

TABLE 2

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

Effluent Water Quality Results

Date Sampled ^{2/}	pH ^{1/}	TDS ^{4/} (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	6.5 to 8.5	---	5	5	5	5	5	5	5	5	5	5	5	---	10	7	---	---
2-May-18	6.8	151	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	8.05	0.0492
5-Jun-18	6.8	138	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	0.252	ND<0.278
2-Jul-18	6.8	114	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	2.50	0.127
28-Aug-18	6.9	NA	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	0.124	0.125
21-Sep-18	6.8	155	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	7.48	0.0369
5-Oct-18	6.9	145	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	1.66	ND<0.278
1-Nov-18	6.8	193	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.838	ND<0.278
5-Dec-18	6.9	100	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.845	ND<0.278
3-Jan-19	6.9	85	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.32	ND<0.278
1-Feb-19	6.9	126	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.641	ND<0.278
1-Mar-19	6.9	142	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	6.31	ND<0.278
2-Apr-19	6.9	153	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	1.27	ND<0.278
6-May-19	6.9	175	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<2	ND<0.5	ND<0.5	ND<0.5	0.37	ND<0.278

SPDES: State Pollutant Discharge Elimination System

mg/l: Milligrams per liter

ug/l: Micrograms per liter

----: Not established

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 NA: Not Analyzed

NM: Not Measured

TDS: Total dissolved solids

PCE: Tetrachloroethylene

1,1,1-TCA: 1,1,1-Trichloroethane

TCE: Trichloroethene

1,1-DCA: 1,1-Dichloroethane

1,1-DCE: 1,1-Dichloroethene

cis-1,2-DCE: cis-1,2-Dichloroethene

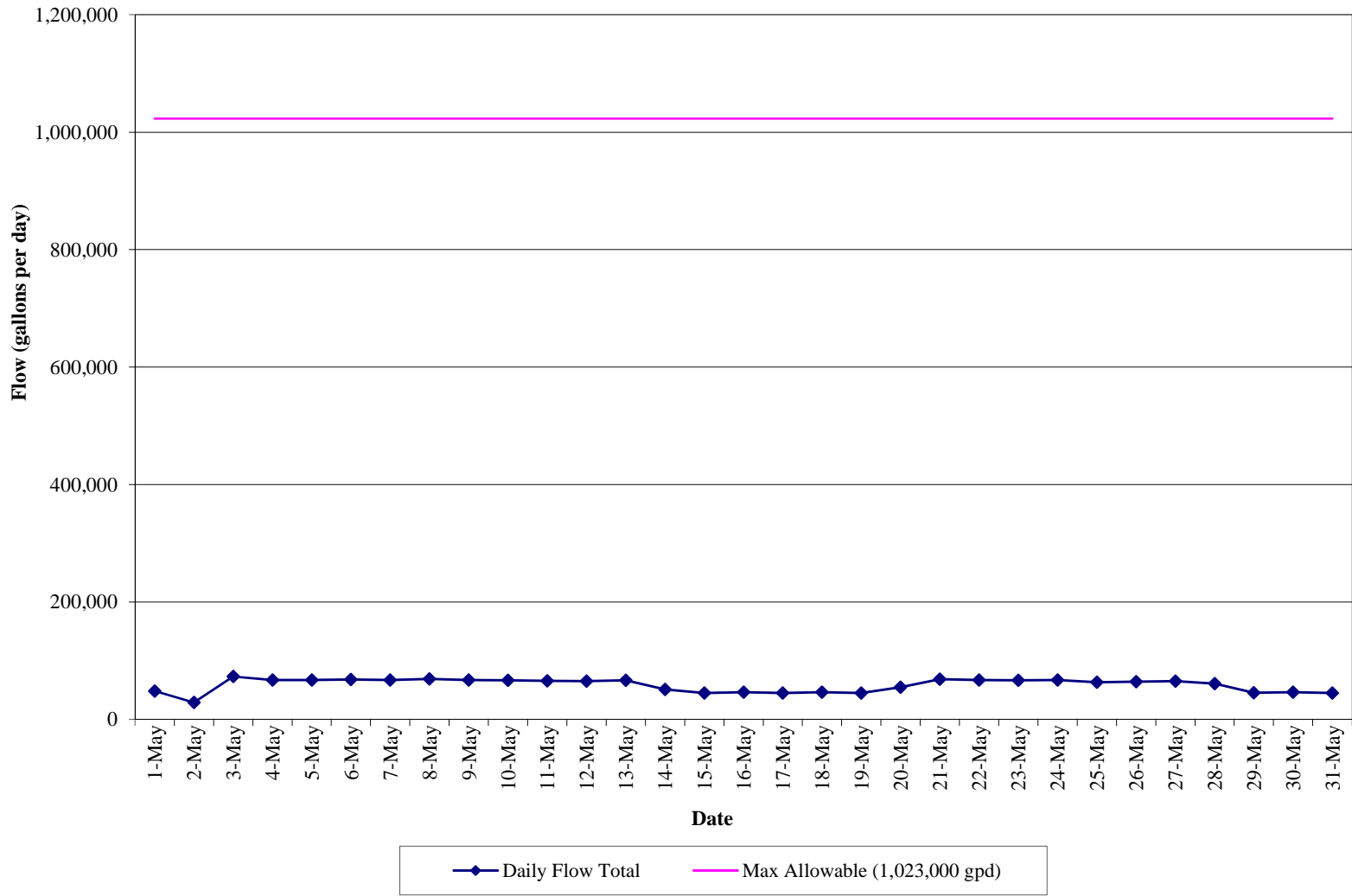
trans-1,2,-DCE: trans-1,2-Dichloroethene

Notes:

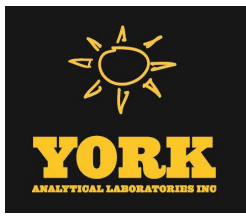
1. Based on the SPDES criteria from an NYSDEC letter dated on May 6, 2016, the allowable pH range for the Rowe Site is between 6.5 and 8.5. The pH of the effluent sample collected on May 20, 2019 was 6.9.
2. "Effluent" samples were collected from sample port labeled NP2-10 unless otherwise noted.
3. Starting in October 2016, FSP&T system samples are collected monthly instead of once every two weeks. The pH of the effluent water is measured two times per month in accordance with the SPDES requirements.
4. The laboratory mistakenly forgot to analyze the system effluent sample collected on August 28, 2018 for total dissolved solids (TDS).
5. The pH was inadvertently not measured.

