

July 23, 2026

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Project Location: 9347 Buffalo Ave, Niagarh Falls, NY
Client Job Number:
Project Number: 2602189
Laboratory Work Order Number: 26F1604

Enclosed are results of analyses for samples as received by the laboratory on June 17, 2026. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Kyle A. Murray
Project Manager

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Pace Analytical Services, LLC - East Longmeadow, Ma

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ATTN: Salvatore Calandra

REPORT DATE: 7/23/2026

PURCHASE ORDER NUMBER: 154043

PROJECT NUMBER: 2602189

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 26F1604

The results of analyses performed on the following samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, are found in this report.

PROJECT LOCATION: 9347 Buffalo Ave, Niagarh Falls, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SED-1	26F1604-01	Soil		-	
				-	M-MA-086/CT PH-0826/NY11148
				EPA 1633A	
				EPA 300.0	M-MA-086/CT PH-0826/NY11148
				EPA 410.4 Modified	
				EPA 9060A	
				SM 2540G	
				SM21-24 4500 NH3 C Modified	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260D	
				SW-846 8270E	
				varies	M-MA-086/CT PH-0826/NY11148
DUP (soil)	26F1604-02	Soil		-	M-MA-086/CT PH-0826/NY11148
				EPA 1633A	
				EPA 300.0	M-MA-086/CT PH-0826/NY11148
				EPA 410.4 Modified	
				EPA 9060A	
				SM 2540G	
				SM21-24 4500 NH3 C Modified	
				SW-846 8081B	
				SW-846 8082A	
				SW-846 8260D	
				SW-846 8270E	
				varies	M-MA-086/CT PH-0826/NY11148



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PROJECT LOCATION: 9347 Buffalo Ave, Niagarh Falls, NY

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-02	26F1604-03	Ground Water		EPA 1633A	M-MA-086/CT PH-0826/NY11148
				EPA 300.0	
				EPA 300.0, Rev.2.1 (1993)	
				EPA 410.4, Rev.2.0 (1993)	
				SM 2320B-2011	
				SM 2540B-2020	M-MA-086/CT PH-0826/NY11148
				SM 2540C-2020	
				SM 4500-NH3 C-2021	
				SM 5310C-2014	
				SW-846 6010D	
				SW-846 8081B	M-MA-086/CT PH-0826/NY11148
				SW-846 8082A	
				SW-846 8260D	
				SW-846 8270E	
				varies	
DUP (water)	26F1604-04	Ground Water		EPA 1633A	M-MA-086/CT PH-0826/NY11148
				EPA 300.0	
				EPA 300.0, Rev.2.1 (1993)	
				EPA 410.4, Rev.2.0 (1993)	
				SM 2320B-2011	
				SM 2540B-2020	M-MA-086/CT PH-0826/NY11148
				SM 2540C-2020	
				SM 4500-NH3 C-2021	
				SM 5310C-2014	
				SW-846 6010D	
				SW-846 8081B	M-MA-086/CT PH-0826/NY11148
				SW-846 8082A	
				SW-846 8260D	
				SW-846 8270E	
				varies	
Trip Blank (soil)	26F1604-05	Trip Blank Soil		SW-846 8260D	M-MA-086/CT PH-0826/NY11148
				SW-846 8260D	
Trip Blank (water)	26F1604-06	Trip Blank Water		SW-846 8260D	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For any Soil analysis, the Method Blank, LCS, and LCSD are reported on a 100% solids basis.

REVISED 07-23-26: Results to the MDL.



300.0

Qualifications:**Q**

The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spi

Analyte & Samples(s) Qualified:**Bromide**

WG2231845-3, WG2231845-4

6010D

Qualifications:**Q**

The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spi

Analyte & Samples(s) Qualified:**Aluminum, Total**

WG2231094-5, WG2231094-6

Calcium, Total

WG2231094-5, WG2231632-3, WG2231632-4

Iron, Total

WG2231094-5, WG2231094-6, WG2231632-3, WG2231632-4

Magnesium, Total

WG2231094-5, WG2231094-6

Sodium, Total

WG2231632-3, WG2231632-4

Zinc, Total

WG2231094-5, WG2231094-6

EPA 1633A

Qualifications:**MS-12**

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTC)**

B430311-MS1, B430311-MSD1

Perfluorotridecanoic acid (PFTrDA)

B430311-MS1, B430311-MSD1

PF-18

Re-extraction confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:**13C2-PFDoA**

26F1604-01[SED-1], B430311-MS1, B430311-MSD1

Perfluorododecanoic acid (PFDoA)

26F1604-01[SED-1], B430311-MS1, B430311-MSD1

Perfluorotridecanoic acid (PFTrDA)

26F1604-01[SED-1], B430311-MS1, B430311-MSD1

PF-25

Sample underwent centrifugation per laboratory protocol.

Analyte & Samples(s) Qualified:

26F1604-03[MW-02], 26F1604-04[DUP (water)]

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S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

13C2-PFDoA

26F1604-02[DUP (soil)]

13C8-PFOA

26F1604-02[DUP (soil)]

D3-NMeFOSAA

26F1604-01[SED-1]

D5-NEtFOSAA

26F1604-01[SED-1], 26F1604-02[DUP (soil)]

N-EtFOSAA (NEtFOSAA)

26F1604-01[SED-1], 26F1604-02[DUP (soil)]

N-MeFOSAA (NMeFOSAA)

26F1604-01[SED-1]

Perfluorododecanoic acid (PFDoA)

26F1604-02[DUP (soil)]

Perfluorooctanesulfonamide (PFOSA)

26F1604-02[DUP (soil)]

Perfluorotridecanoic acid (PFTrDA)

26F1604-02[DUP (soil)]

EPA 410.4 Modified

Qualifications:

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery.

Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Chemical Oxygen Demand

26F1604-01[SED-1], B430963-MS1, B430963-MSD1

EPA 410.4, Rev.2.0 (1993)

Qualifications:

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery.

Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Chemical Oxygen Demand

26F1604-03[MW-02], B430937-MS2, B430937-MSD2

EPA 9060A

Qualifications:

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

TOC Rep 1

26F1604-01[SED-1], B430666-MS1, B430666-MSD1

TOC Rep 2

26F1604-01[SED-1], B430666-MSD1

TOC Rep 3

26F1604-01[SED-1], B430666-MS1, B430666-MSD1

TOC Rep 4

26F1604-01[SED-1], B430666-MS1, B430666-MSD1

Total Organic Carbon (Average)

26F1604-01[SED-1], B430666-MS1, B430666-MSD1

SM 2320B-2011

Qualifications:

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PR-18

Headspace present in sample container.

Analyte & Samples(s) Qualified:**Alkalinity to pH 4.5**

26F1604-04[DUP (water)]

SM 2540G**Qualifications:****R-02**

Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.

Analyte & Samples(s) Qualified:**% Solids**

B430545-DUP2

SM 5310C-2014**Qualifications:****MS-11**

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**Total Organic Carbon**

B431102-MSD1

SW-846 8081B**Qualifications:****DL-03**

Elevated reporting limit due to matrix.

Analyte & Samples(s) Qualified:

26F1604-01RE1[SED-1], 26F1604-01RE2[SED-1], 26F1604-02RE1[DUP (soil)], 26F1604-02RE2[DUP (soil)]

R-05

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:**Aldrin**

26F1604-03RE1[MW-02], 26F1604-04RE1[DUP (water)], B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

Aldrin [2C]

26F1604-03RE1[MW-02], 26F1604-04RE1[DUP (water)], B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

delta-BHC [2C]

26F1604-03RE1[MW-02], 26F1604-04RE1[DUP (water)], B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

Endrin Aldehyde [2C]

26F1604-03RE2[MW-02], 26F1604-04RE2[DUP (water)], B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

Heptachlor

26F1604-03RE1[MW-02], 26F1604-04RE1[DUP (water)], B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

Heptachlor [2C]

26F1604-03RE1[MW-02], 26F1604-04RE1[DUP (water)], B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:**Decachlorobiphenyl**

26F1604-01RE1[SED-1], 26F1604-01RE2[SED-1], 26F1604-02RE1[DUP (soil)], 26F1604-02RE2[DUP (soil)]

Decachlorobiphenyl [2C]

26F1604-01RE1[SED-1], 26F1604-01RE2[SED-1], 26F1604-02RE1[DUP (soil)], 26F1604-02RE2[DUP (soil)]

Tetrachloro-m-xylene

26F1604-01RE1[SED-1], 26F1604-01RE2[SED-1], 26F1604-02RE1[DUP (soil)], 26F1604-02RE2[DUP (soil)]

Tetrachloro-m-xylene [2C]

26F1604-01RE1[SED-1], 26F1604-01RE2[SED-1], 26F1604-02RE1[DUP (soil)], 26F1604-02RE2[DUP (soil)]

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S-26

Surrogate outside of control limits.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl

B430512-BLK1

Decachlorobiphenyl [2C]

B430512-BLK1

V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:

Endrin

B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

Methoxychlor

B430887-BLK1, B430887-BS1, B430887-BSD1

Methoxychlor [2C]

B430512-BLK1, B430512-BS1, B430512-BSD1, B430512-MS1, B430512-MSD1, B431025-BLK1, B431025-BS1, B431025-BSD1, B431025-MS1, B431025-MSD1

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

4,4'-DDD [2C]

B430887-BS1, B430887-BSD1

4,4'-DDE [2C]

B430887-BS1, B430887-BSD1

delta-BHC [2C]

B430887-BS1, B430887-BSD1

Endosulfan Sulfate

B430887-BS1, B430887-BSD1, B431025-BS1, B431025-BSD1

Endrin Aldehyde [2C]

B431025-MS1, B431025-MSD1

Z-01

Sample was re-extracted outside of holding time since Blank surrogate recovery was outside of control limits in initial analysis. Data from analysis performed outside of holding time is also reported since Blank surrogate recovery is acceptable.

Analyte & Samples(s) Qualified:

26F1604-03RE1[MW-02], 26F1604-03RE2[MW-02], 26F1604-04RE1[DUP (water)], 26F1604-04RE2[DUP (water)]

SW-846 8082A

Qualifications:

MS-23

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Aroclor-1016

B430886-MSD2

Aroclor-1016 [2C]

B430886-MSD2

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Aroclor-1016

26F1604-01RE1[SED-1], B430886-MS2

Aroclor-1016 [2C]

26F1604-01RE1[SED-1], B430886-MS2

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S-26

Surrogate outside of control limits.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl [2C]

B430513-BLK1

SW-846 8260D

Qualifications:

L-02

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

Analyte & Samples(s) Qualified:

Bromomethane

B430546-BS1, B430546-BSD1

L-07

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

1,2,3-Trichloropropane

B430574-BS1

Bromoform

B430787-BS1

Chloromethane

B430546-BS1

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery.

Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Acetone

26F1604-01[SED-1], B430546-MS1, B430546-MSD1

MS-07A2

Matrix spike and spike duplicate recovery is outside of control limits on the low side.

Analyte & Samples(s) Qualified:

Chloromethane

26F1604-01[SED-1], 26F1604-02[DUP (soil)], B430546-MS1, B430546-MS2, B430546-MSD1, B430546-MSD2

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

2-Butanone (MEK)

B430546-MSD1

Acetone

B430546-MSD2, S136234-CCV1

Dichlorodifluoromethane (Freon 12)

B430546-MSD1, B430546-MSD2

Methyl Acetate

B430574-MS1

Vinyl Chloride

B430546-MSD1

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V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:**1,2,3-Trichlorobenzene**

26F1604-06[Trip Blank (water)], B430787-BLK1, B430787-BS1, B430787-BSD1, S136334-CCV1

1,2,4-Trichlorobenzene

26F1604-06[Trip Blank (water)], B430787-BLK1, B430787-BS1, B430787-BSD1, S136334-CCV1

Acetone

26F1604-03[MW-02], 26F1604-04[DUP (water)], B430574-BLK1, B430574-BS1, B430574-BSD1, B430574-MS1, B430574-MSD1, S136323-CCV1

Bromoform

26F1604-06[Trip Blank (water)], B430787-BLK1, B430787-BS1, B430787-BSD1, S136334-CCV1

Chloromethane

26F1604-01[SED-1], 26F1604-02[DUP (soil)], 26F1604-05[Trip Blank (soil)], B430546-BLK1, B430546-BS1, B430546-BSD1, B430546-MS1, B430546-MS2, B430546-MSD1, B430546-MSD2, S136234-CCV1

Naphthalene

26F1604-06[Trip Blank (water)], B430787-BLK1, B430787-BS1, B430787-BSD1, S136334-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**1,2,3-Trichloropropane**

B430574-BS1, B430574-BSD1, B430574-MS1, B430574-MSD1, S136323-CCV1

Bromochloromethane

B430787-BS1, B430787-BSD1, S136334-CCV1

Bromomethane

B430546-BS1, B430546-BSD1, B430546-MS1, B430546-MS2, B430546-MSD1, B430546-MSD2, S136234-CCV1

Trichlorofluoromethane (Freon 11)

B430546-BS1, B430546-BSD1, B430546-MS1, B430546-MS2, B430546-MSD1, B430546-MSD2, S136234-CCV1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:**Bromomethane**

26F1604-01[SED-1], 26F1604-02[DUP (soil)], 26F1604-05[Trip Blank (soil)], B430546-BLK1, B430546-BS1, B430546-BSD1, B430546-MS1, B430546-MS2, B430546-MSD1, B430546-MSD2, S136234-CCV1

V-36

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**Dichlorodifluoromethane (Freon 12)**

B430546-BS1, B430546-BSD1, B430546-MS1, B430546-MS2, B430546-MSD1, B430546-MSD2, S136234-CCV1

sec-Butylbenzene

B430546-BS1, B430546-BSD1, B430546-MS1, B430546-MS2, B430546-MSD1, B430546-MSD2, S136234-CCV1

SW-846 8270E**Qualifications:**

L-04

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:**Bis(2-chloroethyl)ether**

26F1604-01[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1, B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2

Caprolactam

26F1604-03[MW-02], 26F1604-04[DUP (water)], B430514-BLK1, B430514-BS1, B430514-BSD1, B430514-MS1, B430514-MSD1

Hexachlorobutadiene

26F1604-03[MW-02], 26F1604-04[DUP (water)], B430514-BLK1, B430514-BS1, B430514-BSD1, B430514-MS1, B430514-MSD1

Hexachlorocyclopentadiene

26F1604-01[SED-1], 26F1604-01RE2[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1, B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1

Hexachloroethane

26F1604-03[MW-02], 26F1604-04[DUP (water)], B430514-BLK1, B430514-BS1, B430514-BSD1, B430514-MS1, B430514-MSD1

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MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

26F1604-01RE2[SED-1], 26F1604-02[DUP (soil)], B430590-MS2, B430590-MSD2, B431002-MS1, B431002-MSD1

2,4-Dinitrotoluene

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

2,6-Dinitrotoluene

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

2-Nitrophenol

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

3/4-Methylphenol

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

3-Nitroaniline

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

4,6-Dinitro-2-methylphenol

26F1604-01[SED-1], 26F1604-01RE2[SED-1], 26F1604-02[DUP (soil)], B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, B431002-MS1, B431002-MSD1

4-Chloroaniline

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

4-Nitrophenol

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

Benzaldehyde

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

Bis(2-chloroethyl)ether

26F1604-01[SED-1], 26F1604-02[DUP (soil)], B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2

Caprolactam

B430514-MS1, B430514-MSD1

Hexachlorobutadiene

B430514-MS1, B430514-MSD1

Hexachlorocyclopentadiene

26F1604-01[SED-1], 26F1604-01RE2[SED-1], 26F1604-02[DUP (soil)], B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, B431002-MS1, B431002-MSD1

Hexachloroethane

26F1604-01RE2[SED-1], B430514-MS1, B430514-MSD1, B431002-MS1, B431002-MSD1

Nitrobenzene

26F1604-01RE2[SED-1], B431002-MS1, B431002-MSD1

Pyridine

26F1604-01RE2[SED-1], B430514-MS1, B430514-MSD1, B431002-MS1, B431002-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:**2-Nitroaniline**

B431002-MS1

Pentachlorophenol

B431002-MS1

Pyridine

B430590-MS2

MS-23

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:**2-Nitrophenol**

B430590-MS2

3,3'-Dichlorobenzidine

B431002-MS1

3/4-Methylphenol

B430590-MSD1

4-Nitroaniline

B431002-MS1

4-Nitrophenol

B430590-MS1

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R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

2-Nitrophenol

B430590-MS1, B430590-MSD1, B430590-MSD2, B431002-MS1, B431002-MSD1

3,3'-Dichlorobenzidine

B431002-MSD1

3/4-Methylphenol

B430590-MS1

3-Nitroaniline

B431002-MS1, B431002-MSD1

4-Chloroaniline

B431002-MS1, B431002-MSD1

4-Nitroaniline

B431002-MSD1

4-Nitrophenol

B430590-MS2, B430590-MSD1, B430590-MSD2

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

26F1604-01[SED-1]

S-03

Surrogate recovery outside of control limits due to suspected sample matrix interference.

Analyte & Samples(s) Qualified:

2-Fluorobiphenyl

26F1604-01[SED-1]

Nitrobenzene-d5

26F1604-01[SED-1]

S-07

One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

Analyte & Samples(s) Qualified:

Nitrobenzene-d5

26F1604-02[DUP (soil)], B430590-MS2, B431002-MS1, B431002-MSD1

S-09

Sample was re-extracted outside of holding time since surrogate standard recovery was outside of control limits in initial analysis. Initial data is reported since confirmation analysis also had unacceptable surrogate, confirming matrix interference.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol

26F1604-01RE2[SED-1]

Nitrobenzene-d5

26F1604-01RE2[SED-1]

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V-05

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

26F1604-01RE2[SED-1], B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S136529-CCV1

4-Nitrophenol

26F1604-01[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1, B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, S136325-CCV1, S136479-CCV1

Aniline

S136479-CCV1

Benzaldehyde

26F1604-01RE2[SED-1], B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S136479-CCV2, S136529-CCV2

Hexachlorocyclopentadiene

26F1604-01[SED-1], 26F1604-01RE2[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1, B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S136325-CCV1, S136479-CCV1, S136529-CCV1

Pentachlorophenol

26F1604-01[SED-1], 26F1604-01RE2[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1, B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S136325-CCV1, S136479-CCV1, S136529-CCV1

Pyridine

26F1604-01[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1, B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, S136325-CCV1

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

B430514-BS1, B430514-BSD1, B430514-MS1, B430514-MSD1, S136270-CCV1

2,4-Dinitrotoluene

B430514-BS1, B430514-BSD1, B430514-MS1, B430514-MSD1, S136270-CCV1

3,3'-Dichlorobenzidine

B430514-BS1, B430514-BSD1, B430514-MS1, B430514-MSD1, S136270-CCV1

Benzaldehyde

B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, S136325-CCV2

Indeno(1,2,3-cd)pyrene

B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S136529-CCV1

V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:**2,4-Dinitrophenol**

26F1604-03[MW-02], 26F1604-04[DUP (water)], B430514-BLK1

2,4-Dinitrotoluene

26F1604-03[MW-02], 26F1604-04[DUP (water)], B430514-BLK1

3,3'-Dichlorobenzidine

26F1604-03[MW-02], 26F1604-04[DUP (water)], B430514-BLK1

Benzaldehyde

26F1604-01[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1

Indeno(1,2,3-cd)pyrene

26F1604-01RE2[SED-1], B431002-BLK1

V-34

Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.

Analyte & Samples(s) Qualified:

3,3'-Dichlorobenzidine

26F1604-01RE2[SED-1], B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S136529-CCV1

3,3-Dichlorobenzidine

S131054-ICV1

3-Nitroaniline

26F1604-01RE2[SED-1], B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S131054-ICV1, S136529-CCV1

4-Chloroaniline

26F1604-01RE2[SED-1], B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S131054-ICV1, S136529-CCV1

Aniline

26F1604-01RE2[SED-1], B431002-BLK1, B431002-BS1, B431002-BSD1, B431002-MS1, B431002-MSD1, S131054-ICV1, S136529-CCV1

Benzaldehyde

26F1604-01[SED-1], 26F1604-02[DUP (soil)], B430590-BLK1, B430590-BS1, B430590-BSD1, B430590-MS1, B430590-MS2, B430590-MSD1, B430590-MSD2, S130487-ICV1, S136325-CCV2, S136479-CCV2

EPA 1633A

The analysis of Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA) exceeded the 3-day holding time recommended by the method for soil/sediment and tissue matrices.

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Lisa A. Worthington
Technical Representative

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.078	0.56	0.059	mg/Kg dry	1	MS-07A, J	SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Benzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Benzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Bromochloromethane	ND	0.011	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Bromodichloromethane	ND	0.011	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Bromoform	ND	0.011	0.0078	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Bromomethane	ND	0.056	0.0094	mg/Kg dry	1	V-34	SW-846 8260D	6/18/26	6/18/26 6:43	MFF
2-Butanone (MEK)	ND	0.22	0.032	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
n-Butylbenzene	ND	0.011	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
n-Butylbenzene	ND	0.011	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
sec-Butylbenzene	ND	0.011	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
sec-Butylbenzene	ND	0.011	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
tert-Butylbenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
tert-Butylbenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Carbon Disulfide	ND	0.11	0.061	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Carbon Tetrachloride	ND	0.011	0.0056	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Chlorobenzene	ND	0.011	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Chlorodibromomethane	ND	0.0056	0.0054	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Chloroethane	ND	0.11	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Chloroform	ND	0.022	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Chloromethane	ND	0.056	0.0067	mg/Kg dry	1	V-05, MS-07A2	SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Cyclohexane	ND	0.056	0.023	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.011	0.0061	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2-Dibromoethane (EDB)	ND	0.0056	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2-Dichlorobenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,3-Dichlorobenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,4-Dichlorobenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.11	0.0078	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,1-Dichloroethane	ND	0.011	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2-Dichloroethane	ND	0.011	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,1-Dichloroethylene	ND	0.022	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
cis-1,2-Dichloroethylene	ND	0.011	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
trans-1,2-Dichloroethylene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2-Dichloropropane	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
cis-1,3-Dichloropropene	ND	0.0056	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
trans-1,3-Dichloropropene	ND	0.0056	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Ethylbenzene	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Ethylbenzene	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
2-Hexanone (MBK)	ND	0.11	0.037	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Isopropylbenzene (Cumene)	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Isopropylbenzene (Cumene)	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Methyl Acetate	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.022	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.022	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Methyl Cyclohexane	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Methylene Chloride	ND	0.11	0.0028	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.11	0.033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Naphthalene	ND	0.022	0.0067	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Naphthalene	ND	0.022	0.0067	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
n-Propylbenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
n-Propylbenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Styrene	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,1,2,2-Tetrachloroethane	ND	0.0056	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Tetrachloroethylene	ND	0.011	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Toluene	ND	0.011	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Toluene	ND	0.011	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2,3-Trichlorobenzene	ND	0.011	0.0050	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2,4-Trichlorobenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,1,1-Trichloroethane	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,1,2-Trichloroethane	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Trichloroethylene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Trichlorofluoromethane (Freon 11)	ND	0.056	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2,3-Trichloropropane	ND	0.011	0.0056	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.056	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2,4-Trimethylbenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,2,4-Trimethylbenzene	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,3,5-Trimethylbenzene	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
1,3,5-Trimethylbenzene	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Vinyl Chloride	ND	0.056	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
m+p Xylene	ND	0.022	0.0078	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
m+p Xylene	ND	0.022	0.0078	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
o-Xylene	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
o-Xylene	ND	0.011	0.0044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF
Xylenes (total)	ND	0.011	0.011	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 6:43	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	105	70-130	6/18/26 6:43
1,2-Dichloroethane-d4	105	70-130	6/18/26 6:43
Toluene-d8	96.4	70-130	6/18/26 6:43
Toluene-d8	96.4	70-130	6/18/26 6:43
4-Bromofluorobenzene	98.0	70-130	6/18/26 6:43
4-Bromofluorobenzene	98.0	70-130	6/18/26 6:43

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,3,4,6-Tetrachlorophenol	ND	2.2	0.14	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,3,4,6-Tetrachlorophenol	ND	4.5	0.28	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Atrazine	ND	2.2	0.18	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Atrazine	ND	4.5	0.37	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Benzaldehyde	0.20	1.1	0.14	mg/Kg dry	1	MS-09, V-05, J	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Benzaldehyde	ND	2.3	0.28	mg/Kg dry	2	V-20, V-34	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Biphenyl	ND	0.22	0.16	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Biphenyl	ND	0.45	0.32	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Caprolactam	ND	1.1	0.23	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Caprolactam	ND	2.3	0.46	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Acenaphthene	ND	0.11	0.023	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Acenaphthene	ND	0.22	0.046	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Acenaphthylene	ND	0.11	0.020	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Acenaphthylene	ND	0.22	0.040	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Acetophenone	ND	1.1	0.16	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Acetophenone	ND	2.3	0.32	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Aniline	ND	1.1	0.23	mg/Kg dry	1	V-34	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Aniline	ND	2.3	0.46	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Anthracene	ND	0.11	0.020	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Anthracene	ND	0.22	0.041	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Benzo(a)anthracene	ND	0.11	0.023	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Benzo(a)anthracene	ND	0.22	0.046	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Benzo(a)pyrene	ND	0.11	0.035	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Benzo(a)pyrene	ND	0.22	0.069	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Benzo(b)fluoranthene	0.029	0.11	0.028	mg/Kg dry	1	J	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Benzo(b)fluoranthene	ND	0.22	0.056	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Benzo(g,h,i)perylene	ND	0.11	0.041	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Benzo(g,h,i)perylene	ND	0.22	0.082	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Benzo(k)fluoranthene	ND	0.11	0.027	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Benzo(k)fluoranthene	ND	0.22	0.053	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Bis(2-chloroethoxy)methane	ND	1.1	0.17	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Bis(2-chloroethoxy)methane	ND	2.3	0.34	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Bis(2-chloroethyl)ether	ND	1.1	0.19	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Bis(2-chloroethyl)ether	ND	2.3	0.38	mg/Kg dry	2	L-04, MS-09	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,2'-oxybis(1-Chloropropane)	ND	1.1	0.30	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,2'-oxybis(1-Chloropropane)	ND	2.3	0.60	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Bis(2-Ethylhexyl)phthalate	ND	1.1	0.21	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Bis(2-Ethylhexyl)phthalate	ND	2.3	0.42	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
4-Bromophenylphenylether	ND	1.1	0.15	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
4-Bromophenylphenylether	ND	2.3	0.29	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Butylbenzylphthalate	ND	1.1	0.17	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Butylbenzylphthalate	ND	2.3	0.34	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Carbazole	ND	0.57	0.16	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Carbazole	ND	1.1	0.32	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
4-Chloroaniline	ND	2.2	0.19	mg/Kg dry	1	MS-09, V-34	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
4-Chloroaniline	ND	4.4	0.39	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
4-Chloro-3-methylphenol	ND	2.2	0.17	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
4-Chloro-3-methylphenol	ND	4.4	0.34	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2-Chloronaphthalene	ND	1.1	0.13	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2-Chloronaphthalene	ND	2.3	0.25	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2-Chlorophenol	ND	1.1	0.13	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2-Chlorophenol	ND	2.3	0.27	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
4-Chlorophenylphenylether	ND	1.1	0.16	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
4-Chlorophenylphenylether	ND	2.3	0.32	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Chrysene	ND	0.11	0.026	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Chrysene	ND	0.22	0.052	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Dibenz(a,h)anthracene	ND	0.11	0.047	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Dibenz(a,h)anthracene	ND	0.22	0.093	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Dibenzofuran	ND	1.1	0.16	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Dibenzofuran	ND	2.3	0.32	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Di-n-butylphthalate	ND	1.1	0.16	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Di-n-butylphthalate	ND	2.3	0.32	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
3,3'-Dichlorobenzidine	ND	0.57	0.23	mg/Kg dry	1	V-34	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
3,3'-Dichlorobenzidine	ND	1.1	0.47	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,4-Dichlorophenol	ND	1.1	0.15	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,4-Dichlorophenol	ND	2.3	0.29	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Diethylphthalate	ND	1.1	0.17	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Diethylphthalate	ND	2.3	0.33	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,4-Dimethylphenol	ND	1.1	0.25	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,4-Dimethylphenol	ND	2.3	0.50	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Dimethylphthalate	ND	1.1	0.16	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Dimethylphthalate	ND	2.3	0.31	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
4,6-Dinitro-2-methylphenol	ND	1.1	0.75	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
4,6-Dinitro-2-methylphenol	ND	2.3	1.5	mg/Kg dry	2	MS-09	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,4-Dinitrophenol	ND	2.2	1.1	mg/Kg dry	1	MS-09, V-05	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,4-Dinitrophenol	ND	4.4	2.2	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,4-Dinitrotoluene	ND	1.1	0.49	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,4-Dinitrotoluene	ND	2.3	0.98	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,6-Dinitrotoluene	ND	1.1	0.17	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,6-Dinitrotoluene	ND	2.3	0.35	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Di-n-octylphthalate	ND	1.1	0.21	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Di-n-octylphthalate	ND	2.3	0.42	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Fluoranthene	0.043	0.11	0.025	mg/Kg dry	1	J	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Fluoranthene	ND	0.22	0.049	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Fluorene	ND	0.11	0.023	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Fluorene	ND	0.22	0.046	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Hexachlorobenzene	ND	1.1	0.15	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Hexachlorobenzene	ND	2.3	0.31	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	1.1	0.15	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Hexachlorobutadiene	ND	2.3	0.30	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Hexachlorocyclopentadiene	ND	1.1	0.46	mg/Kg dry	1	L-04, MS-09, V-05	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Hexachlorocyclopentadiene	ND	2.3	0.93	mg/Kg dry	2	V-05, L-04, MS-09	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Hexachloroethane	ND	1.1	0.14	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Hexachloroethane	ND	2.3	0.27	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Indeno(1,2,3-cd)pyrene	ND	0.11	0.045	mg/Kg dry	1	V-20	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Indeno(1,2,3-cd)pyrene	ND	0.22	0.091	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Isophorone	ND	1.1	0.18	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Isophorone	ND	2.3	0.35	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
1-Methylnaphthalene	ND	0.11	0.021	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
1-Methylnaphthalene	ND	0.22	0.042	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2-Methylnaphthalene	ND	0.11	0.020	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2-Methylnaphthalene	ND	0.22	0.041	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2-Methylphenol	ND	1.1	0.14	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2-Methylphenol	ND	2.3	0.28	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
3/4-Methylphenol	26	1.1	0.20	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
3/4-Methylphenol	6.3	2.3	0.40	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Naphthalene	0.11	0.11	0.021	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Naphthalene	ND	0.22	0.042	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2-Nitroaniline	ND	1.1	0.22	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2-Nitroaniline	ND	2.3	0.44	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
3-Nitroaniline	ND	1.1	0.21	mg/Kg dry	1	MS-09, V-34	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
3-Nitroaniline	ND	2.3	0.42	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
4-Nitroaniline	ND	1.1	0.22	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
4-Nitroaniline	ND	2.3	0.43	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Nitrobenzene	ND	1.1	0.16	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Nitrobenzene	ND	2.3	0.33	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2-Nitrophenol	ND	1.1	0.14	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2-Nitrophenol	ND	2.3	0.28	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
4-Nitrophenol	ND	2.2	0.46	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
4-Nitrophenol	ND	4.4	0.91	mg/Kg dry	2	V-05	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
N-Nitrosodiphenylamine/Diphenylamine	ND	1.1	0.17	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
N-Nitrosodiphenylamine/Diphenylamine	ND	2.3	0.34	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
N-Nitrosodi-n-propylamine	ND	1.1	0.19	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
N-Nitrosodi-n-propylamine	ND	2.3	0.38	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Pentachlorophenol	ND	1.1	0.12	mg/Kg dry	1	V-05	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Pentachlorophenol	ND	2.3	0.25	mg/Kg dry	2	V-05	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Phenanthrene	0.025	0.11	0.022	mg/Kg dry	1	J	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Phenanthrene	ND	0.22	0.045	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Phenol	3.3	1.1	0.15	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Phenol	0.54	2.3	0.31	mg/Kg dry	2	J	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Pyrene	0.029	0.11	0.028	mg/Kg dry	1	J	SW-846 8270E	6/25/26	6/26/26 11:19	CRD

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Pyrene	ND	0.22	0.055	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Pyridine	ND	1.1	0.15	mg/Kg dry	1	MS-09	SW-846 8270E	6/25/26	6/26/26 11:19	CRD
Pyridine	ND	2.3	0.29	mg/Kg dry	2	V-05	SW-846 8270E	6/18/26	6/22/26 15:18	CRD
1,2,4,5-Tetrachlorobenzene	ND	1.1	0.14	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
1,2,4,5-Tetrachlorobenzene	ND	2.3	0.29	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,4,5-Trichlorophenol	ND	1.1	0.15	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,4,5-Trichlorophenol	ND	2.3	0.29	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
2,4,6-Trichlorophenol	ND	1.1	0.13	mg/Kg dry	1		SW-846 8270E	6/25/26	6/26/26 11:19	CRD
2,4,6-Trichlorophenol	ND	2.3	0.27	mg/Kg dry	2		SW-846 8270E	6/18/26	6/22/26 15:18	CRD
Surrogates	% Recovery		Recovery Limits			Flag/Qual				
2-Fluorophenol	45.4		30-130						6/26/26 11:19	
2-Fluorophenol	35.6		30-130						6/22/26 15:18	
Phenol-d6	53.5		30-130						6/26/26 11:19	
Phenol-d6	34.2		30-130						6/22/26 15:18	
Nitrobenzene-d5	2.49	*	30-130			S-09			6/26/26 11:19	
Nitrobenzene-d5	13.8	*	30-130			S-03			6/22/26 15:18	
2-Fluorobiphenyl	50.5		30-130						6/26/26 11:19	
2-Fluorobiphenyl	26.1	*	30-130			S-03			6/22/26 15:18	
2,4,6-Tribromophenol	28.5	*	30-130			S-09			6/26/26 11:19	
2,4,6-Tribromophenol	33.3		30-130						6/22/26 15:18	
p-Terphenyl-d14	53.1		30-130						6/26/26 11:19	
p-Terphenyl-d14	32.1		30-130						6/22/26 15:18	



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.17	0.056	mg/Kg dry	1		SW-846 8270E	6/19/26	6/25/26 13:58	GJB
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8		50.8		15-110				6/25/26 13:58		

