2		"	10.0		122	82-128				
Chloromethane	13.0		"	10.0		130	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	80-131				
Dibromochloromethane	10.8		"	10.0		108	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	9.38		"	10.0		93.8	55-137				
Naphthalene	10.8		"	10.0		108	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	22.3		"	20.0		112	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	10.0		"	10.0		100	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	10.9		"	10.0		109	67-139				
Vinyl Chloride	12.0		"	10.0		120	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				



Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS Dup (BD60381-BSD1)								Prepared & Analyzed: 04/08/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126		0.182	30	
1,1,1-Trichloroethane	12.3		"	10.0		123	78-136		3.29	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		0.590	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.10		"	10.0		91.0	54-165		0.657	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		0.284	30	
1,1-Dichloroethane	11.0		"	10.0		110	82-129		2.38	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		2.72	30	
1,1-Dichloropropylene	11.9		"	10.0		119	83-133		2.63	30	
1,2,3-Trichlorobenzene	13.1		"	10.0		131	76-136		15.4	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		1.61	30	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	76-137		12.9	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		0.370	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147		14.7	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		4.00	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		1.18	30	
1,2-Dichloroethane	11.7		"	10.0		117	73-132		0.598	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		1.64	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		0.662	30	
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122		1.12	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		0.382	30	
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124		2.01	30	
2,2-Dichloropropane	11.8		"	10.0		118	56-150		1.45	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		2.41	30	
2-Hexanone	8.39		"	10.0		83.9	51-146		1.30	30	
4-Chlorotoluene	11.2		"	10.0		112	79-128		3.35	30	
Acetone	8.20		"	10.0		82.0	14-150		14.4	30	
Benzene	12.5		"	10.0		125	85-126		4.33	30	
Bromobenzene	10.0		"	10.0		100	78-129		1.30	30	
Bromochloromethane	12.3		"	10.0		123	77-128		2.48	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		0.862	30	
Bromoform	10.4		"	10.0		104	78-133		1.36	30	
Bromomethane	8.19		"	10.0		81.9	43-168		4.62	30	
Carbon tetrachloride	12.3		"	10.0		123	77-141		3.39	30	
Chlorobenzene	10.8		"	10.0		108	88-120		0.462	30	
Chloroethane	11.0		"	10.0		110	65-136		0.545	30	
Chloroform	12.2		"	10.0		122	82-128		0.245	30	
Chloromethane	12.7		"	10.0		127	43-155		2.88	30	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		1.93	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131		1.19	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		0.740	30	
Dibromomethane	9.77		"	10.0		97.7	72-134		5.28	30	
Dichlorodifluoromethane	12.8		"	10.0		128	44-144		8.02	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		0.831	30	
Hexachlorobutadiene	11.5		"	10.0		115	67-146		4.18	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		1.13	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		2.29	30	
Methylene chloride	9.62		"	10.0		96.2	55-137		2.53	30	
Naphthalene	12.7		"	10.0		127	70-147		16.0	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		1.51	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		0.643	30	
o-Xylene	10.6		"	10.0		106	78-130		0.562	30	

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS Dup (BD60381-BSD1)								Prepared & Analyzed: 04/08/2016			
p- & m- Xylenes	22.0		ug/L	20.0		110	77-133		1.22	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		1.75	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		0.471	30	
Styrene	10.7		"	10.0		107	67-132		0.374	30	
tert-Butylbenzene	10.7		"	10.0		107	77-138		0.936	30	
Tetrachloroethylene	10.4		"	10.0		104	82-131		3.53	30	
Toluene	10.6		"	10.0		106	80-127		2.05	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		2.30	30	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		1.30	30	
Trichloroethylene	10.5		"	10.0		105	82-128		1.42	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		1.19	30	
Vinyl Chloride	11.6		"	10.0		116	58-145		3.46	30	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*9.44*		*"*	*10.0*		*94.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16D0251-01	WQ040516:1100 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0251-02	WQ040516:1105 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0251-03	WQ040516:1110 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
16D0251-04	WQ040516:1115 FRW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

---

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16D0251

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.	NABSA6	RUSH - Two Day ☐	CT RCP Package
Contact Person: Tunde Sandor	Attention:	Attention:	Samples from: CT___ NY X NJ___	RUSH - Three Day ☐	CTRCP DQA/DUE Pkg
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:		RUSH - Four Day ☐	NY ASP A Package
				Standard(5-7 Days) ☒	NY ASP B Package X, 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): Evan Foster

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 No Dioxins/Furans	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

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)
WQ040516:1100 FRW-1	4-5-16	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3VOA
WQ040516:1105 FRW-2	↓	↓	"	"
WQ040516:1110 FRW-3	↓	↓	"	"
WQ040516:1115 FRW-4	↓	↓	"	"

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]	4/6/16 1000	LBG-Fridge	4/6/16 1000
Samples Relinquished By	Date/Time	Samples Received in LAB by	Date/Time
		[signature]	4/7/16-1614

Temperature on Receipt: 3.7 °C

Rec'd AT 4/7/16 13:15

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/12/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0254

Report Date: 04/12/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0254

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-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 April 07, 2016 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
16D0254-01	GWQ040516:1130 NP1-1-2	Water	04/05/2016	04/07/2016

General Notes for York Project (SDG) No.: 16D0254

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: 04/12/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: GWQ040516:1130 NP1-1-2 **York Sample ID:** 16D0254-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0254	Rowe Industries	Water	April 5, 2016 11:30 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
71-55-6	**1,1,1-Trichloroethane**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
142-28-9	1,3-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
594-20-7	2,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
95-49-8	2-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS

Sample Information

Client Sample ID: GWQ040516:1130 NP1-1-2 **York Sample ID:** 16D0254-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0254	Rowe Industries	Water	April 5, 2016 11:30 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
106-43-4	4-Chlorotoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
108-86-1	Bromobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications:	04/08/2016 08:32 CTDOH,NELAC-NY10854,NJDEP	04/08/2016 15:33	SS