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

Effluent Flow Data
(May 1, 2019 to May 31, 2019)



APPENDIX I
MAY 2019 LABORATORY ANALYTICAL REPORTS
FOR FSP&T SYSTEM



Technical Report

prepared for:

WSP USA, Inc. (Shelton)
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 05/15/2019
Client Project ID: 31401451.000 task 01.00
York Project (SDG) No.: 19E0338

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 05/15/2019
Client Project ID: 31401451.000 task 01.00
York Project (SDG) No.: 19E0338

WSP USA, Inc. (Shelton)
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 May 08, 2019 and listed below. The project was identified as your project: **31401451.000 task 01.00**.

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 Sample and Analysis Qualifiers 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 Sample and Data Qualifiers Relating to This Work Order section of 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
19E0338-01	WQ050619: 1230 NP2-6	Water	05/06/2019	05/08/2019
19E0338-02	WQ050619: 1235 NP2-10	Water	05/06/2019	05/08/2019

General Notes for York Project (SDG) No.: 19E0338

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 analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 05/15/2019





Sample Information

Client Sample ID: WQ050619: 1230 NP2-6

York Sample ID: 19E0338-01

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
19E0338	31401451.000 task 01.00	Water	May 6, 2019 12:30 pm	05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 17:53	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP



Sample Information

Client Sample ID: WQ050619: 1230 NP2-6

York Sample ID: 19E0338-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0338

31401451.000 task 01.00

Water

May 6, 2019 12:30 pm

05/08/2019

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
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
156-59-2	cis-1,2-Dichloroethylene	0.490		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP



Sample Information

Client Sample ID: WQ050619: 1230 NP2-6

York Sample ID: 19E0338-01

<u>York Project (SDG) No.</u> 19E0338	<u>Client Project ID</u> 31401451.000 task 01.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 6, 2019 12:30 pm	<u>Date Received</u> 05/08/2019
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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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
127-18-4	Tetrachloroethylene	4.85		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
79-01-6	Trichloroethylene	0.330		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:53	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 17:53	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	97.5 %	70-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	105 %	70-130								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	104 %	70-130								



Sample Information

Client Sample ID: WQ050619: 1235 NP2-10

York Sample ID: 19E0338-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0338

31401451.000 task 01.00

Water

May 6, 2019 12:35 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 18:22	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP



Sample Information

Client Sample ID: WQ050619: 1235 NP2-10

York Sample ID: 19E0338-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0338

31401451.000 task 01.00

Water

May 6, 2019 12:35 pm

05/08/2019

Volatile Organics, 8260 List - Low Level

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

Table with 13 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows list various chemical compounds like Hexanone, Chlorotoluene, Acetone, Benzene, Bromobenzene, etc.



Sample Information

Client Sample ID: WQ050619: 1235 NP2-10

York Sample ID: 19E0338-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0338

31401451.000 task 01.00

Water

May 6, 2019 12:35 pm

05/08/2019

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	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 18:22	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 18:22	TMP
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.9 %			70-130						
2037-26-5	Surrogate: SURR: Toluene-d8	104 %			70-130						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			70-130						

Iron by EPA 200.7

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WQ050619: 1235 NP2-10

York Sample ID: 19E0338-02

<u>York Project (SDG) No.</u> 19E0338	<u>Client Project ID</u> 31401451.000 task 01.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 6, 2019 12:35 pm	<u>Date Received</u> 05/08/2019
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Sample Prepared by Method: EPA 200.7

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	0.374		mg/L	0.278	1	EPA 200.7	05/08/2019 21:37	05/10/2019 13:34	KML
							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	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	05/14/2019 17:12	05/15/2019 13:06	KML
							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	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Total Dissolved Solids	175		mg/L	10.0	1	SM 2540C	05/09/2019 14:58	05/10/2019 18:45	AA
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		



Analytical Batch Summary

Batch ID: BE90529 **Preparation Method:** EPA 200.7 **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0338-02	WQ050619: 1235 NP2-10	05/08/19
BE90529-BLK1	Blank	05/08/19
BE90529-BS1	LCS	05/08/19

Batch ID: BE90565 **Preparation Method:** EPA 5030B **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
19E0338-01	WQ050619: 1230 NP2-6	05/10/19
19E0338-02	WQ050619: 1235 NP2-10	05/10/19
BE90565-BLK1	Blank	05/10/19
BE90565-BS1	LCS	05/10/19
BE90565-BSD1	LCS Dup	05/10/19

Batch ID: BE90595 **Preparation Method:** % Solids Prep **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
19E0338-02	WQ050619: 1235 NP2-10	05/09/19
BE90595-BLK1	Blank	05/09/19

Batch ID: BE90852 **Preparation Method:** EPA 3015A **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19E0338-02	WQ050619: 1235 NP2-10	05/14/19
BE90852-BLK1	Blank	05/14/19
BE90852-BS1	LCS	05/14/19



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
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Batch BE90565 - EPA 5030B

Blank (BE90565-BLK1)