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	1.32	0.881	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluoropentanoic acid (PFPeA)	ND	0.661	0.432	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorohexanoic acid (PFHxA)	ND	0.331	0.219	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluoroheptanoic acid (PFHpA)	ND	0.331	0.220	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorooctanoic acid (PFOA)	ND	0.331	0.237	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorononanoic acid (PFNA)	ND	0.331	0.221	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorodecanoic acid (PFDA)	ND	0.331	0.232	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluoroundecanoic acid (PFUnA)	ND	0.331	0.247	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorododecanoic acid (PFDoA)	ND	0.331	0.213	µg/kg dry	1	PF-18	EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorotridecanoic acid (PFTrDA)	ND	0.331	0.221	µg/kg dry	1	PF-18	EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	0.331	0.240	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorobutanesulfonic acid (PFBS)	ND	0.331	0.200	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	0.331	0.203	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	0.331	0.196	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.331	0.221	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorooctanesulfonic acid (PFOS)	ND	0.331	0.216	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorononanesulfonic acid (PFNS)	ND	0.331	0.218	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorodecanesulfonic acid (PFDS)	ND	0.331	0.229	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	0.331	0.227	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	1.32	0.819	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	1.32	1.24	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	1.32	0.879	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluorooctanesulfonamide (PFOSA)	ND	0.331	0.207	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.331	0.216	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.331	0.219	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
N-MeFOSAA (NMeFOSAA)	ND	0.331	0.199	µg/kg dry	1	S-29	EPA 1633A	6/24/26	6/24/26 16:16	CML
N-EtFOSAA (NEtFOSAA)	ND	0.331	0.199	µg/kg dry	1	S-29	EPA 1633A	6/24/26	6/24/26 16:16	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	3.31	2.09	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	3.31	2.11	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.32	0.956	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.32	0.832	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
9Cl-PF3ONS	ND	1.32	0.910	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
11Cl-PF3OUDS	ND	1.32	0.981	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	1.65	0.554	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	8.26	5.13	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	8.26	5.56	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.661	0.400	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	0.661	0.474	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	0.661	0.449	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.661	0.436	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:16	CML
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
13C4-PFBA	17.2		8-130				6/24/26 16:16			
13C5-PFPeA	39.5		35-130				6/24/26 16:16			
13C5-PFHxA	53.7		40-130				6/24/26 16:16			
13C4-PFHpA	56.7		40-130				6/24/26 16:16			
13C8-PFOA	60.6		40-130				6/24/26 16:16			
13C9-PFNA	59.6		40-130				6/24/26 16:16			
13C6-PFDA	60.4		40-130				6/24/26 16:16			
13C7-PFUnA	53.1		40-130				6/24/26 16:16			
13C2-PFDoA	24.7	*	40-130		PF-18		6/24/26 16:16			
13C2-PFTeDA	53.0		20-130				6/24/26 16:16			
13C3-PFBS	56.7		40-135				6/24/26 16:16			
13C3-PFHxS	60.6		40-130				6/24/26 16:16			
13C8-PFOS	53.1		40-130				6/24/26 16:16			
13C2-4:2FTS	54.1		40-165				6/24/26 16:16			
13C2-6:2FTS	78.4		40-215				6/24/26 16:16			
13C2-8:2FTS	74.3		40-275				6/24/26 16:16			
13C8-PFOSA	41.4		40-130				6/24/26 16:16			
D3-NMeFOSA	40.6		10-130				6/24/26 16:16			
D5-NEtFOSA	34.9		10-130				6/24/26 16:16			
D3-NMeFOSAA	39.3	*	40-135		S-29		6/24/26 16:16			
D5-NEtFOSAA	38.8	*	40-150		S-29		6/24/26 16:16			
D7-NMeFOSE	20.7		20-130				6/24/26 16:16			
D9-NEtFOSE	27.5		15-130				6/24/26 16:16			
13C3-HFPO-DA	55.7		40-130				6/24/26 16:16			

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
alpha-Chlordane [1]	ND	0.84	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
gamma-Chlordane [1]	ND	0.84	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Aldrin [1]	ND	0.84	0.17	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
alpha-BHC [1]	ND	0.84	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
beta-BHC [1]	ND	0.84	0.50	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
delta-BHC [1]	ND	0.84	0.50	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
gamma-BHC (Lindane) [1]	ND	0.34	0.17	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
4,4'-DDD [1]	ND	0.67	0.17	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
4,4'-DDE [1]	ND	0.67	0.17	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
4,4'-DDT [1]	ND	0.67	0.17	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Dieldrin [1]	ND	0.67	0.17	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Endosulfan I [1]	ND	0.84	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Endosulfan II [1]	ND	1.3	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Endosulfan sulfate [2]	ND	1.3	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Endrin [1]	ND	1.3	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Endrin aldehyde [1]	ND	1.3	0.50	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 16:21	TG
Endrin ketone [1]	ND	1.3	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Heptachlor [1]	ND	0.84	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Heptachlor epoxide [1]	ND	0.84	0.34	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Methoxychlor [2]	ND	8.4	1.7	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG
Toxaphene [1]	ND	17	7.4	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:28	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	6/24/26 17:28
Decachlorobiphenyl [1]	*	30-150	S-01	6/24/26 16:21
Decachlorobiphenyl [2]	*	30-150	S-01	6/24/26 17:28
Decachlorobiphenyl [2]	*	30-150	S-01	6/24/26 16:21
Tetrachloro-m-xylene [1]	*	30-150	S-01	6/24/26 17:28
Tetrachloro-m-xylene [1]	*	30-150	S-01	6/24/26 16:21
Tetrachloro-m-xylene [2]	*	30-150	S-01	6/24/26 16:21
Tetrachloro-m-xylene [2]	*	30-150	S-01	6/24/26 17:28

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.27	0.094	mg/Kg dry	1	R-06	SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1221 [1]	ND	0.27	0.11	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1232 [1]	ND	0.27	0.081	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1242 [1]	ND	0.27	0.094	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1248 [1]	ND	0.27	0.12	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1254 [1]	ND	0.27	0.094	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1260 [1]	ND	0.27	0.081	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1262 [1]	ND	0.27	0.11	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Aroclor-1268 [1]	ND	0.27	0.094	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 14:57	SFM
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	64.9		30-150				6/24/26 14:57			
Decachlorobiphenyl [2]	64.0		30-150				6/24/26 14:57			
Tetrachloro-m-xylene [1]	73.6		30-150				6/24/26 14:57			
Tetrachloro-m-xylene [2]	71.9		30-150				6/24/26 14:57			



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	29.8			% Wt	1		SM 2540G	6/18/26	6/18/26 13:19	EM1/DJE//
Ammonia as N	190	89	52	mg/Kg dry	1		SM21-24 4500 NH3 C Modified	6/19/26	6/19/26 17:08	EC
Chemical Oxygen Demand	120000	4500	3700	mg/Kg dry	1	MS-07A	EPA 410.4 Modified	6/25/26	6/25/26 11:48	LL
TOC Rep 1	140000	100	80	mg/Kg dry	1	MS-19	EPA 9060A	6/19/26	6/27/26 21:20	DML
TOC Rep 2	140000	100	80	mg/Kg dry	1	MS-19	EPA 9060A	6/19/26	6/27/26 21:25	DML
TOC Rep 3	140000	100	80	mg/Kg dry	1	MS-19	EPA 9060A	6/19/26	6/27/26 21:30	DML
TOC Rep 4	140000	100	80	mg/Kg dry	1	MS-19	EPA 9060A	6/19/26	6/27/26 21:35	DML
Total Organic Carbon (Average)	140000	100	80	mg/Kg dry	1	MS-19	EPA 9060A	6/19/26	6/27/26 21:35	DML



Pace Analytical Services, LLC - East Longmeadow, Ma

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

General Chemistry - Westborough Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Chloride	2300	67	12	mg/kg	1		9251	6/22/26	6/22/26 16:57	JER
Sulfate	70	340	46	mg/kg	1	J	9038	6/22/26	6/22/26 15:30	MRW

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: SED-1

Sampled: 6/16/2026 12:45

Sample ID: 26F1604-01

Sample Matrix: Soil

Total Metals - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum, Total	3680	25.6	8.32	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Mercury, Total	0.325	0.269	0.175	mg/kg	1		7471B	6/21/26	6/22/26 8:18	RJG
Antimony, Total	ND	12.8	9.86	mg/kg	2	U	6010D	6/21/26	6/21/26 17:14	MRP
Arsenic, Total	11.1	2.56	1.11	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Barium, Total	571	2.56	0.272	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Beryllium, Total	0.250	1.28	0.141	mg/kg	2	J	6010D	6/21/26	6/21/26 17:14	MRP
Cadmium, Total	3.98	2.56	0.141	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Calcium, Total	86300	25.6	14.5	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Chromium, Total	12.9	2.56	2.17	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Cobalt, Total	3.38	5.12	0.635	mg/kg	2	J	6010D	6/21/26	6/21/26 17:14	MRP
Copper, Total	39.4	2.56	0.581	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Iron, Total	77100	64.0	20.5	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Lead, Total	142	12.8	0.610	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Magnesium, Total	8270	25.6	4.18	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Manganese, Total	320	2.56	1.37	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Nickel, Total	16.5	6.40	2.07	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Potassium, Total	767	640	130	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Selenium, Total	ND	5.12	0.843	mg/kg	2	U	6010D	6/21/26	6/21/26 17:14	MRP
Silver, Total	ND	1.28	0.763	mg/kg	2	U	6010D	6/21/26	6/21/26 17:14	MRP
Sodium, Total	2210	512	272	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Thallium, Total	ND	5.12	2.31	mg/kg	2	U	6010D	6/21/26	6/21/26 17:14	MRP
Vanadium, Total	9.54	2.56	0.387	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP
Zinc, Total	216	12.8	1.55	mg/kg	2		6010D	6/21/26	6/21/26 17:14	MRP

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.15	0.65	0.070	mg/Kg dry	1	J	SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Benzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Benzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Bromochloromethane	ND	0.013	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Bromodichloromethane	ND	0.013	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Bromoform	ND	0.013	0.0091	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Bromomethane	ND	0.065	0.011	mg/Kg dry	1	V-34	SW-846 8260D	6/18/26	6/18/26 7:08	MFF
2-Butanone (MEK)	ND	0.26	0.037	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
n-Butylbenzene	ND	0.013	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
n-Butylbenzene	ND	0.013	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
sec-Butylbenzene	ND	0.013	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
sec-Butylbenzene	ND	0.013	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
tert-Butylbenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
tert-Butylbenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Carbon Disulfide	ND	0.13	0.072	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Carbon Tetrachloride	ND	0.013	0.0065	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Chlorobenzene	ND	0.013	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Chlorodibromomethane	ND	0.0065	0.0064	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Chloroethane	ND	0.13	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Chloroform	ND	0.026	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Chloromethane	ND	0.065	0.0078	mg/Kg dry	1	MS-07A2, V-05	SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Cyclohexane	ND	0.065	0.027	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.013	0.0072	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2-Dibromoethane (EDB)	ND	0.0065	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2-Dichlorobenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,3-Dichlorobenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,4-Dichlorobenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.13	0.0091	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,1-Dichloroethane	ND	0.013	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2-Dichloroethane	ND	0.013	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,1-Dichloroethylene	ND	0.026	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
cis-1,2-Dichloroethylene	ND	0.013	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
trans-1,2-Dichloroethylene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2-Dichloropropane	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
cis-1,3-Dichloropropene	ND	0.0065	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
trans-1,3-Dichloropropene	ND	0.0065	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Ethylbenzene	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Ethylbenzene	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
2-Hexanone (MBK)	ND	0.13	0.044	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Isopropylbenzene (Cumene)	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Isopropylbenzene (Cumene)	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Methyl Acetate	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.026	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.026	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Methyl Cyclohexane	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Methylene Chloride	ND	0.13	0.0033	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.13	0.039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Naphthalene	ND	0.026	0.0078	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Naphthalene	ND	0.026	0.0078	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
n-Propylbenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
n-Propylbenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Styrene	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.0065	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Tetrachloroethylene	ND	0.013	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Toluene	ND	0.013	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Toluene	ND	0.013	0.0039	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2,3-Trichlorobenzene	ND	0.013	0.0059	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2,4-Trichlorobenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,1,1-Trichloroethane	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,1,2-Trichloroethane	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Trichloroethylene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.065	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2,3-Trichloropropane	ND	0.013	0.0065	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.065	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2,4-Trimethylbenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,2,4-Trimethylbenzene	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,3,5-Trimethylbenzene	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
1,3,5-Trimethylbenzene	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Vinyl Chloride	ND	0.065	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
m+p Xylene	ND	0.026	0.0091	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
m+p Xylene	ND	0.026	0.0091	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
o-Xylene	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
o-Xylene	ND	0.013	0.0052	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF
Xylenes (total)	ND	0.013	0.013	mg/Kg dry	1		SW-846 8260D	6/18/26	6/18/26 7:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	103	70-130	6/18/26 7:08
1,2-Dichloroethane-d4	103	70-130	6/18/26 7:08
Toluene-d8	97.0	70-130	6/18/26 7:08
Toluene-d8	97.0	70-130	6/18/26 7:08
4-Bromofluorobenzene	97.2	70-130	6/18/26 7:08
4-Bromofluorobenzene	97.2	70-130	6/18/26 7:08

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2,3,4,6-Tetrachlorophenol	ND	3.9	0.24	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Atrazine	ND	3.9	0.31	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Benzaldehyde	ND	2.0	0.24	mg/Kg dry	1	V-34, V-20	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Biphenyl	ND	0.39	0.28	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Caprolactam	ND	2.0	0.39	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Acenaphthene	ND	0.19	0.039	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Acenaphthylene	ND	0.19	0.034	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Acetophenone	ND	2.0	0.28	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Aniline	ND	2.0	0.40	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Anthracene	ND	0.19	0.035	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Benzo(a)anthracene	ND	0.19	0.039	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Benzo(a)pyrene	ND	0.19	0.059	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Benzo(b)fluoranthene	ND	0.19	0.048	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Benzo(g,h,i)perylene	ND	0.19	0.070	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Benzo(k)fluoranthene	ND	0.19	0.045	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Bis(2-chloroethoxy)methane	ND	2.0	0.29	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Bis(2-chloroethyl)ether	ND	2.0	0.33	mg/Kg dry	1	L-04, MS-09	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,2'-oxybis(1-Chloropropane)	ND	2.0	0.51	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Bis(2-Ethylhexyl)phthalate	ND	2.0	0.36	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
4-Bromophenylphenylether	ND	2.0	0.25	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Butylbenzylphthalate	ND	2.0	0.29	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Carbazole	ND	0.98	0.28	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
4-Chloroaniline	ND	3.8	0.33	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
4-Chloro-3-methylphenol	ND	3.8	0.29	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2-Chloronaphthalene	ND	2.0	0.22	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2-Chlorophenol	ND	2.0	0.23	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
4-Chlorophenylphenylether	ND	2.0	0.27	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Chrysene	ND	0.19	0.045	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Dibenz(a,h)anthracene	ND	0.19	0.080	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Dibenzofuran	ND	2.0	0.28	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Di-n-butylphthalate	ND	2.0	0.28	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
3,3'-Dichlorobenzidine	ND	0.98	0.40	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,4-Dichlorophenol	ND	2.0	0.25	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Diethylphthalate	ND	2.0	0.28	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,4-Dimethylphenol	ND	2.0	0.43	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Dimethylphthalate	ND	2.0	0.27	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
4,6-Dinitro-2-methylphenol	ND	2.0	1.3	mg/Kg dry	1	MS-09	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,4-Dinitrophenol	ND	3.8	1.9	mg/Kg dry	1	MS-09	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,4-Dinitrotoluene	ND	2.0	0.84	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,6-Dinitrotoluene	ND	2.0	0.30	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Di-n-octylphthalate	ND	2.0	0.36	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Fluoranthene	ND	0.19	0.042	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Fluorene	ND	0.19	0.040	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Hexachlorobenzene	ND	2.0	0.27	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	2.0	0.26	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Hexachlorocyclopentadiene	ND	2.0	0.79	mg/Kg dry	1	L-04, MS-09, V-05	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Hexachloroethane	ND	2.0	0.24	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Indeno(1,2,3-cd)pyrene	ND	0.19	0.078	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Isophorone	ND	2.0	0.30	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
1-Methylnaphthalene	ND	0.19	0.036	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2-Methylnaphthalene	ND	0.19	0.035	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2-Methylphenol	ND	2.0	0.24	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
3/4-Methylphenol	12	2.0	0.34	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Naphthalene	ND	0.19	0.036	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2-Nitroaniline	ND	2.0	0.38	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
3-Nitroaniline	ND	2.0	0.36	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
4-Nitroaniline	ND	2.0	0.37	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Nitrobenzene	ND	2.0	0.28	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2-Nitrophenol	ND	2.0	0.24	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
4-Nitrophenol	ND	3.8	0.78	mg/Kg dry	1	V-05	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
N-Nitrosodiphenylamine/Diphenylamine	ND	2.0	0.29	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
N-Nitrosodi-n-propylamine	ND	2.0	0.33	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Pentachlorophenol	ND	2.0	0.21	mg/Kg dry	1	V-05	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Phenanthrene	ND	0.19	0.039	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Phenol	ND	2.0	0.26	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Pyrene	ND	0.19	0.047	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
Pyridine	ND	2.0	0.25	mg/Kg dry	1	V-05	SW-846 8270E	6/18/26	6/22/26 16:30	CRD
1,2,4,5-Tetrachlorobenzene	ND	2.0	0.25	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,4,5-Trichlorophenol	ND	2.0	0.25	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD
2,4,6-Trichlorophenol	ND	2.0	0.23	mg/Kg dry	1		SW-846 8270E	6/18/26	6/22/26 16:30	CRD

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	73.8	30-130	
Phenol-d6	70.0	30-130	
Nitrobenzene-d5	20.5 *	30-130	S-07
2-Fluorobiphenyl	31.0	30-130	
2,4,6-Tribromophenol	54.6	30-130	
p-Terphenyl-d14	37.7	30-130	



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.29	0.097	mg/Kg dry	1		SW-846 8270E	6/19/26	6/25/26 14:59	GJB
Surrogates		% Recovery	Recovery Limits		Flag/Qual					
1,4-Dioxane-d8		36.9	15-110				6/25/26 14:59			

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	2.30	1.53	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluoropentanoic acid (PFPeA)	ND	1.15	0.750	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorohexanoic acid (PFHxA)	ND	0.574	0.380	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluoroheptanoic acid (PFHpA)	ND	0.574	0.382	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorooctanoic acid (PFOA)	ND	0.574	0.411	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorononanoic acid (PFNA)	ND	0.574	0.383	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorodecanoic acid (PFDA)	ND	0.574	0.402	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluoroundecanoic acid (PFUnA)	ND	0.574	0.429	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorododecanoic acid (PFDoA)	ND	0.574	0.371	µg/kg dry	1	S-29	EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorotridecanoic acid (PFTrDA)	ND	0.574	0.384	µg/kg dry	1	S-29	EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorotetradecanoic acid (PFTeDA)	ND	0.574	0.416	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorobutanesulfonic acid (PFBS)	ND	0.574	0.348	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluoropentanesulfonic acid (PFPeS)	ND	0.574	0.352	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorohexanesulfonic acid (PFHxS)	ND	0.574	0.340	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.574	0.383	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorooctanesulfonic acid (PFOS)	ND	0.574	0.375	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorononanesulfonic acid (PFNS)	ND	0.574	0.379	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorodecanesulfonic acid (PFDS)	ND	0.574	0.398	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorododecanesulfonic acid (PFDoS)	ND	0.574	0.394	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	2.30	1.42	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	2.30	2.15	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	2.30	1.53	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluorooctanesulfonamide (PFOSA)	ND	0.574	0.360	µg/kg dry	1	S-29	EPA 1633A	6/24/26	6/24/26 16:50	CML
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.574	0.375	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.574	0.379	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
N-MeFOSAA (NMeFOSAA)	ND	0.574	0.346	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
N-EtFOSAA (NEtFOSAA)	ND	0.574	0.346	µg/kg dry	1	S-29	EPA 1633A	6/24/26	6/24/26 16:50	CML
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	5.74	3.63	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	5.74	3.67	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.30	1.66	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	2.30	1.44	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
9Cl-PF3ONS	ND	2.30	1.58	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
11Cl-PF3OUDS	ND	2.30	1.70	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	2.87	0.961	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	14.3	8.91	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	14.3	9.65	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.15	0.694	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	1.15	0.824	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	1.15	0.779	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.15	0.757	µg/kg dry	1		EPA 1633A	6/24/26	6/24/26 16:50	CML
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
13C4-PFBA		18.5		8-130				6/24/26 16:50		
13C5-PFPeA		38.9		35-130				6/24/26 16:50		
13C5-PFHxA		71.6		40-130				6/24/26 16:50		
13C4-PFHpA		85.5		40-130				6/24/26 16:50		
13C8-PFOA		90.4		40-130				6/24/26 16:50		
13C9-PFNA		88.0		40-130				6/24/26 16:50		
13C6-PFDA		87.5		40-130				6/24/26 16:50		
13C7-PFUnA		71.1		40-130				6/24/26 16:50		
13C2-PFDoA		35.5 *		40-130		S-29		6/24/26 16:50		
13C2-PFTeDA		90.3		20-130				6/24/26 16:50		
13C3-PFBS		69.9		40-135				6/24/26 16:50		
13C3-PFHxS		92.5		40-130				6/24/26 16:50		
13C8-PFOS		97.4		40-130				6/24/26 16:50		
13C2-4:2FTS		69.0		40-165				6/24/26 16:50		
13C2-6:2FTS		94.4		40-215				6/24/26 16:50		
13C2-8:2FTS		95.1		40-275				6/24/26 16:50		
13C8-PFOA		39.8 *		40-130		S-29		6/24/26 16:50		
D3-NMeFOSA		68.0		10-130				6/24/26 16:50		
D5-NEtFOSA		58.1		10-130				6/24/26 16:50		
D3-NMeFOSAA		49.5		40-135				6/24/26 16:50		
D5-NEtFOSAA		29.2 *		40-150		S-29		6/24/26 16:50		
D7-NMeFOSE		29.0		20-130				6/24/26 16:50		
D9-NEtFOSE		44.3		15-130				6/24/26 16:50		
13C3-HFPO-DA		71.7		40-130				6/24/26 16:50		

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Sample Flags: DL-03

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
alpha-Chlordane [1]	ND	1.4	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
gamma-Chlordane [1]	ND	1.4	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Aldrin [1]	ND	1.4	0.29	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
alpha-BHC [1]	ND	1.4	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
beta-BHC [1]	ND	1.4	0.86	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
delta-BHC [1]	ND	1.4	0.86	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
gamma-BHC (Lindane) [1]	ND	0.58	0.29	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
4,4'-DDD [1]	ND	1.2	0.29	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
4,4'-DDE [1]	ND	1.2	0.29	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
4,4'-DDT [1]	ND	1.2	0.29	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Dieldrin [1]	ND	1.2	0.29	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Endosulfan I [1]	ND	1.4	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Endosulfan II [1]	ND	2.3	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Endosulfan sulfate [2]	ND	2.3	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Endrin [1]	ND	2.3	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Endrin aldehyde [1]	ND	2.3	0.86	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 16:33	TG
Endrin ketone [1]	ND	2.3	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Heptachlor [1]	ND	1.4	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Heptachlor epoxide [1]	ND	1.4	0.58	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Methoxychlor [2]	ND	14	2.9	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG
Toxaphene [1]	ND	29	13	mg/Kg dry	50		SW-846 8081B	6/23/26	6/24/26 17:40	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	6/24/26 16:33
Decachlorobiphenyl [1]	*	30-150	S-01	6/24/26 17:40
Decachlorobiphenyl [2]	*	30-150	S-01	6/24/26 16:33
Decachlorobiphenyl [2]	*	30-150	S-01	6/24/26 17:40
Tetrachloro-m-xylene [1]	*	30-150	S-01	6/24/26 16:33
Tetrachloro-m-xylene [1]	*	30-150	S-01	6/24/26 17:40
Tetrachloro-m-xylene [2]	*	30-150	S-01	6/24/26 16:33
Tetrachloro-m-xylene [2]	*	30-150	S-01	6/24/26 17:40



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	0.16	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1221 [1]	ND	0.46	0.18	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1232 [1]	ND	0.46	0.14	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1242 [1]	ND	0.46	0.16	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1248 [1]	ND	0.46	0.21	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1254 [1]	ND	0.46	0.16	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1260 [1]	ND	0.46	0.14	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1262 [1]	ND	0.46	0.18	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Aroclor-1268 [1]	ND	0.46	0.16	mg/Kg dry	1		SW-846 8082A	6/23/26	6/24/26 15:09	SFM
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
Decachlorobiphenyl [1]	91.2		30-150						6/24/26 15:09	
Decachlorobiphenyl [2]	87.0		30-150						6/24/26 15:09	
Tetrachloro-m-xylene [1]	92.7		30-150						6/24/26 15:09	
Tetrachloro-m-xylene [2]	90.9		30-150						6/24/26 15:09	



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	17.4			% Wt	1		SM 2540G	6/18/26	6/18/26 13:19	EMI/DJE//
Ammonia as N	620	120	72	mg/Kg dry	1		SM21-24 4500 NH3 C Modified	6/19/26	6/19/26 17:14	EC
Chemical Oxygen Demand	110000	8600	7000	mg/Kg dry	1		EPA 410.4 Modified	6/25/26	6/25/26 11:48	LL
TOC Rep 1	150000	100	80	mg/Kg dry	1		EPA 9060A	6/19/26	6/27/26 22:28	DML
TOC Rep 2	140000	100	80	mg/Kg dry	1		EPA 9060A	6/19/26	6/27/26 22:33	DML
TOC Rep 3	130000	100	80	mg/Kg dry	1		EPA 9060A	6/19/26	6/27/26 22:37	DML
TOC Rep 4	140000	100	80	mg/Kg dry	1		EPA 9060A	6/19/26	6/27/26 22:42	DML
Total Organic Carbon (Average)	140000	100	80	mg/Kg dry	1		EPA 9060A	6/19/26	6/27/26 22:42	DML



Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

General Chemistry - Westborough Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Chloride	7100	1100	210	mg/kg	10		9251	6/22/26	6/22/26 17:53	JER
Sulfate	88	570	78	mg/kg	1	J	9038	6/22/26	6/22/26 15:30	MRW

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Date Received: 6/17/2026

Field Sample #: DUP (soil)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-02

Sample Matrix: Soil

Total Metals - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aluminum, Total	776	88.3	28.7	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Mercury, Total	ND	0.400	0.261	mg/kg	1	U	7471B	6/21/26	6/22/26 9:15	RJG
Antimony, Total	ND	44.1	34.0	mg/kg	4	U	6010D	6/21/26	6/21/26 19:33	MRP
Arsenic, Total	60.0	8.83	3.81	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Barium, Total	1280	8.83	0.936	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Beryllium, Total	ND	4.41	0.486	mg/kg	4	U	6010D	6/21/26	6/21/26 19:33	MRP
Cadmium, Total	1.37	8.83	0.486	mg/kg	4	J	6010D	6/21/26	6/21/26 19:33	MRP
Calcium, Total	88100	88.3	50.0	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Chromium, Total	ND	8.83	7.49	mg/kg	4	U	6010D	6/21/26	6/21/26 19:33	MRP
Cobalt, Total	ND	17.6	2.19	mg/kg	4	U	6010D	6/21/26	6/21/26 19:33	MRP
Copper, Total	20.5	8.83	2.00	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Iron, Total	275000	221	70.6	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Lead, Total	45.9	44.1	2.10	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Magnesium, Total	4670	88.3	14.4	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Manganese, Total	394	8.83	4.73	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Nickel, Total	15.6	22.1	7.13	mg/kg	4	J	6010D	6/21/26	6/21/26 19:33	MRP
Potassium, Total	676	2210	448	mg/kg	4	J	6010D	6/21/26	6/21/26 19:33	MRP
Selenium, Total	ND	17.6	2.90	mg/kg	4	U	6010D	6/21/26	6/21/26 19:33	MRP
Silver, Total	ND	4.41	2.63	mg/kg	4	U	6010D	6/21/26	6/21/26 19:33	MRP
Sodium, Total	5720	1760	936	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP
Thallium, Total	ND	17.6	7.96	mg/kg	4	U	6010D	6/21/26	6/21/26 19:33	MRP
Vanadium, Total	4.36	8.83	1.33	mg/kg	4	J	6010D	6/21/26	6/21/26 19:33	MRP
Zinc, Total	206	44.1	5.35	mg/kg	4		6010D	6/21/26	6/21/26 19:33	MRP

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	50	2.4	µg/L	1	V-05	SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Benzene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Benzene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Bromodichloromethane	ND	0.50	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Bromoform	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Bromomethane	ND	2.0	0.88	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
n-Butylbenzene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
n-Butylbenzene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
sec-Butylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
sec-Butylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
tert-Butylbenzene	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
tert-Butylbenzene	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Carbon Disulfide	ND	5.0	2.9	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Carbon Tetrachloride	ND	5.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Chlorobenzene	0.87	1.0	0.27	µg/L	1	J	SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Chlorodibromomethane	ND	0.50	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Chloroethane	ND	2.0	0.40	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Chloroform	ND	2.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Chloromethane	ND	2.0	0.36	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.68	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.20	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2-Dichlorobenzene	ND	1.0	0.23	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,3-Dichlorobenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,4-Dichlorobenzene	0.24	1.0	0.24	µg/L	1	J	SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,1-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2-Dichloroethane	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,1-Dichloroethylene	ND	1.0	0.30	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
cis-1,3-Dichloropropene	ND	0.50	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
trans-1,3-Dichloropropene	ND	0.50	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Ethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Ethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
2-Hexanone (MBK)	ND	10	1.9	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Methyl Acetate	ND	1.0	0.51	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.20	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.20	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Methylene Chloride	ND	5.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	2.0	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Naphthalene	ND	2.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Naphthalene	ND	2.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
n-Propylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
n-Propylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Styrene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.15	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Tetrachloroethylene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Toluene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Toluene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,1,1-Trichloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,1,2-Trichloroethane	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Vinyl Chloride	ND	2.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
m+p Xylene	ND	2.0	0.54	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
m+p Xylene	ND	2.0	0.54	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
o-Xylene	ND	1.0	0.29	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
o-Xylene	ND	1.0	0.29	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	6/18/26	6/20/26 0:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	96.1	70-130	6/20/26 0:44
1,2-Dichloroethane-d4	96.1	70-130	6/20/26 0:44
Toluene-d8	97.9	70-130	6/20/26 0:44
Toluene-d8	97.9	70-130	6/20/26 0:44
4-Bromofluorobenzene	94.8	70-130	6/20/26 0:44
4-Bromofluorobenzene	94.8	70-130	6/20/26 0:44

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	5.0	0.57	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Acenaphthylene	ND	5.0	0.46	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Acetophenone	ND	10	0.70	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Aniline	ND	20	10	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Anthracene	ND	5.0	0.56	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Benzo(a)anthracene	ND	5.0	0.73	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Benzo(a)pyrene	ND	5.0	0.77	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Benzo(b)fluoranthene	ND	5.0	0.72	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Benzo(g,h,i)perylene	ND	5.0	0.82	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Benzo(k)fluoranthene	ND	5.0	0.82	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Biphenyl	ND	20	0.75	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Bis(2-chloroethoxy)methane	ND	10	0.82	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Bis(2-chloroethyl)ether	ND	10	0.80	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,2'-oxybis(1-Chloropropane)	ND	10	0.82	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Bis(2-Ethylhexyl)phthalate	ND	10	1.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
4-Bromophenylphenylether	ND	10	0.55	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Butylbenzylphthalate	ND	10	0.86	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Carbazole	ND	10	0.87	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
4-Chloro-3-methylphenol	ND	10	3.3	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
4-Chloroaniline	ND	10	3.3	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2-Chloronaphthalene	ND	10	0.68	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2-Chlorophenol	ND	10	0.91	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
4-Chlorophenylphenylether	ND	10	0.52	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Chrysene	ND	5.0	0.89	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Dibenz(a,h)anthracene	ND	5.0	0.67	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Dibenzofuran	ND	5.0	0.49	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
3,3'-Dichlorobenzidine	ND	10	4.2	µg/L	1	V-20	SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,4-Dichlorophenol	ND	10	2.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Diethylphthalate	ND	10	0.90	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Hexachlorobenzene	ND	10	0.60	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,4-Dimethylphenol	ND	10	0.66	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Dimethylphthalate	ND	10	0.77	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Di-n-butylphthalate	ND	10	0.92	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
4,6-Dinitro-2-methylphenol	ND	20	2.2	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,4-Dinitrophenol	ND	20	12	µg/L	1	V-20	SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,4-Dinitrotoluene	ND	10	2.1	µg/L	1	V-20	SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,6-Dinitrotoluene	ND	10	1.9	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Di-n-octylphthalate	ND	10	6.0	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Fluoranthene	ND	5.0	0.89	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Fluorene	ND	5.0	0.33	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Hexachlorobutadiene	ND	10	2.6	µg/L	1	L-04	SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Hexachlorocyclopentadiene	ND	10	3.2	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Hexachloroethane	ND	10	2.6	µg/L	1	L-04	SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Indeno(1,2,3-cd)pyrene	ND	5.0	0.70	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Isophorone	ND	10	0.94	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
1-Methylnaphthalene	ND	5.0	0.72	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2-Methylnaphthalene	ND	5.0	0.78	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2-Methylphenol	ND	10	0.66	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
3/4-Methylphenol	ND	10	2.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Naphthalene	ND	5.0	0.93	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2-Nitroaniline	ND	10	3.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
3-Nitroaniline	ND	10	3.3	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
4-Nitroaniline	ND	10	2.9	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Nitrobenzene	ND	10	1.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2-Nitrophenol	ND	10	3.5	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
4-Nitrophenol	ND	10	2.8	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
N-Nitrosodi-n-propylamine	ND	10	2.6	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
N-Nitrosodiphenylamine/Diphenylamine	ND	10	0.53	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Pentachlorophenol	ND	10	3.5	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Phenanthrene	ND	5.0	0.49	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Phenol	ND	10	1.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Pyrene	ND	5.0	0.77	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Pyridine	ND	20	8.2	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
1,2,4,5-Tetrachlorobenzene	ND	10	0.92	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,4,5-Trichlorophenol	ND	10	0.78	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,4,6-Trichlorophenol	ND	10	0.68	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Benzaldehyde	ND	10	4.8	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Caprolactam	ND	10	4.9	µg/L	1	L-04	SW-846 8270E	6/18/26	6/19/26 13:28	CD2
2,3,4,6-Tetrachlorophenol	ND	20	4.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2
Atrazine	ND	20	3.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 13:28	CD2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	35.5	15-110	6/19/26 13:28
Phenol-d6	25.5	15-110	6/19/26 13:28
Nitrobenzene-d5	56.4	30-130	6/19/26 13:28
2-Fluorobiphenyl	53.0	30-130	6/19/26 13:28
2,4,6-Tribromophenol	72.1	15-110	6/19/26 13:28
p-Terphenyl-d14	87.3	30-130	6/19/26 13:28



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.21	0.097	µg/L	1		SW-846 8270E	6/19/26	6/22/26 16:35	GJB
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,4-Dioxane-d8	32.1		15-110				6/22/26 16:35			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Sample Flags: PF-25

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.60	5.69	2.29	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluoropentanoic acid (PFPeA)	ND	2.85	0.982	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorohexanoic acid (PFHxA)	1.35	1.42	0.674	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluoroheptanoic acid (PFHpA)	0.797	1.42	0.429	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorooctanoic acid (PFOA)	2.26	1.42	0.566	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorononanoic acid (PFNA)	ND	1.42	0.487	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorodecanoic acid (PFDA)	ND	1.42	0.557	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.42	0.656	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.42	0.457	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.42	0.426	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.42	0.396	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorobutanesulfonic acid (PFBS)	4.73	1.42	0.793	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.42	0.722	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorohexanesulfonic acid (PFHxS)	1.10	1.42	0.535	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.42	0.594	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	1.42	0.501	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.42	0.773	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.42	0.523	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.42	0.501	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.69	1.71	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.69	1.71	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.69	2.31	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.42	0.514	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.42	0.592	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.42	0.728	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.42	0.902	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.42	0.980	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.2	6.11	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.2	7.17	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.69	1.61	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	5.69	1.63	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
9Cl-PF3ONS	ND	5.69	1.46	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
11Cl-PF3OUdS	ND	5.69	2.09	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.12	3.35	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	35.6	9.97	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	35.6	14.6	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.85	0.837	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.85	1.31	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Sample Flags: PF-25