Sample Information

Client Sample ID: GWQ040516:1130 NP1-1-2 **York Sample ID:** 16D0254-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0254	Rowe Industries	Water	April 5, 2016 11:30 am	04/07/2016

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-20-3	Naphthalene	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 15:33	SS
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: NELAC-NY10854	04/08/2016 08:32	04/08/2016 15:33	SS
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
127-18-4	**Tetrachloroethylene**	**0.37**	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
79-01-6	**Trichloroethylene**	**0.55**		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS
1330-20-7	* Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NJDEP	04/08/2016 08:32	04/08/2016 15:33	SS

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: 1,2-Dichloroethane-d4*	*99.5 %*	*69-130*
2037-26-5	*Surrogate: Toluene-d8*	*92.5 %*	*81-117*
460-00-4	*Surrogate: p-Bromofluorobenzene*	*105 %*	*79-122*

Analytical Batch Summary

Batch ID: BD60381 **Preparation Method:** EPA 5030B **Prepared By:** BGS

YORK Sample ID	Client Sample ID	Preparation Date
16D0254-01	GWQ040516:1130 NP1-1-2	04/08/16
BD60381-BLK1	Blank	04/08/16
BD60381-BS1	LCS	04/08/16
BD60381-BSD1	LCS Dup	04/08/16

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
Blank (BD60381-BLK1)									Prepared & Analyzed: 04/08/2016		
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	0.50	"								
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	2.0	"								
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	ND	2.0	"								
Naphthalene	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

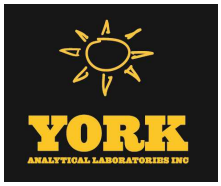
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BD60381 - EPA 5030B											
Blank (BD60381-BLK1)								Prepared & Analyzed: 04/08/2016			
p- & m- Xylenes	ND	1.0	ug/L								
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	*9.74*		*"*	*10.0*		*97.4*	*69-130*				
Surrogate: Toluene-d8	*9.37*		*"*	*10.0*		*93.7*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.51*		*"*	*10.0*		*95.1*	*79-122*				
LCS (BD60381-BS1)								Prepared & Analyzed: 04/08/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	11.9		"	10.0		119	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.16		"	10.0		91.6	54-165				
1,1,2-Trichloroethane	10.6		"	10.0		106	82-123				
1,1-Dichloroethane	10.8		"	10.0		108	82-129				
1,1-Dichloroethylene	9.78		"	10.0		97.8	68-138				
1,1-Dichloropropylene	11.6		"	10.0		116	83-133				
1,2,3-Trichlorobenzene	11.2		"	10.0		112	76-136				
1,2,3-Trichloropropane	10.5		"	10.0		105	77-128				
1,2,4-Trichlorobenzene	10.4		"	10.0		104	76-137				
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132				
1,2-Dibromo-3-chloropropane	9.99		"	10.0		99.9	45-147				
1,2-Dibromoethane	10.7		"	10.0		107	83-124				
1,2-Dichlorobenzene	10.1		"	10.0		101	79-123				
1,2-Dichloroethane	11.8		"	10.0		118	73-132				
1,2-Dichloropropane	10.4		"	10.0		104	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	10.7		"	10.0		107	86-122				
1,3-Dichloropropane	10.5		"	10.0		105	81-125				
1,4-Dichlorobenzene	11.1		"	10.0		111	85-124				
2,2-Dichloropropane	11.7		"	10.0		117	56-150				
2-Chlorotoluene	10.3		"	10.0		103	79-130				
2-Hexanone	8.50		"	10.0		85.0	51-146				
4-Chlorotoluene	10.9		"	10.0		109	79-128				
Acetone	7.10		"	10.0		71.0	14-150				
Benzene	12.0		"	10.0		120	85-126				
Bromobenzene	9.92		"	10.0		99.2	78-129				
Bromochloromethane	12.0		"	10.0		120	77-128				
Bromodichloromethane	10.5		"	10.0		105	79-128				
Bromoform	10.2		"	10.0		102	78-133				
Bromomethane	7.82		"	10.0		78.2	43-168				
Carbon tetrachloride	11.9		"	10.0		119	77-141				
Chlorobenzene	10.8		"	10.0		108	88-120				

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS (BD60381-BS1)								Prepared & Analyzed: 04/08/2016			
Chloroethane	11.0		ug/L	10.0		110	65-136				
Chloroform	12.2		"	10.0		122	82-128				
Chloromethane	13.0		"	10.0		130	43-155				
cis-1,2-Dichloroethylene	11.3		"	10.0		113	83-129				
cis-1,3-Dichloropropylene	11.0		"	10.0		110	80-131				
Dibromochloromethane	10.8		"	10.0		108	80-130				
Dibromomethane	10.3		"	10.0		103	72-134				
Dichlorodifluoromethane	11.8		"	10.0		118	44-144				
Ethyl Benzene	10.9		"	10.0		109	80-131				
Hexachlorobutadiene	11.0		"	10.0		110	67-146				
Isopropylbenzene	10.6		"	10.0		106	76-140				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135				
Methylene chloride	9.38		"	10.0		93.8	55-137				
Naphthalene	10.8		"	10.0		108	70-147				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	10.9		"	10.0		109	78-133				
o-Xylene	10.7		"	10.0		107	78-130				
p- & m- Xylenes	22.3		"	20.0		112	77-133				
p-Isopropyltoluene	10.8		"	10.0		108	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	10.7		"	10.0		107	67-132				
tert-Butylbenzene	10.6		"	10.0		106	77-138				
Tetrachloroethylene	10.0		"	10.0		100	82-131				
Toluene	10.8		"	10.0		108	80-127				
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	78-131				
Trichloroethylene	10.6		"	10.0		106	82-128				
Trichlorofluoromethane	10.9		"	10.0		109	67-139				
Vinyl Chloride	12.0		"	10.0		120	58-145				
Surrogate: 1,2-Dichloroethane-d4	*9.69*		*"*	*10.0*		*96.9*	*69-130*				
Surrogate: Toluene-d8	*9.42*		*"*	*10.0*		*94.2*	*81-117*				
Surrogate: p-Bromofluorobenzene	*9.85*		*"*	*10.0*		*98.5*	*79-122*				



Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS Dup (BD60381-BSD1)								Prepared & Analyzed: 04/08/2016			
1,1,1,2-Tetrachloroethane	11.0		ug/L	10.0		110	82-126		0.182	30	
1,1,1-Trichloroethane	12.3		"	10.0		123	78-136		3.29	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		0.590	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.10		"	10.0		91.0	54-165		0.657	30	
1,1,2-Trichloroethane	10.5		"	10.0		105	82-123		0.284	30	
1,1-Dichloroethane	11.0		"	10.0		110	82-129		2.38	30	
1,1-Dichloroethylene	10.0		"	10.0		100	68-138		2.72	30	
1,1-Dichloropropylene	11.9		"	10.0		119	83-133		2.63	30	
1,2,3-Trichlorobenzene	13.1		"	10.0		131	76-136		15.4	30	
1,2,3-Trichloropropane	10.7		"	10.0		107	77-128		1.61	30	
1,2,4-Trichlorobenzene	11.9		"	10.0		119	76-137		12.9	30	
1,2,4-Trimethylbenzene	10.8		"	10.0		108	82-132		0.370	30	
1,2-Dibromo-3-chloropropane	11.6		"	10.0		116	45-147		14.7	30	
1,2-Dibromoethane	10.3		"	10.0		103	83-124		4.00	30	
1,2-Dichlorobenzene	10.2		"	10.0		102	79-123		1.18	30	
1,2-Dichloroethane	11.7		"	10.0		117	73-132		0.598	30	
1,2-Dichloropropane	10.3		"	10.0		103	78-126		1.64	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		0.662	30	
1,3-Dichlorobenzene	10.8		"	10.0		108	86-122		1.12	30	
1,3-Dichloropropane	10.5		"	10.0		105	81-125		0.382	30	
1,4-Dichlorobenzene	10.9		"	10.0		109	85-124		2.01	30	
2,2-Dichloropropane	11.8		"	10.0		118	56-150		1.45	30	
2-Chlorotoluene	10.5		"	10.0		105	79-130		2.41	30	
2-Hexanone	8.39		"	10.0		83.9	51-146		1.30	30	
4-Chlorotoluene	11.2		"	10.0		112	79-128		3.35	30	
Acetone	8.20		"	10.0		82.0	14-150		14.4	30	
Benzene	12.5		"	10.0		125	85-126		4.33	30	
Bromobenzene	10.0		"	10.0		100	78-129		1.30	30	
Bromochloromethane	12.3		"	10.0		123	77-128		2.48	30	
Bromodichloromethane	10.4		"	10.0		104	79-128		0.862	30	
Bromoform	10.4		"	10.0		104	78-133		1.36	30	
Bromomethane	8.19		"	10.0		81.9	43-168		4.62	30	
Carbon tetrachloride	12.3		"	10.0		123	77-141		3.39	30	
Chlorobenzene	10.8		"	10.0		108	88-120		0.462	30	
Chloroethane	11.0		"	10.0		110	65-136		0.545	30	
Chloroform	12.2		"	10.0		122	82-128		0.245	30	
Chloromethane	12.7		"	10.0		127	43-155		2.88	30	
cis-1,2-Dichloroethylene	11.5		"	10.0		115	83-129		1.93	30	
cis-1,3-Dichloropropylene	10.9		"	10.0		109	80-131		1.19	30	
Dibromochloromethane	10.8		"	10.0		108	80-130		0.740	30	
Dibromomethane	9.77		"	10.0		97.7	72-134		5.28	30	
Dichlorodifluoromethane	12.8		"	10.0		128	44-144		8.02	30	
Ethyl Benzene	10.8		"	10.0		108	80-131		0.831	30	
Hexachlorobutadiene	11.5		"	10.0		115	67-146		4.18	30	
Isopropylbenzene	10.7		"	10.0		107	76-140		1.13	30	
Methyl tert-butyl ether (MTBE)	11.0		"	10.0		110	76-135		2.29	30	
Methylene chloride	9.62		"	10.0		96.2	55-137		2.53	30	
Naphthalene	12.7		"	10.0		127	70-147		16.0	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		1.51	30	
n-Propylbenzene	10.9		"	10.0		109	78-133		0.643	30	
o-Xylene	10.6		"	10.0		106	78-130		0.562	30	

Volatile Organic Compounds by GC/MS - 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 BD60381 - EPA 5030B											
LCS Dup (BD60381-BSD1)								Prepared & Analyzed: 04/08/2016			
p- & m- Xylenes	22.0		ug/L	20.0		110	77-133		1.22	30	
p-Isopropyltoluene	10.9		"	10.0		109	81-136		1.75	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		0.471	30	
Styrene	10.7		"	10.0		107	67-132		0.374	30	
tert-Butylbenzene	10.7		"	10.0		107	77-138		0.936	30	
Tetrachloroethylene	10.4		"	10.0		104	82-131		3.53	30	
Toluene	10.6		"	10.0		106	80-127		2.05	30	
trans-1,2-Dichloroethylene	11.0		"	10.0		110	80-132		2.30	30	
trans-1,3-Dichloropropylene	10.7		"	10.0		107	78-131		1.30	30	
Trichloroethylene	10.5		"	10.0		105	82-128		1.42	30	
Trichlorofluoromethane	11.0		"	10.0		110	67-139		1.19	30	
Vinyl Chloride	11.6		"	10.0		116	58-145		3.46	30	
Surrogate: 1,2-Dichloroethane-d4	*10.0*		*"*	*10.0*		*100*	*69-130*				
Surrogate: Toluene-d8	*9.44*		*"*	*10.0*		*94.4*	*81-117*				
Surrogate: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
16D0254-01	GWQ040516:1130 NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Notes and Definitions

J — Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

---

* — Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.

ND — NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)

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

LOQ — LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.