Prepared & Analyzed: 05/10/2019

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.210	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
		Limit			Result						
Batch BE90565 - EPA 5030B											
Blank (BE90565-BLK1)										Prepared & Analyzed: 05/10/2019	
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	9.73		"	10.0		97.3	70-130				
<i>Surrogate: SURR: Toluene-d8</i>	10.3		"	10.0		103	70-130				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	10.5		"	10.0		105	70-130				
LCS (BE90565-BS1)										Prepared & Analyzed: 05/10/2019	
1,1,1,2-Tetrachloroethane	8.97		ug/L	10.0		89.7	82-126				30
1,1,1-Trichloroethane	9.77		"	10.0		97.7	70-130				20
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	70-130				20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	70-130				20
1,1,2-Trichloroethane	9.25		"	10.0		92.5	70-130				20
1,1-Dichloroethane	9.50		"	10.0		95.0	70-130				20
1,1-Dichloroethylene	9.46		"	10.0		94.6	70-130				20
1,1-Dichloropropylene	9.62		"	10.0		96.2	83-133				30
1,2,3-Trichlorobenzene	5.43		"	10.0		54.3	70-130	Low Bias			20
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				30
1,2,4-Trichlorobenzene	6.78		"	10.0		67.8	70-130	Low Bias			20
1,2,4-Trimethylbenzene	9.96		"	10.0		99.6	82-132				20
1,2-Dibromo-3-chloropropane	8.45		"	10.0		84.5	40-160				20
1,2-Dibromoethane	9.28		"	10.0		92.8	70-130				20
1,2-Dichlorobenzene	9.85		"	10.0		98.5	70-130				20
1,2-Dichloroethane	8.75		"	10.0		87.5	70-130				20
1,2-Dichloropropane	9.24		"	10.0		92.4	70-130				20
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				30
1,3-Dichlorobenzene	9.77		"	10.0		97.7	70-130				20
1,3-Dichloropropane	9.47		"	10.0		94.7	81-125				30
1,4-Dichlorobenzene	9.90		"	10.0		99.0	70-130				20
2,2-Dichloropropane	9.43		"	10.0		94.3	56-150				30
2-Chlorotoluene	10.2		"	10.0		102	79-130				30
2-Hexanone	9.38		"	10.0		93.8	40-160				20
4-Chlorotoluene	10.2		"	10.0		102	79-128				30
Acetone	9.63		"	10.0		96.3	40-160				20
Benzene	9.77		"	10.0		97.7	70-130				20
Bromobenzene	10.2		"	10.0		102	78-129				30
Bromochloromethane	9.61		"	10.0		96.1	70-130				20
Bromodichloromethane	8.96		"	10.0		89.6	70-130				20



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 BE90565 - EPA 5030B											
LCS (BE90565-BS1)											
Prepared & Analyzed: 05/10/2019											
Bromoform	8.32		ug/L	10.0		83.2	70-130				20
Bromomethane	9.07		"	10.0		90.7	40-160				20
Carbon tetrachloride	9.22		"	10.0		92.2	70-130				20
Chlorobenzene	9.46		"	10.0		94.6	70-130				20
Chloroethane	8.36		"	10.0		83.6	40-160				20
Chloroform	9.48		"	10.0		94.8	70-130				20
Chloromethane	9.40		"	10.0		94.0	40-160				20
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	70-130				20
cis-1,3-Dichloropropylene	9.05		"	10.0		90.5	70-130				20
Dibromochloromethane	8.98		"	10.0		89.8	70-130				20
Dibromomethane	9.20		"	10.0		92.0	72-134				30
Dichlorodifluoromethane	10.8		"	10.0		108	40-160				20
Ethyl Benzene	9.86		"	10.0		98.6	70-130				20
Hexachlorobutadiene	6.52		"	10.0		65.2	67-146	Low Bias			30
Isopropylbenzene	10.8		"	10.0		108	70-130				20
Methyl tert-butyl ether (MTBE)	9.25		"	10.0		92.5	70-130				20
Methylene chloride	10.9		"	10.0		109	70-130				20
Naphthalene	5.71		"	10.0		57.1	70-147	Low Bias			30
n-Butylbenzene	9.21		"	10.0		92.1	79-132				30
n-Propylbenzene	10.8		"	10.0		108	78-133				30
o-Xylene	9.40		"	10.0		94.0	70-130				20
p- & m- Xylenes	19.5		"	20.0		97.5	70-130				20
p-Isopropyltoluene	9.99		"	10.0		99.9	81-136				30
sec-Butylbenzene	10.7		"	10.0		107	79-137				30
Styrene	9.18		"	10.0		91.8	70-130				20
tert-Butylbenzene	10.2		"	10.0		102	77-138				30
Tetrachloroethylene	8.47		"	10.0		84.7	70-130				20
Toluene	9.80		"	10.0		98.0	70-130				20
trans-1,2-Dichloroethylene	9.46		"	10.0		94.6	70-130				20
trans-1,3-Dichloropropylene	8.85		"	10.0		88.5	70-130				20
Trichloroethylene	9.48		"	10.0		94.8	70-130				20
Trichlorofluoromethane	9.37		"	10.0		93.7	40-160				20
Vinyl Chloride	10.8		"	10.0		108	70-130				20
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.61		"	10.0		96.1	70-130				
Surrogate: SURRE: Toluene-d8	10.2		"	10.0		102	70-130				
Surrogate: SURRE: p-Bromofluorobenzene	10.3		"	10.0		103	70-130				