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.85	0.901	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.85	1.33	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:28	AMS
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
13C4-PFBA	87.5		5-130				6/20/26 16:28			
13C5-PFPeA	97.7		40-130				6/20/26 16:28			
13C5-PFHxA	95.4		40-130				6/20/26 16:28			
13C4-PFHpA	101		40-130				6/20/26 16:28			
13C8-PFOA	96.9		40-130				6/20/26 16:28			
13C9-PFNA	100		40-130				6/20/26 16:28			
13C6-PFDA	96.1		40-130				6/20/26 16:28			
13C7-PFUnA	104		30-130				6/20/26 16:28			
13C2-PFDoA	90.6		10-130				6/20/26 16:28			
13C2-PFTeDA	81.2		10-130				6/20/26 16:28			
13C3-PFBS	96.7		40-135				6/20/26 16:28			
13C3-PFHxS	102		40-130				6/20/26 16:28			
13C8-PFOS	91.1		40-130				6/20/26 16:28			
13C2-4:2FTS	71.4		40-200				6/20/26 16:28			
13C2-6:2FTS	102		40-200				6/20/26 16:28			
13C2-8:2FTS	84.7		40-300				6/20/26 16:28			
13C8-PFOSA	79.1		40-130				6/20/26 16:28			
D3-NMeFOSA	75.5		10-130				6/20/26 16:28			
D5-NEtFOSA	72.7		10-130				6/20/26 16:28			
D3-NMeFOSAA	66.0		40-170				6/20/26 16:28			
D5-NEtFOSAA	57.4		25-135				6/20/26 16:28			
D7-NMeFOSE	74.7		10-130				6/20/26 16:28			
D9-NEtFOSE	66.8		10-130				6/20/26 16:28			
13C3-HFPO-DA	109		40-130				6/20/26 16:28			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
alpha-Chlordane [1]	ND	0.018	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
alpha-Chlordane [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
gamma-Chlordane [1]	ND	0.018	0.0092	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
gamma-Chlordane [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Aldrin [1]	ND	0.018	0.0092	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Aldrin [1]	ND	0.020	0.010	µg/L	1	R-05	SW-846 8081B	6/25/26	6/26/26 17:07	TG
alpha-BHC [1]	0.091	0.018	0.0064	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
alpha-BHC [2]	0.074	0.020	0.0070	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
beta-BHC [1]	0.016	0.018	0.014	µg/L	1	J	SW-846 8081B	6/18/26	6/19/26 15:28	TG
beta-BHC [2]	0.010	0.020	0.010	µg/L	1	J	SW-846 8081B	6/25/26	6/26/26 17:07	TG
delta-BHC [1]	ND	0.018	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
delta-BHC [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
gamma-BHC (Lindane) [1]	ND	0.018	0.0064	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
gamma-BHC (Lindane) [1]	ND	0.020	0.0070	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
4,4'-DDD [1]	ND	0.040	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
4,4'-DDD [1]	ND	0.037	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
4,4'-DDE [1]	ND	0.037	0.0073	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
4,4'-DDE [1]	ND	0.040	0.0080	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
4,4'-DDT [1]	ND	0.037	0.011	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
4,4'-DDT [1]	ND	0.040	0.012	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Dieldrin [1]	ND	0.0018	0.00092	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Dieldrin [1]	ND	0.0020	0.0010	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Endosulfan I [1]	ND	0.018	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Endosulfan I [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Endosulfan II [1]	ND	0.018	0.0092	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Endosulfan II [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Endosulfan sulfate [1]	ND	0.018	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Endosulfan sulfate [2]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Endrin [1]	ND	0.018	0.0092	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Endrin [2]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Endrin aldehyde [1]	ND	0.018	0.012	µg/L	1		SW-846 8081B	6/18/26	6/19/26 17:51	TG
Endrin aldehyde [1]	ND	0.020	0.013	µg/L	1		SW-846 8081B	6/25/26	6/26/26 19:31	TG
Endrin ketone [1]	ND	0.018	0.0092	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Endrin ketone [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Heptachlor [1]	ND	0.018	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Heptachlor [1]	ND	0.020	0.011	µg/L	1	R-05	SW-846 8081B	6/25/26	6/26/26 17:07	TG
Heptachlor epoxide [1]	ND	0.018	0.0083	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Heptachlor epoxide [1]	ND	0.020	0.0090	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Methoxychlor [1]	ND	0.018	0.013	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Methoxychlor [1]	ND	0.020	0.014	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG
Toxaphene [1]	ND	0.37	0.14	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:28	TG
Toxaphene [1]	ND	0.40	0.15	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:07	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Decachlorobiphenyl [1]	33.5	30-150	

6/19/26 15:28



39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		36.4		30-150					6/19/26 17:51	
Decachlorobiphenyl [1]		79.5		30-150					6/26/26 19:31	
Decachlorobiphenyl [1]		75.6		30-150					6/26/26 17:07	
Decachlorobiphenyl [2]		36.1		30-150					6/19/26 15:28	
Decachlorobiphenyl [2]		39.5		30-150					6/19/26 17:51	
Decachlorobiphenyl [2]		81.6		30-150					6/26/26 17:07	
Decachlorobiphenyl [2]		85.8		30-150					6/26/26 19:31	
Tetrachloro-m-xylene [1]		50.9		30-150					6/19/26 15:28	
Tetrachloro-m-xylene [1]		53.9		30-150					6/19/26 17:51	
Tetrachloro-m-xylene [1]		53.5		30-150					6/26/26 17:07	
Tetrachloro-m-xylene [1]		55.7		30-150					6/26/26 19:31	
Tetrachloro-m-xylene [2]		52.9		30-150					6/19/26 15:28	
Tetrachloro-m-xylene [2]		55.8		30-150					6/19/26 17:51	
Tetrachloro-m-xylene [2]		57.9		30-150					6/26/26 19:31	
Tetrachloro-m-xylene [2]		56.3		30-150					6/26/26 17:07	

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.18	0.076	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1221 [1]	ND	0.18	0.078	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1232 [1]	ND	0.18	0.074	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1242 [1]	ND	0.18	0.093	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1248 [1]	ND	0.18	0.088	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1254 [1]	ND	0.18	0.082	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1260 [1]	ND	0.18	0.094	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1262 [1]	ND	0.18	0.071	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Aroclor-1268 [1]	ND	0.18	0.10	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:26	SFM
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		50.0	30-150						6/19/26 18:26	
Decachlorobiphenyl [2]		40.3	30-150						6/19/26 18:26	
Tetrachloro-m-xylene [1]		66.3	30-150						6/19/26 18:26	
Tetrachloro-m-xylene [2]		57.8	30-150						6/19/26 18:26	

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ammonia as N	4.3	0.30	0.18	mg/L	1		SM 4500-NH3 C-2021	6/19/26	6/19/26 17:48	EC
Chemical Oxygen Demand	110	15	12	mg/L	1	MS-07A	EPA 410.4, Rev.2.0 (1993)	6/25/26	6/25/26 11:36	LL
Chloride	310	5.0	1.5	mg/L	5		EPA 300.0, Rev.2.1 (1993)	6/26/26	6/27/26 10:29	NEC
Sulfate	3.7	1.0	0.26	mg/L	1		EPA 300.0, Rev.2.1 (1993)	6/26/26	6/26/26 2:50	NEC
Sulfate	ND	1.0	0.26	mg/L	1		EPA 300.0, Rev.2.1 (1993)	6/26/26	6/30/26 14:46	NEC
Total Organic Carbon	9.8	0.50	0.28	mg/L	1		SM 5310C-2014	6/26/26	6/26/26 20:49	ZEF
Total Solids	1500	25		mg/L	1		SM 2540B-2020	6/18/26	6/18/26 7:53	LL
Alkalinity to pH 4.5	720	1.0	0.63	mg/L	1		SM 2320B-2011	6/19/26	6/19/26 15:27	AMR



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Dissolved)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Dissolved Solids	1200	25	25	mg/L	1		SM 2540C-2020	6/23/26	6/23/26 13:57	LL



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Anions by Ion Chromatography - Westborough Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromide	0.206	0.050	0.013	mg/l	1		300.0	6/22/26	6/22/26 20:16	AU,



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Total Hardness by SM 2340B - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hardness	709.	0.660	0.660	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: MW-02

Sampled: 6/16/2026 14:00

Sample ID: 26F1604-03

Sample Matrix: Ground Water

Total Metals - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Mercury, Total	ND	0.00020	0.00009	mg/l	1	U	7470A	6/22/26	6/22/26 23:33	RDB
Aluminum, Total	3.25	0.100	0.0318	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Antimony, Total	ND	0.0500	0.0071	mg/l	1	U	6010D	6/22/26	6/22/26 22:00	AJE
Arsenic, Total	0.0066	0.0050	0.0019	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Barium, Total	0.759	0.0100	0.0021	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Beryllium, Total	ND	0.0050	0.0009	mg/l	1	U	6010D	6/22/26	6/22/26 22:00	AJE
Cadmium, Total	ND	0.0050	0.0010	mg/l	1	U	6010D	6/22/26	6/22/26 22:00	AJE
Calcium, Total	219.	0.100	0.0350	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Chromium, Total	0.0132	0.0100	0.0021	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Cobalt, Total	0.0042	0.0200	0.0017	mg/l	1	J	6010D	6/22/26	6/22/26 22:00	AJE
Copper, Total	0.0669	0.0100	0.0022	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Iron, Total	36.7	0.0500	0.0090	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Lead, Total	0.0875	0.0100	0.0027	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Magnesium, Total	39.2	0.100	0.0153	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Manganese, Total	0.736	0.0100	0.0016	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Nickel, Total	0.0192	0.0250	0.0024	mg/l	1	J	6010D	6/22/26	6/22/26 22:00	AJE
Potassium, Total	7.47	2.50	0.237	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Selenium, Total	ND	0.0100	0.0035	mg/l	1	U	6010D	6/22/26	6/22/26 22:00	AJE
Silver, Total	ND	0.0070	0.0028	mg/l	1	U	6010D	6/22/26	6/22/26 22:00	AJE
Sodium, Total	203.	2.00	0.120	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE
Thallium, Total	0.0059	0.0200	0.0025	mg/l	1	J	6010D	6/22/26	6/22/26 22:00	AJE
Vanadium, Total	0.0080	0.0100	0.0020	mg/l	1	J	6010D	6/22/26	6/22/26 22:00	AJE
Zinc, Total	0.187	0.0500	0.0021	mg/l	1		6010D	6/22/26	6/22/26 22:00	AJE

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	4.3	50	2.4	µg/L	1	V-05, J	SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Benzene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Benzene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Bromodichloromethane	ND	0.50	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Bromoform	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Bromomethane	ND	2.0	0.88	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
n-Butylbenzene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
n-Butylbenzene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
sec-Butylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
sec-Butylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
tert-Butylbenzene	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
tert-Butylbenzene	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Carbon Disulfide	ND	5.0	2.9	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Carbon Tetrachloride	ND	5.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Chlorobenzene	0.83	1.0	0.27	µg/L	1	J	SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Chlorodibromomethane	ND	0.50	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Chloroethane	ND	2.0	0.40	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Chloroform	ND	2.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Chloromethane	ND	2.0	0.36	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.68	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.20	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2-Dichlorobenzene	ND	1.0	0.23	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,3-Dichlorobenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,4-Dichlorobenzene	0.25	1.0	0.24	µg/L	1	J	SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,1-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2-Dichloroethane	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,1-Dichloroethylene	ND	1.0	0.30	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
cis-1,3-Dichloropropene	ND	0.50	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
trans-1,3-Dichloropropene	ND	0.50	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Ethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Ethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
2-Hexanone (MBK)	ND	10	1.9	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Methyl Acetate	ND	1.0	0.51	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.20	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.20	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Methylene Chloride	ND	5.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	2.0	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Naphthalene	ND	2.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Naphthalene	ND	2.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
n-Propylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
n-Propylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Styrene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.15	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Tetrachloroethylene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Toluene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Toluene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.21	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,1,1-Trichloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,1,2-Trichloroethane	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.22	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Vinyl Chloride	ND	2.0	0.26	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
m+p Xylene	ND	2.0	0.54	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
m+p Xylene	ND	2.0	0.54	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
o-Xylene	ND	1.0	0.29	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
o-Xylene	ND	1.0	0.29	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	6/18/26	6/20/26 1:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	95.5	70-130	
1,2-Dichloroethane-d4	95.5	70-130	
Toluene-d8	98.7	70-130	
Toluene-d8	98.7	70-130	
4-Bromofluorobenzene	95.6	70-130	
4-Bromofluorobenzene	95.6	70-130	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	0.54	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Acenaphthylene	ND	4.7	0.44	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Acetophenone	ND	9.4	0.66	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Aniline	ND	19	9.4	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Anthracene	ND	4.7	0.53	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Benzo(a)anthracene	ND	4.7	0.68	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Benzo(a)pyrene	ND	4.7	0.73	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Benzo(b)fluoranthene	ND	4.7	0.68	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Benzo(g,h,i)perylene	ND	4.7	0.78	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Benzo(k)fluoranthene	ND	4.7	0.78	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Biphenyl	ND	19	0.71	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Bis(2-chloroethoxy)methane	ND	9.4	0.78	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Bis(2-chloroethyl)ether	ND	9.4	0.75	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,2'-oxybis(1-Chloropropane)	ND	9.4	0.77	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Bis(2-Ethylhexyl)phthalate	ND	9.4	1.6	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
4-Bromophenylphenylether	ND	9.4	0.51	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Butylbenzylphthalate	ND	9.4	0.81	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Carbazole	ND	9.4	0.82	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
4-Chloro-3-methylphenol	ND	9.4	3.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
4-Chloroaniline	ND	9.4	3.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2-Chloronaphthalene	ND	9.4	0.64	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2-Chlorophenol	ND	9.4	0.86	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
4-Chlorophenylphenylether	ND	9.4	0.49	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Chrysene	ND	4.7	0.84	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Dibenz(a,h)anthracene	ND	4.7	0.63	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Dibenzofuran	ND	4.7	0.46	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
3,3'-Dichlorobenzidine	ND	9.4	4.0	µg/L	1	V-20	SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,4-Dichlorophenol	ND	9.4	2.5	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Diethylphthalate	ND	9.4	0.84	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Hexachlorobenzene	ND	9.4	0.57	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,4-Dimethylphenol	ND	9.4	0.62	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Dimethylphthalate	ND	9.4	0.73	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Di-n-butylphthalate	ND	9.4	0.87	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
4,6-Dinitro-2-methylphenol	ND	19	2.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,4-Dinitrophenol	ND	19	11	µg/L	1	V-20	SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,4-Dinitrotoluene	ND	9.4	2.0	µg/L	1	V-20	SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,6-Dinitrotoluene	ND	9.4	1.8	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Di-n-octylphthalate	ND	9.4	5.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Fluoranthene	ND	4.7	0.84	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Fluorene	ND	4.7	0.31	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Hexachlorobutadiene	ND	9.4	2.4	µg/L	1	L-04	SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Hexachlorocyclopentadiene	ND	9.4	3.0	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Hexachloroethane	ND	9.4	2.4	µg/L	1	L-04	SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Indeno(1,2,3-cd)pyrene	ND	4.7	0.67	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Isophorone	ND	9.4	0.89	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
1-Methylnaphthalene	ND	4.7	0.68	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2-Methylnaphthalene	ND	4.7	0.74	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2-Methylphenol	ND	9.4	0.63	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
3/4-Methylphenol	ND	9.4	2.5	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Naphthalene	ND	4.7	0.88	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2-Nitroaniline	ND	9.4	3.5	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
3-Nitroaniline	ND	9.4	3.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
4-Nitroaniline	ND	9.4	2.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Nitrobenzene	ND	9.4	1.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2-Nitrophenol	ND	9.4	3.3	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
4-Nitrophenol	ND	9.4	2.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
N-Nitrosodi-n-propylamine	ND	9.4	2.5	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
N-Nitrosodiphenylamine/Diphenylamine	ND	9.4	0.50	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Pentachlorophenol	ND	9.4	3.3	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Phenanthrene	ND	4.7	0.46	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Phenol	ND	9.4	1.1	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Pyrene	ND	4.7	0.73	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Pyridine	ND	19	7.7	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
1,2,4,5-Tetrachlorobenzene	ND	9.4	0.87	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,4,5-Trichlorophenol	ND	9.4	0.73	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,4,6-Trichlorophenol	ND	9.4	0.64	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Benzaldehyde	ND	9.4	4.6	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Caprolactam	ND	9.4	4.6	µg/L	1	L-04	SW-846 8270E	6/18/26	6/19/26 14:30	CD2
2,3,4,6-Tetrachlorophenol	ND	19	4.4	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2
Atrazine	ND	19	3.5	µg/L	1		SW-846 8270E	6/18/26	6/19/26 14:30	CD2

Surrogates	% Recovery	Recovery Limits	Flag/Qual
2-Fluorophenol	38.6	15-110	6/19/26 14:30
Phenol-d6	28.7	15-110	6/19/26 14:30
Nitrobenzene-d5	68.0	30-130	6/19/26 14:30
2-Fluorobiphenyl	59.8	30-130	6/19/26 14:30
2,4,6-Tribromophenol	89.0	15-110	6/19/26 14:30
p-Terphenyl-d14	102	30-130	6/19/26 14:30



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

1,4-Dioxane by isotope dilution GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
1,4-Dioxane	ND	0.20	0.092	µg/L	1		SW-846 8270E	6/19/26	6/22/26 17:38	GJB
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
1,4-Dioxane-d8		24.2		15-110				6/22/26 17:38		

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Sample Flags: PF-25

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	8.56	5.72	2.30	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluoropentanoic acid (PFPeA)	1.42	2.86	0.986	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorohexanoic acid (PFHxA)	1.33	1.43	0.676	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluoroheptanoic acid (PFHpA)	1.04	1.43	0.431	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorooctanoic acid (PFOA)	2.48	1.43	0.568	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorononanoic acid (PFNA)	ND	1.43	0.489	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorodecanoic acid (PFDA)	ND	1.43	0.559	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.43	0.658	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.43	0.459	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.43	0.427	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorotetradecanoic acid (PFTeDA)	ND	1.43	0.398	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorobutanesulfonic acid (PFBS)	5.18	1.43	0.796	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluoropentanesulfonic acid (PFPeS)	ND	1.43	0.725	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorohexanesulfonic acid (PFHxS)	1.03	1.43	0.537	ng/L	1	J	EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.43	0.597	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	1.43	0.503	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.43	0.776	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.43	0.525	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorododecanesulfonic acid (PFDoS)	ND	1.43	0.503	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	5.72	1.72	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	5.72	1.72	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	5.72	2.32	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluorooctanesulfonamide (PFOSA)	ND	1.43	0.516	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.43	0.594	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.43	0.731	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.43	0.906	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.43	0.984	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	14.3	6.14	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	14.3	7.20	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	5.72	1.62	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	ND	5.72	1.64	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
9Cl-PF3ONS	ND	5.72	1.47	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
11Cl-PF3OUdS	ND	5.72	2.10	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	7.15	3.36	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	35.7	10.0	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	35.7	14.7	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.86	0.841	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	2.86	1.32	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Sample Flags: PF-25

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	2.86	0.904	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.86	1.33	ng/L	1		EPA 1633A	6/19/26	6/20/26 16:37	AMS
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
13C4-PFBA	79.1		5-130				6/20/26 16:37			
13C5-PFPeA	88.0		40-130				6/20/26 16:37			
13C5-PFHxA	89.7		40-130				6/20/26 16:37			
13C4-PFHpA	90.5		40-130				6/20/26 16:37			
13C8-PFOA	89.5		40-130				6/20/26 16:37			
13C9-PFNA	87.1		40-130				6/20/26 16:37			
13C6-PFDA	87.8		40-130				6/20/26 16:37			
13C7-PFUnA	87.6		30-130				6/20/26 16:37			
13C2-PFDoA	80.9		10-130				6/20/26 16:37			
13C2-PFTeDA	73.4		10-130				6/20/26 16:37			
13C3-PFBS	88.8		40-135				6/20/26 16:37			
13C3-PFHxS	89.8		40-130				6/20/26 16:37			
13C8-PFOS	78.0		40-130				6/20/26 16:37			
13C2-4:2FTS	63.3		40-200				6/20/26 16:37			
13C2-6:2FTS	95.6		40-200				6/20/26 16:37			
13C2-8:2FTS	80.6		40-300				6/20/26 16:37			
13C8-PFOSA	75.1		40-130				6/20/26 16:37			
D3-NMeFOSA	70.4		10-130				6/20/26 16:37			
D5-NEtFOSA	68.0		10-130				6/20/26 16:37			
D3-NMeFOSAA	60.2		40-170				6/20/26 16:37			
D5-NEtFOSAA	58.5		25-135				6/20/26 16:37			
D7-NMeFOSE	72.1		10-130				6/20/26 16:37			
D9-NEtFOSE	64.0		10-130				6/20/26 16:37			
13C3-HFPO-DA	98.5		40-130				6/20/26 16:37			

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
alpha-Chlordane [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
alpha-Chlordane [1]	ND	0.022	0.012	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
gamma-Chlordane [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
gamma-Chlordane [1]	ND	0.022	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Aldrin [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Aldrin [1]	ND	0.022	0.011	µg/L	1	R-05	SW-846 8081B	6/25/26	6/26/26 17:19	TG
alpha-BHC [1]	0.076	0.022	0.0076	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
alpha-BHC [2]	0.085	0.020	0.0070	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
beta-BHC [2]	0.013	0.020	0.010	µg/L	1	J	SW-846 8081B	6/18/26	6/19/26 15:40	TG
beta-BHC [2]	ND	0.022	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
delta-BHC [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
delta-BHC [1]	ND	0.022	0.012	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
gamma-BHC (Lindane) [1]	ND	0.020	0.0070	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
gamma-BHC (Lindane) [1]	ND	0.022	0.0076	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
4,4'-DDD [1]	ND	0.040	0.011	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
4,4'-DDD [1]	ND	0.043	0.012	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
4,4'-DDE [1]	ND	0.040	0.0080	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
4,4'-DDE [1]	ND	0.043	0.0087	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
4,4'-DDT [1]	ND	0.040	0.012	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
4,4'-DDT [1]	ND	0.043	0.013	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Dieldrin [1]	ND	0.0020	0.0010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Dieldrin [1]	ND	0.0022	0.0011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Endosulfan I [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Endosulfan I [1]	ND	0.022	0.012	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Endosulfan II [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Endosulfan II [1]	ND	0.022	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Endosulfan sulfate [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Endosulfan sulfate [2]	ND	0.022	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Endrin [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Endrin [2]	ND	0.022	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Endrin aldehyde [1]	ND	0.022	0.014	µg/L	1		SW-846 8081B	6/25/26	6/26/26 19:43	TG
Endrin aldehyde [1]	ND	0.020	0.013	µg/L	1		SW-846 8081B	6/18/26	6/19/26 18:03	TG
Endrin ketone [1]	ND	0.020	0.010	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Endrin ketone [1]	ND	0.022	0.011	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Heptachlor [1]	ND	0.020	0.011	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Heptachlor [1]	ND	0.022	0.012	µg/L	1	R-05	SW-846 8081B	6/25/26	6/26/26 17:19	TG
Heptachlor epoxide [1]	ND	0.020	0.0090	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Heptachlor epoxide [1]	ND	0.022	0.0098	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Methoxychlor [1]	ND	0.020	0.014	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Methoxychlor [1]	ND	0.022	0.015	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG
Toxaphene [1]	ND	0.40	0.15	µg/L	1		SW-846 8081B	6/18/26	6/19/26 15:40	TG
Toxaphene [1]	ND	0.43	0.17	µg/L	1		SW-846 8081B	6/25/26	6/26/26 17:19	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual
Decachlorobiphenyl [1]	36.6	30-150	

6/19/26 15:40



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Organochloride Pesticides by GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		38.3		30-150					6/19/26 18:03	
Decachlorobiphenyl [1]		66.7		30-150					6/26/26 17:19	
Decachlorobiphenyl [1]		70.5		30-150					6/26/26 19:43	
Decachlorobiphenyl [2]		38.3		30-150					6/19/26 15:40	
Decachlorobiphenyl [2]		75.9		30-150					6/26/26 19:43	
Decachlorobiphenyl [2]		40.9		30-150					6/19/26 18:03	
Decachlorobiphenyl [2]		72.5		30-150					6/26/26 17:19	
Tetrachloro-m-xylene [1]		57.3		30-150					6/26/26 19:43	
Tetrachloro-m-xylene [1]		49.2		30-150					6/19/26 18:03	
Tetrachloro-m-xylene [1]		47.1		30-150					6/19/26 15:40	
Tetrachloro-m-xylene [1]		54.2		30-150					6/26/26 17:19	
Tetrachloro-m-xylene [2]		59.0		30-150					6/26/26 19:43	
Tetrachloro-m-xylene [2]		50.9		30-150					6/19/26 18:03	
Tetrachloro-m-xylene [2]		57.0		30-150					6/26/26 17:19	
Tetrachloro-m-xylene [2]		48.8		30-150					6/19/26 15:40	

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	0.083	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1221 [1]	ND	0.20	0.085	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1232 [1]	ND	0.20	0.081	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1242 [1]	ND	0.20	0.10	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1248 [1]	ND	0.20	0.096	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1254 [1]	ND	0.20	0.089	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1260 [1]	ND	0.20	0.10	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1262 [1]	ND	0.20	0.077	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Aroclor-1268 [1]	ND	0.20	0.11	µg/L	1		SW-846 8082A	6/18/26	6/19/26 18:43	SFM
Surrogates		% Recovery	Recovery Limits			Flag/Qual				
Decachlorobiphenyl [1]		56.9	30-150						6/19/26 18:43	
Decachlorobiphenyl [2]		43.3	30-150						6/19/26 18:43	
Tetrachloro-m-xylene [1]		64.0	30-150						6/19/26 18:43	
Tetrachloro-m-xylene [2]		53.3	30-150						6/19/26 18:43	

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Ammonia as N	4.3	0.30	0.18	mg/L	1		SM 4500-NH3 C-2021	6/19/26	6/19/26 18:11	EC
Chemical Oxygen Demand	80	15	12	mg/L	1		EPA 410.4, Rev.2.0 (1993)	6/25/26	6/25/26 11:36	LL
Chloride	320	5.0	1.5	mg/L	5		EPA 300.0, Rev.2.1 (1993)	6/26/26	6/27/26 10:51	NEC
Sulfate	3.3	1.0	0.26	mg/L	1		EPA 300.0, Rev.2.1 (1993)	6/26/26	6/26/26 4:01	NEC
Total Organic Carbon	11	0.50	0.28	mg/L	1		SM 5310C-2014	6/26/26	6/26/26 22:14	ZEF
Total Solids	1800	25		mg/L	1		SM 2540B-2020	6/18/26	6/18/26 7:53	LL
Alkalinity to pH 4.5	780	1.0	0.63	mg/L	1	PR-18	SM 2320B-2011	6/19/26	6/19/26 15:32	AMR



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Dissolved)

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Total Dissolved Solids	1100	25	25	mg/L	1		SM 2540C-2020	6/23/26	6/23/26 13:57	LL



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Anions by Ion Chromatography - Westborough Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Bromide	0.195	0.050	0.013	mg/l	1		300.0	6/22/26	6/22/26 20:29	AU,



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Total Hardness by SM 2340B - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hardness	693.	0.660	0.660	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE



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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: DUP (water)

Sampled: 6/16/2026 00:00

Sample ID: 26F1604-04

Sample Matrix: Ground Water

Total Metals - Mansfield Lab

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Mercury, Total	0.00013	0.00020	0.00009	mg/l	1	J	7470A	6/22/26	6/22/26 23:43	RDB
Aluminum, Total	1.28	0.100	0.0318	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Antimony, Total	ND	0.0500	0.0071	mg/l	1	U	6010D	6/22/26	6/22/26 23:33	AJE
Arsenic, Total	0.0027	0.0050	0.0019	mg/l	1	J	6010D	6/22/26	6/22/26 23:33	AJE
Barium, Total	0.725	0.0100	0.0021	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Beryllium, Total	ND	0.0050	0.0009	mg/l	1	U	6010D	6/22/26	6/22/26 23:33	AJE
Cadmium, Total	ND	0.0050	0.0010	mg/l	1	U	6010D	6/22/26	6/22/26 23:33	AJE
Calcium, Total	215.	0.100	0.0350	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Chromium, Total	0.0072	0.0100	0.0021	mg/l	1	J	6010D	6/22/26	6/22/26 23:33	AJE
Cobalt, Total	0.0030	0.0200	0.0017	mg/l	1	J	6010D	6/22/26	6/22/26 23:33	AJE
Copper, Total	0.0289	0.0100	0.0022	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Iron, Total	31.4	0.0500	0.0090	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Lead, Total	0.0401	0.0100	0.0027	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Magnesium, Total	38.2	0.100	0.0153	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Manganese, Total	0.696	0.0100	0.0016	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Nickel, Total	0.0088	0.0250	0.0024	mg/l	1	J	6010D	6/22/26	6/22/26 23:33	AJE
Potassium, Total	7.24	2.50	0.237	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Selenium, Total	ND	0.0100	0.0035	mg/l	1	U	6010D	6/22/26	6/22/26 23:33	AJE
Silver, Total	ND	0.0070	0.0028	mg/l	1	U	6010D	6/22/26	6/22/26 23:33	AJE
Sodium, Total	198.	2.00	0.120	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE
Thallium, Total	ND	0.0200	0.0025	mg/l	1	U	6010D	6/22/26	6/22/26 23:33	AJE
Vanadium, Total	0.0033	0.0100	0.0020	mg/l	1	J	6010D	6/22/26	6/22/26 23:33	AJE
Zinc, Total	0.0894	0.0500	0.0021	mg/l	1		6010D	6/22/26	6/22/26 23:33	AJE

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: Trip Blank (soil)

Sampled: 6/16/2026 12:50

Sample ID: 26F1604-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.011	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Benzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Benzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Bromochloromethane	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Bromodichloromethane	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Bromoform	ND	0.0020	0.0014	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Bromomethane	ND	0.010	0.0017	mg/Kg wet	1	V-34	SW-846 8260D	6/18/26	6/18/26 8:50	MFF
2-Butanone (MEK)	ND	0.040	0.0057	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
n-Butylbenzene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
n-Butylbenzene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
sec-Butylbenzene	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
sec-Butylbenzene	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
tert-Butylbenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
tert-Butylbenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Carbon Disulfide	ND	0.020	0.011	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Carbon Tetrachloride	ND	0.0020	0.0010	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Chlorobenzene	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Chlorodibromomethane	ND	0.0010	0.00098	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Chloroethane	ND	0.020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Chloroform	ND	0.0040	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Chloromethane	ND	0.010	0.0012	mg/Kg wet	1	V-05	SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Cyclohexane	ND	0.010	0.0041	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	0.0011	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2-Dichlorobenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,3-Dichlorobenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,4-Dichlorobenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	0.0014	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,1-Dichloroethane	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2-Dichloroethane	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,1-Dichloroethylene	ND	0.0040	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
cis-1,2-Dichloroethylene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
trans-1,2-Dichloroethylene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2-Dichloropropane	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Ethylbenzene	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Ethylbenzene	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
2-Hexanone (MBK)	ND	0.020	0.0067	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Isopropylbenzene (Cumene)	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Methyl Acetate	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: Trip Blank (soil)

Sampled: 6/16/2026 12:50

Sample ID: 26F1604-05

Sample Matrix: Trip Blank Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Methyl Cyclohexane	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Methylene Chloride	ND	0.020	0.00050	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	0.0059	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Naphthalene	ND	0.0040	0.0012	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Naphthalene	ND	0.0040	0.0012	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
n-Propylbenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
n-Propylbenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Styrene	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Tetrachloroethylene	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Toluene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Toluene	ND	0.0020	0.00060	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2,3-Trichlorobenzene	ND	0.0020	0.00090	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2,4-Trichlorobenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,1,1-Trichloroethane	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,1,2-Trichloroethane	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Trichloroethylene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2,3-Trichloropropane	ND	0.0020	0.0010	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,2,4-Trimethylbenzene	ND	0.0020	0.00070	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
1,3,5-Trimethylbenzene	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Vinyl Chloride	ND	0.010	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
m+p Xylene	ND	0.0040	0.0014	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
m+p Xylene	ND	0.0040	0.0014	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
o-Xylene	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
o-Xylene	ND	0.0020	0.00080	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF
Xylenes (total)	ND	0.0020	0.0020	mg/Kg wet	1		SW-846 8260D	6/18/26	6/18/26 8:50	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	98.4	70-130	6/18/26 8:50
1,2-Dichloroethane-d4	98.4	70-130	6/18/26 8:50
Toluene-d8	95.7	70-130	6/18/26 8:50
Toluene-d8	95.7	70-130	6/18/26 8:50
4-Bromofluorobenzene	99.0	70-130	6/18/26 8:50
4-Bromofluorobenzene	99.0	70-130	6/18/26 8:50

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: Trip Blank (water)

Sampled: 6/16/2026 14:05

Sample ID: 26F1604-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	6.9	50	2.4	µg/L	1	J	SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Benzene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Benzene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Bromochloromethane	ND	1.0	0.36	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Bromodichloromethane	ND	0.50	0.24	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Bromoform	ND	1.0	0.28	µg/L	1	V-05	SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Bromomethane	ND	2.0	0.88	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
2-Butanone (MEK)	ND	20	1.6	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
n-Butylbenzene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
n-Butylbenzene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
sec-Butylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
sec-Butylbenzene	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
tert-Butylbenzene	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
tert-Butylbenzene	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Carbon Disulfide	ND	5.0	2.9	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Carbon Tetrachloride	ND	5.0	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Chlorobenzene	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Chlorodibromomethane	ND	0.50	0.25	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Chloroethane	ND	2.0	0.40	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Chloroform	ND	2.0	0.28	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Chloromethane	ND	2.0	0.36	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Cyclohexane	ND	5.0	1.5	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	0.68	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2-Dibromoethane (EDB)	ND	0.50	0.20	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2-Dichlorobenzene	ND	1.0	0.23	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,3-Dichlorobenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,4-Dichlorobenzene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	2.0	0.25	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,1-Dichloroethane	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2-Dichloroethane	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,1-Dichloroethylene	ND	1.0	0.30	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
cis-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
trans-1,2-Dichloroethylene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2-Dichloropropane	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
cis-1,3-Dichloropropene	ND	0.50	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
trans-1,3-Dichloropropene	ND	0.50	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Ethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Ethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
2-Hexanone (MBK)	ND	10	1.9	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Isopropylbenzene (Cumene)	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	1.0	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Methyl Acetate	ND	1.0	0.51	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF

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Project Location: 9347 Buffalo Ave, Niagarh Falls,