LOD — LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL — METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.

Reported to — This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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. 16D0254

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.
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
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)
Evan Foster
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 No Dioxins/Furans	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)
GW20405161130 NPI-12	4-5-16	GW	VOC 8260 full list (EPA SW846-8260B) plus freon 113	3 VOA

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 ☐

Comments

Samples Relinquished By — Date/Time: 4/6/16 1000
Samples Relinquished By — Date/Time:
Samples Received By: LBG Fridge — Date/Time: 4/6/16 1000
Samples Received in LAB by: J. Dale — Date/Time: 4/7/16-1614

Temperature on Receipt 3.7 °C

Rec'd IA 4/7/16 13:55

(RW & FAW)

APPENDIX III

APRIL 2016 LABORATORY ANALYTICAL REPORTS FOR AIR SAMPLES

Technical Report

prepared for:

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 04/28/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0789

Revision No. 1.0

Report Date: 04/28/2016
Client Project ID: Rowe Industries
York Project (SDG) No.: 16D0789

Leggette Brashears & Graham Shelton Office
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-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 April 21, 2016 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
16D0789-01	AQ041916:1100NP4-1	Air	04/19/2016	04/21/2016
16D0789-02	AQ041916:1105NP4-2	Air	04/19/2016	04/21/2016
16D0789-03	AQ041916:1110NP4-3	Air	04/19/2016	04/21/2016

General Notes for York Project (SDG) No.: 16D0789

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: 04/28/2016

Benjamin Gulizia
Laboratory Director

Sample Information

Client Sample ID: AQ041916:1100NP4-1 **York Sample ID:** 16D0789-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:00 am	04/21/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications:	04/26/2016 15:30	04/26/2016 15:30	LDS
71-55-6	**1,1,1-Trichloroethane**	**2.2**		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**0.84**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications:	04/26/2016 15:30	04/26/2016 15:30	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
78-93-3	**2-Butanone**	**1.4**		ug/m³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
591-78-6	* 2-Hexanone	ND		ug/m³	0.82	0.82	1	EPA TO-15 Certifications:	04/26/2016 15:30	04/26/2016 15:30	LDS

Sample Information

Client Sample ID: AQ041916:1100NP4-1 **York Sample ID:** 16D0789-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:00 am	04/21/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854	04/26/2016 15:30	04/26/2016 15:30	LDS
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
67-64-1	**Acetone**	**27**		ug/m³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY10854	04/26/2016 15:30	04/26/2016 15:30	LDS
71-43-2	**Benzene**	**0.80**		ug/m³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-00-3	Chloroethane	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
67-66-3	Chloroform	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
74-87-3	**Chloromethane**	**1.3**		ug/m³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**44**		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications:	04/26/2016 15:30	04/26/2016 15:30	LDS
100-41-4	**Ethyl Benzene**	**0.61**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS

Sample Information

Client Sample ID: AQ041916:1100NP4-1 **York Sample ID:** 16D0789-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:00 am	04/21/2016

Volatile Organics, EPA TO15 Full List

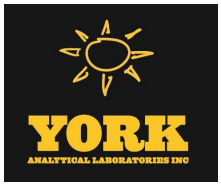
Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-63-0	Isopropanol	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-09-2	**Methylene chloride**	**5.5**		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
142-82-5	n-Heptane	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
110-54-3	**n-Hexane**	**0.95**		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
95-47-6	**o-Xylene**	**1.0**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
179601-23-1	**p- & m- Xylenes**	**2.3**		ug/m³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
622-96-8	*** p-Ethyltoluene**	**0.88**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications:	04/26/2016 15:30	04/26/2016 15:30	LDS
115-07-1	*** Propylene**	**0.84**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications:	04/26/2016 15:30	04/26/2016 15:30	LDS
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
127-18-4	**Tetrachloroethylene**	**290**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.59	1	EPA TO-15 Certifications:	04/26/2016 15:30	04/26/2016 15:30	LDS
108-88-3	**Toluene**	**2.1**		ug/m³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
79-01-6	**Trichloroethylene**	**17**		ug/m³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/26/2016 15:30	04/26/2016 15:30	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*102 %*	*72-118*



Sample Information

Client Sample ID: AQ041916:1105NP4-2 **York Sample ID:** 16D0789-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:05 am	04/21/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 01:21	LDS
71-55-6	**1,1,1-Trichloroethane**	**1.2**		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**1.4**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
108-67-8	**1,3,5-Trimethylbenzene**	**0.49**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
541-73-1	**1,3-Dichlorobenzene**	**0.72**		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 01:21	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
78-93-3	**2-Butanone**	**2.3**		ug/m³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
591-78-6	*** 2-Hexanone**	**2.0**		ug/m³	0.82	0.82	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 01:21	LDS
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854	04/22/2016 05:08	04/23/2016 01:21	LDS

Sample Information

Client Sample ID: **AQ041916:1105NP4-2** **York Sample ID:** **16D0789-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:05 am	04/21/2016

Volatile Organics, EPA TO15 Full List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
67-64-1	**Acetone**	**9.5**		ug/m³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY10854	04/22/2016 05:08	04/23/2016 01:21	LDS
71-43-2	**Benzene**	**0.58**		ug/m³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-15-0	**Carbon disulfide**	**2.3**		ug/m³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
56-23-5	Carbon tetrachloride	ND		ug/m³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-00-3	Chloroethane	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
67-66-3	**Chloroform**	**0.54**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
74-87-3	**Chloromethane**	**1.1**		ug/m³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**2.5**		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-71-8	**Dichlorodifluoromethane**	**1.8**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 01:21	LDS
100-41-4	**Ethyl Benzene**	**1.0**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
67-63-0	Isopropanol	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS

Sample Information

Client Sample ID: AQ041916:1105NP4-2 **York Sample ID:** 16D0789-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:05 am	04/21/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-09-2	**Methylene chloride**	**1.6**		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
142-82-5	**n-Heptane**	**0.53**		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
110-54-3	**n-Hexane**	**1.5**		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
95-47-6	**o-Xylene**	**1.6**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
179601-23-1	**p- & m- Xylenes**	**4.0**		ug/m³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
622-96-8	*** p-Ethyltoluene**	**1.5**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 01:21	LDS
115-07-1	*** Propylene**	**9.5**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 01:21	LDS
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
127-18-4	**Tetrachloroethylene**	**13**		ug/m³	0.17	0.17	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.59	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 01:21	LDS
108-88-3	**Toluene**	**2.2**		ug/m³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
79-01-6	Trichloroethylene	ND		ug/m³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.1**		ug/m³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 01:21	LDS

Sample Information

Client Sample ID: AQ041916:1110NP4-3 **York Sample ID:** 16D0789-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:10 am	04/21/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 02:16	LDS
71-55-6	**1,1,1-Trichloroethane**	**3.3**		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.55	0.55	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	0.74	0.74	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
95-63-6	**1,2,4-Trimethylbenzene**	**1.2**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
106-93-4	1,2-Dibromoethane	ND		ug/m³	0.77	0.77	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	0.70	0.70	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
106-99-0	1,3-Butadiene	ND		ug/m³	0.66	0.66	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 02:16	LDS
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.60	0.60	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
123-91-1	1,4-Dioxane	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
78-93-3	**2-Butanone**	**4.7**		ug/m³	0.29	0.29	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
591-78-6	*** 2-Hexanone**	**1.7**		ug/m³	0.82	0.82	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 02:16	LDS
107-05-1	3-Chloropropene	ND		ug/m³	1.6	1.6	1	EPA TO-15 Certifications: NELAC-NY10854	04/22/2016 05:08	04/23/2016 02:16	LDS

Sample Information

Client Sample ID: AQ041916:1110NP4-3 **York Sample ID:** 16D0789-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:10 am	04/21/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
67-64-1	**Acetone**	**7.1**		ug/m³	0.48	0.48	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
107-13-1	Acrylonitrile	ND		ug/m³	0.22	0.22	1	EPA TO-15 Certifications: NELAC-NY10854	04/22/2016 05:08	04/23/2016 02:16	LDS
71-43-2	**Benzene**	**0.45**		ug/m³	0.32	0.32	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
100-44-7	Benzyl chloride	ND		ug/m³	0.52	0.52	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-27-4	Bromodichloromethane	ND		ug/m³	0.67	0.67	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-25-2	Bromoform	ND		ug/m³	1.0	1.0	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
74-83-9	Bromomethane	ND		ug/m³	0.39	0.39	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-15-0	Carbon disulfide	ND		ug/m³	0.31	0.31	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
56-23-5	**Carbon tetrachloride**	**0.75**		ug/m³	0.16	0.16	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
108-90-7	Chlorobenzene	ND		ug/m³	0.46	0.46	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-00-3	Chloroethane	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
67-66-3	**Chloroform**	**1.0**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
74-87-3	**Chloromethane**	**1.0**		ug/m³	0.21	0.21	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
156-59-2	**cis-1,2-Dichloroethylene**	**3.3**		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
110-82-7	Cyclohexane	ND		ug/m³	0.34	0.34	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
124-48-1	Dibromochloromethane	ND		ug/m³	0.85	0.85	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-71-8	**Dichlorodifluoromethane**	**1.7**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
141-78-6	* Ethyl acetate	ND		ug/m³	0.72	0.72	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 02:16	LDS
100-41-4	**Ethyl Benzene**	**0.83**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.1	1.1	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
67-63-0	Isopropanol	ND		ug/m³	0.49	0.49	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS

Sample Information

Client Sample ID: AQ041916:1110NP4-3 **York Sample ID:** 16D0789-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
16D0789	Rowe Industries	Air	April 19, 2016 11:10 am	04/21/2016

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	LOD/MDL	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
80-62-6	Methyl Methacrylate	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**1.0**		ug/m³	0.36	0.36	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-09-2	**Methylene chloride**	**1.2**		ug/m³	0.69	0.69	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
142-82-5	n-Heptane	ND		ug/m³	0.41	0.41	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
110-54-3	n-Hexane	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
95-47-6	**o-Xylene**	**1.5**		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
179601-23-1	**p- & m- Xylenes**	**3.9**		ug/m³	0.87	0.87	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
622-96-8	*** p-Ethyltoluene**	**1.4**		ug/m³	0.49	0.49	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 02:16	LDS
115-07-1	* Propylene	ND		ug/m³	0.17	0.17	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 02:16	LDS
100-42-5	Styrene	ND		ug/m³	0.43	0.43	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
127-18-4	**Tetrachloroethylene**	**1600**		ug/m³	1.7	1.7	10	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/24/2016 08:45	04/24/2016 13:06	LDS
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.59	0.59	1	EPA TO-15 Certifications:	04/22/2016 05:08	04/23/2016 02:16	LDS
108-88-3	**Toluene**	**1.9**		ug/m³	0.38	0.38	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.40	0.40	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.45	0.45	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
79-01-6	**Trichloroethylene**	**0.86**		ug/m³	0.13	0.13	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.56	0.56	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
108-05-4	Vinyl acetate	ND		ug/m³	0.35	0.35	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
593-60-2	Vinyl bromide	ND		ug/m³	0.44	0.44	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS
75-01-4	Vinyl Chloride	ND		ug/m³	0.26	0.26	1	EPA TO-15 Certifications: NELAC-NY10854,NJDEP	04/22/2016 05:08	04/23/2016 02:16	LDS

	Surrogate Recoveries	Result	Acceptance Range
460-00-4	*Surrogate: p-Bromofluorobenzene*	*100 %*	*72-118*

Analytical Batch Summary

Batch ID: BD61099 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16D0789-02	AQ041916:1105NP4-2	04/22/16
16D0789-03	AQ041916:1110NP4-3	04/22/16
BD61099-BLK1	Blank	04/22/16
BD61099-BS1	LCS	04/22/16