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 BE90565 - EPA 5030B											
LCS Dup (BE90565-BSD1)											
Prepared & Analyzed: 05/10/2019											
1,1,1,2-Tetrachloroethane	9.29		ug/L	10.0		92.9	82-126		3.50	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130		5.96	20	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130		5.11	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	70-130		10.0	20	
1,1,2-Trichloroethane	9.59		"	10.0		95.9	70-130		3.61	20	
1,1-Dichloroethane	10.2		"	10.0		102	70-130		6.81	20	
1,1-Dichloroethylene	10.5		"	10.0		105	70-130		10.0	20	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		5.07	30	
1,2,3-Trichlorobenzene	7.76		"	10.0		77.6	70-130		35.3	20	Non-dir.
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128		6.58	30	
1,2,4-Trichlorobenzene	8.67		"	10.0		86.7	70-130		24.5	20	Non-dir.
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		6.51	20	
1,2-Dibromo-3-chloropropane	8.97		"	10.0		89.7	40-160		5.97	20	
1,2-Dibromoethane	9.67		"	10.0		96.7	70-130		4.12	20	
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130		6.39	20	
1,2-Dichloroethane	8.94		"	10.0		89.4	70-130		2.15	20	
1,2-Dichloropropane	9.54		"	10.0		95.4	70-130		3.19	20	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131		5.93	30	
1,3-Dichlorobenzene	10.6		"	10.0		106	70-130		7.77	20	
1,3-Dichloropropane	9.61		"	10.0		96.1	81-125		1.47	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130		6.36	20	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		8.33	30	
2-Chlorotoluene	10.9		"	10.0		109	79-130		7.40	30	
2-Hexanone	9.45		"	10.0		94.5	40-160		0.743	20	
4-Chlorotoluene	10.8		"	10.0		108	79-128		5.99	30	
Acetone	10.3		"	10.0		103	40-160		6.43	20	
Benzene	10.2		"	10.0		102	70-130		4.70	20	
Bromobenzene	10.8		"	10.0		108	78-129		5.90	30	
Bromochloromethane	9.99		"	10.0		99.9	70-130		3.88	20	
Bromodichloromethane	9.54		"	10.0		95.4	70-130		6.27	20	
Bromoform	8.75		"	10.0		87.5	70-130		5.04	20	
Bromomethane	9.42		"	10.0		94.2	40-160		3.79	20	
Carbon tetrachloride	10.0		"	10.0		100	70-130		8.52	20	
Chlorobenzene	10.0		"	10.0		100	70-130		6.05	20	
Chloroethane	9.95		"	10.0		99.5	40-160		17.4	20	
Chloroform	10.0		"	10.0		100	70-130		5.84	20	
Chloromethane	10.2		"	10.0		102	40-160		8.65	20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		4.52	20	
cis-1,3-Dichloropropylene	9.26		"	10.0		92.6	70-130		2.29	20	
Dibromochloromethane	9.48		"	10.0		94.8	70-130		5.42	20	
Dibromomethane	9.26		"	10.0		92.6	72-134		0.650	30	
Dichlorodifluoromethane	11.8		"	10.0		118	40-160		8.81	20	
Ethyl Benzene	10.6		"	10.0		106	70-130		7.14	20	
Hexachlorobutadiene	8.06		"	10.0		80.6	67-146		21.1	30	
Isopropylbenzene	11.7		"	10.0		117	70-130		8.06	20	
Methyl tert-butyl ether (MTBE)	9.52		"	10.0		95.2	70-130		2.88	20	
Methylene chloride	11.5		"	10.0		115	70-130		4.73	20	
Naphthalene	8.10		"	10.0		81.0	70-147		34.6	30	Non-dir.
n-Butylbenzene	10.2		"	10.0		102	79-132		10.2	30	
n-Propylbenzene	11.7		"	10.0		117	78-133		7.82	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	
		Limit			Result				RPD	Limit

Batch BE90565 - EPA 5030B

LCS Dup (BE90565-BSD1)

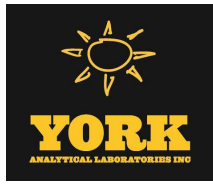
Prepared & Analyzed: 05/10/2019

o-Xylene	9.91		ug/L	10.0		99.1	70-130		5.28	20	
p- & m- Xylenes	20.8		"	20.0		104	70-130		6.45	20	
p-Isopropyltoluene	10.8		"	10.0		108	81-136		7.33	30	
sec-Butylbenzene	11.6		"	10.0		116	79-137		8.42	30	
Styrene	9.74		"	10.0		97.4	70-130		5.92	20	
tert-Butylbenzene	10.9		"	10.0		109	77-138		6.82	30	
Tetrachloroethylene	9.07		"	10.0		90.7	70-130		6.84	20	
Toluene	10.3		"	10.0		103	70-130		5.27	20	
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		7.82	20	
trans-1,3-Dichloropropylene	8.97		"	10.0		89.7	70-130		1.35	20	
Trichloroethylene	10.0		"	10.0		100	70-130		5.54	20	
Trichlorofluoromethane	9.84		"	10.0		98.4	40-160		4.89	20	
Vinyl Chloride	8.31		"	10.0		83.1	70-130		25.8	20	Non-dir.
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.50</i>		<i>"</i>	<i>10.0</i>		<i>95.0</i>	<i>70-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>70-130</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>70-130</i>				



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 BE90529 - EPA 200.7											
Blank (BE90529-BLK1)											
Iron	ND	0.278	mg/L								Prepared: 05/08/2019 Analyzed: 05/10/2019
LCS (BE90529-BS1)											
Iron	0.981		ug/mL	1.00		98.1	85-115				Prepared: 05/08/2019 Analyzed: 05/10/2019
Batch BE90852 - EPA 3015A											
Blank (BE90852-BLK1)											
Iron - Dissolved	ND	0.278	mg/L								Prepared: 05/14/2019 Analyzed: 05/15/2019
LCS (BE90852-BS1)											
Iron - Dissolved	0.947		ug/mL	1.00		94.7	80-120				Prepared: 05/14/2019 Analyzed: 05/15/2019



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

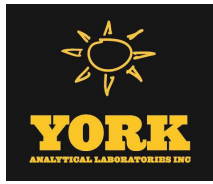
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BE90595 - % Solids Prep

Blank (BE90595-BLK1)

Prepared: 05/09/2019 Analyzed: 05/10/2019

Total Dissolved Solids	ND	10.0	mg/L								
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Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19E0338-01	WQ050619: 1230 NP2-6	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0338-02	WQ050619: 1235 NP2-10	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

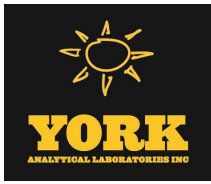
- * Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
- ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte 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.



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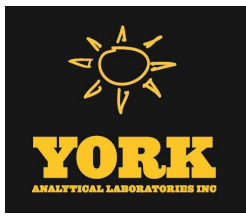
Field Chain-of-Custody Record

