



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region 3 Environmental Science Center
 Office of Analytical Services and Quality Assurance
 701 Mapes Road
 Fort Meade, Maryland 20755-5350



Final Analytical Report

Site Name..... Westvaco Spill - NBP Monitor
 Sample Collection Date(s)..... 09/29/15 11:30- 09/29/15 12:00
 Contact..... Rick Rogers
 Report Date..... 09/30/15 14:49
 Project #..... NSF 701
 Work Order..... 1509032

DRAFT

Analyses included in this report:

VOCs based on SW846 5030B/8260C



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_EOS

Lab ID: 1509032-01

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets

Analyte	Result	Flags Qualifiers	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L		Limit					
Acetone	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Benzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Bromobenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Bromochloromethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Bromodichloromethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Bromoform	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Bromomethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
2-Butanone	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
sec-Butylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
tert-Butylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
n-Butylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Carbon disulfide	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Carbon Tetrachloride	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Chlorobenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Chlorodibromomethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Chloroethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Chloroform	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Chloromethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
2-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
4-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Cyclohexane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2-Dibromo-3-chloropropane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2-Dibromoethane (EDB)	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Dibromomethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,3-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,4-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Dichlorodifluoromethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,1-Dichloroethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2-Dichloroethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,1-Dichloroethene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
cis-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
trans-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,3-Dichloropropane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
2,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,1-Dichloropropene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
cis-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210



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701 Mapes Road

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Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_EOS

Lab ID: 1509032-01

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets (Continued)

Analyte	Result	Flags Qualifiers	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L		Limit					
trans-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Ethylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Freon 113	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Hexachlorobutadiene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
2-Hexanone	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Isopropylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
p-Isopropyltoluene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Methyl Acetate	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Methylcyclohexane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Methyl-tert-butyl ether	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Methylene Chloride	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
4-Methyl-2-pentanone	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Naphthalene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
n-Propylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Styrene	U		10.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,1,2,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,1,1,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Tetrachloroethene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Toluene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2,3-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2,4-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,1,1-Trichloroethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,1,2-Trichloroethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Trichloroethene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Trichlorofluoromethane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2,3-Trichloropropane	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,2,4-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
1,3,5-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Vinyl acetate	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Vinyl chloride	U		5.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
m-Xylene/p-Xylene	U		10.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210
o-Xylene	U		10.0		1	09/30/15	09/30/15 13:07	SW8260C/R3QA210

Surrogates

Analyte	Result	Flags Qualifiers	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L		%Recovery	Limits			
Surrogate: 4-Bromofluorobenzene	21.83		109 %	86-115	09/30/15	09/30/15 13:07	SW8260C/R3QA210



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Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_EOS

Lab ID: 1509032-01

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 1,2-Dichloroethane-d4	22.36		112 %	76-114	09/30/15	09/30/15 13:07	SW8260C/R3QA210
Surrogate: Toluene-d8	19.44		97 %	88-110	09/30/15	09/30/15 13:07	SW8260C/R3QA210



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701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_FB EOS

Lab ID: 1509032-02

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets

Analyte	Result	Flags	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit					
Acetone	2.4	J	5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Benzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Bromobenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Bromochloromethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Bromodichloromethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Bromoform	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Bromomethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
2-Butanone	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
sec-Butylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
tert-Butylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
n-Butylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Carbon disulfide	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Carbon Tetrachloride	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Chlorobenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Chlorodibromomethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Chloroethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Chloroform	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Chloromethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
2-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
4-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Cyclohexane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2-Dibromo-3-chloropropane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2-Dibromoethane (EDB)	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Dibromomethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,3-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,4-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Dichlorodifluoromethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,1-Dichloroethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2-Dichloroethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,1-Dichloroethene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
cis-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
trans-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,3-Dichloropropane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
2,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,1-Dichloropropene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
cis-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_FB EOS

Lab ID: 1509032-02

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets (Continued)

Analyte	Result	Flags Qualifiers	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L		Limit					
trans-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Ethylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Freon 113	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Hexachlorobutadiene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
2-Hexanone	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Isopropylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
p-Isopropyltoluene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Methyl Acetate	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Methylcyclohexane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Methyl-tert-butyl ether	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Methylene Chloride	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
4-Methyl-2-pentanone	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Naphthalene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
n-Propylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Styrene	U		10.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,1,2,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,1,1,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Tetrachloroethene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Toluene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2,3-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2,4-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,1,1-Trichloroethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,1,2-Trichloroethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Trichloroethene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Trichlorofluoromethane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2,3-Trichloropropane	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,2,4-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
1,3,5-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Vinyl acetate	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Vinyl chloride	U		5.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
m-Xylene/p-Xylene	U		10.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210
o-Xylene	U		10.0		1	09/30/15	09/30/15 12:18	SW8260C/R3QA210