Sample Description:

Work Order: 26F1604

Date Received: 6/17/2026

Field Sample #: Trip Blank (water)

Sampled: 6/16/2026 14:05

Sample ID: 26F1604-06

Sample Matrix: Trip Blank Water

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.20	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	1.0	0.20	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Methyl Cyclohexane	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Methylene Chloride	ND	5.0	0.31	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	10	2.0	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Naphthalene	ND	2.0	0.25	µg/L	1	V-05	SW-846 8260D	6/22/26	6/22/26 11:14	MFF
n-Propylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
n-Propylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Styrene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.50	0.15	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Tetrachloroethylene	ND	1.0	0.28	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Toluene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Toluene	ND	1.0	0.31	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2,3-Trichlorobenzene	ND	5.0	0.26	µg/L	1	V-05	SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2,4-Trichlorobenzene	ND	1.0	0.21	µg/L	1	V-05	SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,1,1-Trichloroethane	ND	1.0	0.27	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,1,2-Trichloroethane	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Trichloroethylene	ND	1.0	0.24	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Trichlorofluoromethane (Freon 11)	ND	2.0	0.22	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2,3-Trichloropropane	ND	2.0	0.28	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	0.21	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,2,4-Trimethylbenzene	ND	1.0	0.25	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
1,3,5-Trimethylbenzene	ND	1.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Vinyl Chloride	ND	2.0	0.26	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
m+p Xylene	ND	2.0	0.54	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
m+p Xylene	ND	2.0	0.54	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
o-Xylene	ND	1.0	0.29	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
o-Xylene	ND	1.0	0.29	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF
Xylenes (total)	ND	1.0	1.0	µg/L	1		SW-846 8260D	6/22/26	6/22/26 11:14	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	109	70-130	6/22/26 11:14
1,2-Dichloroethane-d4	109	70-130	6/22/26 11:14
Toluene-d8	102	70-130	6/22/26 11:14
Toluene-d8	102	70-130	6/22/26 11:14
4-Bromofluorobenzene	90.8	70-130	6/22/26 11:14
4-Bromofluorobenzene	90.8	70-130	6/22/26 11:14

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Sample Extraction Data

Prep Method:NONE **Analytical Method:**300.0

Media :

Lab Number [Field ID]	Batch	Initial []	Final []	Date
26F1604-03 [MW-02]	WG2231845			06/22/26
26F1604-04 [DUP (water)]	WG2231845			06/22/26

Prep Method:EPA 3050B **Analytical Method:**6010D

Media :

Lab Number [Field ID]	Batch	Initial [g]	Final [ml]	Date
26F1604-01 [SED-1]	WG2231094	1.31	50	06/21/26
26F1604-02 [DUP (soil)]	WG2231094	1.302	50	06/21/26

Prep Method:EPA 3005A **Analytical Method:**6010D

Media :

Lab Number [Field ID]	Batch	Initial [ml]	Final [ml]	Date
26F1604-03 [MW-02]	WG2231632	50	50	06/22/26
26F1604-04 [DUP (water)]	WG2231632	50	50	06/22/26

Prep Method:EPA 7470A **Analytical Method:**7470A

Media :

Lab Number [Field ID]	Batch	Initial [ml]	Final [ml]	Date
26F1604-03 [MW-02]	WG2231635	25	25	06/22/26
26F1604-04 [DUP (water)]	WG2231635	25	25	06/22/26

Prep Method:EPA 7471B **Analytical Method:**7471B

Media :

Lab Number [Field ID]	Batch	Initial [g]	Final [ml]	Date
26F1604-01 [SED-1]	WG2231097	.312	50	06/21/26
26F1604-02 [DUP (soil)]	WG2231097	.359	50	06/21/26

Prep Method:NONE **Analytical Method:**9038

Media :

Lab Number [Field ID]	Batch	Initial []	Final []	Date
26F1604-01 [SED-1]	WG2231596			06/22/26
26F1604-02 [DUP (soil)]	WG2231596			06/22/26

Prep Method:NONE **Analytical Method:**9251

Media :

Lab Number [Field ID]	Batch	Initial []	Final []	Date
26F1604-01 [SED-1]	WG2231601			06/22/26
26F1604-02 [DUP (soil)]	WG2231601			06/22/26

Sample Extraction Data

Prep Method:EPA 1633 **Analytical Method:**EPA 1633A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01 [SED-1]	B430311	10.2	4.00	06/24/26
26F1604-02 [DUP (soil)]	B430311	10.0	4.00	06/24/26

**Sample Extraction Data****Prep Method:**EPA 1633 **Analytical Method:**EPA 1633A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430671	281	4.00	06/19/26
26F1604-04 [DUP (water)]	B430671	280	4.00	06/19/26

Prep Method:EPA 300.0 **Analytical Method:**EPA 300.0, Rev.2.1 (1993)

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B431106	10.0	10.0	06/26/26
26F1604-04 [DUP (water)]	B431106	10.0	10.0	06/26/26

Prep Method:EPA 300.0 **Analytical Method:**EPA 300.0, Rev.2.1 (1993)

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03RE1 [MW-02]	B431211	10.0	10.0	06/26/26
26F1604-04RE1 [DUP (water)]	B431211	10.0	10.0	06/26/26

EPA 410.4 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01 [SED-1]	B430963	1.11	100	06/25/26
26F1604-02 [DUP (soil)]	B430963	1.01	100	06/25/26

EPA 410.4, Rev.2.0 (1993)

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430937	2.00	2.00	06/25/26
26F1604-04 [DUP (water)]	B430937	2.00	2.00	06/25/26

Prep Method:NO PREP TOC **Analytical Method:**EPA 9060A

Lab Number [Field ID]	Batch	Initial [mg]	Final [mg]	Date
26F1604-01 [SED-1]	B430666	10.0	10.0	06/19/26
26F1604-02 [DUP (soil)]	B430666	10.0	10.0	06/19/26

SM 2320B-2011

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430483	100	100	06/19/26
26F1604-04 [DUP (water)]	B430483	100	100	06/19/26

SM 2540B-2020

Lab Number [Field ID]	Batch	Initial [mL]	Date
26F1604-03 [MW-02]	B430507	100	06/18/26
26F1604-04 [DUP (water)]	B430507	100	06/18/26

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Sample Extraction Data

SM 2540C-2020

Lab Number [Field ID]	Batch	Initial [mL]	Date
26F1604-03 [MW-02]	B430561	100	06/23/26
26F1604-04 [DUP (water)]	B430561	100	06/23/26

Prep Method:% Solids Analytical Method:SM 2540G

Lab Number [Field ID]	Batch	Date
26F1604-01 [SED-1]	B430545	06/18/26
26F1604-02 [DUP (soil)]	B430545	06/18/26

SM 4500-NH3 C-2021

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430645	100	100	06/19/26
26F1604-04 [DUP (water)]	B430645	100	100	06/19/26

SM 5310C-2014

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B431102	50.0	50.0	06/26/26
26F1604-04 [DUP (water)]	B431102	50.0	50.0	06/26/26

SM21-24 4500 NH3 C Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01 [SED-1]	B430643	1.14	100	06/19/26
26F1604-02 [DUP (soil)]	B430643	1.41	100	06/19/26

Prep Method:SW-846 3546 Analytical Method:SW-846 8081B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01RE1 [SED-1]	B430887	10.1	10.0	06/23/26
26F1604-01RE2 [SED-1]	B430887	10.1	10.0	06/23/26
26F1604-02RE1 [DUP (soil)]	B430887	10.2	10.0	06/23/26
26F1604-02RE2 [DUP (soil)]	B430887	10.2	10.0	06/23/26

Prep Method:SW-846 3510C Analytical Method:SW-846 8081B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430512	109	2.00	06/18/26
26F1604-03RE3 [MW-02]	B430512	109	2.00	06/18/26
26F1604-04 [DUP (water)]	B430512	105	2.00	06/18/26
26F1604-04RE3 [DUP (water)]	B430512	105	2.00	06/18/26

Prep Method:SW-846 3510C Analytical Method:SW-846 8081B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
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Sample Extraction Data

Prep Method:SW-846 3510C Analytical Method:SW-846 8081B

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03RE1 [MW-02]	B431025	97.0	2.00	06/25/26
26F1604-03RE2 [MW-02]	B431025	97.0	2.00	06/25/26
26F1604-04RE1 [DUP (water)]	B431025	92.0	2.00	06/25/26
26F1604-04RE2 [DUP (water)]	B431025	92.0	2.00	06/25/26

Prep Method:SW-846 3546 Analytical Method:SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01RE1 [SED-1]	B430886	10.1	10.0	06/23/26
26F1604-02RE1 [DUP (soil)]	B430886	10.2	10.0	06/23/26

Prep Method:SW-846 3510C Analytical Method:SW-846 8082A

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430513	109	2.00	06/18/26
26F1604-04 [DUP (water)]	B430513	105	2.00	06/18/26

Prep Method:SW-846 5035 Analytical Method:SW-846 8260D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01 [SED-1]	B430546	3.02	10.0	06/18/26
26F1604-02 [DUP (soil)]	B430546	4.41	10.0	06/18/26
26F1604-05 [Trip Blank (soil)]	B430546	5.00	10.0	06/18/26

Prep Method:SW-846 5030B Analytical Method:SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430574	5	5.00	06/18/26
26F1604-04 [DUP (water)]	B430574	5	5.00	06/18/26

Prep Method:SW-846 5030B Analytical Method:SW-846 8260D

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-06 [Trip Blank (water)]	B430787	5	5.00	06/22/26

Prep Method:SW-846 3546 Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01 [SED-1]	B430590	30.0	1.00	06/18/26
26F1604-02 [DUP (soil)]	B430590	30.3	1.00	06/18/26

Prep Method:SW-846 3546 Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01 [SED-1]	B430686	20.4	1.00	06/19/26
26F1604-02 [DUP (soil)]	B430686	20.8	1.00	06/19/26

**Sample Extraction Data****Prep Method:SW-846 3546 Analytical Method:SW-846 8270E**

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
26F1604-01RE2 [SED-1]	B431002	30.2	1.00	06/25/26

Prep Method:SW-846 3510C Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430514	104	1.00	06/18/26
26F1604-04 [DUP (water)]	B430514	106	1.00	06/18/26

Prep Method:SW-846 3510C Analytical Method:SW-846 8270E

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
26F1604-03 [MW-02]	B430647	950	1.00	06/19/26
26F1604-04 [DUP (water)]	B430647	1050	1.00	06/19/26

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Blank (B430546-BLK1)				Prepared & Analyzed: 06/18/26						
Acetone	ND	0.10	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							V-34
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							V-05
Cyclohexane	ND	0.010	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl Acetate	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methyl Cyclohexane	ND	0.0020	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430546 - SW-846 5035

Blank (B430546-BLK1)

Prepared & Analyzed: 06/18/26

n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Xylenes (total)	ND	0.0020	mg/Kg wet							

Surrogate: 1,2-Dichloroethane-d4	0.0499		mg/Kg wet	0.05000		99.7	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0499		mg/Kg wet	0.05000		99.7	70-130			
Surrogate: Toluene-d8	0.0477		mg/Kg wet	0.05000		95.5	70-130			
Surrogate: Toluene-d8	0.0477		mg/Kg wet	0.05000		95.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.0488		mg/Kg wet	0.05000		97.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0488		mg/Kg wet	0.05000		97.6	70-130			

LCS (B430546-BS1)

Prepared & Analyzed: 06/18/26

Acetone	0.175	0.10	mg/Kg wet	0.2000		87.4	70-160			†
Benzene	0.0189	0.0020	mg/Kg wet	0.02000		94.5	70-130			
Benzene	0.0189	0.0020	mg/Kg wet	0.02000		94.5	70-130			
Bromochloromethane	0.0178	0.0020	mg/Kg wet	0.02000		89.0	70-130			
Bromodichloromethane	0.0219	0.0020	mg/Kg wet	0.02000		109	70-130			
Bromoform	0.0188	0.0020	mg/Kg wet	0.02000		94.0	70-130			
Bromomethane	0.0266	0.010	mg/Kg wet	0.02000		133	* 40-130		L-02, V-20, V-34	†
2-Butanone (MEK)	0.166	0.040	mg/Kg wet	0.2000		83.2	70-160			†
n-Butylbenzene	0.0197	0.0020	mg/Kg wet	0.02000		98.6	70-130			
n-Butylbenzene	0.0197	0.0020	mg/Kg wet	0.02000		98.6	70-130			
sec-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.02000		100	70-130			
sec-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.02000		100	70-130		V-36	
tert-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.02000		101	70-160			†
tert-Butylbenzene	0.0203	0.0020	mg/Kg wet	0.02000		101	70-160			†
Carbon Disulfide	0.203	0.020	mg/Kg wet	0.2000		101	70-130			
Carbon Tetrachloride	0.0193	0.0020	mg/Kg wet	0.02000		96.7	70-130			
Chlorobenzene	0.0196	0.0020	mg/Kg wet	0.02000		97.8	70-130			
Chlorodibromomethane	0.0204	0.0010	mg/Kg wet	0.02000		102	70-130			
Chloroethane	0.0188	0.020	mg/Kg wet	0.02000		94.2	70-130			J
Chloroform	0.0208	0.0040	mg/Kg wet	0.02000		104	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
LCS (B430546-BS1)				Prepared & Analyzed: 06/18/26						
Chloromethane	0.0138	0.010	mg/Kg wet	0.02000		69.2 *	70-130			V-05, L-07
Cyclohexane	0.0163	0.010	mg/Kg wet	0.02000		81.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0180	0.0020	mg/Kg wet	0.02000		90.0	70-130			
1,2-Dibromoethane (EDB)	0.0223	0.0010	mg/Kg wet	0.02000		112	70-130			
1,2-Dichlorobenzene	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130			
1,3-Dichlorobenzene	0.0203	0.0020	mg/Kg wet	0.02000		101	70-130			
1,4-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.02000		102	70-130			
Dichlorodifluoromethane (Freon 12)	0.0156	0.020	mg/Kg wet	0.02000		77.9	40-160			V-36, J †
1,1-Dichloroethane	0.0176	0.0020	mg/Kg wet	0.02000		88.1	70-130			
1,2-Dichloroethane	0.0229	0.0020	mg/Kg wet	0.02000		115	70-130			
1,1-Dichloroethylene	0.0187	0.0040	mg/Kg wet	0.02000		93.5	70-130			
cis-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.02000		90.3	70-130			
trans-1,2-Dichloroethylene	0.0175	0.0020	mg/Kg wet	0.02000		87.4	70-130			
1,2-Dichloropropane	0.0193	0.0020	mg/Kg wet	0.02000		96.5	70-130			
cis-1,3-Dichloropropene	0.0201	0.0010	mg/Kg wet	0.02000		101	70-130			
trans-1,3-Dichloropropene	0.0202	0.0010	mg/Kg wet	0.02000		101	70-130			
Ethylbenzene	0.0206	0.0020	mg/Kg wet	0.02000		103	70-130			
Ethylbenzene	0.0206	0.0020	mg/Kg wet	0.02000		103	70-130			
2-Hexanone (MBK)	0.186	0.020	mg/Kg wet	0.2000		93.0	70-160			†
Isopropylbenzene (Cumene)	0.0211	0.0020	mg/Kg wet	0.02000		105	70-130			
Isopropylbenzene (Cumene)	0.0211	0.0020	mg/Kg wet	0.02000		105	70-130			
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.02000		99.1	70-130			
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.02000		99.1	70-130			
Methyl Acetate	0.0156	0.0020	mg/Kg wet	0.02000		77.8	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0210	0.0040	mg/Kg wet	0.02000		105	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0210	0.0040	mg/Kg wet	0.02000		105	70-130			
Methyl Cyclohexane	0.0203	0.0020	mg/Kg wet	0.02000		102	70-130			
Methylene Chloride	0.0174	0.020	mg/Kg wet	0.02000		87.0	40-160			J †
4-Methyl-2-pentanone (MIBK)	0.191	0.020	mg/Kg wet	0.2000		95.7	70-160			†
Naphthalene	0.0192	0.0040	mg/Kg wet	0.02000		95.9	40-130			†
Naphthalene	0.0192	0.0040	mg/Kg wet	0.02000		95.9	40-130			†
n-Propylbenzene	0.0207	0.0020	mg/Kg wet	0.02000		104	70-130			
n-Propylbenzene	0.0207	0.0020	mg/Kg wet	0.02000		104	70-130			
Styrene	0.0210	0.0020	mg/Kg wet	0.02000		105	70-130			
1,1,2,2-Tetrachloroethane	0.0212	0.0010	mg/Kg wet	0.02000		106	70-130			
Tetrachloroethylene	0.0220	0.0020	mg/Kg wet	0.02000		110	70-130			
Toluene	0.0207	0.0020	mg/Kg wet	0.02000		103	70-130			
Toluene	0.0207	0.0020	mg/Kg wet	0.02000		103	70-130			
1,2,3-Trichlorobenzene	0.0197	0.0020	mg/Kg wet	0.02000		98.4	70-130			
1,2,4-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.02000		94.1	70-130			
1,1,1-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.02000		105	70-130			
1,1,2-Trichloroethane	0.0206	0.0020	mg/Kg wet	0.02000		103	70-130			
Trichloroethylene	0.0214	0.0020	mg/Kg wet	0.02000		107	70-130			
Trichlorofluoromethane (Freon 11)	0.0238	0.010	mg/Kg wet	0.02000		119	70-130			V-20
1,2,3-Trichloropropane	0.0186	0.0020	mg/Kg wet	0.02000		92.9	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0204	0.010	mg/Kg wet	0.02000		102	70-130			
1,2,4-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.02000		98.4	70-130			
1,2,4-Trimethylbenzene	0.0197	0.0020	mg/Kg wet	0.02000		98.4	70-130			
1,3,5-Trimethylbenzene	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130			
1,3,5-Trimethylbenzene	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130			
Vinyl Chloride	0.0153	0.010	mg/Kg wet	0.02000		76.7	40-130			†

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
LCS (B430546-BS1)										
Prepared & Analyzed: 06/18/26										
m+p Xylene	0.0419	0.0040	mg/Kg wet	0.04000		105	70-130			
m+p Xylene	0.0419	0.0040	mg/Kg wet	0.04000		105	70-130			
o-Xylene	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130			
o-Xylene	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0491		mg/Kg wet	0.05000		98.3	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0491		mg/Kg wet	0.05000		98.3	70-130			
Surrogate: Toluene-d8	0.0496		mg/Kg wet	0.05000		99.2	70-130			
Surrogate: Toluene-d8	0.0496		mg/Kg wet	0.05000		99.2	70-130			
Surrogate: 4-Bromofluorobenzene	0.0493		mg/Kg wet	0.05000		98.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0493		mg/Kg wet	0.05000		98.6	70-130			
LCS Dup (B430546-BS1)										
Prepared & Analyzed: 06/18/26										
Acetone	0.198	0.10	mg/Kg wet	0.2000		99.0	70-160	12.5	25	†
Benzene	0.0201	0.0020	mg/Kg wet	0.02000		100	70-130	6.15	25	
Benzene	0.0201	0.0020	mg/Kg wet	0.02000		100	70-130	6.15	25	
Bromochloromethane	0.0186	0.0020	mg/Kg wet	0.02000		92.8	70-130	4.18	25	
Bromodichloromethane	0.0222	0.0020	mg/Kg wet	0.02000		111	70-130	1.45	25	
Bromoform	0.0194	0.0020	mg/Kg wet	0.02000		96.8	70-130	2.94	25	
Bromomethane	0.0283	0.010	mg/Kg wet	0.02000		141	* 40-130	6.27	25	L-02, V-20, V-34 †
2-Butanone (MEK)	0.187	0.040	mg/Kg wet	0.2000		93.6	70-160	11.7	25	†
n-Butylbenzene	0.0193	0.0020	mg/Kg wet	0.02000		96.3	70-130	2.36	25	
n-Butylbenzene	0.0193	0.0020	mg/Kg wet	0.02000		96.3	70-130	2.36	25	
sec-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.02000		98.8	70-130	1.31	25	V-36
sec-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.02000		98.8	70-130	1.31	25	
tert-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.02000		100	70-160	1.39	25	†
tert-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.02000		100	70-160	1.39	25	†
Carbon Disulfide	0.211	0.020	mg/Kg wet	0.2000		106	70-130	4.00	25	
Carbon Tetrachloride	0.0206	0.0020	mg/Kg wet	0.02000		103	70-130	6.50	25	
Chlorobenzene	0.0204	0.0020	mg/Kg wet	0.02000		102	70-130	4.20	25	
Chlorodibromomethane	0.0208	0.0010	mg/Kg wet	0.02000		104	70-130	1.85	25	
Chloroethane	0.0182	0.020	mg/Kg wet	0.02000		90.9	70-130	3.57	25	J
Chloroform	0.0218	0.0040	mg/Kg wet	0.02000		109	70-130	4.98	25	
Chloromethane	0.0146	0.010	mg/Kg wet	0.02000		72.8	70-130	5.07	25	V-05
Cyclohexane	0.0168	0.010	mg/Kg wet	0.02000		84.0	70-130	2.78	25	
1,2-Dibromo-3-chloropropane (DBCP)	0.0195	0.0020	mg/Kg wet	0.02000		97.4	70-130	7.90	25	
1,2-Dibromoethane (EDB)	0.0226	0.0010	mg/Kg wet	0.02000		113	70-130	1.33	25	
1,2-Dichlorobenzene	0.0211	0.0020	mg/Kg wet	0.02000		105	70-130	1.24	25	
1,3-Dichlorobenzene	0.0205	0.0020	mg/Kg wet	0.02000		102	70-130	1.18	25	
1,4-Dichlorobenzene	0.0203	0.0020	mg/Kg wet	0.02000		102	70-130	0.588	25	
Dichlorodifluoromethane (Freon 12)	0.0161	0.020	mg/Kg wet	0.02000		80.5	40-160	3.28	25	V-36, J †
1,1-Dichloroethane	0.0188	0.0020	mg/Kg wet	0.02000		94.1	70-130	6.59	25	
1,2-Dichloroethane	0.0226	0.0020	mg/Kg wet	0.02000		113	70-130	1.32	25	
1,1-Dichloroethylene	0.0185	0.0040	mg/Kg wet	0.02000		92.7	70-130	0.859	25	
cis-1,2-Dichloroethylene	0.0193	0.0020	mg/Kg wet	0.02000		96.3	70-130	6.43	25	
trans-1,2-Dichloroethylene	0.0181	0.0020	mg/Kg wet	0.02000		90.4	70-130	3.37	25	
1,2-Dichloropropane	0.0193	0.0020	mg/Kg wet	0.02000		96.4	70-130	0.104	25	
cis-1,3-Dichloropropene	0.0196	0.0010	mg/Kg wet	0.02000		98.1	70-130	2.62	25	
trans-1,3-Dichloropropene	0.0203	0.0010	mg/Kg wet	0.02000		102	70-130	0.790	25	
Ethylbenzene	0.0206	0.0020	mg/Kg wet	0.02000		103	70-130	0.0970	25	
Ethylbenzene	0.0206	0.0020	mg/Kg wet	0.02000		103	70-130	0.0970	25	
2-Hexanone (MBK)	0.195	0.020	mg/Kg wet	0.2000		97.6	70-160	4.84	25	†
Isopropylbenzene (Cumene)	0.0210	0.0020	mg/Kg wet	0.02000		105	70-130	0.476	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
LCS Dup (B430546-BS1)				Prepared & Analyzed: 06/18/26						
Isopropylbenzene (Cumene)	0.0210	0.0020	mg/Kg wet	0.02000		105	70-130	0.476	25	
p-Isopropyltoluene (p-Cymene)	0.0196	0.0020	mg/Kg wet	0.02000		98.1	70-130	1.01	25	
p-Isopropyltoluene (p-Cymene)	0.0196	0.0020	mg/Kg wet	0.02000		98.1	70-130	1.01	25	
Methyl Acetate	0.0189	0.0020	mg/Kg wet	0.02000		94.4	70-130	19.3	25	
Methyl tert-Butyl Ether (MTBE)	0.0228	0.0040	mg/Kg wet	0.02000		114	70-130	8.13	25	
Methyl tert-Butyl Ether (MTBE)	0.0228	0.0040	mg/Kg wet	0.02000		114	70-130	8.13	25	
Methyl Cyclohexane	0.0194	0.0020	mg/Kg wet	0.02000		96.9	70-130	4.64	25	
Methylene Chloride	0.0186	0.020	mg/Kg wet	0.02000		92.9	40-160	6.56	25	J †
4-Methyl-2-pentanone (MIBK)	0.198	0.020	mg/Kg wet	0.2000		99.2	70-160	3.52	25	†
Naphthalene	0.0203	0.0040	mg/Kg wet	0.02000		101	40-130	5.48	25	†
Naphthalene	0.0203	0.0040	mg/Kg wet	0.02000		101	40-130	5.48	25	†
n-Propylbenzene	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130	0.289	25	
n-Propylbenzene	0.0208	0.0020	mg/Kg wet	0.02000		104	70-130	0.289	25	
Styrene	0.0211	0.0020	mg/Kg wet	0.02000		105	70-130	0.476	25	
1,1,2,2-Tetrachloroethane	0.0226	0.0010	mg/Kg wet	0.02000		113	70-130	6.21	25	
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.02000		107	70-130	3.23	25	
Toluene	0.0200	0.0020	mg/Kg wet	0.02000		100	70-130	3.24	25	
Toluene	0.0200	0.0020	mg/Kg wet	0.02000		100	70-130	3.24	25	
1,2,3-Trichlorobenzene	0.0199	0.0020	mg/Kg wet	0.02000		99.5	70-130	1.11	25	
1,2,4-Trichlorobenzene	0.0189	0.0020	mg/Kg wet	0.02000		94.3	70-130	0.212	25	
1,1,1-Trichloroethane	0.0224	0.0020	mg/Kg wet	0.02000		112	70-130	6.65	25	
1,1,2-Trichloroethane	0.0209	0.0020	mg/Kg wet	0.02000		104	70-130	1.16	25	
Trichloroethylene	0.0204	0.0020	mg/Kg wet	0.02000		102	70-130	4.87	25	
Trichlorofluoromethane (Freon 11)	0.0243	0.010	mg/Kg wet	0.02000		122	70-130	2.33	25	V-20
1,2,3-Trichloropropane	0.0199	0.0020	mg/Kg wet	0.02000		99.5	70-130	6.86	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0208	0.010	mg/Kg wet	0.02000		104	70-130	1.94	25	
1,2,4-Trimethylbenzene	0.0195	0.0020	mg/Kg wet	0.02000		97.4	70-130	1.02	25	
1,2,4-Trimethylbenzene	0.0195	0.0020	mg/Kg wet	0.02000		97.4	70-130	1.02	25	
1,3,5-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.02000		103	70-130	0.579	25	
1,3,5-Trimethylbenzene	0.0207	0.0020	mg/Kg wet	0.02000		103	70-130	0.579	25	
Vinyl Chloride	0.0164	0.010	mg/Kg wet	0.02000		82.1	40-130	6.80	25	†
m+p Xylene	0.0423	0.0040	mg/Kg wet	0.04000		106	70-130	1.05	25	
m+p Xylene	0.0423	0.0040	mg/Kg wet	0.04000		106	70-130	1.05	25	
o-Xylene	0.0210	0.0020	mg/Kg wet	0.02000		105	70-130	0.860	25	
o-Xylene	0.0210	0.0020	mg/Kg wet	0.02000		105	70-130	0.860	25	
Surrogate: 1,2-Dichloroethane-d4	0.0529		mg/Kg wet	0.05000		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0529		mg/Kg wet	0.05000		106	70-130			
Surrogate: Toluene-d8	0.0490		mg/Kg wet	0.05000		97.9	70-130			
Surrogate: Toluene-d8	0.0490		mg/Kg wet	0.05000		97.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.0502		mg/Kg wet	0.05000		100	70-130			
Surrogate: 4-Bromofluorobenzene	0.0502		mg/Kg wet	0.05000		100	70-130			
Matrix Spike (B430546-MS1)				Source: 26F1604-01		Prepared & Analyzed: 06/18/26				
Acetone	0.710	0.49	mg/Kg dry	0.9759	0.0779	64.8 *	70-130			MS-07A
Benzene	0.0887	0.0098	mg/Kg dry	0.09759	ND	90.9	70-130			
Benzene	0.0887	0.0098	mg/Kg dry	0.09759	ND	90.9	70-130			
Benzene	0.0887	0.0098	mg/Kg dry	0.09759	ND	90.9	70-130			
Benzene	0.0887	0.0098	mg/Kg dry	0.09759	ND	90.9	70-130			
Bromochloromethane	0.0808	0.0098	mg/Kg dry	0.09759	ND	82.8	70-130			
Bromodichloromethane	0.0963	0.0098	mg/Kg dry	0.09759	ND	98.7	70-130			
Bromoform	0.0804	0.0098	mg/Kg dry	0.09759	ND	82.4	70-130			
Bromomethane	0.0775	0.049	mg/Kg dry	0.09759	ND	79.4	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike (B430546-MS1)	Source: 26F1604-01			Prepared & Analyzed: 06/18/26						
2-Butanone (MEK)	0.688	0.20	mg/Kg dry	0.9759	ND	70.5	70-130			
n-Butylbenzene	0.0923	0.0098	mg/Kg dry	0.09759	ND	94.6	70-130			
n-Butylbenzene	0.0923	0.0098	mg/Kg dry	0.09759	ND	94.6	70-130			
n-Butylbenzene	0.0923	0.0098	mg/Kg dry	0.09759	ND	94.6	70-130			
n-Butylbenzene	0.0923	0.0098	mg/Kg dry	0.09759	ND	94.6	70-130			
sec-Butylbenzene	0.103	0.0098	mg/Kg dry	0.09759	ND	106	70-130			V-36
sec-Butylbenzene	0.103	0.0098	mg/Kg dry	0.09759	ND	106	70-130			V-36
sec-Butylbenzene	0.103	0.0098	mg/Kg dry	0.09759	ND	106	70-130			
sec-Butylbenzene	0.103	0.0098	mg/Kg dry	0.09759	ND	106	70-130			
tert-Butylbenzene	0.0918	0.0098	mg/Kg dry	0.09759	ND	94.1	70-130			
tert-Butylbenzene	0.0918	0.0098	mg/Kg dry	0.09759	ND	94.1	70-130			
tert-Butylbenzene	0.0918	0.0098	mg/Kg dry	0.09759	ND	94.1	70-130			
tert-Butylbenzene	0.0918	0.0098	mg/Kg dry	0.09759	ND	94.1	70-130			
Carbon Disulfide	0.0772	0.098	mg/Kg dry	0.09759	ND	79.1	70-130			J
Carbon Tetrachloride	0.0918	0.0098	mg/Kg dry	0.09759	ND	94.1	70-130			
Chlorobenzene	0.0892	0.0098	mg/Kg dry	0.09759	ND	91.4	70-130			
Chlorodibromomethane	0.0857	0.0049	mg/Kg dry	0.09759	ND	87.8	70-130			
Chloroethane	0.0800	0.098	mg/Kg dry	0.09759	ND	82.0	70-130			J
Chloroform	0.0960	0.020	mg/Kg dry	0.09759	ND	98.4	70-130			
Chloromethane	0.0498	0.049	mg/Kg dry	0.09759	ND	51.0	* 70-130			MS-07A2, V-05
Cyclohexane	0.0739	0.049	mg/Kg dry	0.09759	ND	75.7	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0778	0.0098	mg/Kg dry	0.09759	ND	79.7	70-130			
1,2-Dibromoethane (EDB)	0.0960	0.0049	mg/Kg dry	0.09759	ND	98.4	70-130			
1,2-Dichlorobenzene	0.0950	0.0098	mg/Kg dry	0.09759	ND	97.3	70-130			
1,3-Dichlorobenzene	0.0942	0.0098	mg/Kg dry	0.09759	ND	96.5	70-130			
1,4-Dichlorobenzene	0.0945	0.0098	mg/Kg dry	0.09759	ND	96.8	70-130			
Dichlorodifluoromethane (Freon 12)	0.0745	0.098	mg/Kg dry	0.09759	ND	76.3	70-130			V-36, J
1,1-Dichloroethane	0.0839	0.0098	mg/Kg dry	0.09759	ND	86.0	70-130			
1,2-Dichloroethane	0.0973	0.0098	mg/Kg dry	0.09759	ND	99.7	70-130			
1,1-Dichloroethylene	0.0863	0.020	mg/Kg dry	0.09759	ND	88.4	70-130			
cis-1,2-Dichloroethylene	0.0829	0.0098	mg/Kg dry	0.09759	ND	84.9	70-130			
trans-1,2-Dichloroethylene	0.0761	0.0098	mg/Kg dry	0.09759	ND	78.0	70-130			
1,2-Dichloropropane	0.0833	0.0098	mg/Kg dry	0.09759	ND	85.4	70-130			
cis-1,3-Dichloropropene	0.0820	0.0049	mg/Kg dry	0.09759	ND	84.0	70-130			
trans-1,3-Dichloropropene	0.0909	0.0049	mg/Kg dry	0.09759	ND	93.1	70-130			
Ethylbenzene	0.0942	0.0098	mg/Kg dry	0.09759	ND	96.5	70-130			
Ethylbenzene	0.0942	0.0098	mg/Kg dry	0.09759	ND	96.5	70-130			
Ethylbenzene	0.0942	0.0098	mg/Kg dry	0.09759	ND	96.5	70-130			
Ethylbenzene	0.0942	0.0098	mg/Kg dry	0.09759	ND	96.5	70-130			
2-Hexanone (MBK)	0.750	0.098	mg/Kg dry	0.9759	ND	76.9	70-130			
Isopropylbenzene (Cumene)	0.0966	0.0098	mg/Kg dry	0.09759	ND	99.0	70-130			
Isopropylbenzene (Cumene)	0.0966	0.0098	mg/Kg dry	0.09759	ND	99.0	70-130			
Isopropylbenzene (Cumene)	0.0966	0.0098	mg/Kg dry	0.09759	ND	99.0	70-130			
Isopropylbenzene (Cumene)	0.0966	0.0098	mg/Kg dry	0.09759	ND	99.0	70-130			
p-Isopropyltoluene (p-Cymene)	0.0947	0.0098	mg/Kg dry	0.09759	ND	97.0	70-130			
p-Isopropyltoluene (p-Cymene)	0.0947	0.0098	mg/Kg dry	0.09759	ND	97.0	70-130			
p-Isopropyltoluene (p-Cymene)	0.0947	0.0098	mg/Kg dry	0.09759	ND	97.0	70-130			
p-Isopropyltoluene (p-Cymene)	0.0947	0.0098	mg/Kg dry	0.09759	ND	97.0	70-130			
Methyl Acetate	0.0870	0.0098	mg/Kg dry	0.09759	ND	89.1	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0972	0.020	mg/Kg dry	0.09759	ND	99.6	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0972	0.020	mg/Kg dry	0.09759	ND	99.6	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0972	0.020	mg/Kg dry	0.09759	ND	99.6	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike (B430546-MS1)	Source: 26F1604-01			Prepared & Analyzed: 06/18/26						
Methyl tert-Butyl Ether (MTBE)	0.0972	0.020	mg/Kg dry	0.09759	ND	99.6	70-130			
Methyl Cyclohexane	0.0911	0.0098	mg/Kg dry	0.09759	ND	93.3	70-130			
Methylene Chloride	0.0754	0.098	mg/Kg dry	0.09759	ND	77.3	70-130			J
4-Methyl-2-pentanone (MIBK)	0.755	0.098	mg/Kg dry	0.9759	ND	77.4	70-130			
Naphthalene	0.0833	0.020	mg/Kg dry	0.09759	ND	85.4	70-130			
Naphthalene	0.0833	0.020	mg/Kg dry	0.09759	ND	85.4	70-130			
Naphthalene	0.0833	0.020	mg/Kg dry	0.09759	ND	85.4	70-130			
Naphthalene	0.0833	0.020	mg/Kg dry	0.09759	ND	85.4	70-130			
n-Propylbenzene	0.0953	0.0098	mg/Kg dry	0.09759	ND	97.7	70-130			
n-Propylbenzene	0.0953	0.0098	mg/Kg dry	0.09759	ND	97.7	70-130			
n-Propylbenzene	0.0953	0.0098	mg/Kg dry	0.09759	ND	97.7	70-130			
n-Propylbenzene	0.0953	0.0098	mg/Kg dry	0.09759	ND	97.7	70-130			
Styrene	0.0924	0.0098	mg/Kg dry	0.09759	ND	94.7	70-130			
1,1,2,2-Tetrachloroethane	0.100	0.0049	mg/Kg dry	0.09759	ND	103	70-130			
Tetrachloroethylene	0.0995	0.0098	mg/Kg dry	0.09759	ND	102	70-130			
Toluene	0.0896	0.0098	mg/Kg dry	0.09759	ND	91.8	70-130			
Toluene	0.0896	0.0098	mg/Kg dry	0.09759	ND	91.8	70-130			
Toluene	0.0896	0.0098	mg/Kg dry	0.09759	ND	91.8	70-130			
Toluene	0.0896	0.0098	mg/Kg dry	0.09759	ND	91.8	70-130			
1,2,3-Trichlorobenzene	0.0914	0.0098	mg/Kg dry	0.09759	ND	93.7	70-130			
1,2,4-Trichlorobenzene	0.0895	0.0098	mg/Kg dry	0.09759	ND	91.7	70-130			
1,1,1-Trichloroethane	0.0980	0.0098	mg/Kg dry	0.09759	ND	100	70-130			
1,1,2-Trichloroethane	0.0932	0.0098	mg/Kg dry	0.09759	ND	95.5	70-130			
Trichloroethylene	0.0909	0.0098	mg/Kg dry	0.09759	ND	93.1	70-130			
Trichlorofluoromethane (Freon 11)	0.107	0.049	mg/Kg dry	0.09759	ND	110	70-130			V-20
1,2,3-Trichloropropane	0.0787	0.0098	mg/Kg dry	0.09759	ND	80.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.113	0.049	mg/Kg dry	0.09759	ND	116	70-130			
1,2,4-Trimethylbenzene	0.0874	0.0098	mg/Kg dry	0.09759	ND	89.6	70-130			
1,2,4-Trimethylbenzene	0.0874	0.0098	mg/Kg dry	0.09759	ND	89.6	70-130			
1,2,4-Trimethylbenzene	0.0874	0.0098	mg/Kg dry	0.09759	ND	89.6	70-130			
1,2,4-Trimethylbenzene	0.0874	0.0098	mg/Kg dry	0.09759	ND	89.6	70-130			
1,3,5-Trimethylbenzene	0.0940	0.0098	mg/Kg dry	0.09759	ND	96.3	70-130			
1,3,5-Trimethylbenzene	0.0940	0.0098	mg/Kg dry	0.09759	ND	96.3	70-130			
1,3,5-Trimethylbenzene	0.0940	0.0098	mg/Kg dry	0.09759	ND	96.3	70-130			
1,3,5-Trimethylbenzene	0.0940	0.0098	mg/Kg dry	0.09759	ND	96.3	70-130			
Vinyl Chloride	0.0713	0.049	mg/Kg dry	0.09759	ND	73.1	70-130			
m+p Xylene	0.189	0.020	mg/Kg dry	0.1952	ND	96.7	70-130			
m+p Xylene	0.189	0.020	mg/Kg dry	0.1952	ND	96.7	70-130			
m+p Xylene	0.189	0.020	mg/Kg dry	0.1952	ND	96.7	70-130			
m+p Xylene	0.189	0.020	mg/Kg dry	0.1952	ND	96.7	70-130			
o-Xylene	0.0938	0.0098	mg/Kg dry	0.09759	ND	96.1	70-130			
o-Xylene	0.0938	0.0098	mg/Kg dry	0.09759	ND	96.1	70-130			
o-Xylene	0.0938	0.0098	mg/Kg dry	0.09759	ND	96.1	70-130			
o-Xylene	0.0938	0.0098	mg/Kg dry	0.09759	ND	96.1	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.259		mg/Kg dry	0.2440		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.259		mg/Kg dry	0.2440		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.259		mg/Kg dry	0.2440		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.259		mg/Kg dry	0.2440		106	70-130			
Surrogate: Toluene-d8	0.237		mg/Kg dry	0.2440		97.1	70-130			
Surrogate: Toluene-d8	0.237		mg/Kg dry	0.2440		97.1	70-130			
Surrogate: Toluene-d8	0.237		mg/Kg dry	0.2440		97.1	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike (B430546-MS1)	Source: 26F1604-01			Prepared & Analyzed: 06/18/26						
Surrogate: Toluene-d8	0.237		mg/Kg dry	0.2440		97.1	70-130			
Surrogate: 4-Bromofluorobenzene	0.243		mg/Kg dry	0.2440		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.243		mg/Kg dry	0.2440		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.243		mg/Kg dry	0.2440		99.5	70-130			
Surrogate: 4-Bromofluorobenzene	0.243		mg/Kg dry	0.2440		99.5	70-130			
Matrix Spike (B430546-MS2)	Source: 26F1604-02			Prepared & Analyzed: 06/18/26						
Acetone	1.11	0.62	mg/Kg dry	1.230	0.145	78.2	70-130			
Benzene	0.113	0.012	mg/Kg dry	0.1230	ND	92.1	70-130			
Benzene	0.113	0.012	mg/Kg dry	0.1230	ND	92.1	70-130			
Benzene	0.113	0.012	mg/Kg dry	0.1230	ND	92.1	70-130			
Benzene	0.113	0.012	mg/Kg dry	0.1230	ND	92.1	70-130			
Bromochloromethane	0.101	0.012	mg/Kg dry	0.1230	ND	82.3	70-130			
Bromodichloromethane	0.132	0.012	mg/Kg dry	0.1230	ND	107	70-130			
Bromoform	0.113	0.012	mg/Kg dry	0.1230	ND	91.9	70-130			
Bromomethane	0.102	0.062	mg/Kg dry	0.1230	ND	83.1	70-130			V-20, V-34
2-Butanone (MEK)	0.971	0.25	mg/Kg dry	1.230	ND	79.0	70-130			
n-Butylbenzene	0.125	0.012	mg/Kg dry	0.1230	ND	102	70-130			
n-Butylbenzene	0.125	0.012	mg/Kg dry	0.1230	ND	102	70-130			
n-Butylbenzene	0.125	0.012	mg/Kg dry	0.1230	ND	102	70-130			
n-Butylbenzene	0.125	0.012	mg/Kg dry	0.1230	ND	102	70-130			
sec-Butylbenzene	0.139	0.012	mg/Kg dry	0.1230	ND	113	70-130			V-36
sec-Butylbenzene	0.139	0.012	mg/Kg dry	0.1230	ND	113	70-130			V-36
sec-Butylbenzene	0.139	0.012	mg/Kg dry	0.1230	ND	113	70-130			
sec-Butylbenzene	0.139	0.012	mg/Kg dry	0.1230	ND	113	70-130			
tert-Butylbenzene	0.122	0.012	mg/Kg dry	0.1230	ND	99.3	70-130			
tert-Butylbenzene	0.122	0.012	mg/Kg dry	0.1230	ND	99.3	70-130			
tert-Butylbenzene	0.122	0.012	mg/Kg dry	0.1230	ND	99.3	70-130			
tert-Butylbenzene	0.122	0.012	mg/Kg dry	0.1230	ND	99.3	70-130			
Carbon Disulfide	0.0982	0.12	mg/Kg dry	0.1230	ND	79.8	70-130			J
Carbon Tetrachloride	0.117	0.012	mg/Kg dry	0.1230	ND	95.2	70-130			
Chlorobenzene	0.125	0.012	mg/Kg dry	0.1230	ND	101	70-130			
Chlorodibromomethane	0.119	0.0062	mg/Kg dry	0.1230	ND	96.4	70-130			
Chloroethane	0.104	0.12	mg/Kg dry	0.1230	ND	84.4	70-130			J
Chloroform	0.122	0.025	mg/Kg dry	0.1230	ND	99.3	70-130			
Chloromethane	0.0626	0.062	mg/Kg dry	0.1230	ND	50.9	70-130			V-05, MS-07A2
Cyclohexane	0.0946	0.062	mg/Kg dry	0.1230	ND	76.9	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.109	0.012	mg/Kg dry	0.1230	ND	88.7	70-130			
1,2-Dibromoethane (EDB)	0.133	0.0062	mg/Kg dry	0.1230	ND	108	70-130			
1,2-Dichlorobenzene	0.128	0.012	mg/Kg dry	0.1230	ND	104	70-130			
1,3-Dichlorobenzene	0.129	0.012	mg/Kg dry	0.1230	ND	105	70-130			
1,4-Dichlorobenzene	0.128	0.012	mg/Kg dry	0.1230	ND	104	70-130			
Dichlorodifluoromethane (Freon 12)	0.0882	0.12	mg/Kg dry	0.1230	ND	71.7	70-130			V-36, J
1,1-Dichloroethane	0.108	0.012	mg/Kg dry	0.1230	ND	87.4	70-130			
1,2-Dichloroethane	0.130	0.012	mg/Kg dry	0.1230	ND	106	70-130			
1,1-Dichloroethylene	0.114	0.025	mg/Kg dry	0.1230	ND	92.4	70-130			
cis-1,2-Dichloroethylene	0.107	0.012	mg/Kg dry	0.1230	ND	87.3	70-130			
trans-1,2-Dichloroethylene	0.0984	0.012	mg/Kg dry	0.1230	ND	80.0	70-130			
1,2-Dichloropropane	0.112	0.012	mg/Kg dry	0.1230	ND	91.1	70-130			
cis-1,3-Dichloropropene	0.111	0.0062	mg/Kg dry	0.1230	ND	90.2	70-130			
trans-1,3-Dichloropropene	0.123	0.0062	mg/Kg dry	0.1230	ND	100	70-130			
Ethylbenzene	0.127	0.012	mg/Kg dry	0.1230	ND	103	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike (B430546-MS2)	Source: 26F1604-02			Prepared & Analyzed: 06/18/26						
Ethylbenzene	0.127	0.012	mg/Kg dry	0.1230	ND	103	70-130			
Ethylbenzene	0.127	0.012	mg/Kg dry	0.1230	ND	103	70-130			
Ethylbenzene	0.127	0.012	mg/Kg dry	0.1230	ND	103	70-130			
2-Hexanone (MBK)	1.08	0.12	mg/Kg dry	1.230	ND	87.9	70-130			
Isopropylbenzene (Cumene)	0.133	0.012	mg/Kg dry	0.1230	ND	108	70-130			
Isopropylbenzene (Cumene)	0.133	0.012	mg/Kg dry	0.1230	ND	108	70-130			
Isopropylbenzene (Cumene)	0.133	0.012	mg/Kg dry	0.1230	ND	108	70-130			
Isopropylbenzene (Cumene)	0.133	0.012	mg/Kg dry	0.1230	ND	108	70-130			
p-Isopropyltoluene (p-Cymene)	0.129	0.012	mg/Kg dry	0.1230	ND	105	70-130			
p-Isopropyltoluene (p-Cymene)	0.129	0.012	mg/Kg dry	0.1230	ND	105	70-130			
p-Isopropyltoluene (p-Cymene)	0.129	0.012	mg/Kg dry	0.1230	ND	105	70-130			
p-Isopropyltoluene (p-Cymene)	0.129	0.012	mg/Kg dry	0.1230	ND	105	70-130			
Methyl Acetate	0.116	0.012	mg/Kg dry	0.1230	ND	94.1	70-130			
Methyl tert-Butyl Ether (MTBE)	0.125	0.025	mg/Kg dry	0.1230	ND	102	70-130			
Methyl tert-Butyl Ether (MTBE)	0.125	0.025	mg/Kg dry	0.1230	ND	102	70-130			
Methyl tert-Butyl Ether (MTBE)	0.125	0.025	mg/Kg dry	0.1230	ND	102	70-130			
Methyl tert-Butyl Ether (MTBE)	0.125	0.025	mg/Kg dry	0.1230	ND	102	70-130			
Methyl Cyclohexane	0.120	0.012	mg/Kg dry	0.1230	ND	97.9	70-130			
Methylene Chloride	0.0994	0.12	mg/Kg dry	0.1230	ND	80.8	70-130			J
4-Methyl-2-pentanone (MIBK)	1.09	0.12	mg/Kg dry	1.230	ND	88.4	70-130			
Naphthalene	0.117	0.025	mg/Kg dry	0.1230	ND	94.9	70-130			
Naphthalene	0.117	0.025	mg/Kg dry	0.1230	ND	94.9	70-130			
Naphthalene	0.117	0.025	mg/Kg dry	0.1230	ND	94.9	70-130			
Naphthalene	0.117	0.025	mg/Kg dry	0.1230	ND	94.9	70-130			
n-Propylbenzene	0.132	0.012	mg/Kg dry	0.1230	ND	107	70-130			
n-Propylbenzene	0.132	0.012	mg/Kg dry	0.1230	ND	107	70-130			
n-Propylbenzene	0.132	0.012	mg/Kg dry	0.1230	ND	107	70-130			
n-Propylbenzene	0.132	0.012	mg/Kg dry	0.1230	ND	107	70-130			
Styrene	0.127	0.012	mg/Kg dry	0.1230	ND	103	70-130			
1,1,2,2-Tetrachloroethane	0.145	0.0062	mg/Kg dry	0.1230	ND	118	70-130			
Tetrachloroethylene	0.131	0.012	mg/Kg dry	0.1230	ND	107	70-130			
Toluene	0.120	0.012	mg/Kg dry	0.1230	ND	97.7	70-130			
Toluene	0.120	0.012	mg/Kg dry	0.1230	ND	97.7	70-130			
Toluene	0.120	0.012	mg/Kg dry	0.1230	ND	97.7	70-130			
Toluene	0.120	0.012	mg/Kg dry	0.1230	ND	97.7	70-130			
1,2,3-Trichlorobenzene	0.127	0.012	mg/Kg dry	0.1230	ND	103	70-130			
1,2,4-Trichlorobenzene	0.125	0.012	mg/Kg dry	0.1230	ND	102	70-130			
1,1,1-Trichloroethane	0.127	0.012	mg/Kg dry	0.1230	ND	103	70-130			
1,1,2-Trichloroethane	0.129	0.012	mg/Kg dry	0.1230	ND	105	70-130			
Trichloroethylene	0.125	0.012	mg/Kg dry	0.1230	ND	102	70-130			
Trichlorofluoromethane (Freon 11)	0.137	0.062	mg/Kg dry	0.1230	ND	111	70-130			V-20
1,2,3-Trichloropropane	0.111	0.012	mg/Kg dry	0.1230	ND	90.0	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.151	0.062	mg/Kg dry	0.1230	ND	122	70-130			
1,2,4-Trimethylbenzene	0.115	0.012	mg/Kg dry	0.1230	ND	93.6	70-130			
1,2,4-Trimethylbenzene	0.115	0.012	mg/Kg dry	0.1230	ND	93.6	70-130			
1,2,4-Trimethylbenzene	0.115	0.012	mg/Kg dry	0.1230	ND	93.6	70-130			
1,2,4-Trimethylbenzene	0.115	0.012	mg/Kg dry	0.1230	ND	93.6	70-130			
1,3,5-Trimethylbenzene	0.128	0.012	mg/Kg dry	0.1230	ND	104	70-130			
1,3,5-Trimethylbenzene	0.128	0.012	mg/Kg dry	0.1230	ND	104	70-130			
1,3,5-Trimethylbenzene	0.128	0.012	mg/Kg dry	0.1230	ND	104	70-130			
1,3,5-Trimethylbenzene	0.128	0.012	mg/Kg dry	0.1230	ND	104	70-130			