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

York Project No. 19E0338

YOUR Information Company: <u>WSP USA</u> Address: <u>4 Research Drive</u> Suite <u>301, Shelton CT 06484</u> Phone.: <u>203.929.8555</u> Contact: <u>Tunde Sandor</u> E-mail: <u>tunde.sandor@wsp.com</u>		Report to: SAME <input checked="" type="checkbox"/> Name: _____ Company: _____ Address: _____ E-mail: _____		Invoice To: SAME <input checked="" type="checkbox"/> Name: _____ Company: _____ Address: _____ E-mail: _____		Your Project ID <u>31401451.000 task</u> <u>01.00</u> Purchase Order # <u>31401451.000 task</u> <u>01.00</u> Samples from CT_NY x_NJ_ <input checked="" type="checkbox"/>		Turn-Around Time RUSH-Same Day RUSH-Next Day RUSH-Two Day RUSH-Three Day RUSH-Four Day Standard (5-7day) <input checked="" type="checkbox"/>		Report/Deliverable Type Summary Report <input checked="" type="checkbox"/> PDF QA Report <input checked="" type="checkbox"/> PDF CT RCP CT RCP DQ/DUE Pkg NY ASP A Package NY ASP B Package <input checked="" type="checkbox"/> PDF NUDEP Reduced Deliv			
Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor		Volatiles 8260 full 624 STARS list BTEX MTBE TCL list TAGM list CT RCP list Arom. only Halog. only App.IX list 8021B list		Semi-Vols., Pest/PCB/Herb 8270 or 625 STARS list BN Only Actds Only PAH list TAGM list CT RCP list TCL list NDEP list App.IX list SFLP or TCLP		Metals RCRA8 PPL3 list TAL CTL5 list TAGM list NDEP list Total Dissolved SFLP or TCLP Ind. Metals LIST Below		Misc. Org. TPH GRO TPH DRO CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS Air VEH Air TICs Methane Heptim.		Full Lists Pri.Poll. TCL Organics TAL.MetalCN Full TCLP Full App.IX Part360-Routine Part360-Enforce Part360-Enforce Part360-Enforce Full List NYDEP Sewer NYDEP-Cover TAGM		YORK Regulatory Comp Excel compared to: OTHER:	
Sample Identification W050619-1230 NP2-6 + 1235 NP2-10		Date+Time Sampled 5-6-19 1230 + 1235		Matrix GW GW		Analysis Requested (List above includes common analysis) VOCs 8260 full plus freon 113 Fe by EPA 200.7; Fe dissolved by EPA 6010; VOCs 8260 full plus freon 113; TDS Reddy: <i>[Signature]</i> 5/8/19 1309		Container Description 3 VOA 3 VOA, 3 Plastic					
Comments:		°C _____ Frozen _____ HCl _____ MeOH _____ HNO ₃ _____ H ₂ SO ₄ _____ NaOH _____ (check all applicable) ZnAc _____ Ascorbic Acid _____ Other _____		Special Instructions Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/>		Samples Requisitioned By <i>[Signature]</i> Date/Time <u>5-7-19 1400</u> Samples Requisitioned By <i>[Signature]</i> Date/Time <u>5-8-19 1510</u> Samples Received By <u>WSP Fridge</u> Date/Time <u>5-7-19 1400</u> Samples Received in LAB by <u>79gal</u> Date/Time <u>5-8-19 1510</u>		Temperature on Receipt <u>21.0</u> °C					

APPENDIX II
MAY 2019 LABORATORY ANALYTICAL REPORTS
FOR FSP&T AND FP&T RECOVERY WELLS



Technical Report

prepared for:

WSP USA, Inc. (Shelton)
4 Research Drive, Suite 204
Shelton CT, 06484
Attention: Tunde Komuves-Sandor

Report Date: 06/04/2019
Client Project ID: 31401451.000 task 01.00
York Project (SDG) No.: 19E0335

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 06/04/2019
Client Project ID: 31401451.000 task 01.00
York Project (SDG) No.: 19E0335

WSP USA, Inc. (Shelton)
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 May 08, 2019 and listed below. The project was identified as your project: **31401451.000 task 01.00**.

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 Sample and Analysis Qualifiers 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 Sample and Data Qualifiers Relating to This Work Order section of 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.

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
19E0335-01	WQ050619: 1200 FRW-1	Water	05/06/2019	05/08/2019
19E0335-02	WQ050619: 1205 FRW-2	Water	05/06/2019	05/08/2019
19E0335-03	WQ050619: 1210 FRW-3	Water	05/06/2019	05/08/2019
19E0335-04	WQ050619: 1215 FRW-4	Water	05/06/2019	05/08/2019
19E0335-05	WQ050619: 1240 NP1-1-2	Water	05/06/2019	05/08/2019

General Notes for York Project (SDG) No.: 19E0335

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 analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 06/04/2019





Sample Information

Client Sample ID: WQ050619: 1200 FRW-1

York Sample ID: 19E0335-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19E0335	31401451.000 task 01.00	Water	May 6, 2019 12:00 pm	05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 14:41	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
95-63-6	1,2,4-Trimethylbenzene	0.470		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP



Sample Information

Client Sample ID: WQ050619: 1200 FRW-1

York Sample ID: 19E0335-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:00 pm

05/08/2019

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
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
156-59-2	cis-1,2-Dichloroethylene	0.250		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP



Sample Information

Client Sample ID: WQ050619: 1200 FRW-1

York Sample ID: 19E0335-01

<u>York Project (SDG) No.</u> 19E0335	<u>Client Project ID</u> 31401451.000 task 01.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 6, 2019 12:00 pm	<u>Date Received</u> 05/08/2019
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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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
91-20-3	Naphthalene	4.26		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
95-47-6	o-Xylene	0.310		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
127-18-4	Tetrachloroethylene	32.2		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
108-88-3	Toluene	0.210		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
79-01-6	Trichloroethylene	0.240		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 14:41	TMP
1330-20-7	Xylenes, Total	0.800		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 14:41	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.9 %	70-130								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	70-130								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	70-130								



Sample Information

Client Sample ID: WQ050619: 1205 FRW-2

York Sample ID: 19E0335-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:05 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 15:09	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP



Sample Information

Client Sample ID: WQ050619: 1205 FRW-2

York Sample ID: 19E0335-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:05 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP



Sample Information

Client Sample ID: WQ050619: 1205 FRW-2

York Sample ID: 19E0335-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:05 pm

05/08/2019

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	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
127-18-4	Tetrachloroethylene	3.46		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 15:09	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 15:09	TMP
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	96.5 %			70-130						
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	102 %			70-130						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	105 %			70-130						



Sample Information

Client Sample ID: WQ050619: 1210 FRW-3

York Sample ID: 19E0335-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:10 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 16:04	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
95-63-6	1,2,4-Trimethylbenzene	0.540		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP



Sample Information

Client Sample ID: WQ050619: 1210 FRW-3

York Sample ID: 19E0335-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:10 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
156-59-2	cis-1,2-Dichloroethylene	2.82		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP



Sample Information

Client Sample ID: WQ050619: 1210 FRW-3

York Sample ID: 19E0335-03

<u>York Project (SDG) No.</u> 19E0335	<u>Client Project ID</u> 31401451.000 task 01.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 6, 2019 12:10 pm	<u>Date Received</u> 05/08/2019
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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	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
103-65-1	n-Propylbenzene	0.200		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
95-47-6	o-Xylene	0.270		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
179601-23-1	p- & m- Xylenes	0.620		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
127-18-4	Tetrachloroethylene	44.4		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
108-88-3	Toluene	0.500		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
79-01-6	Trichloroethylene	1.20		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:04	TMP
1330-20-7	Xylenes, Total	0.890		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 16:04	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	98.8 %	70-130								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	101 %	70-130								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	109 %	70-130								



Sample Information

Client Sample ID: WQ050619: 1215 FRW-4

York Sample ID: 19E0335-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:15 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 16:58	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP



Sample Information

Client Sample ID: WQ050619: 1215 FRW-4

York Sample ID: 19E0335-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:15 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
156-59-2	cis-1,2-Dichloroethylene	0.230		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP



Sample Information

Client Sample ID: WQ050619: 1215 FRW-4

York Sample ID: 19E0335-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:15 pm

05/08/2019

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	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
127-18-4	Tetrachloroethylene	0.800		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 16:58	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 16:58	TMP
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	99.6 %			70-130						
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	100 %			70-130						
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	111 %			70-130						



Sample Information

Client Sample ID: WQ050619: 1240 NP1-1-2

York Sample ID: 19E0335-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:40 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 17:26	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP



Sample Information

Client Sample ID: WQ050619: 1240 NP1-1-2

York Sample ID: 19E0335-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19E0335

31401451.000 task 01.00

Water

May 6, 2019 12:40 pm

05/08/2019

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	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP



Sample Information

Client Sample ID: WQ050619: 1240 NP1-1-2

York Sample ID: 19E0335-05

<u>York Project (SDG) No.</u> 19E0335	<u>Client Project ID</u> 31401451.000 task 01.00	<u>Matrix</u> Water	<u>Collection Date/Time</u> May 6, 2019 12:40 pm	<u>Date Received</u> 05/08/2019
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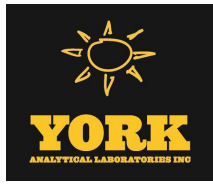
Volatile Organics, 8260 List - Low Level

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	1.00	2.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
91-20-3	Naphthalene	ND		ug/L	1.00	2.00	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
127-18-4	Tetrachloroethylene	0.340		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
79-01-6	Trichloroethylene	0.270		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	05/10/2019 14:08	05/10/2019 17:26	TMP
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	05/10/2019 14:08	05/10/2019 17:26	TMP
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	95.0 %			70-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	104 %			70-130						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	105 %			70-130						



Analytical Batch Summary

Batch ID: BE90565

Preparation Method: EPA 5030B

Prepared By: LLJ

YORK Sample ID	Client Sample ID	Preparation Date
19E0335-01	WQ050619: 1200 FRW-1	05/10/19
19E0335-02	WQ050619: 1205 FRW-2	05/10/19
19E0335-03	WQ050619: 1210 FRW-3	05/10/19
19E0335-04	WQ050619: 1215 FRW-4	05/10/19
19E0335-05	WQ050619: 1240 NP1-1-2	05/10/19
BE90565-BLK1	Blank	05/10/19
BE90565-BS1	LCS	05/10/19
BE90565-BSD1	LCS Dup	05/10/19



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
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Batch BE90565 - EPA 5030B

Blank (BE90565-BLK1)

Prepared & Analyzed: 05/10/2019

1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	0.210	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
2,2-Dichloropropane	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
Acetone	ND	2.00	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylene chloride	ND	2.00	"								
Naphthalene	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								



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 BE90565 - EPA 5030B											
Blank (BE90565-BLK1)											
Prepared & Analyzed: 05/10/2019											
n-Propylbenzene	ND	0.500	ug/L								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	9.73		"	10.0		97.3	70-130				
<i>Surrogate: SURR: Toluene-d8</i>	10.3		"	10.0		103	70-130				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	10.5		"	10.0		105	70-130				
LCS (BE90565-BS1)											
Prepared & Analyzed: 05/10/2019											
1,1,1,2-Tetrachloroethane	8.97		ug/L	10.0		89.7	82-126				30
1,1,1-Trichloroethane	9.77		"	10.0		97.7	70-130				20
1,1,2,2-Tetrachloroethane	10.5		"	10.0		105	70-130				20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.6		"	10.0		106	70-130				20
1,1,2-Trichloroethane	9.25		"	10.0		92.5	70-130				20
1,1-Dichloroethane	9.50		"	10.0		95.0	70-130				20
1,1-Dichloroethylene	9.46		"	10.0		94.6	70-130				20
1,1-Dichloropropylene	9.62		"	10.0		96.2	83-133				30
1,2,3-Trichlorobenzene	5.43		"	10.0		54.3	70-130	Low Bias			20
1,2,3-Trichloropropane	10.6		"	10.0		106	77-128				30
1,2,4-Trichlorobenzene	6.78		"	10.0		67.8	70-130	Low Bias			20
1,2,4-Trimethylbenzene	9.96		"	10.0		99.6	82-132				20
1,2-Dibromo-3-chloropropane	8.45		"	10.0		84.5	40-160				20
1,2-Dibromoethane	9.28		"	10.0		92.8	70-130				20
1,2-Dichlorobenzene	9.85		"	10.0		98.5	70-130				20
1,2-Dichloroethane	8.75		"	10.0		87.5	70-130				20
1,2-Dichloropropane	9.24		"	10.0		92.4	70-130				20
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				30
1,3-Dichlorobenzene	9.77		"	10.0		97.7	70-130				20
1,3-Dichloropropane	9.47		"	10.0		94.7	81-125				30
1,4-Dichlorobenzene	9.90		"	10.0		99.0	70-130				20
2,2-Dichloropropane	9.43		"	10.0		94.3	56-150				30
2-Chlorotoluene	10.2		"	10.0		102	79-130				30
2-Hexanone	9.38		"	10.0		93.8	40-160				20
4-Chlorotoluene	10.2		"	10.0		102	79-128				30
Acetone	9.63		"	10.0		96.3	40-160				20
Benzene	9.77		"	10.0		97.7	70-130				20
Bromobenzene	10.2		"	10.0		102	78-129				30
Bromochloromethane	9.61		"	10.0		96.1	70-130				20
Bromodichloromethane	8.96		"	10.0		89.6	70-130				20