Surrogates

Analyte	Result	Flags Qualifiers	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L		%Recovery	Limits			
Surrogate: 4-Bromofluorobenzene	21.25		106 %	86-115	09/30/15	09/30/15 12:18	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_FB EOS

Lab ID: 1509032-02

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
Surrogate: 1,2-Dichloroethane-d4	21.16		106 %	76-114	09/30/15	09/30/15 12:18	SW8260C/R3QA210
Surrogate: Toluene-d8	19.84		99 %	88-110	09/30/15	09/30/15 12:18	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_MID

Lab ID: 1509032-03

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets

Analyte	Result	Flags	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit					
Acetone	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Benzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Bromobenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Bromochloromethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Bromodichloromethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Bromoform	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Bromomethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
2-Butanone	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
sec-Butylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
tert-Butylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
n-Butylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Carbon disulfide	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Carbon Tetrachloride	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Chlorobenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Chlorodibromomethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Chloroethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Chloroform	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Chloromethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
2-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
4-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Cyclohexane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2-Dibromo-3-chloropropane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2-Dibromoethane (EDB)	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Dibromomethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,3-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,4-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Dichlorodifluoromethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,1-Dichloroethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2-Dichloroethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,1-Dichloroethene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
cis-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
trans-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,3-Dichloropropane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
2,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,1-Dichloropropene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
cis-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_MID

Lab ID: 1509032-03

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets (Continued)

Analyte	Result	Flags Qualifiers	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L		Limit					
trans-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Ethylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Freon 113	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Hexachlorobutadiene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
2-Hexanone	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Isopropylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
p-Isopropyltoluene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Methyl Acetate	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Methylcyclohexane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Methyl-tert-butyl ether	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Methylene Chloride	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
4-Methyl-2-pentanone	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Naphthalene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
n-Propylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Styrene	U		10.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,1,2,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,1,1,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Tetrachloroethene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Toluene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2,3-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2,4-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,1,1-Trichloroethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,1,2-Trichloroethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Trichloroethene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Trichlorofluoromethane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2,3-Trichloropropane	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,2,4-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
1,3,5-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Vinyl acetate	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
Vinyl chloride	U		5.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
m-Xylene/p-Xylene	U		10.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210
o-Xylene	U		10.0		1	09/30/15	09/30/15 13:31	SW8260C/R3QA210

Surrogates

Analyte	Result	Flags Qualifiers	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L		%Recovery	Limits			
Surrogate: 4-Bromofluorobenzene	21.62		108 %	86-115	09/30/15	09/30/15 13:31	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_MID

Lab ID: 1509032-03

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 1,2-Dichloroethane-d4</i>	22.25		111 %	76-114	09/30/15	09/30/15 13:31	SW8260C/R3QA210
<i>Surrogate: Toluene-d8</i>	19.83		99 %	88-110	09/30/15	09/30/15 13:31	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_MID

Lab ID: 1509032-04

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets

Analyte	Result	Flags Qualifiers	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L		Limit					
Acetone	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Benzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Bromobenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Bromochloromethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Bromodichloromethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Bromoform	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Bromomethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
2-Butanone	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
sec-Butylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
tert-Butylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
n-Butylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Carbon disulfide	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Carbon Tetrachloride	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Chlorobenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Chlorodibromomethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Chloroethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Chloroform	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Chloromethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
2-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
4-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Cyclohexane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2-Dibromo-3-chloropropane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2-Dibromoethane (EDB)	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Dibromomethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,3-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,4-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Dichlorodifluoromethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,1-Dichloroethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2-Dichloroethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,1-Dichloroethene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
cis-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
trans-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,3-Dichloropropane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
2,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,1-Dichloropropene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
cis-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_MID

Lab ID: 1509032-04

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets (Continued)

Analyte	Result	Flags Qualifiers	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L		Limit					
trans-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Ethylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Freon 113	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Hexachlorobutadiene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
2-Hexanone	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Isopropylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
p-Isopropyltoluene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Methyl Acetate	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Methylcyclohexane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Methyl-tert-butyl ether	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Methylene Chloride	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
4-Methyl-2-pentanone	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Naphthalene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
n-Propylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Styrene	U		10.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,1,2,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,1,1,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Tetrachloroethene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Toluene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2,3-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2,4-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,1,1-Trichloroethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,1,2-Trichloroethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Trichloroethene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Trichlorofluoromethane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2,3-Trichloropropane	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,2,4-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
1,3,5-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Vinyl acetate	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
Vinyl chloride	U		5.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
m-Xylene/p-Xylene	U		10.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210
o-Xylene	U		10.0		1	09/30/15	09/30/15 12:42	SW8260C/R3QA210