Batch ID: BD61251 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16D0789-03RE1	AQ041916:1110NP4-3	04/24/16
BD61251-BLK1	Blank	04/24/16
BD61251-BS1	LCS	04/24/16

Batch ID: BD61435 **Preparation Method:** EPA TO15 PREP **Prepared By:** LDS

YORK Sample ID	Client Sample ID	Preparation Date
16D0789-01	AQ041916:1100NP4-1	04/26/16
BD61435-BLK1	Blank	04/26/16
BD61435-BS1	LCS	04/26/16

Volatile Organic Compounds in Air by GC/MS - 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 BD61099 - EPA TO15 PREP											
Blank (BD61099-BLK1)											Prepared & Analyzed: 04/22/2016
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Volatile Organic Compounds in Air by GC/MS - 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 BD61099 - EPA TO15 PREP											
Blank (BD61099-BLK1)								Prepared & Analyzed: 04/22/2016			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.70*		*ppbv*	*10.0*		*97.0*	*72-118*				
LCS (BD61099-BS1)								Prepared & Analyzed: 04/22/2016			
1,1,1,2-Tetrachloroethane	11.8		ppbv	10.0		118	82-126				
1,1,1-Trichloroethane	11.9		"	10.0		119	70-130				
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	70-130				
1,1,2-Trichloroethane	11.2		"	10.0		112	70-130				
1,1-Dichloroethane	11.4		"	10.0		114	70-130				
1,1-Dichloroethylene	11.9		"	10.0		119	70-130				
1,2,4-Trichlorobenzene	9.51		"	10.0		95.1	70-130				
1,2,4-Trimethylbenzene	12.5		"	10.0		125	70-130				
1,2-Dibromoethane	12.0		"	10.0		120	70-130				
1,2-Dichlorobenzene	11.7		"	10.0		117	70-130				
1,2-Dichloroethane	11.5		"	10.0		115	70-130				
1,2-Dichloropropane	11.3		"	10.0		113	70-130				
1,2-Dichlorotetrafluoroethane	10.8		"	10.0		108	70-130				
1,3,5-Trimethylbenzene	12.0		"	10.0		120	70-130				
1,3-Butadiene	9.93		"	10.0		99.3	70-130				
1,3-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,3-Dichloropropane	11.5		"	10.0		115	70-130				
1,4-Dichlorobenzene	12.2		"	10.0		122	70-130				
1,4-Dioxane	23.5		"	10.0		235	70-130	High Bias			
2-Butanone	12.6		"	10.0		126	70-130				
2-Hexanone	14.1		"	10.0		141	70-130	High Bias			
3-Chloropropene	12.3		"	10.0		123	70-130				
4-Methyl-2-pentanone	16.4		"	10.0		164	70-130	High Bias			
Acetone	10.2		"	10.0		102	70-130				
Acrylonitrile	12.1		"	10.0		121	70-130				
Benzene	11.6		"	10.0		116	70-130				
Benzyl chloride	9.05		"	10.0		90.5	70-130				
Bromodichloromethane	11.7		"	10.0		117	70-130				
Bromoform	12.0		"	10.0		120	70-130				
Bromomethane	10.0		"	10.0		100	70-130				
Carbon disulfide	11.9		"	10.0		119	70-130				
Carbon tetrachloride	12.2		"	10.0		122	70-130				
Chlorobenzene	11.0		"	10.0		110	70-130				

Volatile Organic Compounds in Air by GC/MS - 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 BD61099 - EPA TO15 PREP											
LCS (BD61099-BS1)							Prepared & Analyzed: 04/22/2016				
Chloroethane	10.9		ppbv	10.0		109	70-130				
Chloroform	11.4		"	10.0		114	70-130				
Chloromethane	9.43		"	10.0		94.3	70-130				
cis-1,2-Dichloroethylene	10.8		"	10.0		108	70-130				
cis-1,3-Dichloropropylene	12.5		"	10.0		125	70-130				
Cyclohexane	12.5		"	10.0		125	70-130				
Dibromochloromethane	12.3		"	10.0		123	70-130				
Dichlorodifluoromethane	10.7		"	10.0		107	70-130				
Ethyl acetate	12.5		"	10.0		125	70-130				
Ethyl Benzene	11.9		"	10.0		119	70-130				
Hexachlorobutadiene	12.4		"	10.0		124	70-130				
Isopropanol	12.4		"	10.0		124	70-130				
Methyl Methacrylate	13.4		"	10.0		134	70-130	High Bias			
Methyl tert-butyl ether (MTBE)	13.4		"	10.0		134	70-130	High Bias			
Methylene chloride	9.94		"	10.0		99.4	70-130				
n-Heptane	12.8		"	10.0		128	70-130				
n-Hexane	11.7		"	10.0		117	70-130				
o-Xylene	12.8		"	10.0		128	70-130				
p- & m- Xylenes	23.9		"	20.0		120	70-130				
p-Ethyltoluene	12.6		"	10.0		126	70-130				
Propylene	10.8		"	10.0		108	70-130				
Styrene	11.9		"	10.0		119	70-130				
Tetrachloroethylene	11.6		"	10.0		116	70-130				
Tetrahydrofuran	12.7		"	10.0		127	70-130				
Toluene	11.7		"	10.0		117	70-130				
trans-1,2-Dichloroethylene	11.8		"	10.0		118	70-130				
trans-1,3-Dichloropropylene	12.6		"	10.0		126	70-130				
Trichloroethylene	11.6		"	10.0		116	70-130				
Trichlorofluoromethane (Freon 11)	11.5		"	10.0		115	70-130				
Vinyl acetate	12.1		"	10.0		121	70-130				
Vinyl bromide	12.0		"	10.0		120	70-130				
Vinyl Chloride	10.4		"	10.0		104	70-130				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*72-118*				