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	
		Limit								Units	Level
Batch BE90565 - EPA 5030B											
LCS (BE90565-BS1)											
Prepared & Analyzed: 05/10/2019											
Bromoform	8.32		ug/L	10.0		83.2	70-130				20
Bromomethane	9.07		"	10.0		90.7	40-160				20
Carbon tetrachloride	9.22		"	10.0		92.2	70-130				20
Chlorobenzene	9.46		"	10.0		94.6	70-130				20
Chloroethane	8.36		"	10.0		83.6	40-160				20
Chloroform	9.48		"	10.0		94.8	70-130				20
Chloromethane	9.40		"	10.0		94.0	40-160				20
cis-1,2-Dichloroethylene	9.73		"	10.0		97.3	70-130				20
cis-1,3-Dichloropropylene	9.05		"	10.0		90.5	70-130				20
Dibromochloromethane	8.98		"	10.0		89.8	70-130				20
Dibromomethane	9.20		"	10.0		92.0	72-134				30
Dichlorodifluoromethane	10.8		"	10.0		108	40-160				20
Ethyl Benzene	9.86		"	10.0		98.6	70-130				20
Hexachlorobutadiene	6.52		"	10.0		65.2	67-146	Low Bias			30
Isopropylbenzene	10.8		"	10.0		108	70-130				20
Methyl tert-butyl ether (MTBE)	9.25		"	10.0		92.5	70-130				20
Methylene chloride	10.9		"	10.0		109	70-130				20
Naphthalene	5.71		"	10.0		57.1	70-147	Low Bias			30
n-Butylbenzene	9.21		"	10.0		92.1	79-132				30
n-Propylbenzene	10.8		"	10.0		108	78-133				30
o-Xylene	9.40		"	10.0		94.0	70-130				20
p- & m- Xylenes	19.5		"	20.0		97.5	70-130				20
p-Isopropyltoluene	9.99		"	10.0		99.9	81-136				30
sec-Butylbenzene	10.7		"	10.0		107	79-137				30
Styrene	9.18		"	10.0		91.8	70-130				20
tert-Butylbenzene	10.2		"	10.0		102	77-138				30
Tetrachloroethylene	8.47		"	10.0		84.7	70-130				20
Toluene	9.80		"	10.0		98.0	70-130				20
trans-1,2-Dichloroethylene	9.46		"	10.0		94.6	70-130				20
trans-1,3-Dichloropropylene	8.85		"	10.0		88.5	70-130				20
Trichloroethylene	9.48		"	10.0		94.8	70-130				20
Trichlorofluoromethane	9.37		"	10.0		93.7	40-160				20
Vinyl Chloride	10.8		"	10.0		108	70-130				20
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.61</i>		<i>"</i>	<i>10.0</i>		<i>96.1</i>	<i>70-130</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>70-130</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.3</i>		<i>"</i>	<i>10.0</i>		<i>103</i>	<i>70-130</i>				



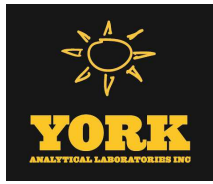
Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BE90565 - EPA 5030B											
LCS Dup (BE90565-BSD1)											
Prepared & Analyzed: 05/10/2019											
1,1,1,2-Tetrachloroethane	9.29		ug/L	10.0		92.9	82-126		3.50	30	
1,1,1-Trichloroethane	10.4		"	10.0		104	70-130		5.96	20	
1,1,2,2-Tetrachloroethane	11.0		"	10.0		110	70-130		5.11	20	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.7		"	10.0		117	70-130		10.0	20	
1,1,2-Trichloroethane	9.59		"	10.0		95.9	70-130		3.61	20	
1,1-Dichloroethane	10.2		"	10.0		102	70-130		6.81	20	
1,1-Dichloroethylene	10.5		"	10.0		105	70-130		10.0	20	
1,1-Dichloropropylene	10.1		"	10.0		101	83-133		5.07	30	
1,2,3-Trichlorobenzene	7.76		"	10.0		77.6	70-130		35.3	20	Non-dir.
1,2,3-Trichloropropane	11.3		"	10.0		113	77-128		6.58	30	
1,2,4-Trichlorobenzene	8.67		"	10.0		86.7	70-130		24.5	20	Non-dir.
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132		6.51	20	
1,2-Dibromo-3-chloropropane	8.97		"	10.0		89.7	40-160		5.97	20	
1,2-Dibromoethane	9.67		"	10.0		96.7	70-130		4.12	20	
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130		6.39	20	
1,2-Dichloroethane	8.94		"	10.0		89.4	70-130		2.15	20	
1,2-Dichloropropane	9.54		"	10.0		95.4	70-130		3.19	20	
1,3,5-Trimethylbenzene	11.1		"	10.0		111	80-131		5.93	30	
1,3-Dichlorobenzene	10.6		"	10.0		106	70-130		7.77	20	
1,3-Dichloropropane	9.61		"	10.0		96.1	81-125		1.47	30	
1,4-Dichlorobenzene	10.6		"	10.0		106	70-130		6.36	20	
2,2-Dichloropropane	10.2		"	10.0		102	56-150		8.33	30	
2-Chlorotoluene	10.9		"	10.0		109	79-130		7.40	30	
2-Hexanone	9.45		"	10.0		94.5	40-160		0.743	20	
4-Chlorotoluene	10.8		"	10.0		108	79-128		5.99	30	
Acetone	10.3		"	10.0		103	40-160		6.43	20	
Benzene	10.2		"	10.0		102	70-130		4.70	20	
Bromobenzene	10.8		"	10.0		108	78-129		5.90	30	
Bromochloromethane	9.99		"	10.0		99.9	70-130		3.88	20	
Bromodichloromethane	9.54		"	10.0		95.4	70-130		6.27	20	
Bromoform	8.75		"	10.0		87.5	70-130		5.04	20	
Bromomethane	9.42		"	10.0		94.2	40-160		3.79	20	
Carbon tetrachloride	10.0		"	10.0		100	70-130		8.52	20	
Chlorobenzene	10.0		"	10.0		100	70-130		6.05	20	
Chloroethane	9.95		"	10.0		99.5	40-160		17.4	20	
Chloroform	10.0		"	10.0		100	70-130		5.84	20	
Chloromethane	10.2		"	10.0		102	40-160		8.65	20	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		4.52	20	
cis-1,3-Dichloropropylene	9.26		"	10.0		92.6	70-130		2.29	20	
Dibromochloromethane	9.48		"	10.0		94.8	70-130		5.42	20	
Dibromomethane	9.26		"	10.0		92.6	72-134		0.650	30	
Dichlorodifluoromethane	11.8		"	10.0		118	40-160		8.81	20	
Ethyl Benzene	10.6		"	10.0		106	70-130		7.14	20	
Hexachlorobutadiene	8.06		"	10.0		80.6	67-146		21.1	30	
Isopropylbenzene	11.7		"	10.0		117	70-130		8.06	20	
Methyl tert-butyl ether (MTBE)	9.52		"	10.0		95.2	70-130		2.88	20	
Methylene chloride	11.5		"	10.0		115	70-130		4.73	20	
Naphthalene	8.10		"	10.0		81.0	70-147		34.6	30	Non-dir.
n-Butylbenzene	10.2		"	10.0		102	79-132		10.2	30	
n-Propylbenzene	11.7		"	10.0		117	78-133		7.82	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike Level	Source*	%REC	%REC Limits	Flag	RPD	
		Limit			Result				%REC	RPD
Batch BE90565 - EPA 5030B										
LCS Dup (BE90565-BSD1)										
Prepared & Analyzed: 05/10/2019										
o-Xylene	9.91		ug/L	10.0		99.1	70-130		5.28	20
p- & m- Xylenes	20.8		"	20.0		104	70-130		6.45	20
p-Isopropyltoluene	10.8		"	10.0		108	81-136		7.33	30
sec-Butylbenzene	11.6		"	10.0		116	79-137		8.42	30
Styrene	9.74		"	10.0		97.4	70-130		5.92	20
tert-Butylbenzene	10.9		"	10.0		109	77-138		6.82	30
Tetrachloroethylene	9.07		"	10.0		90.7	70-130		6.84	20
Toluene	10.3		"	10.0		103	70-130		5.27	20
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130		7.82	20
trans-1,3-Dichloropropylene	8.97		"	10.0		89.7	70-130		1.35	20
Trichloroethylene	10.0		"	10.0		100	70-130		5.54	20
Trichlorofluoromethane	9.84		"	10.0		98.4	40-160		4.89	20
Vinyl Chloride	8.31		"	10.0		83.1	70-130		25.8	20 Non-dir.
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>9.50</i>		<i>"</i>	<i>10.0</i>		<i>95.0</i>	<i>70-130</i>			
<i>Surrogate: SURR: Toluene-d8</i>	<i>10.2</i>		<i>"</i>	<i>10.0</i>		<i>102</i>	<i>70-130</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>10.5</i>		<i>"</i>	<i>10.0</i>		<i>105</i>	<i>70-130</i>			