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike (B430546-MS2)	Source: 26F1604-02			Prepared & Analyzed: 06/18/26						
Vinyl Chloride	0.0882	0.062	mg/Kg dry	0.1230	ND	71.7	70-130			
m+p Xylene	0.256	0.025	mg/Kg dry	0.2460	ND	104	70-130			
m+p Xylene	0.256	0.025	mg/Kg dry	0.2460	ND	104	70-130			
m+p Xylene	0.256	0.025	mg/Kg dry	0.2460	ND	104	70-130			
m+p Xylene	0.256	0.025	mg/Kg dry	0.2460	ND	104	70-130			
o-Xylene	0.126	0.012	mg/Kg dry	0.1230	ND	102	70-130			
o-Xylene	0.126	0.012	mg/Kg dry	0.1230	ND	102	70-130			
o-Xylene	0.126	0.012	mg/Kg dry	0.1230	ND	102	70-130			
o-Xylene	0.126	0.012	mg/Kg dry	0.1230	ND	102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.319		mg/Kg dry	0.3075		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.319		mg/Kg dry	0.3075		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.319		mg/Kg dry	0.3075		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.319		mg/Kg dry	0.3075		104	70-130			
Surrogate: Toluene-d8	0.309		mg/Kg dry	0.3075		101	70-130			
Surrogate: Toluene-d8	0.309		mg/Kg dry	0.3075		101	70-130			
Surrogate: Toluene-d8	0.309		mg/Kg dry	0.3075		101	70-130			
Surrogate: Toluene-d8	0.309		mg/Kg dry	0.3075		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.313		mg/Kg dry	0.3075		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.313		mg/Kg dry	0.3075		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.313		mg/Kg dry	0.3075		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.313		mg/Kg dry	0.3075		102	70-130			
Matrix Spike Dup (B430546-MSD1)	Source: 26F1604-01			Prepared & Analyzed: 06/18/26						
Acetone	0.625	0.44	mg/Kg dry	0.8742	0.0779	62.6 *	70-130	12.7	30	MS-07A
Benzene	0.0755	0.0087	mg/Kg dry	0.08742	ND	86.4	70-130	16.0	30	
Benzene	0.0755	0.0087	mg/Kg dry	0.08742	ND	86.4	70-130	16.0	30	
Benzene	0.0755	0.0087	mg/Kg dry	0.08742	ND	86.4	70-130	16.0	20	
Benzene	0.0755	0.0087	mg/Kg dry	0.08742	ND	86.4	70-130	16.0	20	
Bromochloromethane	0.0687	0.0087	mg/Kg dry	0.08742	ND	78.6	70-130	16.2	30	
Bromodichloromethane	0.0886	0.0087	mg/Kg dry	0.08742	ND	101	70-130	8.40	30	
Bromoform	0.0724	0.0087	mg/Kg dry	0.08742	ND	82.8	70-130	10.5	30	
Bromomethane	0.0759	0.044	mg/Kg dry	0.08742	ND	86.8	70-130	2.09	30	V-20, V-34
2-Butanone (MEK)	0.573	0.17	mg/Kg dry	0.8742	ND	65.5 *	70-130	18.3	30	MS-24
n-Butylbenzene	0.0845	0.0087	mg/Kg dry	0.08742	ND	96.6	70-130	8.90	30	
n-Butylbenzene	0.0845	0.0087	mg/Kg dry	0.08742	ND	96.6	70-130	8.90	30	
n-Butylbenzene	0.0845	0.0087	mg/Kg dry	0.08742	ND	96.6	70-130	8.90	30	
n-Butylbenzene	0.0845	0.0087	mg/Kg dry	0.08742	ND	96.6	70-130	8.90	30	
sec-Butylbenzene	0.0941	0.0087	mg/Kg dry	0.08742	ND	108	70-130	9.40	20	
sec-Butylbenzene	0.0941	0.0087	mg/Kg dry	0.08742	ND	108	70-130	9.40	20	
sec-Butylbenzene	0.0941	0.0087	mg/Kg dry	0.08742	ND	108	70-130	9.40	30	V-36
sec-Butylbenzene	0.0941	0.0087	mg/Kg dry	0.08742	ND	108	70-130	9.40	30	V-36
tert-Butylbenzene	0.0843	0.0087	mg/Kg dry	0.08742	ND	96.4	70-130	8.58	20	
tert-Butylbenzene	0.0843	0.0087	mg/Kg dry	0.08742	ND	96.4	70-130	8.58	20	
tert-Butylbenzene	0.0843	0.0087	mg/Kg dry	0.08742	ND	96.4	70-130	8.58	30	
tert-Butylbenzene	0.0843	0.0087	mg/Kg dry	0.08742	ND	96.4	70-130	8.58	30	
Carbon Disulfide	0.0651	0.087	mg/Kg dry	0.08742	ND	74.5	70-130	17.0	30	J
Carbon Tetrachloride	0.0787	0.0087	mg/Kg dry	0.08742	ND	90.0	70-130	15.4	30	
Chlorobenzene	0.0807	0.0087	mg/Kg dry	0.08742	ND	92.3	70-130	10.0	30	
Chlorodibromomethane	0.0784	0.0044	mg/Kg dry	0.08742	ND	89.7	70-130	8.85	30	
Chloroethane	0.0820	0.087	mg/Kg dry	0.08742	ND	93.8	70-130	2.44	30	J
Chloroform	0.0810	0.017	mg/Kg dry	0.08742	ND	92.6	70-130	17.0	30	
Chloromethane	0.0435	0.044	mg/Kg dry	0.08742	ND	49.7 *	70-130	13.6	30	MS-07A2, V-05, J

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike Dup (B430546-MSD1)	Source: 26F1604-01			Prepared & Analyzed: 06/18/26						
Cyclohexane	0.0637	0.044	mg/Kg dry	0.08742	ND	72.9	70-130	14.7	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.0730	0.0087	mg/Kg dry	0.08742	ND	83.5	70-130	6.34	30	
1,2-Dibromoethane (EDB)	0.0886	0.0044	mg/Kg dry	0.08742	ND	101	70-130	7.99	30	
1,2-Dichlorobenzene	0.0884	0.0087	mg/Kg dry	0.08742	ND	101	70-130	7.17	30	
1,3-Dichlorobenzene	0.0883	0.0087	mg/Kg dry	0.08742	ND	101	70-130	6.44	30	
1,4-Dichlorobenzene	0.0877	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.44	30	
Dichlorodifluoromethane (Freon 12)	0.0595	0.087	mg/Kg dry	0.08742	ND	68.1	* 70-130	22.3	30	V-36, MS-24, J
1,1-Dichloroethane	0.0699	0.0087	mg/Kg dry	0.08742	ND	80.0	70-130	18.2	30	
1,2-Dichloroethane	0.0866	0.0087	mg/Kg dry	0.08742	ND	99.0	70-130	11.7	30	
1,1-Dichloroethylene	0.0712	0.017	mg/Kg dry	0.08742	ND	81.4	70-130	19.2	30	
cis-1,2-Dichloroethylene	0.0697	0.0087	mg/Kg dry	0.08742	ND	79.7	70-130	17.3	30	
trans-1,2-Dichloroethylene	0.0651	0.0087	mg/Kg dry	0.08742	ND	74.5	70-130	15.6	30	
1,2-Dichloropropane	0.0763	0.0087	mg/Kg dry	0.08742	ND	87.3	70-130	8.79	30	
cis-1,3-Dichloropropene	0.0745	0.0044	mg/Kg dry	0.08742	ND	85.2	70-130	9.57	30	
trans-1,3-Dichloropropene	0.0831	0.0044	mg/Kg dry	0.08742	ND	95.1	70-130	8.87	30	
Ethylbenzene	0.0874	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.43	20	
Ethylbenzene	0.0874	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.43	20	
Ethylbenzene	0.0874	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.43	30	
Ethylbenzene	0.0874	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.43	30	
2-Hexanone (MBK)	0.689	0.087	mg/Kg dry	0.8742	ND	78.8	70-130	8.48	30	
Isopropylbenzene (Cumene)	0.0894	0.0087	mg/Kg dry	0.08742	ND	102	70-130	7.72	30	
Isopropylbenzene (Cumene)	0.0894	0.0087	mg/Kg dry	0.08742	ND	102	70-130	7.72	30	
Isopropylbenzene (Cumene)	0.0894	0.0087	mg/Kg dry	0.08742	ND	102	70-130	7.72	80	
Isopropylbenzene (Cumene)	0.0894	0.0087	mg/Kg dry	0.08742	ND	102	70-130	7.72	80	
p-Isopropyltoluene (p-Cymene)	0.0869	0.0087	mg/Kg dry	0.08742	ND	99.4	70-130	8.55	20	
p-Isopropyltoluene (p-Cymene)	0.0869	0.0087	mg/Kg dry	0.08742	ND	99.4	70-130	8.55	20	
p-Isopropyltoluene (p-Cymene)	0.0869	0.0087	mg/Kg dry	0.08742	ND	99.4	70-130	8.55	30	
p-Isopropyltoluene (p-Cymene)	0.0869	0.0087	mg/Kg dry	0.08742	ND	99.4	70-130	8.55	30	
Methyl Acetate	0.0727	0.0087	mg/Kg dry	0.08742	ND	83.1	70-130	17.9	30	
Methyl tert-Butyl Ether (MTBE)	0.0818	0.017	mg/Kg dry	0.08742	ND	93.6	70-130	17.2	20	
Methyl tert-Butyl Ether (MTBE)	0.0818	0.017	mg/Kg dry	0.08742	ND	93.6	70-130	17.2	20	
Methyl tert-Butyl Ether (MTBE)	0.0818	0.017	mg/Kg dry	0.08742	ND	93.6	70-130	17.2	30	
Methyl tert-Butyl Ether (MTBE)	0.0818	0.017	mg/Kg dry	0.08742	ND	93.6	70-130	17.2	30	
Methyl Cyclohexane	0.0818	0.0087	mg/Kg dry	0.08742	ND	93.6	70-130	10.7	30	
Methylene Chloride	0.0649	0.087	mg/Kg dry	0.08742	ND	74.2	70-130	15.1	30	J
4-Methyl-2-pentanone (MIBK)	0.694	0.087	mg/Kg dry	0.8742	ND	79.4	70-130	8.43	30	
Naphthalene	0.0770	0.017	mg/Kg dry	0.08742	ND	88.1	70-130	7.88	20	
Naphthalene	0.0770	0.017	mg/Kg dry	0.08742	ND	88.1	70-130	7.88	20	
Naphthalene	0.0770	0.017	mg/Kg dry	0.08742	ND	88.1	70-130	7.88	30	
Naphthalene	0.0770	0.017	mg/Kg dry	0.08742	ND	88.1	70-130	7.88	30	
n-Propylbenzene	0.0881	0.0087	mg/Kg dry	0.08742	ND	101	70-130	7.87	30	
n-Propylbenzene	0.0881	0.0087	mg/Kg dry	0.08742	ND	101	70-130	7.87	30	
n-Propylbenzene	0.0881	0.0087	mg/Kg dry	0.08742	ND	101	70-130	7.87	30	
n-Propylbenzene	0.0881	0.0087	mg/Kg dry	0.08742	ND	101	70-130	7.87	30	
Styrene	0.0858	0.0087	mg/Kg dry	0.08742	ND	98.1	70-130	7.47	30	
1,1,2,2-Tetrachloroethane	0.0935	0.0044	mg/Kg dry	0.08742	ND	107	70-130	7.09	30	
Tetrachloroethylene	0.0902	0.0087	mg/Kg dry	0.08742	ND	103	70-130	9.82	30	
Toluene	0.0825	0.0087	mg/Kg dry	0.08742	ND	94.4	70-130	8.20	20	
Toluene	0.0825	0.0087	mg/Kg dry	0.08742	ND	94.4	70-130	8.20	20	
Toluene	0.0825	0.0087	mg/Kg dry	0.08742	ND	94.4	70-130	8.20	30	
Toluene	0.0825	0.0087	mg/Kg dry	0.08742	ND	94.4	70-130	8.20	30	
1,2,3-Trichlorobenzene	0.0855	0.0087	mg/Kg dry	0.08742	ND	97.8	70-130	6.71	30	