Volatile Organic Compounds in Air by GC/MS - 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 BD61251 - EPA TO15 PREP											
Blank (BD61251-BLK1)											Prepared & Analyzed: 04/24/2016
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Volatile Organic Compounds in Air by GC/MS - 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 BD61251 - EPA TO15 PREP											
Blank (BD61251-BLK1)								Prepared & Analyzed: 04/24/2016			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.69*		*ppbv*	*10.0*		*96.9*	*72-118*				
LCS (BD61251-BS1)								Prepared & Analyzed: 04/24/2016			
1,1,1,2-Tetrachloroethane	11.7		ppbv	10.0		117	82-126				
1,1,1-Trichloroethane	12.0		"	10.0		120	70-130				
1,1,2,2-Tetrachloroethane	9.93		"	10.0		99.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.5		"	10.0		115	70-130				
1,1,2-Trichloroethane	11.1		"	10.0		111	70-130				
1,1-Dichloroethane	11.3		"	10.0		113	70-130				
1,1-Dichloroethylene	11.8		"	10.0		118	70-130				
1,2,4-Trichlorobenzene	6.40		"	10.0		64.0	70-130	Low Bias			
1,2,4-Trimethylbenzene	10.9		"	10.0		109	70-130				
1,2-Dibromoethane	11.6		"	10.0		116	70-130				
1,2-Dichlorobenzene	11.0		"	10.0		110	70-130				
1,2-Dichloroethane	11.5		"	10.0		115	70-130				
1,2-Dichloropropane	10.9		"	10.0		109	70-130				
1,2-Dichlorotetrafluoroethane	10.5		"	10.0		105	70-130				
1,3,5-Trimethylbenzene	11.0		"	10.0		110	70-130				
1,3-Butadiene	9.79		"	10.0		97.9	70-130				
1,3-Dichlorobenzene	11.3		"	10.0		113	70-130				
1,3-Dichloropropane	10.9		"	10.0		109	70-130				
1,4-Dichlorobenzene	11.5		"	10.0		115	70-130				
1,4-Dioxane	10.6		"	10.0		106	70-130				
2-Butanone	10.7		"	10.0		107	70-130				
2-Hexanone	4.02		"	10.0		40.2	70-130	Low Bias			
3-Chloropropene	11.3		"	10.0		113	70-130				
4-Methyl-2-pentanone	7.34		"	10.0		73.4	70-130				
Acetone	9.85		"	10.0		98.5	70-130				
Acrylonitrile	11.5		"	10.0		115	70-130				
Benzene	11.3		"	10.0		113	70-130				
Benzyl chloride	0.460		"	10.0		4.60	70-130	Low Bias			
Bromodichloromethane	11.4		"	10.0		114	70-130				
Bromoform	12.0		"	10.0		120	70-130				
Bromomethane	9.82		"	10.0		98.2	70-130				
Carbon disulfide	12.4		"	10.0		124	70-130				
Carbon tetrachloride	12.1		"	10.0		121	70-130				
Chlorobenzene	11.0		"	10.0		110	70-130				

Volatile Organic Compounds in Air by GC/MS - 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 BD61251 - EPA TO15 PREP											
LCS (BD61251-BS1)								Prepared & Analyzed: 04/24/2016			
Chloroethane	16.1		ppbv	10.0		161	70-130	High Bias			
Chloroform	11.3		"	10.0		113	70-130				
Chloromethane	9.30		"	10.0		93.0	70-130				
cis-1,2-Dichloroethylene	10.7		"	10.0		107	70-130				
cis-1,3-Dichloropropylene	12.3		"	10.0		123	70-130				
Cyclohexane	12.4		"	10.0		124	70-130				
Dibromochloromethane	11.9		"	10.0		119	70-130				
Dichlorodifluoromethane	8.65		"	10.0		86.5	70-130				
Ethyl acetate	11.7		"	10.0		117	70-130				
Ethyl Benzene	11.8		"	10.0		118	70-130				
Hexachlorobutadiene	8.39		"	10.0		83.9	70-130				
Isopropanol	9.57		"	10.0		95.7	70-130				
Methyl Methacrylate	10.7		"	10.0		107	70-130				
Methyl tert-butyl ether (MTBE)	13.2		"	10.0		132	70-130	High Bias			
Methylene chloride	9.86		"	10.0		98.6	70-130				
n-Heptane	12.5		"	10.0		125	70-130				
n-Hexane	11.6		"	10.0		116	70-130				
o-Xylene	12.5		"	10.0		125	70-130				
p- & m- Xylenes	23.7		"	20.0		118	70-130				
p-Ethyltoluene	11.8		"	10.0		118	70-130				
Propylene	9.98		"	10.0		99.8	70-130				
Styrene	11.4		"	10.0		114	70-130				
Tetrachloroethylene	11.5		"	10.0		115	70-130				
Tetrahydrofuran	11.1		"	10.0		111	70-130				
Toluene	11.2		"	10.0		112	70-130				
trans-1,2-Dichloroethylene	12.1		"	10.0		121	70-130				
trans-1,3-Dichloropropylene	10.9		"	10.0		109	70-130				
Trichloroethylene	12.2		"	10.0		122	70-130				
Trichlorofluoromethane (Freon 11)	11.5		"	10.0		115	70-130				
Vinyl acetate	0.130		"	10.0		1.30	70-130	Low Bias			
Vinyl bromide	12.2		"	10.0		122	70-130				
Vinyl Chloride	10.9		"	10.0		109	70-130				
Surrogate: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*72-118*				

Volatile Organic Compounds in Air by GC/MS - 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 BD61435 - EPA TO15 PREP											
Blank (BD61435-BLK1)											Prepared & Analyzed: 04/26/2016
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.40	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.40	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								