Surrogates

Analyte	Result	Flags Qualifiers	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L		%Recovery	Limits			
Surrogate: 4-Bromofluorobenzene	21.37		107 %	86-115	09/30/15	09/30/15 12:42	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: POT_MID

Lab ID: 1509032-04

Sample Matrix: Surface Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 1,2-Dichloroethane-d4</i>	21.18		106 %	76-114	09/30/15	09/30/15 12:42	SW8260C/R3QA210
<i>Surrogate: Toluene-d8</i>	20.17		101 %	88-110	09/30/15	09/30/15 12:42	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: 92915JH

Lab ID: 1509032-06

Sample Matrix: Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets

Analyte	Result	Flags	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit					
Acetone	2.8	J	5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Benzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Bromobenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Bromochloromethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Bromodichloromethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Bromoform	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Bromomethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
2-Butanone	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
sec-Butylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
tert-Butylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
n-Butylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Carbon disulfide	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Carbon Tetrachloride	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Chlorobenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Chlorodibromomethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Chloroethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Chloroform	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Chloromethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
2-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
4-Chlorotoluene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Cyclohexane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2-Dibromo-3-chloropropane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2-Dibromoethane (EDB)	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Dibromomethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,3-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,4-Dichlorobenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Dichlorodifluoromethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,1-Dichloroethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2-Dichloroethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,1-Dichloroethene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
cis-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
trans-1,2-Dichloroethene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,3-Dichloropropane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
2,2-Dichloropropane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,1-Dichloropropene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
cis-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 3 Environmental Science Center

Office of Analytical Services and Quality Assurance

701 Mapes Road

Fort Meade, Maryland 20755-5350



Site Name: Westvaco Spill - NBP Monitor

Project #: NSF 701

Station ID: 92915JH

Lab ID: 1509032-06

Sample Matrix: Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Targets (Continued)

Analyte	Result	Flags	Quantitation		Dilution	Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	Limit					
trans-1,3-Dichloropropene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Ethylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Freon 113	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Hexachlorobutadiene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
2-Hexanone	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Isopropylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
p-Isopropyltoluene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Methyl Acetate	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Methylcyclohexane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Methyl-tert-butyl ether	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Methylene Chloride	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
4-Methyl-2-pentanone	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Naphthalene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
n-Propylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Styrene	U		10.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,1,2,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,1,1,2-Tetrachloroethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Tetrachloroethene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Toluene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2,3-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2,4-Trichlorobenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,1,1-Trichloroethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,1,2-Trichloroethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Trichloroethene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Trichlorofluoromethane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2,3-Trichloropropane	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,2,4-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
1,3,5-Trimethylbenzene	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Vinyl acetate	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
Vinyl chloride	U		5.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
m-Xylene/p-Xylene	U		10.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210
o-Xylene	U		10.0		1	09/30/15	09/30/15 11:53	SW8260C/R3QA210

Surrogates

Analyte	Result	Flags	%Recovery		Prepared	Analyzed	Method/SOP#
	ug/L	Qualifiers	%Recovery	Limits			
Surrogate: 4-Bromofluorobenzene	22.29		111 %	86-115	09/30/15	09/30/15 11:53	SW8260C/R3QA210



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Project #: NSF 701

Station ID: 92915JH

Lab ID: 1509032-06

Sample Matrix: Water

Date Collected: 09/29/2015

Volatile Organic Compounds

Surrogates

Analyte	Result ug/L	Flags Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed	Method/SOP#
<i>Surrogate: 1,2-Dichloroethane-d4</i>	20.75		104 %	76-114	09/30/15	09/30/15 11:53	SW8260C/R3QA210
<i>Surrogate: Toluene-d8</i>	20.18		101 %	88-110	09/30/15	09/30/15 11:53	SW8260C/R3QA210



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Notes and Definitions

- J The identification of the analyte is acceptable; the reported value is an estimate.
- A Quality control value is outside acceptance limits.
- NR Not Reported
- RPD Relative Percent Difference
- U Analyte included in the analysis, but not detected at or above the quantitation limit.
- NR Not Reported

Quantitation Limit: The lowest concentration of an analyte that can be reliably measured within specified limits of precision and accuracy for a specific laboratory analytical method and that takes into account analytical adjustments made during sample preparation and analysis.

SOLID SAMPLE RESULTS - REPORTING PROTOCOL: Solid samples where % Solids (percent dry wt at 105 degrees C) has been performed, are analyzed wet and converted to a dry weight result for reporting purposes. This is routine for organics and most inorganic analyses. When metals and mercury analyses are requested, solid samples are routinely analyzed and reported on a dry weight basis. Solid samples for metals/mercury are prepared for analysis by an initial drying at 60 degree C and homogenization before digestion. Oil-type samples will be analyzed and reported on a wet weight basis for all analyses because of the nature of the sample. Any exceptions to the protocol will be noted with a qualifier