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QUALITY CONTROL
Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike Dup (B430546-MSD1)										
Source: 26F1604-01										
Prepared & Analyzed: 06/18/26										
1,2,4-Trichlorobenzene	0.0851	0.0087	mg/Kg dry	0.08742	ND	97.3	70-130	5.07	30	
1,1,1-Trichloroethane	0.0839	0.0087	mg/Kg dry	0.08742	ND	96.0	70-130	15.5	30	
1,1,2-Trichloroethane	0.0843	0.0087	mg/Kg dry	0.08742	ND	96.4	70-130	10.1	30	
Trichloroethylene	0.0829	0.0087	mg/Kg dry	0.08742	ND	94.8	70-130	9.18	30	
Trichlorofluoromethane (Freon 11)	0.0912	0.044	mg/Kg dry	0.08742	ND	104	70-130	16.1	30	V-20
1,2,3-Trichloropropane	0.0702	0.0087	mg/Kg dry	0.08742	ND	80.3	70-130	11.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0942	0.044	mg/Kg dry	0.08742	ND	108	70-130	18.0	30	
1,2,4-Trimethylbenzene	0.0797	0.0087	mg/Kg dry	0.08742	ND	91.2	70-130	9.22	20	
1,2,4-Trimethylbenzene	0.0797	0.0087	mg/Kg dry	0.08742	ND	91.2	70-130	9.22	20	
1,2,4-Trimethylbenzene	0.0797	0.0087	mg/Kg dry	0.08742	ND	91.2	70-130	9.22	30	
1,2,4-Trimethylbenzene	0.0797	0.0087	mg/Kg dry	0.08742	ND	91.2	70-130	9.22	30	
1,3,5-Trimethylbenzene	0.0876	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.03	20	
1,3,5-Trimethylbenzene	0.0876	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.03	20	
1,3,5-Trimethylbenzene	0.0876	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.03	30	
1,3,5-Trimethylbenzene	0.0876	0.0087	mg/Kg dry	0.08742	ND	100	70-130	7.03	30	
Vinyl Chloride	0.0599	0.044	mg/Kg dry	0.08742	ND	68.5	* 70-130	17.5	30	MS-24
m+p Xylene	0.173	0.017	mg/Kg dry	0.1748	ND	98.9	70-130	8.69	30	
m+p Xylene	0.173	0.017	mg/Kg dry	0.1748	ND	98.9	70-130	8.69	20	
m+p Xylene	0.173	0.017	mg/Kg dry	0.1748	ND	98.9	70-130	8.69	30	
m+p Xylene	0.173	0.017	mg/Kg dry	0.1748	ND	98.9	70-130	8.69	20	
o-Xylene	0.0866	0.0087	mg/Kg dry	0.08742	ND	99.0	70-130	8.02	20	
o-Xylene	0.0866	0.0087	mg/Kg dry	0.08742	ND	99.0	70-130	8.02	30	
o-Xylene	0.0866	0.0087	mg/Kg dry	0.08742	ND	99.0	70-130	8.02	30	
o-Xylene	0.0866	0.0087	mg/Kg dry	0.08742	ND	99.0	70-130	8.02	20	
Surrogate: 1,2-Dichloroethane-d4	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: Toluene-d8	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: Toluene-d8	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: Toluene-d8	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: Toluene-d8	0.218		mg/Kg dry	0.2186		99.9	70-130			
Surrogate: 4-Bromofluorobenzene	0.220		mg/Kg dry	0.2186		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.220		mg/Kg dry	0.2186		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.220		mg/Kg dry	0.2186		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.220		mg/Kg dry	0.2186		101	70-130			
Matrix Spike Dup (B430546-MSD2)										
Source: 26F1604-02										
Prepared & Analyzed: 06/18/26										
Acetone	0.995	0.64	mg/Kg dry	1.271	0.145	66.8	* 70-130	10.7	30	MS-24
Benzene	0.115	0.013	mg/Kg dry	0.1271	ND	90.2	70-130	1.17	30	
Benzene	0.115	0.013	mg/Kg dry	0.1271	ND	90.2	70-130	1.17	20	
Benzene	0.115	0.013	mg/Kg dry	0.1271	ND	90.2	70-130	1.17	30	
Benzene	0.115	0.013	mg/Kg dry	0.1271	ND	90.2	70-130	1.17	20	
Bromochloromethane	0.102	0.013	mg/Kg dry	0.1271	ND	80.4	70-130	0.922	30	
Bromodichloromethane	0.130	0.013	mg/Kg dry	0.1271	ND	103	70-130	1.22	30	
Bromoform	0.109	0.013	mg/Kg dry	0.1271	ND	86.0	70-130	3.38	30	
Bromomethane	0.114	0.064	mg/Kg dry	0.1271	ND	89.6	70-130	10.8	30	V-20, V-34
2-Butanone (MEK)	0.936	0.25	mg/Kg dry	1.271	ND	73.6	70-130	3.74	30	
n-Butylbenzene	0.129	0.013	mg/Kg dry	0.1271	ND	102	70-130	3.45	30	
n-Butylbenzene	0.129	0.013	mg/Kg dry	0.1271	ND	102	70-130	3.45	30	
n-Butylbenzene	0.129	0.013	mg/Kg dry	0.1271	ND	102	70-130	3.45	30	
n-Butylbenzene	0.129	0.013	mg/Kg dry	0.1271	ND	102	70-130	3.45	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike Dup (B430546-MSD2)	Source: 26F1604-02			Prepared & Analyzed: 06/18/26						
sec-Butylbenzene	0.141	0.013	mg/Kg dry	0.1271	ND	111	70-130	1.56	20	
sec-Butylbenzene	0.141	0.013	mg/Kg dry	0.1271	ND	111	70-130	1.56	30	V-36
sec-Butylbenzene	0.141	0.013	mg/Kg dry	0.1271	ND	111	70-130	1.56	30	V-36
sec-Butylbenzene	0.141	0.013	mg/Kg dry	0.1271	ND	111	70-130	1.56	20	
tert-Butylbenzene	0.125	0.013	mg/Kg dry	0.1271	ND	98.5	70-130	2.45	30	
tert-Butylbenzene	0.125	0.013	mg/Kg dry	0.1271	ND	98.5	70-130	2.45	30	
tert-Butylbenzene	0.125	0.013	mg/Kg dry	0.1271	ND	98.5	70-130	2.45	20	
tert-Butylbenzene	0.125	0.013	mg/Kg dry	0.1271	ND	98.5	70-130	2.45	20	
Carbon Disulfide	0.0982	0.13	mg/Kg dry	0.1271	ND	77.3	70-130	0.0746	30	J
Carbon Tetrachloride	0.123	0.013	mg/Kg dry	0.1271	ND	96.5	70-130	4.61	30	
Chlorobenzene	0.119	0.013	mg/Kg dry	0.1271	ND	93.9	70-130	4.33	30	
Chlorodibromomethane	0.120	0.0064	mg/Kg dry	0.1271	ND	94.4	70-130	1.16	30	
Chloroethane	0.102	0.13	mg/Kg dry	0.1271	ND	80.1	70-130	1.97	30	J
Chloroform	0.124	0.025	mg/Kg dry	0.1271	ND	97.4	70-130	1.33	30	
Chloromethane	0.0635	0.064	mg/Kg dry	0.1271	ND	50.0	* 70-130	1.47	30	MS-07A2, V-05
Cyclohexane	0.0951	0.064	mg/Kg dry	0.1271	ND	74.8	70-130	0.489	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.112	0.013	mg/Kg dry	0.1271	ND	87.8	70-130	2.24	30	
1,2-Dibromoethane (EDB)	0.130	0.0064	mg/Kg dry	0.1271	ND	103	70-130	2.15	30	
1,2-Dichlorobenzene	0.135	0.013	mg/Kg dry	0.1271	ND	107	70-130	5.92	30	
1,3-Dichlorobenzene	0.134	0.013	mg/Kg dry	0.1271	ND	105	70-130	3.54	30	
1,4-Dichlorobenzene	0.130	0.013	mg/Kg dry	0.1271	ND	102	70-130	1.71	30	
Dichlorodifluoromethane (Freon 12)	0.0865	0.13	mg/Kg dry	0.1271	ND	68.1	* 70-130	1.89	30	V-36, MS-24, J
1,1-Dichloroethane	0.108	0.013	mg/Kg dry	0.1271	ND	84.7	70-130	0.120	30	
1,2-Dichloroethane	0.128	0.013	mg/Kg dry	0.1271	ND	101	70-130	1.10	30	
1,1-Dichloroethylene	0.114	0.025	mg/Kg dry	0.1271	ND	89.4	70-130	0.0430	30	
cis-1,2-Dichloroethylene	0.108	0.013	mg/Kg dry	0.1271	ND	85.3	70-130	0.940	30	
trans-1,2-Dichloroethylene	0.0971	0.013	mg/Kg dry	0.1271	ND	76.4	70-130	1.35	30	
1,2-Dichloropropane	0.114	0.013	mg/Kg dry	0.1271	ND	89.5	70-130	1.49	30	
cis-1,3-Dichloropropene	0.110	0.0064	mg/Kg dry	0.1271	ND	86.9	70-130	0.469	30	
trans-1,3-Dichloropropene	0.123	0.0064	mg/Kg dry	0.1271	ND	96.5	70-130	0.405	30	
Ethylbenzene	0.126	0.013	mg/Kg dry	0.1271	ND	99.4	70-130	0.784	20	
Ethylbenzene	0.126	0.013	mg/Kg dry	0.1271	ND	99.4	70-130	0.784	30	
Ethylbenzene	0.126	0.013	mg/Kg dry	0.1271	ND	99.4	70-130	0.784	20	
Ethylbenzene	0.126	0.013	mg/Kg dry	0.1271	ND	99.4	70-130	0.784	30	
2-Hexanone (MBK)	1.08	0.13	mg/Kg dry	1.271	ND	84.6	70-130	0.556	30	
Isopropylbenzene (Cumene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.524	80	
Isopropylbenzene (Cumene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.524	80	
Isopropylbenzene (Cumene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.524	30	
Isopropylbenzene (Cumene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.524	30	
p-Isopropyltoluene (p-Cymene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	2.30	20	
p-Isopropyltoluene (p-Cymene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	2.30	20	
p-Isopropyltoluene (p-Cymene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	2.30	30	
p-Isopropyltoluene (p-Cymene)	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	2.30	30	
Methyl Acetate	0.114	0.013	mg/Kg dry	0.1271	ND	89.8	70-130	1.42	30	
Methyl tert-Butyl Ether (MTBE)	0.124	0.025	mg/Kg dry	0.1271	ND	97.8	70-130	0.947	30	
Methyl tert-Butyl Ether (MTBE)	0.124	0.025	mg/Kg dry	0.1271	ND	97.8	70-130	0.947	30	
Methyl tert-Butyl Ether (MTBE)	0.124	0.025	mg/Kg dry	0.1271	ND	97.8	70-130	0.947	20	
Methyl tert-Butyl Ether (MTBE)	0.124	0.025	mg/Kg dry	0.1271	ND	97.8	70-130	0.947	20	
Methyl Cyclohexane	0.119	0.013	mg/Kg dry	0.1271	ND	93.6	70-130	1.23	30	
Methylene Chloride	0.0984	0.13	mg/Kg dry	0.1271	ND	77.4	70-130	1.04	30	J
4-Methyl-2-pentanone (MIBK)	1.07	0.13	mg/Kg dry	1.271	ND	83.8	70-130	2.07	30	
Naphthalene	0.118	0.025	mg/Kg dry	0.1271	ND	92.5	70-130	0.696	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430546 - SW-846 5035										
Matrix Spike Dup (B430546-MSD2)										
Source: 26F1604-02										
Prepared & Analyzed: 06/18/26										
Naphthalene	0.118	0.025	mg/Kg dry	0.1271	ND	92.5	70-130	0.696	30	
Naphthalene	0.118	0.025	mg/Kg dry	0.1271	ND	92.5	70-130	0.696	20	
Naphthalene	0.118	0.025	mg/Kg dry	0.1271	ND	92.5	70-130	0.696	20	
n-Propylbenzene	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.221	30	
n-Propylbenzene	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.221	30	
n-Propylbenzene	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.221	30	
n-Propylbenzene	0.132	0.013	mg/Kg dry	0.1271	ND	104	70-130	0.221	30	
Styrene	0.125	0.013	mg/Kg dry	0.1271	ND	98.6	70-130	1.01	30	
1,1,2,2-Tetrachloroethane	0.140	0.0064	mg/Kg dry	0.1271	ND	110	70-130	3.57	30	
Tetrachloroethylene	0.133	0.013	mg/Kg dry	0.1271	ND	105	70-130	1.08	30	
Toluene	0.122	0.013	mg/Kg dry	0.1271	ND	95.8	70-130	1.29	20	
Toluene	0.122	0.013	mg/Kg dry	0.1271	ND	95.8	70-130	1.29	30	
Toluene	0.122	0.013	mg/Kg dry	0.1271	ND	95.8	70-130	1.29	20	
Toluene	0.122	0.013	mg/Kg dry	0.1271	ND	95.8	70-130	1.29	30	
1,2,3-Trichlorobenzene	0.131	0.013	mg/Kg dry	0.1271	ND	103	70-130	3.06	30	
1,2,4-Trichlorobenzene	0.128	0.013	mg/Kg dry	0.1271	ND	101	70-130	2.37	30	
1,1,1-Trichloroethane	0.125	0.013	mg/Kg dry	0.1271	ND	98.6	70-130	1.40	30	
1,1,2-Trichloroethane	0.126	0.013	mg/Kg dry	0.1271	ND	99.2	70-130	2.04	30	
Trichloroethylene	0.124	0.013	mg/Kg dry	0.1271	ND	97.7	70-130	0.853	30	
Trichlorofluoromethane (Freon 11)	0.137	0.064	mg/Kg dry	0.1271	ND	108	70-130	0.251	30	V-20
1,2,3-Trichloropropane	0.107	0.013	mg/Kg dry	0.1271	ND	84.2	70-130	3.40	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.149	0.064	mg/Kg dry	0.1271	ND	117	70-130	1.34	30	
1,2,4-Trimethylbenzene	0.119	0.013	mg/Kg dry	0.1271	ND	93.8	70-130	3.47	20	
1,2,4-Trimethylbenzene	0.119	0.013	mg/Kg dry	0.1271	ND	93.8	70-130	3.47	30	
1,2,4-Trimethylbenzene	0.119	0.013	mg/Kg dry	0.1271	ND	93.8	70-130	3.47	30	
1,2,4-Trimethylbenzene	0.119	0.013	mg/Kg dry	0.1271	ND	93.8	70-130	3.47	20	
1,3,5-Trimethylbenzene	0.130	0.013	mg/Kg dry	0.1271	ND	102	70-130	1.32	30	
1,3,5-Trimethylbenzene	0.130	0.013	mg/Kg dry	0.1271	ND	102	70-130	1.32	30	
1,3,5-Trimethylbenzene	0.130	0.013	mg/Kg dry	0.1271	ND	102	70-130	1.32	20	
1,3,5-Trimethylbenzene	0.130	0.013	mg/Kg dry	0.1271	ND	102	70-130	1.32	20	
Vinyl Chloride	0.0895	0.064	mg/Kg dry	0.1271	ND	70.4	70-130	1.43	30	
m+p Xylene	0.252	0.025	mg/Kg dry	0.2542	ND	99.3	70-130	1.37	30	
m+p Xylene	0.252	0.025	mg/Kg dry	0.2542	ND	99.3	70-130	1.37	30	
m+p Xylene	0.252	0.025	mg/Kg dry	0.2542	ND	99.3	70-130	1.37	20	
m+p Xylene	0.252	0.025	mg/Kg dry	0.2542	ND	99.3	70-130	1.37	20	
o-Xylene	0.128	0.013	mg/Kg dry	0.1271	ND	101	70-130	1.29	30	
o-Xylene	0.128	0.013	mg/Kg dry	0.1271	ND	101	70-130	1.29	30	
o-Xylene	0.128	0.013	mg/Kg dry	0.1271	ND	101	70-130	1.29	20	
o-Xylene	0.128	0.013	mg/Kg dry	0.1271	ND	101	70-130	1.29	20	
Surrogate: 1,2-Dichloroethane-d4	0.334		mg/Kg dry	0.3177		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.334		mg/Kg dry	0.3177		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.334		mg/Kg dry	0.3177		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.334		mg/Kg dry	0.3177		105	70-130			
Surrogate: Toluene-d8	0.317		mg/Kg dry	0.3177		99.6	70-130			
Surrogate: Toluene-d8	0.317		mg/Kg dry	0.3177		99.6	70-130			
Surrogate: Toluene-d8	0.317		mg/Kg dry	0.3177		99.6	70-130			
Surrogate: Toluene-d8	0.317		mg/Kg dry	0.3177		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.317		mg/Kg dry	0.3177		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.317		mg/Kg dry	0.3177		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.317		mg/Kg dry	0.3177		99.8	70-130			
Surrogate: 4-Bromofluorobenzene	0.317		mg/Kg dry	0.3177		99.8	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430574 - SW-846 5030B

Blank (B430574-BLK1)

Prepared: 06/18/26 Analyzed: 06/20/26

Acetone	ND	50	µg/L							V-05
Benzene	ND	1.0	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							
Naphthalene	ND	2.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430574 - SW-846 5030B

Blank (B430574-BLK1)

Prepared: 06/18/26 Analyzed: 06/20/26

n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							
1,2,4-Trichlorobenzene	ND	1.0	µg/L							
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	23.6		µg/L	25.00		94.2	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.6		µg/L	25.00		94.2	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		98.0	70-130			
Surrogate: Toluene-d8	24.5		µg/L	25.00		98.0	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.8	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.8	70-130			

LCS (B430574-BS1)

Prepared: 06/18/26 Analyzed: 06/19/26

Acetone	80.0	50	µg/L	100.0		80.0	70-160		V-05	†
Benzene	9.78	1.0	µg/L	10.00		97.8	70-130			
Benzene	9.78	1.0	µg/L	10.00		97.8	70-130			
Bromochloromethane	10.1	1.0	µg/L	10.00		101	70-130			
Bromodichloromethane	9.31	0.50	µg/L	10.00		93.1	70-130			
Bromoform	10.1	1.0	µg/L	10.00		101	70-130			
Bromomethane	9.59	2.0	µg/L	10.00		95.9	40-160			†
2-Butanone (MEK)	88.0	20	µg/L	100.0		88.0	40-160			†
n-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130			
n-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130			
sec-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
sec-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130			
tert-Butylbenzene	11.2	1.0	µg/L	10.00		112	70-130			
tert-Butylbenzene	11.2	1.0	µg/L	10.00		112	70-130			
Carbon Disulfide	104	5.0	µg/L	100.0		104	70-130			
Carbon Tetrachloride	8.56	5.0	µg/L	10.00		85.6	70-130			
Chlorobenzene	10.6	1.0	µg/L	10.00		106	70-130			
Chlorodibromomethane	9.70	0.50	µg/L	10.00		97.0	70-130			
Chloroethane	8.94	2.0	µg/L	10.00		89.4	70-130			
Chloroform	9.09	2.0	µg/L	10.00		90.9	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430574 - SW-846 5030B										
LCS (B430574-BS1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
Chloromethane	9.05	2.0	µg/L	10.00		90.5	40-160			†
Cyclohexane	8.85	5.0	µg/L	10.00		88.5	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.67	5.0	µg/L	10.00		96.7	70-130			
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.00		100	70-130			
1,2-Dichlorobenzene	11.8	1.0	µg/L	10.00		118	70-130			
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.00		114	70-130			
1,4-Dichlorobenzene	11.5	1.0	µg/L	10.00		115	70-130			
Dichlorodifluoromethane (Freon 12)	9.38	2.0	µg/L	10.00		93.8	40-160			†
1,1-Dichloroethane	9.04	1.0	µg/L	10.00		90.4	70-130			
1,2-Dichloroethane	8.66	1.0	µg/L	10.00		86.6	70-130			
1,1-Dichloroethylene	9.05	1.0	µg/L	10.00		90.5	70-130			
cis-1,2-Dichloroethylene	9.07	1.0	µg/L	10.00		90.7	70-130			
trans-1,2-Dichloroethylene	9.26	1.0	µg/L	10.00		92.6	70-130			
1,2-Dichloropropane	10.2	1.0	µg/L	10.00		102	70-130			
cis-1,3-Dichloropropene	9.71	0.50	µg/L	10.00		97.1	70-130			
trans-1,3-Dichloropropene	9.55	0.50	µg/L	10.00		95.5	70-130			
Ethylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Ethylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
2-Hexanone (MBK)	96.3	10	µg/L	100.0		96.3	70-160			†
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00		105	70-130			
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00		105	70-130			
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00		109	70-130			
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00		109	70-130			
Methyl Acetate	10.0	1.0	µg/L	10.00		100	70-130			
Methyl tert-Butyl Ether (MTBE)	9.01	1.0	µg/L	10.00		90.1	70-130			
Methyl tert-Butyl Ether (MTBE)	9.01	1.0	µg/L	10.00		90.1	70-130			
Methyl Cyclohexane	9.16	1.0	µg/L	10.00		91.6	70-130			
Methylene Chloride	9.19	5.0	µg/L	10.00		91.9	70-130			
4-Methyl-2-pentanone (MIBK)	96.6	10	µg/L	100.0		96.6	70-160			†
Naphthalene	9.10	2.0	µg/L	10.00		91.0	40-130			†
Naphthalene	9.10	2.0	µg/L	10.00		91.0	40-130			†
n-Propylbenzene	10.3	1.0	µg/L	10.00		103	70-130			
n-Propylbenzene	10.3	1.0	µg/L	10.00		103	70-130			
Styrene	10.7	1.0	µg/L	10.00		107	70-130			
1,1,2,2-Tetrachloroethane	10.8	0.50	µg/L	10.00		108	70-130			
Tetrachloroethylene	9.86	1.0	µg/L	10.00		98.6	70-130			
Toluene	9.80	1.0	µg/L	10.00		98.0	70-130			
Toluene	9.80	1.0	µg/L	10.00		98.0	70-130			
1,2,3-Trichlorobenzene	8.98	5.0	µg/L	10.00		89.8	70-130			
1,2,4-Trichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130			
1,1,1-Trichloroethane	9.01	1.0	µg/L	10.00		90.1	70-130			
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.00		100	70-130			
Trichloroethylene	9.86	1.0	µg/L	10.00		98.6	70-130			
Trichlorofluoromethane (Freon 11)	8.47	2.0	µg/L	10.00		84.7	70-130			
1,2,3-Trichloropropane	13.3	2.0	µg/L	10.00		133	* 70-130			L-07, V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.18	1.0	µg/L	10.00		91.8	70-130			
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.00		112	70-130			
1,2,4-Trimethylbenzene	11.2	1.0	µg/L	10.00		112	70-130			
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.00		103	70-130			
1,3,5-Trimethylbenzene	10.3	1.0	µg/L	10.00		103	70-130			
Vinyl Chloride	9.06	2.0	µg/L	10.00		90.6	40-160			†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430574 - SW-846 5030B										
LCS (B430574-BS1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
m+p Xylene	20.9	2.0	µg/L	20.00		104	70-130			
m+p Xylene	20.9	2.0	µg/L	20.00		104	70-130			
o-Xylene	10.5	1.0	µg/L	10.00		105	70-130			
o-Xylene	10.5	1.0	µg/L	10.00		105	70-130			
Xylenes (total)	31.4	1.0	µg/L	30.00		105	0-200			
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.6	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.00		98.3	70-130			
Surrogate: Toluene-d8	24.6		µg/L	25.00		98.3	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.00		96.5	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.00		96.5	70-130			
LCS Dup (B430574-BSD1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
Acetone	79.8	50	µg/L	100.0		79.8	70-160	0.300	25	V-05 †
Benzene	10.0	1.0	µg/L	10.00		100	70-130	2.62	25	
Benzene	10.0	1.0	µg/L	10.00		100	70-130	2.62	25	
Bromochloromethane	9.97	1.0	µg/L	10.00		99.7	70-130	1.10	25	
Bromodichloromethane	9.28	0.50	µg/L	10.00		92.8	70-130	0.323	25	
Bromoform	9.95	1.0	µg/L	10.00		99.5	70-130	1.69	25	
Bromomethane	9.59	2.0	µg/L	10.00		95.9	40-160	0.00	25	†
2-Butanone (MEK)	86.2	20	µg/L	100.0		86.2	40-160	2.03	25	†
n-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130	0.00	25	
n-Butylbenzene	10.3	1.0	µg/L	10.00		103	70-130	0.00	25	
sec-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130	0.181	25	
sec-Butylbenzene	11.0	1.0	µg/L	10.00		110	70-130	0.181	25	
tert-Butylbenzene	11.3	1.0	µg/L	10.00		113	70-130	0.976	25	
tert-Butylbenzene	11.3	1.0	µg/L	10.00		113	70-130	0.976	25	
Carbon Disulfide	105	5.0	µg/L	100.0		105	70-130	1.58	25	
Carbon Tetrachloride	8.40	5.0	µg/L	10.00		84.0	70-130	1.89	25	
Chlorobenzene	10.6	1.0	µg/L	10.00		106	70-130	0.00	25	
Chlorodibromomethane	9.54	0.50	µg/L	10.00		95.4	70-130	1.66	25	
Chloroethane	9.63	2.0	µg/L	10.00		96.3	70-130	7.43	25	
Chloroform	8.93	2.0	µg/L	10.00		89.3	70-130	1.78	25	
Chloromethane	9.42	2.0	µg/L	10.00		94.2	40-160	4.01	25	†
Cyclohexane	8.74	5.0	µg/L	10.00		87.4	70-130	1.25	25	
1,2-Dibromo-3-chloropropane (DBCP)	9.34	5.0	µg/L	10.00		93.4	70-130	3.47	25	
1,2-Dibromoethane (EDB)	10.0	0.50	µg/L	10.00		100	70-130	0.200	25	
1,2-Dichlorobenzene	11.7	1.0	µg/L	10.00		117	70-130	0.681	25	
1,3-Dichlorobenzene	11.4	1.0	µg/L	10.00		114	70-130	0.175	25	
1,4-Dichlorobenzene	11.2	1.0	µg/L	10.00		112	70-130	2.56	25	
Dichlorodifluoromethane (Freon 12)	9.08	2.0	µg/L	10.00		90.8	40-160	3.25	25	†
1,1-Dichloroethane	9.46	1.0	µg/L	10.00		94.6	70-130	4.54	25	
1,2-Dichloroethane	8.89	1.0	µg/L	10.00		88.9	70-130	2.62	25	
1,1-Dichloroethylene	9.24	1.0	µg/L	10.00		92.4	70-130	2.08	25	
cis-1,2-Dichloroethylene	9.16	1.0	µg/L	10.00		91.6	70-130	0.987	25	
trans-1,2-Dichloroethylene	9.17	1.0	µg/L	10.00		91.7	70-130	0.977	25	
1,2-Dichloropropane	10.4	1.0	µg/L	10.00		104	70-130	1.85	25	
cis-1,3-Dichloropropene	9.70	0.50	µg/L	10.00		97.0	70-130	0.103	25	
trans-1,3-Dichloropropene	9.69	0.50	µg/L	10.00		96.9	70-130	1.46	25	
Ethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.00	25	
Ethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.00	25	
2-Hexanone (MBK)	93.2	10	µg/L	100.0		93.2	70-160	3.31	25	†

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430574 - SW-846 5030B										
LCS Dup (B430574-BSD1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00		105	70-130	0.476	25	
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00		105	70-130	0.476	25	
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.00		108	70-130	0.460	25	
p-Isopropyltoluene (p-Cymene)	10.8	1.0	µg/L	10.00		108	70-130	0.460	25	
Methyl Acetate	9.63	1.0	µg/L	10.00		96.3	70-130	3.87	25	
Methyl tert-Butyl Ether (MTBE)	8.93	1.0	µg/L	10.00		89.3	70-130	0.892	25	
Methyl tert-Butyl Ether (MTBE)	8.93	1.0	µg/L	10.00		89.3	70-130	0.892	25	
Methyl Cyclohexane	9.15	1.0	µg/L	10.00		91.5	70-130	0.109	25	
Methylene Chloride	9.18	5.0	µg/L	10.00		91.8	70-130	0.109	25	
4-Methyl-2-pentanone (MIBK)	94.0	10	µg/L	100.0		94.0	70-160	2.72	25	†
Naphthalene	8.66	2.0	µg/L	10.00		86.6	40-130	4.95	25	†
Naphthalene	8.66	2.0	µg/L	10.00		86.6	40-130	4.95	25	†
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130	0.292	25	
n-Propylbenzene	10.2	1.0	µg/L	10.00		102	70-130	0.292	25	
Styrene	10.7	1.0	µg/L	10.00		107	70-130	0.374	25	
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.00		103	70-130	4.44	25	
Tetrachloroethylene	9.67	1.0	µg/L	10.00		96.7	70-130	1.95	25	
Toluene	9.86	1.0	µg/L	10.00		98.6	70-130	0.610	25	
Toluene	9.86	1.0	µg/L	10.00		98.6	70-130	0.610	25	
1,2,3-Trichlorobenzene	8.57	5.0	µg/L	10.00		85.7	70-130	4.67	25	
1,2,4-Trichlorobenzene	10.8	1.0	µg/L	10.00		108	70-130	3.92	25	
1,1,1-Trichloroethane	9.37	1.0	µg/L	10.00		93.7	70-130	3.92	25	
1,1,2-Trichloroethane	10.0	1.0	µg/L	10.00		100	70-130	0.00	25	
Trichloroethylene	9.97	1.0	µg/L	10.00		99.7	70-130	1.11	25	
Trichlorofluoromethane (Freon 11)	8.92	2.0	µg/L	10.00		89.2	70-130	5.18	25	
1,2,3-Trichloropropane	12.9	2.0	µg/L	10.00		129	70-130	2.83	25	V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.12	1.0	µg/L	10.00		91.2	70-130	0.656	25	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.00		111	70-130	1.16	25	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.00		111	70-130	1.16	25	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	0.875	25	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00		102	70-130	0.875	25	
Vinyl Chloride	9.17	2.0	µg/L	10.00		91.7	40-160	1.21	25	†
m+p Xylene	20.8	2.0	µg/L	20.00		104	70-130	0.335	25	
m+p Xylene	20.8	2.0	µg/L	20.00		104	70-130	0.335	25	
o-Xylene	10.6	1.0	µg/L	10.00		106	70-130	0.570	25	
o-Xylene	10.6	1.0	µg/L	10.00		106	70-130	0.570	25	
Xylenes (total)	31.4	1.0	µg/L	30.00		105	0-200	0.0319		
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.6	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.6	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.7	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.00		96.2	70-130			
Surrogate: 4-Bromofluorobenzene	24.1		µg/L	25.00		96.2	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430574 - SW-846 5030B										
Matrix Spike (B430574-MS1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/20/26						
Acetone	83.3	50	µg/L	100.0	ND	83.3	70-130			V-05
Benzene	10.3	1.0	µg/L	10.00	ND	103	70-130			
Benzene	10.3	1.0	µg/L	10.00	ND	103	70-130			
Benzene	10.3	1.0	µg/L	10.00	ND	103	70-130			
Benzene	10.3	1.0	µg/L	10.00	ND	103	70-130			
Bromochloromethane	10.8	1.0	µg/L	10.00	ND	108	70-130			
Bromodichloromethane	9.49	0.50	µg/L	10.00	ND	94.9	70-130			
Bromoform	9.97	1.0	µg/L	10.00	ND	99.7	70-130			
Bromomethane	8.29	2.0	µg/L	10.00	ND	82.9	70-130			
2-Butanone (MEK)	84.0	20	µg/L	100.0	ND	84.0	70-130			
n-Butylbenzene	10.5	1.0	µg/L	10.00	ND	105	70-130			
n-Butylbenzene	10.5	1.0	µg/L	10.00	ND	105	70-130			
n-Butylbenzene	10.5	1.0	µg/L	10.00	ND	105	70-130			
n-Butylbenzene	10.5	1.0	µg/L	10.00	ND	105	70-130			
sec-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130			
sec-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130			
sec-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130			
sec-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130			
tert-Butylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
tert-Butylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
tert-Butylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
tert-Butylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
Carbon Disulfide	114	5.0	µg/L	100.0	ND	114	70-130			
Carbon Tetrachloride	8.49	5.0	µg/L	10.00	ND	84.9	70-130			
Chlorobenzene	11.8	1.0	µg/L	10.00	0.870	110	70-130			
Chlorodibromomethane	9.67	0.50	µg/L	10.00	ND	96.7	70-130			
Chloroethane	10.6	2.0	µg/L	10.00	ND	106	70-130			
Chloroform	9.04	2.0	µg/L	10.00	ND	90.4	70-130			
Chloromethane	10.3	2.0	µg/L	10.00	ND	103	70-130			
Cyclohexane	7.68	5.0	µg/L	10.00	ND	76.8	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	9.11	5.0	µg/L	10.00	ND	91.1	70-130			
1,2-Dibromoethane (EDB)	9.94	0.50	µg/L	10.00	ND	99.4	70-130			
1,2-Dichlorobenzene	11.9	1.0	µg/L	10.00	ND	119	70-130			
1,3-Dichlorobenzene	11.7	1.0	µg/L	10.00	ND	117	70-130			
1,4-Dichlorobenzene	11.9	1.0	µg/L	10.00	0.240	117	70-130			
Dichlorodifluoromethane (Freon 12)	7.54	2.0	µg/L	10.00	ND	75.4	70-130			
1,1-Dichloroethane	9.60	1.0	µg/L	10.00	ND	96.0	70-130			
1,2-Dichloroethane	8.68	1.0	µg/L	10.00	ND	86.8	70-130			
1,1-Dichloroethylene	9.63	1.0	µg/L	10.00	ND	96.3	70-130			
cis-1,2-Dichloroethylene	9.27	1.0	µg/L	10.00	ND	92.7	70-130			
trans-1,2-Dichloroethylene	10.1	1.0	µg/L	10.00	ND	101	70-130			
1,2-Dichloropropane	10.5	1.0	µg/L	10.00	ND	105	70-130			
cis-1,3-Dichloropropene	9.42	0.50	µg/L	10.00	ND	94.2	70-130			
trans-1,3-Dichloropropene	9.21	0.50	µg/L	10.00	ND	92.1	70-130			
Ethylbenzene	10.8	1.0	µg/L	10.00	ND	108	70-130			
Ethylbenzene	10.8	1.0	µg/L	10.00	ND	108	70-130			
Ethylbenzene	10.8	1.0	µg/L	10.00	ND	108	70-130			
Ethylbenzene	10.8	1.0	µg/L	10.00	ND	108	70-130			
2-Hexanone (MBK)	95.7	10	µg/L	100.0	ND	95.7	70-130			
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.00	ND	110	70-130			
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.00	ND	110	70-130			
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.00	ND	110	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430574 - SW-846 5030B										
Matrix Spike (B430574-MS1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/20/26						
Isopropylbenzene (Cumene)	11.0	1.0	µg/L	10.00	ND	110	70-130			
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.00	ND	113	70-130			
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.00	ND	113	70-130			
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.00	ND	113	70-130			
p-Isopropyltoluene (p-Cymene)	11.3	1.0	µg/L	10.00	ND	113	70-130			
Methyl Acetate	6.79	1.0	µg/L	10.00	ND	67.9 *	70-130			MS-24
Methyl tert-Butyl Ether (MTBE)	8.85	1.0	µg/L	10.00	ND	88.5	70-130			
Methyl tert-Butyl Ether (MTBE)	8.85	1.0	µg/L	10.00	ND	88.5	70-130			
Methyl tert-Butyl Ether (MTBE)	8.85	1.0	µg/L	10.00	ND	88.5	70-130			
Methyl tert-Butyl Ether (MTBE)	8.85	1.0	µg/L	10.00	ND	88.5	70-130			
Methyl Cyclohexane	7.54	1.0	µg/L	10.00	ND	75.4	70-130			
Methylene Chloride	9.70	5.0	µg/L	10.00	ND	97.0	70-130			
4-Methyl-2-pentanone (MIBK)	95.6	10	µg/L	100.0	ND	95.6	70-130			
Naphthalene	8.41	2.0	µg/L	10.00	ND	84.1	70-130			
Naphthalene	8.41	2.0	µg/L	10.00	ND	84.1	70-130			
Naphthalene	8.41	2.0	µg/L	10.00	ND	84.1	70-130			
Naphthalene	8.41	2.0	µg/L	10.00	ND	84.1	70-130			
n-Propylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
n-Propylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
n-Propylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
n-Propylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
Styrene	10.6	1.0	µg/L	10.00	ND	106	70-130			
1,1,2,2-Tetrachloroethane	10.3	0.50	µg/L	10.00	ND	103	70-130			
Tetrachloroethylene	10.5	1.0	µg/L	10.00	ND	105	70-130			
Toluene	10.3	1.0	µg/L	10.00	ND	103	70-130			
Toluene	10.3	1.0	µg/L	10.00	ND	103	70-130			
Toluene	10.3	1.0	µg/L	10.00	ND	103	70-130			
Toluene	10.3	1.0	µg/L	10.00	ND	103	70-130			
1,2,3-Trichlorobenzene	7.53	5.0	µg/L	10.00	ND	75.3	70-130			
1,2,4-Trichlorobenzene	10.5	1.0	µg/L	10.00	ND	105	70-130			
1,1,1-Trichloroethane	9.42	1.0	µg/L	10.00	ND	94.2	70-130			
1,1,2-Trichloroethane	9.73	1.0	µg/L	10.00	ND	97.3	70-130			
Trichloroethylene	10.2	1.0	µg/L	10.00	ND	102	70-130			
Trichlorofluoromethane (Freon 11)	7.88	2.0	µg/L	10.00	ND	78.8	70-130			
1,2,3-Trichloropropane	12.4	2.0	µg/L	10.00	ND	124	70-130			V-20
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.75	1.0	µg/L	10.00	ND	77.5	70-130			
1,2,4-Trimethylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
1,2,4-Trimethylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
1,2,4-Trimethylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
1,2,4-Trimethylbenzene	11.6	1.0	µg/L	10.00	ND	116	70-130			
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
1,3,5-Trimethylbenzene	10.7	1.0	µg/L	10.00	ND	107	70-130			
Vinyl Chloride	9.51	2.0	µg/L	10.00	ND	95.1	70-130			
m+p Xylene	21.7	2.0	µg/L	20.00	ND	109	70-130			
m+p Xylene	21.7	2.0	µg/L	20.00	ND	109	70-130			
m+p Xylene	21.7	2.0	µg/L	20.00	ND	109	70-130			
m+p Xylene	21.7	2.0	µg/L	20.00	ND	109	70-130			
o-Xylene	10.9	1.0	µg/L	10.00	ND	109	70-130			
o-Xylene	10.9	1.0	µg/L	10.00	ND	109	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430574 - SW-846 5030B										
Matrix Spike (B430574-MS1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/20/26						
o-Xylene	10.9	1.0	µg/L	10.00	ND	109	70-130			
o-Xylene	10.9	1.0	µg/L	10.00	ND	109	70-130			
Xylenes (total)	32.6	1.0	µg/L	30.00	ND	109	0-200			
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	23.9		µg/L	25.00		95.4	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.7	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.7	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.7	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.7	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.7	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.7	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.7	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.7	70-130			
Matrix Spike Dup (B430574-MSD1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/20/26						
Acetone	82.5	50	µg/L	100.0	ND	82.5	70-130	0.977	30	V-05
Benzene	10.1	1.0	µg/L	10.00	ND	101	70-130	1.86	30	
Benzene	10.1	1.0	µg/L	10.00	ND	101	70-130	1.86	30	
Benzene	10.1	1.0	µg/L	10.00	ND	101	70-130	1.86	20	
Benzene	10.1	1.0	µg/L	10.00	ND	101	70-130	1.86	20	
Bromochloromethane	10.2	1.0	µg/L	10.00	ND	102	70-130	5.54	30	
Bromodichloromethane	9.23	0.50	µg/L	10.00	ND	92.3	70-130	2.78	30	
Bromoform	9.70	1.0	µg/L	10.00	ND	97.0	70-130	2.75	30	
Bromomethane	8.90	2.0	µg/L	10.00	ND	89.0	70-130	7.10	30	
2-Butanone (MEK)	85.0	20	µg/L	100.0	ND	85.0	70-130	1.29	30	
n-Butylbenzene	10.1	1.0	µg/L	10.00	ND	101	70-130	4.56	30	
n-Butylbenzene	10.1	1.0	µg/L	10.00	ND	101	70-130	4.56	30	
n-Butylbenzene	10.1	1.0	µg/L	10.00	ND	101	70-130	4.56	30	
n-Butylbenzene	10.1	1.0	µg/L	10.00	ND	101	70-130	4.56	30	
sec-Butylbenzene	11.0	1.0	µg/L	10.00	ND	110	70-130	3.12	20	
sec-Butylbenzene	11.0	1.0	µg/L	10.00	ND	110	70-130	3.12	30	
sec-Butylbenzene	11.0	1.0	µg/L	10.00	ND	110	70-130	3.12	30	
sec-Butylbenzene	11.0	1.0	µg/L	10.00	ND	110	70-130	3.12	20	
tert-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130	2.18	30	
tert-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130	2.18	30	
tert-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130	2.18	20	
tert-Butylbenzene	11.4	1.0	µg/L	10.00	ND	114	70-130	2.18	20	
Carbon Disulfide	113	5.0	µg/L	100.0	ND	113	70-130	0.897	30	
Carbon Tetrachloride	9.10	5.0	µg/L	10.00	ND	91.0	70-130	6.94	30	
Chlorobenzene	11.3	1.0	µg/L	10.00	0.870	105	70-130	4.31	30	
Chlorodibromomethane	9.44	0.50	µg/L	10.00	ND	94.4	70-130	2.41	30	
Chloroethane	10.3	2.0	µg/L	10.00	ND	103	70-130	3.63	30	
Chloroform	9.32	2.0	µg/L	10.00	ND	93.2	70-130	3.05	30	
Chloromethane	9.89	2.0	µg/L	10.00	ND	98.9	70-130	4.35	30	
Cyclohexane	8.60	5.0	µg/L	10.00	ND	86.0	70-130	11.3	30	
1,2-Dibromo-3-chloropropane (DBCP)	8.72	5.0	µg/L	10.00	ND	87.2	70-130	4.37	30	
1,2-Dibromoethane (EDB)	9.76	0.50	µg/L	10.00	ND	97.6	70-130	1.83	30	
1,2-Dichlorobenzene	11.5	1.0	µg/L	10.00	ND	115	70-130	3.67	30	
1,3-Dichlorobenzene	11.2	1.0	µg/L	10.00	ND	112	70-130	3.92	30	
1,4-Dichlorobenzene	11.5	1.0	µg/L	10.00	0.240	113	70-130	3.33	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430574 - SW-846 5030B										
Matrix Spike Dup (B430574-MSD1)		Source: 26F1604-03		Prepared: 06/18/26 Analyzed: 06/20/26						
Dichlorodifluoromethane (Freon 12)	8.91	2.0	µg/L	10.00	ND	89.1	70-130	16.7	30	
1,1-Dichloroethane	9.65	1.0	µg/L	10.00	ND	96.5	70-130	0.519	30	
1,2-Dichloroethane	8.53	1.0	µg/L	10.00	ND	85.3	70-130	1.74	30	
1,1-Dichloroethylene	9.87	1.0	µg/L	10.00	ND	98.7	70-130	2.46	30	
cis-1,2-Dichloroethylene	9.01	1.0	µg/L	10.00	ND	90.1	70-130	2.84	30	
trans-1,2-Dichloroethylene	9.82	1.0	µg/L	10.00	ND	98.2	70-130	3.21	30	
1,2-Dichloropropane	10.0	1.0	µg/L	10.00	ND	100	70-130	4.69	30	
cis-1,3-Dichloropropene	9.05	0.50	µg/L	10.00	ND	90.5	70-130	4.01	30	
trans-1,3-Dichloropropene	8.99	0.50	µg/L	10.00	ND	89.9	70-130	2.42	30	
Ethylbenzene	10.4	1.0	µg/L	10.00	ND	104	70-130	4.14	30	
Ethylbenzene	10.4	1.0	µg/L	10.00	ND	104	70-130	4.14	20	
Ethylbenzene	10.4	1.0	µg/L	10.00	ND	104	70-130	4.14	20	
Ethylbenzene	10.4	1.0	µg/L	10.00	ND	104	70-130	4.14	30	
2-Hexanone (MBK)	94.9	10	µg/L	100.0	ND	94.9	70-130	0.808	30	
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00	ND	105	70-130	4.76	80	
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00	ND	105	70-130	4.76	80	
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00	ND	105	70-130	4.76	30	
Isopropylbenzene (Cumene)	10.5	1.0	µg/L	10.00	ND	105	70-130	4.76	30	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00	ND	109	70-130	3.88	30	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00	ND	109	70-130	3.88	30	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00	ND	109	70-130	3.88	20	
p-Isopropyltoluene (p-Cymene)	10.9	1.0	µg/L	10.00	ND	109	70-130	3.88	20	
Methyl Acetate	7.06	1.0	µg/L	10.00	ND	70.6	70-130	3.90	30	
Methyl tert-Butyl Ether (MTBE)	8.95	1.0	µg/L	10.00	ND	89.5	70-130	1.12	30	
Methyl tert-Butyl Ether (MTBE)	8.95	1.0	µg/L	10.00	ND	89.5	70-130	1.12	30	
Methyl tert-Butyl Ether (MTBE)	8.95	1.0	µg/L	10.00	ND	89.5	70-130	1.12	20	
Methyl tert-Butyl Ether (MTBE)	8.95	1.0	µg/L	10.00	ND	89.5	70-130	1.12	20	
Methyl Cyclohexane	8.35	1.0	µg/L	10.00	ND	83.5	70-130	10.2	30	
Methylene Chloride	9.41	5.0	µg/L	10.00	ND	94.1	70-130	3.04	30	
4-Methyl-2-pentanone (MIBK)	94.8	10	µg/L	100.0	ND	94.8	70-130	0.840	30	
Naphthalene	8.97	2.0	µg/L	10.00	ND	89.7	70-130	6.44	20	
Naphthalene	8.97	2.0	µg/L	10.00	ND	89.7	70-130	6.44	30	
Naphthalene	8.97	2.0	µg/L	10.00	ND	89.7	70-130	6.44	20	
Naphthalene	8.97	2.0	µg/L	10.00	ND	89.7	70-130	6.44	30	
n-Propylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.98	30	
n-Propylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.98	30	
n-Propylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.98	30	
n-Propylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.98	30	
Styrene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.05	30	
1,1,2,2-Tetrachloroethane	10.0	0.50	µg/L	10.00	ND	100	70-130	3.05	30	
Tetrachloroethylene	10.1	1.0	µg/L	10.00	ND	101	70-130	3.88	30	
Toluene	9.94	1.0	µg/L	10.00	ND	99.4	70-130	3.17	30	
Toluene	9.94	1.0	µg/L	10.00	ND	99.4	70-130	3.17	30	
Toluene	9.94	1.0	µg/L	10.00	ND	99.4	70-130	3.17	20	
Toluene	9.94	1.0	µg/L	10.00	ND	99.4	70-130	3.17	20	
1,2,3-Trichlorobenzene	8.42	5.0	µg/L	10.00	ND	84.2	70-130	11.2	30	
1,2,4-Trichlorobenzene	10.4	1.0	µg/L	10.00	ND	104	70-130	0.671	30	
1,1,1-Trichloroethane	9.64	1.0	µg/L	10.00	ND	96.4	70-130	2.31	30	
1,1,2-Trichloroethane	9.67	1.0	µg/L	10.00	ND	96.7	70-130	0.619	30	
Trichloroethylene	10.1	1.0	µg/L	10.00	ND	101	70-130	1.08	30	
Trichlorofluoromethane (Freon 11)	8.98	2.0	µg/L	10.00	ND	89.8	70-130	13.0	30	
1,2,3-Trichloropropane	12.1	2.0	µg/L	10.00	ND	121	70-130	2.04	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430574 - SW-846 5030B