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19E0335-01	WQ050619: 1200 FRW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0335-02	WQ050619: 1205 FRW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0335-03	WQ050619: 1210 FRW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0335-04	WQ050619: 1215 FRW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
19E0335-05	WQ050619: 1240 NP1-1-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

- QR-02 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due to the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

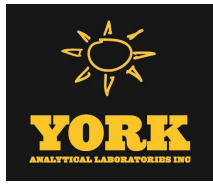
- * Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
- ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte 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: The report was revised due to a reporting error for the Voa analysis.



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Field Chain-of-Custody Record

York Project No. 19E0335

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.

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company:	WSP USA	SAME <input checked="" type="checkbox"/>	SAME <input checked="" type="checkbox"/>	31401451.000 task		RUSH-Same Day		RUSH-Same Day		Summary Report X, PDF	
Address:	4 Research Drive	Name:	Name:	01.00		RUSH-Next Day		RUSH-Next Day		QA Report X, PDF	
Address:	Suite 301, Shelton CT 06484	Company:	Company:	Purchase Order #		RUSH-Two Day		RUSH-Two Day		CT RCP	
Phone:	203.929.8555	Address:	Address:	31401451.000 task		RUSH-Three Day		RUSH-Three Day		CT RCP DQA/DUE Pkg	
Contact:	Tunde Sandor	E-mail:	E-mail:	01.00		RUSH-Four Day		RUSH-Four Day		NY ASP A Package	
E-mail:	tunde.sandor@wsp.com	Samples from CT_NY_x_NJ_		X		Standard (5-7day)		Standard (5-7day)		NY ASP B Package X, PDF	
<p>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.</p> <p>Matrix Codes S - soil Other - specify (oil, etc.) WW - wastewater GW - groundwater DW - drinking water Air-A - ambient air Air-SV - soil vapor</p> <p>Samples Collected/Authorized By (Signature) <i>[Signature]</i> Name (printed) Euan Foster</p>											
Sample Identification		Date+Time Sampled		Matrix		Analysis Requested (List above includes common analysis)		Container Description		OTHER:	
W0505612: 1205 FRW-1 1205 FRW-2 1210 FRW-3 1215 FRW-4 1210 NP-1-2		5-6-19 1200 1205 1210 1215 1240		GW ↓ ↓		VOCs 8260 full plus freon 113 Red By: <i>[Signature]</i> 5/8/19 1329		300's ↓		YORK Regulatory Comp Excel compared to:	
<p>Preservation (check all applicable): <input checked="" type="checkbox"/> F.C. <input checked="" type="checkbox"/> Frozen <input checked="" type="checkbox"/> HCl <input checked="" type="checkbox"/> ZnAc <input checked="" type="checkbox"/> MeOH <input checked="" type="checkbox"/> Ascorbic Acid <input checked="" type="checkbox"/> HNO₃ <input checked="" type="checkbox"/> H₂O₂ <input checked="" type="checkbox"/> NaOH</p> <p>Special Instructions: Field Filtered <input type="checkbox"/> Lab to Filter <input type="checkbox"/></p>											
<p>Comments:</p> <p>5-7-19 1400 WSP Friday 5-7-19 1400 Samples Received By: <i>[Signature]</i> Date/Time: 5/7/19 1510 Samples Received in LAB by: <i>[Signature]</i> Date/Time: 5/7/19 1510 Temperature on Receipt: <u>2.1</u> °C</p>											