Volatile Organic Compounds in Air by GC/MS - 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 BD61435 - EPA TO15 PREP											
Blank (BD61435-BLK1)								Prepared & Analyzed: 04/26/2016			
o-Xylene	ND	0.43	ug/m³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.17	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.26	"								
Surrogate: p-Bromofluorobenzene	*9.64*		*ppbv*	*10.0*		*96.4*	*72-118*				
LCS (BD61435-BS1)								Prepared & Analyzed: 04/26/2016			
1,1,1,2-Tetrachloroethane	11.3		ppbv	10.0		113	82-126				
1,1,1-Trichloroethane	10.6		"	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	11.1		"	10.0		111	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	70-130				
1,1,2-Trichloroethane	10.8		"	10.0		108	70-130				
1,1-Dichloroethane	10.4		"	10.0		104	70-130				
1,1-Dichloroethylene	11.0		"	10.0		110	70-130				
1,2,4-Trichlorobenzene	9.34		"	10.0		93.4	70-130				
1,2,4-Trimethylbenzene	12.1		"	10.0		121	70-130				
1,2-Dibromoethane	11.6		"	10.0		116	70-130				
1,2-Dichlorobenzene	11.7		"	10.0		117	70-130				
1,2-Dichloroethane	10.6		"	10.0		106	70-130				
1,2-Dichloropropane	10.9		"	10.0		109	70-130				
1,2-Dichlorotetrafluoroethane	10.3		"	10.0		103	70-130				
1,3,5-Trimethylbenzene	11.7		"	10.0		117	70-130				
1,3-Butadiene	10.1		"	10.0		101	70-130				
1,3-Dichlorobenzene	11.6		"	10.0		116	70-130				
1,3-Dichloropropane	11.2		"	10.0		112	70-130				
1,4-Dichlorobenzene	12.0		"	10.0		120	70-130				
1,4-Dioxane	17.8		"	10.0		178	70-130	High Bias			
2-Butanone	10.9		"	10.0		109	70-130				
2-Hexanone	11.8		"	10.0		118	70-130				
3-Chloropropene	11.6		"	10.0		116	70-130				
4-Methyl-2-pentanone	13.8		"	10.0		138	70-130	High Bias			
Acetone	9.18		"	10.0		91.8	70-130				
Acrylonitrile	10.9		"	10.0		109	70-130				
Benzene	10.5		"	10.0		105	70-130				
Benzyl chloride	9.77		"	10.0		97.7	70-130				
Bromodichloromethane	11.4		"	10.0		114	70-130				
Bromoform	11.8		"	10.0		118	70-130				
Bromomethane	9.46		"	10.0		94.6	70-130				
Carbon disulfide	11.0		"	10.0		110	70-130				
Carbon tetrachloride	11.0		"	10.0		110	70-130				
Chlorobenzene	10.5		"	10.0		105	70-130				

Volatile Organic Compounds in Air by GC/MS - 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 BD61435 - EPA TO15 PREP											
LCS (BD61435-BS1)								Prepared & Analyzed: 04/26/2016			
Chloroethane	10.4		ppbv	10.0		104	70-130				
Chloroform	10.4		"	10.0		104	70-130				
Chloromethane	9.71		"	10.0		97.1	70-130				
cis-1,2-Dichloroethylene	12.0		"	10.0		120	70-130				
cis-1,3-Dichloropropylene	12.1		"	10.0		121	70-130				
Cyclohexane	11.4		"	10.0		114	70-130				
Dibromochloromethane	12.0		"	10.0		120	70-130				
Dichlorodifluoromethane	11.2		"	10.0		112	70-130				
Ethyl acetate	11.1		"	10.0		111	70-130				
Ethyl Benzene	11.5		"	10.0		115	70-130				
Hexachlorobutadiene	12.3		"	10.0		123	70-130				
Isopropanol	10.8		"	10.0		108	70-130				
Methyl Methacrylate	12.2		"	10.0		122	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	9.29		"	10.0		92.9	70-130				
n-Heptane	12.0		"	10.0		120	70-130				
n-Hexane	10.7		"	10.0		107	70-130				
o-Xylene	12.5		"	10.0		125	70-130				
p- & m- Xylenes	23.3		"	20.0		116	70-130				
p-Ethyltoluene	12.0		"	10.0		120	70-130				
Propylene	10.1		"	10.0		101	70-130				
Styrene	11.6		"	10.0		116	70-130				
Tetrachloroethylene	10.6		"	10.0		106	70-130				
Tetrahydrofuran	11.1		"	10.0		111	70-130				
Toluene	11.0		"	10.0		110	70-130				
trans-1,2-Dichloroethylene	10.9		"	10.0		109	70-130				
trans-1,3-Dichloropropylene	12.3		"	10.0		123	70-130				
Trichloroethylene	11.0		"	10.0		110	70-130				
Trichlorofluoromethane (Freon 11)	10.4		"	10.0		104	70-130				
Vinyl acetate	12.0		"	10.0		120	70-130				
Vinyl bromide	10.7		"	10.0		107	70-130				
Vinyl Chloride	10.2		"	10.0		102	70-130				
Surrogate: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*72-118*				

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.
CCV-A	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>30% Difference for average Rf). This applies to dectected analytes only.

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*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
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.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised due to issues with the Internal Standard on sample -01.

YORK
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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. 16D0789

YOUR Information	Report To:	Invoice To:	YOUR Project ID	Turn-Around Time	Report Type/Deliverables
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 ☐	NY ASP A Package
E-Mail Address: TSandor@LBGCT.com	E-Mail Address:	E-Mail Address:	Samples from: CT ___ NY X NJ ___	RUSH - Four Day ☐	NY ASP B/CLP Pkg X, pdf
				Standard(5-7 Days) ☒	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)

Evan Foster
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
AQ041916: 1100 NP4-1	4-19-16	AE			EPA TO-15 List.	6 Liter Summa canister ___ Tedlar Bag 2
AQ041916: 1105 NP4-2	↓	AE			↓	6 Liter Summa canister ___ Tedlar Bag 2
AQ041916: 1110 NP4-3	↓	AE			↓	6 Liter Summa canister ___ Tedlar Bag 2
						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: 4/20/16 08:00
Samples Relinquished By — Date/Time:

Samples Received By: LBG-Fridge — Date/Time: 4/20/16 08:00
Samples Received in LAB by: [signature] 4/21/16-1525 — Date/Time:

Rec'd 4/21/16 14:11