Matrix Spike Dup (B430574-MSD1)		Source: 26F1604-03		Prepared: 06/18/26 Analyzed: 06/20/26						
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	8.64	1.0	µg/L	10.00	ND	86.4	70-130	10.9	30	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.00	ND	111	70-130	4.30	30	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.00	ND	111	70-130	4.30	30	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.00	ND	111	70-130	4.30	20	
1,2,4-Trimethylbenzene	11.1	1.0	µg/L	10.00	ND	111	70-130	4.30	20	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.41	20	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.41	30	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.41	20	
1,3,5-Trimethylbenzene	10.2	1.0	µg/L	10.00	ND	102	70-130	4.41	30	
Vinyl Chloride	9.66	2.0	µg/L	10.00	ND	96.6	70-130	1.56	30	
m+p Xylene	20.9	2.0	µg/L	20.00	ND	105	70-130	3.89	20	
m+p Xylene	20.9	2.0	µg/L	20.00	ND	105	70-130	3.89	20	
m+p Xylene	20.9	2.0	µg/L	20.00	ND	105	70-130	3.89	20	
m+p Xylene	20.9	2.0	µg/L	20.00	ND	105	70-130	3.89	20	
o-Xylene	10.5	1.0	µg/L	10.00	ND	105	70-130	3.64	20	
o-Xylene	10.5	1.0	µg/L	10.00	ND	105	70-130	3.64	30	
o-Xylene	10.5	1.0	µg/L	10.00	ND	105	70-130	3.64	20	
o-Xylene	10.5	1.0	µg/L	10.00	ND	105	70-130	3.64	30	
Xylenes (total)	31.4	1.0	µg/L	30.00	ND	105	0-200	3.81		
Surrogate: 1,2-Dichloroethane-d4	24.2		µg/L	25.00		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.2		µg/L	25.00		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.2		µg/L	25.00		97.0	70-130			
Surrogate: 1,2-Dichloroethane-d4	24.2		µg/L	25.00		97.0	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.8	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.8	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.8	70-130			
Surrogate: Toluene-d8	24.7		µg/L	25.00		98.8	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.6	70-130			
Surrogate: 4-Bromofluorobenzene	23.9		µg/L	25.00		95.6	70-130			

Batch B430787 - SW-846 5030B

Blank (B430787-BLK1)		Prepared & Analyzed: 06/22/26								
Acetone	ND	50	µg/L							
Benzene	ND	1.0	µg/L							
Benzene	ND	1.0	µg/L							
Bromochloromethane	ND	1.0	µg/L							
Bromodichloromethane	ND	0.50	µg/L							
Bromoform	ND	1.0	µg/L							V-05
Bromomethane	ND	2.0	µg/L							
2-Butanone (MEK)	ND	20	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
n-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
sec-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
tert-Butylbenzene	ND	1.0	µg/L							
Carbon Disulfide	ND	5.0	µg/L							
Carbon Tetrachloride	ND	5.0	µg/L							
Chlorobenzene	ND	1.0	µg/L							

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430787 - SW-846 5030B										
Blank (B430787-BLK1)				Prepared & Analyzed: 06/22/26						
Chlorodibromomethane	ND	0.50	µg/L							
Chloroethane	ND	2.0	µg/L							
Chloroform	ND	2.0	µg/L							
Chloromethane	ND	2.0	µg/L							
Cyclohexane	ND	5.0	µg/L							
1,2-Dibromo-3-chloropropane (DBCP)	ND	5.0	µg/L							
1,2-Dibromoethane (EDB)	ND	0.50	µg/L							
1,2-Dichlorobenzene	ND	1.0	µg/L							
1,3-Dichlorobenzene	ND	1.0	µg/L							
1,4-Dichlorobenzene	ND	1.0	µg/L							
Dichlorodifluoromethane (Freon 12)	ND	2.0	µg/L							
1,1-Dichloroethane	ND	1.0	µg/L							
1,2-Dichloroethane	ND	1.0	µg/L							
1,1-Dichloroethylene	ND	1.0	µg/L							
cis-1,2-Dichloroethylene	ND	1.0	µg/L							
trans-1,2-Dichloroethylene	ND	1.0	µg/L							
1,2-Dichloropropane	ND	1.0	µg/L							
cis-1,3-Dichloropropene	ND	0.50	µg/L							
trans-1,3-Dichloropropene	ND	0.50	µg/L							
Ethylbenzene	ND	1.0	µg/L							
Ethylbenzene	ND	1.0	µg/L							
2-Hexanone (MBK)	ND	10	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
Isopropylbenzene (Cumene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
p-Isopropyltoluene (p-Cymene)	ND	1.0	µg/L							
Methyl Acetate	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl tert-Butyl Ether (MTBE)	ND	1.0	µg/L							
Methyl Cyclohexane	ND	1.0	µg/L							
Methylene Chloride	ND	5.0	µg/L							
4-Methyl-2-pentanone (MIBK)	ND	10	µg/L							
Naphthalene	ND	2.0	µg/L							V-05
Naphthalene	ND	2.0	µg/L							V-05
n-Propylbenzene	ND	1.0	µg/L							
n-Propylbenzene	ND	1.0	µg/L							
Styrene	ND	1.0	µg/L							
1,1,2,2-Tetrachloroethane	ND	0.50	µg/L							
Tetrachloroethylene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
Toluene	ND	1.0	µg/L							
1,2,3-Trichlorobenzene	ND	5.0	µg/L							V-05
1,2,4-Trichlorobenzene	ND	1.0	µg/L							V-05
1,1,1-Trichloroethane	ND	1.0	µg/L							
1,1,2-Trichloroethane	ND	1.0	µg/L							
Trichloroethylene	ND	1.0	µg/L							
Trichlorofluoromethane (Freon 11)	ND	2.0	µg/L							
1,2,3-Trichloropropane	ND	2.0	µg/L							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							
1,2,4-Trimethylbenzene	ND	1.0	µg/L							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430787 - SW-846 5030B

Blank (B430787-BLK1)

Prepared & Analyzed: 06/22/26

1,3,5-Trimethylbenzene	ND	1.0	µg/L							
1,3,5-Trimethylbenzene	ND	1.0	µg/L							
Vinyl Chloride	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
m+p Xylene	ND	2.0	µg/L							
o-Xylene	ND	1.0	µg/L							
o-Xylene	ND	1.0	µg/L							
Xylenes (total)	ND	1.0	µg/L							
Surrogate: 1,2-Dichloroethane-d4	26.7		µg/L	25.00		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	26.7		µg/L	25.00		107	70-130			
Surrogate: Toluene-d8	25.8		µg/L	25.00		103	70-130			
Surrogate: Toluene-d8	25.8		µg/L	25.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	70-130			

LCS (B430787-BS1)

Prepared & Analyzed: 06/22/26

Acetone	97.2	50	µg/L	100.0		97.2	70-160			†
Benzene	11.8	1.0	µg/L	10.00		118	70-130			
Benzene	11.8	1.0	µg/L	10.00		118	70-130			
Bromochloromethane	12.6	1.0	µg/L	10.00		126	70-130			V-20
Bromodichloromethane	10.2	0.50	µg/L	10.00		102	70-130			
Bromoform	6.73	1.0	µg/L	10.00		67.3 *	70-130			V-05, L-07
Bromomethane	10.2	2.0	µg/L	10.00		102	40-160			†
2-Butanone (MEK)	99.7	20	µg/L	100.0		99.7	40-160			†
n-Butylbenzene	9.49	1.0	µg/L	10.00		94.9	70-130			
n-Butylbenzene	9.49	1.0	µg/L	10.00		94.9	70-130			
sec-Butylbenzene	9.94	1.0	µg/L	10.00		99.4	70-130			
sec-Butylbenzene	9.94	1.0	µg/L	10.00		99.4	70-130			
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130			
Carbon Disulfide	106	5.0	µg/L	100.0		106	70-130			
Carbon Tetrachloride	10.3	5.0	µg/L	10.00		103	70-130			
Chlorobenzene	9.66	1.0	µg/L	10.00		96.6	70-130			
Chlorodibromomethane	8.99	0.50	µg/L	10.00		89.9	70-130			
Chloroethane	10.6	2.0	µg/L	10.00		106	70-130			
Chloroform	11.6	2.0	µg/L	10.00		116	70-130			
Chloromethane	9.07	2.0	µg/L	10.00		90.7	40-160			†
Cyclohexane	10.6	5.0	µg/L	10.00		106	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	8.37	5.0	µg/L	10.00		83.7	70-130			
1,2-Dibromoethane (EDB)	10.1	0.50	µg/L	10.00		101	70-130			
1,2-Dichlorobenzene	10.3	1.0	µg/L	10.00		103	70-130			
1,3-Dichlorobenzene	9.70	1.0	µg/L	10.00		97.0	70-130			
1,4-Dichlorobenzene	9.07	1.0	µg/L	10.00		90.7	70-130			
Dichlorodifluoromethane (Freon 12)	10.5	2.0	µg/L	10.00		105	40-160			†
1,1-Dichloroethane	11.4	1.0	µg/L	10.00		114	70-130			
1,2-Dichloroethane	10.1	1.0	µg/L	10.00		101	70-130			
1,1-Dichloroethylene	10.8	1.0	µg/L	10.00		108	70-130			
cis-1,2-Dichloroethylene	11.7	1.0	µg/L	10.00		117	70-130			
trans-1,2-Dichloroethylene	10.7	1.0	µg/L	10.00		107	70-130			
1,2-Dichloropropane	10.4	1.0	µg/L	10.00		104	70-130			
cis-1,3-Dichloropropene	11.2	0.50	µg/L	10.00		112	70-130			
trans-1,3-Dichloropropene	10.8	0.50	µg/L	10.00		108	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430787 - SW-846 5030B										
LCS (B430787-BS1)				Prepared & Analyzed: 06/22/26						
Ethylbenzene	9.96	1.0	µg/L	10.00		99.6	70-130			
Ethylbenzene	9.96	1.0	µg/L	10.00		99.6	70-130			
2-Hexanone (MBK)	85.0	10	µg/L	100.0		85.0	70-160			†
Isopropylbenzene (Cumene)	9.83	1.0	µg/L	10.00		98.3	70-130			
Isopropylbenzene (Cumene)	9.83	1.0	µg/L	10.00		98.3	70-130			
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.00		102	70-130			
p-Isopropyltoluene (p-Cymene)	10.2	1.0	µg/L	10.00		102	70-130			
Methyl Acetate	8.12	1.0	µg/L	10.00		81.2	70-130			
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.00		106	70-130			
Methyl tert-Butyl Ether (MTBE)	10.6	1.0	µg/L	10.00		106	70-130			
Methyl Cyclohexane	10.5	1.0	µg/L	10.00		105	70-130			
Methylene Chloride	10.9	5.0	µg/L	10.00		109	70-130			
4-Methyl-2-pentanone (MIBK)	90.8	10	µg/L	100.0		90.8	70-160			†
Naphthalene	5.77	2.0	µg/L	10.00		57.7	40-130		V-05	†
Naphthalene	5.77	2.0	µg/L	10.00		57.7	40-130		V-05	†
n-Propylbenzene	9.70	1.0	µg/L	10.00		97.0	70-130			
n-Propylbenzene	9.70	1.0	µg/L	10.00		97.0	70-130			
Styrene	9.79	1.0	µg/L	10.00		97.9	70-130			
1,1,2,2-Tetrachloroethane	8.64	0.50	µg/L	10.00		86.4	70-130			
Tetrachloroethylene	10.0	1.0	µg/L	10.00		100	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
Toluene	10.6	1.0	µg/L	10.00		106	70-130			
1,2,3-Trichlorobenzene	8.16	5.0	µg/L	10.00		81.6	70-130		V-05	
1,2,4-Trichlorobenzene	7.61	1.0	µg/L	10.00		76.1	70-130		V-05	
1,1,1-Trichloroethane	10.9	1.0	µg/L	10.00		109	70-130			
1,1,2-Trichloroethane	10.4	1.0	µg/L	10.00		104	70-130			
Trichloroethylene	10.4	1.0	µg/L	10.00		104	70-130			
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.00		110	70-130			
1,2,3-Trichloropropane	7.56	2.0	µg/L	10.00		75.6	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.53	1.0	µg/L	10.00		95.3	70-130			
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,2,4-Trimethylbenzene	10.5	1.0	µg/L	10.00		105	70-130			
1,3,5-Trimethylbenzene	9.97	1.0	µg/L	10.00		99.7	70-130			
1,3,5-Trimethylbenzene	9.97	1.0	µg/L	10.00		99.7	70-130			
Vinyl Chloride	10.7	2.0	µg/L	10.00		107	40-160			†
m+p Xylene	19.7	2.0	µg/L	20.00		98.3	70-130			
m+p Xylene	19.7	2.0	µg/L	20.00		98.3	70-130			
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130			
o-Xylene	10.2	1.0	µg/L	10.00		102	70-130			
Xylenes (total)	29.9	1.0	µg/L	30.00		99.7	0-200			
Surrogate: 1,2-Dichloroethane-d4	27.4		µg/L	25.00		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	27.4		µg/L	25.00		109	70-130			
Surrogate: Toluene-d8	26.2		µg/L	25.00		105	70-130			
Surrogate: Toluene-d8	26.2		µg/L	25.00		105	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.00		99.6	70-130			
Surrogate: 4-Bromofluorobenzene	24.9		µg/L	25.00		99.6	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430787 - SW-846 5030B										
LCS Dup (B430787-BSD1)				Prepared & Analyzed: 06/22/26						
Acetone	105	50	µg/L	100.0		105	70-160	7.60	25	†
Benzene	11.9	1.0	µg/L	10.00		119	70-130	1.10	25	
Benzene	11.9	1.0	µg/L	10.00		119	70-130	1.10	25	
Bromochloromethane	12.6	1.0	µg/L	10.00		126	70-130	0.239	25	V-20
Bromodichloromethane	10.3	0.50	µg/L	10.00		103	70-130	1.27	25	
Bromoform	7.11	1.0	µg/L	10.00		71.1	70-130	5.49	25	V-05
Bromomethane	10.4	2.0	µg/L	10.00		104	40-160	1.26	25	†
2-Butanone (MEK)	110	20	µg/L	100.0		110	40-160	9.51	25	†
n-Butylbenzene	9.27	1.0	µg/L	10.00		92.7	70-130	2.35	25	
n-Butylbenzene	9.27	1.0	µg/L	10.00		92.7	70-130	2.35	25	
sec-Butylbenzene	10.0	1.0	µg/L	10.00		100	70-130	0.901	25	
sec-Butylbenzene	10.0	1.0	µg/L	10.00		100	70-130	0.901	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.0957	25	
tert-Butylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.0957	25	
Carbon Disulfide	108	5.0	µg/L	100.0		108	70-130	1.88	25	
Carbon Tetrachloride	10.3	5.0	µg/L	10.00		103	70-130	0.291	25	
Chlorobenzene	9.82	1.0	µg/L	10.00		98.2	70-130	1.64	25	
Chlorodibromomethane	9.14	0.50	µg/L	10.00		91.4	70-130	1.65	25	
Chloroethane	10.4	2.0	µg/L	10.00		104	70-130	2.76	25	
Chloroform	11.9	2.0	µg/L	10.00		119	70-130	2.81	25	
Chloromethane	9.31	2.0	µg/L	10.00		93.1	40-160	2.61	25	†
Cyclohexane	10.7	5.0	µg/L	10.00		107	70-130	1.22	25	
1,2-Dibromo-3-chloropropane (DBCP)	8.21	5.0	µg/L	10.00		82.1	70-130	1.93	25	
1,2-Dibromoethane (EDB)	10.2	0.50	µg/L	10.00		102	70-130	1.28	25	
1,2-Dichlorobenzene	9.61	1.0	µg/L	10.00		96.1	70-130	7.12	25	
1,3-Dichlorobenzene	9.75	1.0	µg/L	10.00		97.5	70-130	0.514	25	
1,4-Dichlorobenzene	9.17	1.0	µg/L	10.00		91.7	70-130	1.10	25	
Dichlorodifluoromethane (Freon 12)	10.7	2.0	µg/L	10.00		107	40-160	1.79	25	†
1,1-Dichloroethane	11.5	1.0	µg/L	10.00		115	70-130	0.876	25	
1,2-Dichloroethane	10.1	1.0	µg/L	10.00		101	70-130	0.792	25	
1,1-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130	2.29	25	
cis-1,2-Dichloroethylene	11.9	1.0	µg/L	10.00		119	70-130	1.61	25	
trans-1,2-Dichloroethylene	11.0	1.0	µg/L	10.00		110	70-130	2.86	25	
1,2-Dichloropropane	11.0	1.0	µg/L	10.00		110	70-130	5.42	25	
cis-1,3-Dichloropropene	11.4	0.50	µg/L	10.00		114	70-130	1.59	25	
trans-1,3-Dichloropropene	11.1	0.50	µg/L	10.00		111	70-130	2.37	25	
Ethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	0.999	25	
Ethylbenzene	10.1	1.0	µg/L	10.00		101	70-130	0.999	25	
2-Hexanone (MBK)	94.3	10	µg/L	100.0		94.3	70-160	10.4	25	†
Isopropylbenzene (Cumene)	9.87	1.0	µg/L	10.00		98.7	70-130	0.406	25	
Isopropylbenzene (Cumene)	9.87	1.0	µg/L	10.00		98.7	70-130	0.406	25	
p-Isopropyltoluene (p-Cymene)	10.0	1.0	µg/L	10.00		100	70-130	2.37	25	
p-Isopropyltoluene (p-Cymene)	10.0	1.0	µg/L	10.00		100	70-130	2.37	25	
Methyl Acetate	8.76	1.0	µg/L	10.00		87.6	70-130	7.58	25	
Methyl tert-Butyl Ether (MTBE)	10.9	1.0	µg/L	10.00		109	70-130	3.35	25	
Methyl tert-Butyl Ether (MTBE)	10.9	1.0	µg/L	10.00		109	70-130	3.35	25	
Methyl Cyclohexane	10.7	1.0	µg/L	10.00		107	70-130	1.60	25	
Methylene Chloride	11.0	5.0	µg/L	10.00		110	70-130	0.183	25	
4-Methyl-2-pentanone (MIBK)	97.8	10	µg/L	100.0		97.8	70-160	7.42	25	†
Naphthalene	5.80	2.0	µg/L	10.00		58.0	40-130	0.519	25	V-05 †
Naphthalene	5.80	2.0	µg/L	10.00		58.0	40-130	0.519	25	V-05 †
n-Propylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130	1.84	25	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430787 - SW-846 5030B										
LCS Dup (B430787-BSD1)				Prepared & Analyzed: 06/22/26						
n-Propylbenzene	9.88	1.0	µg/L	10.00		98.8	70-130	1.84	25	
Styrene	9.67	1.0	µg/L	10.00		96.7	70-130	1.23	25	
1,1,2,2-Tetrachloroethane	8.88	0.50	µg/L	10.00		88.8	70-130	2.74	25	
Tetrachloroethylene	10.2	1.0	µg/L	10.00		102	70-130	1.97	25	
Toluene	10.6	1.0	µg/L	10.00		106	70-130	0.661	25	
Toluene	10.6	1.0	µg/L	10.00		106	70-130	0.661	25	
1,2,3-Trichlorobenzene	7.71	5.0	µg/L	10.00		77.1	70-130	5.67	25	V-05
1,2,4-Trichlorobenzene	7.41	1.0	µg/L	10.00		74.1	70-130	2.66	25	V-05
1,1,1-Trichloroethane	11.3	1.0	µg/L	10.00		113	70-130	3.69	25	
1,1,2-Trichloroethane	10.5	1.0	µg/L	10.00		105	70-130	1.15	25	
Trichloroethylene	10.7	1.0	µg/L	10.00		107	70-130	1.99	25	
Trichlorofluoromethane (Freon 11)	11.0	2.0	µg/L	10.00		110	70-130	0.818	25	
1,2,3-Trichloropropane	7.77	2.0	µg/L	10.00		77.7	70-130	2.74	25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0	1.0	µg/L	10.00		100	70-130	5.21	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.955	25	
1,2,4-Trimethylbenzene	10.4	1.0	µg/L	10.00		104	70-130	0.955	25	
1,3,5-Trimethylbenzene	9.91	1.0	µg/L	10.00		99.1	70-130	0.604	25	
1,3,5-Trimethylbenzene	9.91	1.0	µg/L	10.00		99.1	70-130	0.604	25	
Vinyl Chloride	11.0	2.0	µg/L	10.00		110	40-160	2.94	25	†
m+p Xylene	19.5	2.0	µg/L	20.00		97.6	70-130	0.715	25	
m+p Xylene	19.5	2.0	µg/L	20.00		97.6	70-130	0.715	25	
o-Xylene	10.1	1.0	µg/L	10.00		101	70-130	1.77	25	
o-Xylene	10.1	1.0	µg/L	10.00		101	70-130	1.77	25	
Xylenes (total)	29.6	1.0	µg/L	30.00		98.6	0-200	1.08		
Surrogate: 1,2-Dichloroethane-d4	26.0		µg/L	25.00		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	26.0		µg/L	25.00		104	70-130			
Surrogate: Toluene-d8	25.7		µg/L	25.00		103	70-130			
Surrogate: Toluene-d8	25.7		µg/L	25.00		103	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	70-130			
Surrogate: 4-Bromofluorobenzene	25.2		µg/L	25.00		101	70-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430514 - SW-846 3510C

Blank (B430514-BLK1)

Prepared: 06/18/26 Analyzed: 06/19/26

Acenaphthene	ND	5.0	µg/L							
Acenaphthylene	ND	5.0	µg/L							
Acetophenone	ND	10	µg/L							
Aniline	ND	20	µg/L							
Anthracene	ND	5.0	µg/L							
Benzo(a)anthracene	ND	5.0	µg/L							
Benzo(a)pyrene	ND	5.0	µg/L							
Benzo(b)fluoranthene	ND	5.0	µg/L							
Benzo(g,h,i)perylene	ND	5.0	µg/L							
Benzo(k)fluoranthene	ND	5.0	µg/L							
Biphenyl	ND	20	µg/L							
Bis(2-chloroethoxy)methane	ND	10	µg/L							
Bis(2-chloroethyl)ether	ND	10	µg/L							
2,2'-oxybis(1-Chloropropane)	ND	10	µg/L							
Bis(2-Ethylhexyl)phthalate	ND	10	µg/L							
4-Bromophenylphenylether	ND	10	µg/L							
Butylbenzylphthalate	ND	10	µg/L							
Carbazole	ND	10	µg/L							
4-Chloro-3-methylphenol	ND	10	µg/L							
4-Chloroaniline	ND	10	µg/L							
2-Chloronaphthalene	ND	10	µg/L							
2-Chlorophenol	ND	10	µg/L							
4-Chlorophenylphenylether	ND	10	µg/L							
Chrysene	ND	5.0	µg/L							
Dibenz(a,h)anthracene	ND	5.0	µg/L							
Dibenzofuran	ND	5.0	µg/L							
3,3'-Dichlorobenzidine	ND	10	µg/L							V-20
2,4-Dichlorophenol	ND	10	µg/L							
Diethylphthalate	ND	10	µg/L							
Hexachlorobenzene	ND	10	µg/L							
2,4-Dimethylphenol	ND	10	µg/L							
Dimethylphthalate	ND	10	µg/L							
Di-n-butylphthalate	ND	10	µg/L							
4,6-Dinitro-2-methylphenol	ND	20	µg/L							
2,4-Dinitrophenol	ND	20	µg/L							V-20
2,4-Dinitrotoluene	ND	10	µg/L							V-20
2,6-Dinitrotoluene	ND	10	µg/L							
Di-n-octylphthalate	ND	10	µg/L							
Fluoranthene	ND	5.0	µg/L							
Fluorene	ND	5.0	µg/L							
Hexachlorobutadiene	ND	10	µg/L							L-04
Hexachlorocyclopentadiene	ND	10	µg/L							
Hexachloroethane	ND	10	µg/L							L-04
Indeno(1,2,3-cd)pyrene	ND	5.0	µg/L							
Isophorone	ND	10	µg/L							
1-Methylnaphthalene	ND	5.0	µg/L							
2-Methylnaphthalene	ND	5.0	µg/L							
2-Methylphenol	ND	10	µg/L							
3/4-Methylphenol	ND	10	µg/L							
Naphthalene	ND	5.0	µg/L							
2-Nitroaniline	ND	10	µg/L							
3-Nitroaniline	ND	10	µg/L							

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QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430514 - SW-846 3510C										
Blank (B430514-BLK1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
4-Nitroaniline	ND	10	µg/L							
Nitrobenzene	ND	10	µg/L							
2-Nitrophenol	ND	10	µg/L							
4-Nitrophenol	ND	10	µg/L							
N-Nitrosodi-n-propylamine	ND	10	µg/L							
N-Nitrosodiphenylamine/Diphenylamine	ND	10	µg/L							
Pentachlorophenol	ND	10	µg/L							
Phenanthrene	ND	5.0	µg/L							
Phenol	ND	10	µg/L							
Pyrene	ND	5.0	µg/L							
Pyridine	ND	20	µg/L							
1,2,4,5-Tetrachlorobenzene	ND	10	µg/L							
2,4,5-Trichlorophenol	ND	10	µg/L							
2,4,6-Trichlorophenol	ND	10	µg/L							
Benzaldehyde	ND	10	µg/L							
Caprolactam	ND	10	µg/L							L-04
2,3,4,6-Tetrachlorophenol	ND	20	µg/L							
Atrazine	ND	20	µg/L							
Surrogate: 2-Fluorophenol	161		µg/L	400.0		40.1	15-110			
Surrogate: Phenol-d6	121		µg/L	400.0		30.3	15-110			
Surrogate: Nitrobenzene-d5	132		µg/L	200.0		66.1	30-130			
Surrogate: 2-Fluorobiphenyl	125		µg/L	200.0		62.3	30-130			
Surrogate: 2,4,6-Tribromophenol	303		µg/L	400.0		75.8	15-110			
Surrogate: p-Terphenyl-d14	199		µg/L	200.0		99.5	30-130			
LCS (B430514-BS1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
Acenaphthene	63.2	5.0	µg/L	100.0		63.2	40-140			
Acenaphthylene	69.8	5.0	µg/L	100.0		69.8	40-140			
Acetophenone	59.2	10	µg/L	100.0		59.2	40-140			
Aniline	68.1	20	µg/L	100.0		68.1	40-140			
Anthracene	83.5	5.0	µg/L	100.0		83.5	40-140			
Benzo(a)anthracene	96.5	5.0	µg/L	100.0		96.5	40-140			
Benzo(a)pyrene	92.3	5.0	µg/L	100.0		92.3	40-140			
Benzo(b)fluoranthene	95.6	5.0	µg/L	100.0		95.6	40-140			
Benzo(g,h,i)perylene	106	5.0	µg/L	100.0		106	40-140			
Benzo(k)fluoranthene	98.1	5.0	µg/L	100.0		98.1	40-140			
Biphenyl	62.1	20	µg/L	100.0		62.1	40-140			
Bis(2-chloroethoxy)methane	64.8	10	µg/L	100.0		64.8	40-140			
Bis(2-chloroethyl)ether	61.9	10	µg/L	100.0		61.9	40-140			
2,2'-oxybis(1-Chloropropane)	75.0	10	µg/L	100.0		75.0	40-140			
Bis(2-Ethylhexyl)phthalate	114	10	µg/L	100.0		114	40-140			
4-Bromophenylphenylether	70.4	10	µg/L	100.0		70.4	40-140			
Butylbenzylphthalate	112	10	µg/L	100.0		112	40-140			
Carbazole	94.6	10	µg/L	100.0		94.6	40-140			
4-Chloro-3-methylphenol	70.4	10	µg/L	100.0		70.4	30-130			
4-Chloroaniline	76.6	10	µg/L	100.0		76.6	40-140			
2-Chloronaphthalene	58.0	10	µg/L	100.0		58.0	40-140			
2-Chlorophenol	62.4	10	µg/L	100.0		62.4	30-130			
4-Chlorophenylphenylether	72.0	10	µg/L	100.0		72.0	40-140			
Chrysene	97.7	5.0	µg/L	100.0		97.7	40-140			
Dibenz(a,h)anthracene	101	5.0	µg/L	100.0		101	40-140			
Dibenzofuran	72.0	5.0	µg/L	100.0		72.0	40-140			

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QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430514 - SW-846 3510C										
LCS (B430514-BS1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
3,3'-Dichlorobenzidine	112	10	µg/L	100.0		112	40-140			V-06
2,4-Dichlorophenol	73.0	10	µg/L	100.0		73.0	30-130			
Diethylphthalate	90.4	10	µg/L	100.0		90.4	40-140			
Hexachlorobenzene	76.8	10	µg/L	100.0		76.8	40-140			
2,4-Dimethylphenol	68.0	10	µg/L	100.0		68.0	30-130			
Dimethylphthalate	87.3	10	µg/L	100.0		87.3	40-140			
Di-n-butylphthalate	101	10	µg/L	100.0		101	40-140			
4,6-Dinitro-2-methylphenol	96.7	20	µg/L	100.0		96.7	30-130			
2,4-Dinitrophenol	95.3	20	µg/L	100.0		95.3	30-130			V-06
2,4-Dinitrotoluene	100	10	µg/L	100.0		100	40-140			V-06
2,6-Dinitrotoluene	89.6	10	µg/L	100.0		89.6	40-140			
Di-n-octylphthalate	99.3	10	µg/L	100.0		99.3	40-140			
Fluoranthene	94.4	5.0	µg/L	100.0		94.4	40-140			
Fluorene	76.3	5.0	µg/L	100.0		76.3	40-140			
Hexachlorobutadiene	30.9	10	µg/L	100.0		30.9	* 40-140			L-04
Hexachlorocyclopentadiene	46.8	10	µg/L	100.0		46.8	30-140			†
Hexachloroethane	23.3	10	µg/L	100.0		23.3	* 40-140			L-04
Indeno(1,2,3-cd)pyrene	97.6	5.0	µg/L	100.0		97.6	40-140			
Isophorone	73.6	10	µg/L	100.0		73.6	40-140			
1-Methylnaphthalene	58.4	5.0	µg/L	100.0		58.4	40-140			
2-Methylnaphthalene	52.1	5.0	µg/L	100.0		52.1	40-140			
2-Methylphenol	56.9	10	µg/L	100.0		56.9	30-130			
3/4-Methylphenol	56.7	10	µg/L	100.0		56.7	30-130			
Naphthalene	47.9	5.0	µg/L	100.0		47.9	40-140			
2-Nitroaniline	90.9	10	µg/L	100.0		90.9	40-140			
3-Nitroaniline	94.2	10	µg/L	100.0		94.2	40-140			
4-Nitroaniline	97.1	10	µg/L	100.0		97.1	40-140			
Nitrobenzene	68.6	10	µg/L	100.0		68.6	40-140			
2-Nitrophenol	70.7	10	µg/L	100.0		70.7	30-130			
4-Nitrophenol	63.3	10	µg/L	100.0		63.3	10-130			†
N-Nitrosodi-n-propylamine	62.6	10	µg/L	100.0		62.6	40-140			
N-Nitrosodiphenylamine/Diphenylamine	79.4	10	µg/L	100.0		79.4	40-140			
Pentachlorophenol	77.9	10	µg/L	100.0		77.9	30-130			
Phenanthrene	81.2	5.0	µg/L	100.0		81.2	40-140			
Phenol	36.6	10	µg/L	100.0		36.6	20-130			†
Pyrene	88.6	5.0	µg/L	100.0		88.6	40-140			
Pyridine	29.6	20	µg/L	100.0		29.6	10-140			†
1,2,4,5-Tetrachlorobenzene	54.9	10	µg/L	100.0		54.9	40-140			
2,4,5-Trichlorophenol	79.7	10	µg/L	100.0		79.7	30-130			
2,4,6-Trichlorophenol	67.8	10	µg/L	100.0		67.8	30-130			
Benzaldehyde	48.9	10	µg/L	100.0		48.9	40-140			
Caprolactam	30.8	10	µg/L	100.0		30.8	* 40-140			L-04
2,3,4,6-Tetrachlorophenol	83.9	20	µg/L	100.0		83.9	40-140			
Atrazine	114	20	µg/L	100.0		114	40-140			
Surrogate: 2-Fluorophenol	194		µg/L	400.0		48.5	15-110			
Surrogate: Phenol-d6	156		µg/L	400.0		39.1	15-110			
Surrogate: Nitrobenzene-d5	156		µg/L	200.0		77.9	30-130			
Surrogate: 2-Fluorobiphenyl	150		µg/L	200.0		75.2	30-130			
Surrogate: 2,4,6-Tribromophenol	401		µg/L	400.0		100	15-110			
Surrogate: p-Terphenyl-d14	214		µg/L	200.0		107	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430514 - SW-846 3510C										
LCS Dup (B430514-BSD1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
Acenaphthene	62.9	5.0	µg/L	100.0		62.9	40-140	0.619	20	
Acenaphthylene	69.8	5.0	µg/L	100.0		69.8	40-140	0.0143	20	
Acetophenone	57.8	10	µg/L	100.0		57.8	40-140	2.38	20	
Aniline	71.0	20	µg/L	100.0		71.0	40-140	4.14	50	‡
Anthracene	84.5	5.0	µg/L	100.0		84.5	40-140	1.17	20	
Benzo(a)anthracene	95.1	5.0	µg/L	100.0		95.1	40-140	1.49	20	
Benzo(a)pyrene	93.6	5.0	µg/L	100.0		93.6	40-140	1.40	20	
Benzo(b)fluoranthene	96.4	5.0	µg/L	100.0		96.4	40-140	0.781	20	
Benzo(g,h,i)perylene	111	5.0	µg/L	100.0		111	40-140	4.53	20	
Benzo(k)fluoranthene	98.6	5.0	µg/L	100.0		98.6	40-140	0.488	20	
Biphenyl	63.6	20	µg/L	100.0		63.6	40-140	2.43	20	
Bis(2-chloroethoxy)methane	65.0	10	µg/L	100.0		65.0	40-140	0.200	20	
Bis(2-chloroethyl)ether	62.4	10	µg/L	100.0		62.4	40-140	0.789	20	
2,2'-oxybis(1-Chloropropane)	73.2	10	µg/L	100.0		73.2	40-140	2.44	20	
Bis(2-Ethylhexyl)phthalate	97.0	10	µg/L	100.0		97.0	40-140	16.3	20	
4-Bromophenylphenylether	68.8	10	µg/L	100.0		68.8	40-140	2.37	20	
Butylbenzylphthalate	102	10	µg/L	100.0		102	40-140	9.38	20	
Carbazole	96.8	10	µg/L	100.0		96.8	40-140	2.30	20	
4-Chloro-3-methylphenol	72.0	10	µg/L	100.0		72.0	30-130	2.19	20	
4-Chloroaniline	76.2	10	µg/L	100.0		76.2	40-140	0.498	20	
2-Chloronaphthalene	60.2	10	µg/L	100.0		60.2	40-140	3.59	20	
2-Chlorophenol	61.8	10	µg/L	100.0		61.8	30-130	0.982	20	
4-Chlorophenylphenylether	71.2	10	µg/L	100.0		71.2	40-140	1.10	20	
Chrysene	98.3	5.0	µg/L	100.0		98.3	40-140	0.643	20	
Dibenz(a,h)anthracene	104	5.0	µg/L	100.0		104	40-140	2.25	20	
Dibenzofuran	71.0	5.0	µg/L	100.0		71.0	40-140	1.37	20	
3,3'-Dichlorobenzidine	109	10	µg/L	100.0		109	40-140	2.05	20	V-06
2,4-Dichlorophenol	73.4	10	µg/L	100.0		73.4	30-130	0.424	20	
Diethylphthalate	86.7	10	µg/L	100.0		86.7	40-140	4.18	20	
Hexachlorobenzene	77.8	10	µg/L	100.0		77.8	40-140	1.36	20	
2,4-Dimethylphenol	70.6	10	µg/L	100.0		70.6	30-130	3.72	20	
Dimethylphthalate	83.4	10	µg/L	100.0		83.4	40-140	4.64	50	‡
Di-n-butylphthalate	95.6	10	µg/L	100.0		95.6	40-140	5.50	20	
4,6-Dinitro-2-methylphenol	98.5	20	µg/L	100.0		98.5	30-130	1.85	50	‡
2,4-Dinitrophenol	98.3	20	µg/L	100.0		98.3	30-130	3.18	50	V-06 ‡
2,4-Dinitrotoluene	102	10	µg/L	100.0		102	40-140	2.02	20	V-06
2,6-Dinitrotoluene	89.9	10	µg/L	100.0		89.9	40-140	0.401	20	
Di-n-octylphthalate	86.0	10	µg/L	100.0		86.0	40-140	14.4	20	
Fluoranthene	93.8	5.0	µg/L	100.0		93.8	40-140	0.595	20	
Fluorene	75.2	5.0	µg/L	100.0		75.2	40-140	1.50	20	
Hexachlorobutadiene	29.6	10	µg/L	100.0		29.6	* 40-140	4.33	20	L-04
Hexachlorocyclopentadiene	46.7	10	µg/L	100.0		46.7	30-140	0.150	50	† ‡
Hexachloroethane	24.2	10	µg/L	100.0		24.2	* 40-140	3.58	50	L-04 ‡
Indeno(1,2,3-cd)pyrene	99.7	5.0	µg/L	100.0		99.7	40-140	2.21	50	‡
Isophorone	73.4	10	µg/L	100.0		73.4	40-140	0.258	20	
1-Methylnaphthalene	57.7	5.0	µg/L	100.0		57.7	40-140	1.15	20	
2-Methylnaphthalene	51.3	5.0	µg/L	100.0		51.3	40-140	1.51	20	
2-Methylphenol	58.0	10	µg/L	100.0		58.0	30-130	1.86	20	
3/4-Methylphenol	59.2	10	µg/L	100.0		59.2	30-130	4.33	20	
Naphthalene	48.2	5.0	µg/L	100.0		48.2	40-140	0.666	20	
2-Nitroaniline	91.1	10	µg/L	100.0		91.1	40-140	0.231	20	
3-Nitroaniline	97.0	10	µg/L	100.0		97.0	40-140	2.94	20	

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430514 - SW-846 3510C										
LCS Dup (B430514-BSD1)				Prepared: 06/18/26 Analyzed: 06/19/26						
4-Nitroaniline	99.1	10	µg/L	100.0		99.1	40-140	2.11	20	
Nitrobenzene	68.2	10	µg/L	100.0		68.2	40-140	0.497	20	
2-Nitrophenol	67.8	10	µg/L	100.0		67.8	30-130	4.09	20	
4-Nitrophenol	66.3	10	µg/L	100.0		66.3	10-130	4.61	50	† ‡
N-Nitrosodi-n-propylamine	62.6	10	µg/L	100.0		62.6	40-140	0.128	20	
N-Nitrosodiphenylamine/Diphenylamine	81.0	10	µg/L	100.0		81.0	40-140	2.03	20	
Pentachlorophenol	80.0	10	µg/L	100.0		80.0	30-130	2.65	50	‡
Phenanthrene	82.9	5.0	µg/L	100.0		82.9	40-140	2.11	20	
Phenol	38.2	10	µg/L	100.0		38.2	20-130	4.33	20	†
Pyrene	90.4	5.0	µg/L	100.0		90.4	40-140	2.06	20	
Pyridine	36.9	20	µg/L	100.0		36.9	10-140	22.0	50	† ‡
1,2,4,5-Tetrachlorobenzene	53.8	10	µg/L	100.0		53.8	40-140	2.15	20	
2,4,5-Trichlorophenol	77.4	10	µg/L	100.0		77.4	30-130	2.92	20	
2,4,6-Trichlorophenol	71.1	10	µg/L	100.0		71.1	30-130	4.83	50	‡
Benzaldehyde	49.9	10	µg/L	100.0		49.9	40-140	1.98	20	
Caprolactam	28.3	10	µg/L	100.0		28.3	* 40-140	8.43	20	L-04
2,3,4,6-Tetrachlorophenol	82.4	20	µg/L	100.0		82.4	40-140	1.77	20	
Atrazine	107	20	µg/L	100.0		107	40-140	6.48	20	
Surrogate: 2-Fluorophenol	186		µg/L	400.0		46.6	15-110			
Surrogate: Phenol-d6	149		µg/L	400.0		37.2	15-110			
Surrogate: Nitrobenzene-d5	145		µg/L	200.0		72.3	30-130			
Surrogate: 2-Fluorobiphenyl	138		µg/L	200.0		69.1	30-130			
Surrogate: 2,4,6-Tribromophenol	365		µg/L	400.0		91.3	15-110			
Surrogate: p-Terphenyl-d14	192		µg/L	200.0		95.8	30-130			
Matrix Spike (B430514-MS1)				Source: 26F1604-03		Prepared: 06/18/26 Analyzed: 06/19/26				
Acenaphthene	55.0	4.7	µg/L	94.34	ND	58.3	40-140			
Acenaphthylene	61.7	4.7	µg/L	94.34	ND	65.4	40-140			
Acetophenone	53.7	9.4	µg/L	94.34	ND	56.9	40-140			
Aniline	58.1	19	µg/L	94.34	ND	61.6	40-140			
Anthracene	71.4	4.7	µg/L	94.34	ND	75.7	40-140			
Benzo(a)anthracene	80.8	4.7	µg/L	94.34	ND	85.7	40-140			
Benzo(a)pyrene	79.6	4.7	µg/L	94.34	ND	84.4	40-140			
Benzo(b)fluoranthene	84.3	4.7	µg/L	94.34	ND	89.4	40-140			
Benzo(g,h,i)perylene	85.1	4.7	µg/L	94.34	ND	90.2	40-140			
Benzo(k)fluoranthene	84.1	4.7	µg/L	94.34	ND	89.1	40-140			
Biphenyl	55.0	19	µg/L	94.34	ND	58.4	40-140			
Bis(2-chloroethoxy)methane	55.6	9.4	µg/L	94.34	ND	58.9	40-140			
Bis(2-chloroethyl)ether	58.1	9.4	µg/L	94.34	ND	61.6	40-140			
2,2'-oxybis(1-Chloropropane)	66.5	9.4	µg/L	94.34	ND	70.5	40-140			
Bis(2-Ethylhexyl)phthalate	95.3	9.4	µg/L	94.34	ND	101	40-140			
4-Bromophenylphenylether	60.7	9.4	µg/L	94.34	ND	64.4	40-140			
Butylbenzylphthalate	94.8	9.4	µg/L	94.34	ND	100	40-140			
Carbazole	80.5	9.4	µg/L	94.34	ND	85.3	40-140			
4-Chloro-3-methylphenol	65.0	9.4	µg/L	94.34	ND	68.8	30-130			
4-Chloroaniline	57.7	9.4	µg/L	94.34	ND	61.2	40-140			
2-Chloronaphthalene	54.3	9.4	µg/L	94.34	ND	57.6	40-140			
2-Chlorophenol	55.8	9.4	µg/L	94.34	ND	59.2	30-130			
4-Chlorophenylphenylether	63.2	9.4	µg/L	94.34	ND	67.0	40-140			
Chrysene	81.9	4.7	µg/L	94.34	ND	86.8	40-140			
Dibenz(a,h)anthracene	80.9	4.7	µg/L	94.34	ND	85.7	40-140			
Dibenzofuran	63.0	4.7	µg/L	94.34	ND	66.7	40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430514 - SW-846 3510C										
Matrix Spike (B430514-MS1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/19/26						
3,3'-Dichlorobenzidine	71.5	9.4	µg/L	94.34	ND	75.8	40-140			V-06
2,4-Dichlorophenol	64.9	9.4	µg/L	94.34	ND	68.8	30-130			
Diethylphthalate	77.4	9.4	µg/L	94.34	ND	82.0	40-140			
Hexachlorobenzene	67.0	9.4	µg/L	94.34	ND	71.0	40-140			
2,4-Dimethylphenol	59.8	9.4	µg/L	94.34	ND	63.4	30-130			
Dimethylphthalate	73.2	9.4	µg/L	94.34	ND	77.6	40-140			
Di-n-butylphthalate	83.7	9.4	µg/L	94.34	ND	88.7	40-140			
4,6-Dinitro-2-methylphenol	83.4	19	µg/L	94.34	ND	88.4	30-130			
2,4-Dinitrophenol	86.8	19	µg/L	94.34	ND	92.0	30-130			V-06
2,4-Dinitrotoluene	88.3	9.4	µg/L	94.34	ND	93.6	40-140			V-06
2,6-Dinitrotoluene	78.3	9.4	µg/L	94.34	ND	83.0	40-140			
Di-n-octylphthalate	89.7	9.4	µg/L	94.34	ND	95.0	40-140			
Fluoranthene	78.5	4.7	µg/L	94.34	ND	83.2	40-140			
Fluorene	66.2	4.7	µg/L	94.34	ND	70.2	40-140			
Hexachlorobutadiene	26.5	9.4	µg/L	94.34	ND	28.0	*	40-140		L-04, MS-09
Hexachlorocyclopentadiene	40.4	9.4	µg/L	94.34	ND	42.8	30-130			
Hexachloroethane	21.4	9.4	µg/L	94.34	ND	22.7	*	40-140		L-04, MS-09
Indeno(1,2,3-cd)pyrene	78.7	4.7	µg/L	94.34	ND	83.4	40-140			
Isophorone	65.6	9.4	µg/L	94.34	ND	69.5	40-140			
1-Methylnaphthalene	51.3	4.7	µg/L	94.34	ND	54.4	40-140			
2-Methylnaphthalene	45.4	4.7	µg/L	94.34	ND	48.1	40-140			
2-Methylphenol	52.6	9.4	µg/L	94.34	ND	55.7	30-130			
3/4-Methylphenol	50.8	9.4	µg/L	94.34	ND	53.8	30-130			
Naphthalene	40.4	4.7	µg/L	94.34	ND	42.8	40-140			
2-Nitroaniline	79.4	9.4	µg/L	94.34	ND	84.2	40-140			
3-Nitroaniline	76.5	9.4	µg/L	94.34	ND	81.1	40-140			
4-Nitroaniline	79.1	9.4	µg/L	94.34	ND	83.8	40-140			
Nitrobenzene	57.6	9.4	µg/L	94.34	ND	61.1	40-140			
2-Nitrophenol	58.2	9.4	µg/L	94.34	ND	61.7	30-130			
4-Nitrophenol	51.1	9.4	µg/L	94.34	ND	54.1	30-130			
N-Nitrosodi-n-propylamine	58.8	9.4	µg/L	94.34	ND	62.3	40-140			
N-Nitrosodiphenylamine/Diphenylamine	69.5	9.4	µg/L	94.34	ND	73.7	40-140			
Pentachlorophenol	69.9	9.4	µg/L	94.34	ND	74.1	30-130			
Phenanthrene	70.3	4.7	µg/L	94.34	ND	74.6	40-140			
Phenol	30.9	9.4	µg/L	94.34	ND	32.8	30-130			
Pyrene	82.0	4.7	µg/L	94.34	ND	86.9	40-140			
Pyridine	29.1	19	µg/L	94.34	ND	30.8	*	40-140		MS-09
1,2,4,5-Tetrachlorobenzene	47.0	9.4	µg/L	94.34	ND	49.9	40-140			
2,4,5-Trichlorophenol	71.1	9.4	µg/L	94.34	ND	75.3	30-130			
2,4,6-Trichlorophenol	60.2	9.4	µg/L	94.34	ND	63.8	30-130			
Benzaldehyde	43.6	9.4	µg/L	94.34	ND	46.2	40-140			
Caprolactam	23.6	9.4	µg/L	94.34	ND	25.0	*	40-140		L-04, MS-09
2,3,4,6-Tetrachlorophenol	73.0	19	µg/L	94.34	ND	77.4	40-140			
Atrazine	92.0	19	µg/L	94.34	ND	97.5	40-140			
Surrogate: 2-Fluorophenol	153		µg/L	377.4		40.7	15-110			
Surrogate: Phenol-d6	121		µg/L	377.4		32.1	15-110			
Surrogate: Nitrobenzene-d5	120		µg/L	188.7		63.7	30-130			
Surrogate: 2-Fluorobiphenyl	117		µg/L	188.7		61.9	30-130			
Surrogate: 2,4,6-Tribromophenol	319		µg/L	377.4		84.6	15-110			
Surrogate: p-Terphenyl-d14	172		µg/L	188.7		90.9	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430514 - SW-846 3510C										
Matrix Spike Dup (B430514-MSD1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/19/26						
Acenaphthene	61.2	5.0	µg/L	99.01	ND	61.8	40-140	10.6	30	
Acenaphthylene	68.2	5.0	µg/L	99.01	ND	68.9	40-140	10.0	30	
Acetophenone	60.9	10	µg/L	99.01	ND	61.6	40-140	12.6	30	
Aniline	63.6	20	µg/L	99.01	ND	64.2	40-140	8.98	30	
Anthracene	79.7	5.0	µg/L	99.01	ND	80.5	40-140	11.1	30	
Benzo(a)anthracene	86.8	5.0	µg/L	99.01	ND	87.7	40-140	7.16	30	
Benzo(a)pyrene	85.6	5.0	µg/L	99.01	ND	86.4	40-140	7.17	30	
Benzo(b)fluoranthene	90.0	5.0	µg/L	99.01	ND	90.9	40-140	6.57	30	
Benzo(g,h,i)perylene	90.4	5.0	µg/L	99.01	ND	91.3	40-140	6.02	30	
Benzo(k)fluoranthene	89.6	5.0	µg/L	99.01	ND	90.5	40-140	6.34	30	
Biphenyl	61.5	20	µg/L	99.01	ND	62.1	40-140	11.1	30	
Bis(2-chloroethoxy)methane	65.4	10	µg/L	99.01	ND	66.1	40-140	16.2	30	
Bis(2-chloroethyl)ether	64.1	10	µg/L	99.01	ND	64.8	40-140	9.76	30	
2,2'-oxybis(1-Chloropropane)	75.4	10	µg/L	99.01	ND	76.1	40-140	12.4	30	
Bis(2-Ethylhexyl)phthalate	107	10	µg/L	99.01	ND	108	40-140	11.7	30	
4-Bromophenylphenylether	69.3	10	µg/L	99.01	ND	70.0	40-140	13.2	30	
Butylbenzylphthalate	104	10	µg/L	99.01	ND	105	40-140	9.27	30	
Carbazole	87.2	10	µg/L	99.01	ND	88.1	40-140	8.09	30	
4-Chloro-3-methylphenol	75.6	10	µg/L	99.01	ND	76.3	30-130	15.1	30	
4-Chloroaniline	62.7	10	µg/L	99.01	ND	63.3	40-140	8.30	30	
2-Chloronaphthalene	55.6	10	µg/L	99.01	ND	56.2	40-140	2.44	30	
2-Chlorophenol	60.9	10	µg/L	99.01	ND	61.5	30-130	8.79	30	
4-Chlorophenylphenylether	72.8	10	µg/L	99.01	ND	73.5	40-140	14.1	30	
Chrysene	88.9	5.0	µg/L	99.01	ND	89.8	40-140	8.21	30	
Dibenz(a,h)anthracene	86.2	5.0	µg/L	99.01	ND	87.1	40-140	6.40	30	
Dibenzofuran	70.0	5.0	µg/L	99.01	ND	70.7	40-140	10.6	30	
3,3'-Dichlorobenzidine	74.3	10	µg/L	99.01	ND	75.0	40-140	3.80	30	V-06
2,4-Dichlorophenol	74.3	10	µg/L	99.01	ND	75.0	30-130	13.5	30	
Diethylphthalate	87.2	10	µg/L	99.01	ND	88.1	40-140	12.0	30	
Hexachlorobenzene	75.3	10	µg/L	99.01	ND	76.0	40-140	11.6	30	
2,4-Dimethylphenol	68.5	10	µg/L	99.01	ND	69.2	30-130	13.6	30	
Dimethylphthalate	83.8	10	µg/L	99.01	ND	84.6	40-140	13.4	30	
Di-n-butylphthalate	96.1	10	µg/L	99.01	ND	97.0	40-140	13.8	30	
4,6-Dinitro-2-methylphenol	92.2	20	µg/L	99.01	ND	93.2	30-130	10.1	30	
2,4-Dinitrophenol	99.4	20	µg/L	99.01	ND	100	30-130	13.5	30	V-06
2,4-Dinitrotoluene	98.8	10	µg/L	99.01	ND	99.8	40-140	11.3	30	V-06
2,6-Dinitrotoluene	90.2	10	µg/L	99.01	ND	91.1	40-140	14.1	30	
Di-n-octylphthalate	102	10	µg/L	99.01	ND	103	40-140	12.6	30	
Fluoranthene	87.0	5.0	µg/L	99.01	ND	87.8	40-140	10.2	30	
Fluorene	75.7	5.0	µg/L	99.01	ND	76.5	40-140	13.4	30	
Hexachlorobutadiene	32.4	10	µg/L	99.01	ND	32.7	* 40-140	20.1	30	L-04, MS-09
Hexachlorocyclopentadiene	46.9	10	µg/L	99.01	ND	47.3	30-130	14.8	30	
Hexachloroethane	24.4	10	µg/L	99.01	ND	24.7	* 40-140	13.3	30	L-04, MS-09
Indeno(1,2,3-cd)pyrene	82.7	5.0	µg/L	99.01	ND	83.5	40-140	5.02	30	
Isophorone	76.4	10	µg/L	99.01	ND	77.2	40-140	15.3	30	
1-Methylnaphthalene	59.6	5.0	µg/L	99.01	ND	60.2	40-140	14.9	30	
2-Methylnaphthalene	53.0	5.0	µg/L	99.01	ND	53.5	40-140	15.4	30	
2-Methylphenol	56.0	10	µg/L	99.01	ND	56.6	30-130	6.29	30	
3/4-Methylphenol	58.7	10	µg/L	99.01	ND	59.3	30-130	14.5	30	
Naphthalene	47.3	5.0	µg/L	99.01	ND	47.8	40-140	15.8	30	
2-Nitroaniline	88.3	10	µg/L	99.01	ND	89.2	40-140	10.7	30	
3-Nitroaniline	84.3	10	µg/L	99.01	ND	85.1	40-140	9.72	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430514 - SW-846 3510C

Matrix Spike Dup (B430514-MSD1)		Source: 26F1604-03		Prepared: 06/18/26 Analyzed: 06/19/26						
4-Nitroaniline	87.4	10	µg/L	99.01	ND	88.3	40-140	10.0	30	
Nitrobenzene	66.7	10	µg/L	99.01	ND	67.4	40-140	14.6	30	
2-Nitrophenol	69.1	10	µg/L	99.01	ND	69.8	30-130	17.0	30	
4-Nitrophenol	60.7	10	µg/L	99.01	ND	61.3	30-130	17.3	30	
N-Nitrosodi-n-propylamine	66.8	10	µg/L	99.01	ND	67.4	40-140	12.7	30	
N-Nitrosodiphenylamine/Diphenylamine	75.2	10	µg/L	99.01	ND	75.9	40-140	7.86	30	
Pentachlorophenol	78.2	10	µg/L	99.01	ND	79.0	30-130	11.3	30	
Phenanthrene	77.9	5.0	µg/L	99.01	ND	78.7	40-140	10.2	30	
Phenol	34.4	10	µg/L	99.01	ND	34.8	30-130	10.7	30	
Pyrene	86.6	5.0	µg/L	99.01	ND	87.5	40-140	5.53	30	
Pyridine	33.5	20	µg/L	99.01	ND	33.9 *	40-140	14.2	30	MS-09
1,2,4,5-Tetrachlorobenzene	51.6	10	µg/L	99.01	ND	52.1	40-140	9.26	30	
2,4,5-Trichlorophenol	78.9	10	µg/L	99.01	ND	79.7	30-130	10.4	30	
2,4,6-Trichlorophenol	67.8	10	µg/L	99.01	ND	68.5	30-130	12.0	30	
Benzaldehyde	47.8	10	µg/L	99.01	ND	48.2	40-140	9.10	30	
Caprolactam	26.6	10	µg/L	99.01	ND	26.8 *	40-140	11.9	30	L-04, MS-09
2,3,4,6-Tetrachlorophenol	82.0	20	µg/L	99.01	ND	82.9	40-140	11.6	30	
Atrazine	103	20	µg/L	99.01	ND	104	40-140	11.3	30	
Surrogate: 2-Fluorophenol	167		µg/L	396.0		42.1	15-110			
Surrogate: Phenol-d6	134		µg/L	396.0		33.9	15-110			
Surrogate: Nitrobenzene-d5	137		µg/L	198.0		69.1	30-130			
Surrogate: 2-Fluorobiphenyl	129		µg/L	198.0		65.2	30-130			
Surrogate: 2,4,6-Tribromophenol	360		µg/L	396.0		91.0	15-110			
Surrogate: p-Terphenyl-d14	185		µg/L	198.0		93.7	30-130			

Batch B430590 - SW-846 3546

Blank (B430590-BLK1)		Prepared: 06/18/26 Analyzed: 06/22/26								
2,3,4,6-Tetrachlorophenol	ND	0.67	mg/Kg wet							
Atrazine	ND	0.67	mg/Kg wet							
Benzaldehyde	ND	0.34	mg/Kg wet							V-20, V-34
Biphenyl	ND	0.067	mg/Kg wet							
Caprolactam	ND	0.34	mg/Kg wet							
Acenaphthene	ND	0.033	mg/Kg wet							
Acenaphthylene	ND	0.033	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.033	mg/Kg wet							
Benzo(a)anthracene	ND	0.033	mg/Kg wet							
Benzo(a)pyrene	ND	0.033	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.033	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.033	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.033	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							L-04
2,2'-oxybis(1-Chloropropane)	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
Blank (B430590-BLK1)				Prepared: 06/18/26 Analyzed: 06/22/26						
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.033	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.033	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3'-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.033	mg/Kg wet							
Fluorene	ND	0.033	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							L-04, V-05
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.033	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.033	mg/Kg wet							
2-Methylnaphthalene	ND	0.033	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.033	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							V-05
N-Nitrosodiphenylamine/Diphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							V-05
Phenanthrene	ND	0.033	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.033	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							V-05
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	5.23		mg/Kg wet	6.667		78.5	30-130			
Surrogate: Phenol-d6	5.00		mg/Kg wet	6.667		75.0	30-130			
Surrogate: Nitrobenzene-d5	2.26		mg/Kg wet	3.333		67.8	30-130			
Surrogate: 2-Fluorobiphenyl	2.44		mg/Kg wet	3.333		73.3	30-130			
Surrogate: 2,4,6-Tribromophenol	4.80		mg/Kg wet	6.667		71.9	30-130			
Surrogate: p-Terphenyl-d14	2.75		mg/Kg wet	3.333		82.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
LCS (B430590-BS1)				Prepared: 06/18/26 Analyzed: 06/22/26						
2,3,4,6-Tetrachlorophenol	1.50	0.67	mg/Kg wet	1.667		90.1	40-140			
Atrazine	1.52	0.67	mg/Kg wet	1.667		91.4	40-140			
Benzaldehyde	0.808	0.34	mg/Kg wet	1.667		48.5	40-140			V-06, V-34
Biphenyl	1.27	0.067	mg/Kg wet	1.667		76.0	40-140			
Caprolactam	1.39	0.34	mg/Kg wet	1.667		83.4	40-140			
Acenaphthene	1.20	0.033	mg/Kg wet	1.667		72.2	40-140			
Acenaphthylene	1.34	0.033	mg/Kg wet	1.667		80.3	40-140			
Acetophenone	1.19	0.34	mg/Kg wet	1.667		71.5	40-140			
Aniline	1.06	0.34	mg/Kg wet	1.667		63.4	10-140			†
Anthracene	1.36	0.033	mg/Kg wet	1.667		81.7	40-140			
Benzo(a)anthracene	1.48	0.033	mg/Kg wet	1.667		88.7	40-140			
Benzo(a)pyrene	1.49	0.033	mg/Kg wet	1.667		89.5	40-140			
Benzo(b)fluoranthene	1.46	0.033	mg/Kg wet	1.667		87.3	40-140			
Benzo(g,h,i)perylene	1.41	0.033	mg/Kg wet	1.667		84.6	40-140			
Benzo(k)fluoranthene	1.48	0.033	mg/Kg wet	1.667		88.5	40-140			
Bis(2-chloroethoxy)methane	1.14	0.34	mg/Kg wet	1.667		68.3	40-140			
Bis(2-chloroethyl)ether	0.538	0.34	mg/Kg wet	1.667		32.3 *	40-140			L-04
2,2'-oxybis(1-Chloropropane)	1.10	0.34	mg/Kg wet	1.667		65.7	40-140			
Bis(2-Ethylhexyl)phthalate	1.19	0.34	mg/Kg wet	1.667		71.3	40-140			
4-Bromophenylphenylether	1.35	0.34	mg/Kg wet	1.667		80.8	40-140			
Butylbenzylphthalate	1.22	0.34	mg/Kg wet	1.667		73.3	40-140			
Carbazole	1.39	0.17	mg/Kg wet	1.667		83.6	40-140			
4-Chloroaniline	1.10	0.66	mg/Kg wet	1.667		66.2	10-140			†
4-Chloro-3-methylphenol	1.46	0.66	mg/Kg wet	1.667		87.8	30-130			
2-Chloronaphthalene	1.11	0.34	mg/Kg wet	1.667		66.8	40-140			
2-Chlorophenol	1.30	0.34	mg/Kg wet	1.667		77.8	30-130			
4-Chlorophenylphenylether	1.34	0.34	mg/Kg wet	1.667		80.6	40-140			
Chrysene	1.48	0.033	mg/Kg wet	1.667		88.6	40-140			
Dibenz(a,h)anthracene	1.48	0.033	mg/Kg wet	1.667		88.6	40-140			
Dibenzofuran	1.27	0.34	mg/Kg wet	1.667		76.4	40-140			
Di-n-butylphthalate	1.18	0.34	mg/Kg wet	1.667		71.0	40-140			
3,3'-Dichlorobenzidine	1.49	0.17	mg/Kg wet	1.667		89.6	20-140			†
2,4-Dichlorophenol	1.50	0.34	mg/Kg wet	1.667		90.0	30-130			
Diethylphthalate	1.16	0.34	mg/Kg wet	1.667		69.7	40-140			
2,4-Dimethylphenol	1.50	0.34	mg/Kg wet	1.667		90.2	30-130			
Dimethylphthalate	1.30	0.34	mg/Kg wet	1.667		77.9	40-140			
4,6-Dinitro-2-methylphenol	1.35	0.34	mg/Kg wet	1.667		80.9	30-130			
2,4-Dinitrophenol	1.12	0.66	mg/Kg wet	1.667		66.9	30-130			
2,4-Dinitrotoluene	1.37	0.34	mg/Kg wet	1.667		82.2	40-140			
2,6-Dinitrotoluene	1.46	0.34	mg/Kg wet	1.667		87.4	40-140			
Di-n-octylphthalate	1.17	0.34	mg/Kg wet	1.667		70.2	40-140			
Fluoranthene	1.51	0.033	mg/Kg wet	1.667		90.8	40-140			
Fluorene	1.27	0.033	mg/Kg wet	1.667		76.2	40-140			
Hexachlorobenzene	1.32	0.34	mg/Kg wet	1.667		79.1	40-140			
Hexachlorobutadiene	1.31	0.34	mg/Kg wet	1.667		78.6	40-140			
Hexachlorocyclopentadiene	0.425	0.34	mg/Kg wet	1.667		25.5 *	40-140			V-05, L-04
Hexachloroethane	1.11	0.34	mg/Kg wet	1.667		66.8	40-140			
Indeno(1,2,3-cd)pyrene	1.51	0.033	mg/Kg wet	1.667		90.5	40-140			
Isophorone	1.33	0.34	mg/Kg wet	1.667		79.8	40-140			
1-Methylnaphthalene	1.32	0.033	mg/Kg wet	1.667		79.1	40-140			
2-Methylnaphthalene	1.19	0.033	mg/Kg wet	1.667		71.6	40-140			
2-Methylphenol	1.38	0.34	mg/Kg wet	1.667		82.8	30-130			

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QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
LCS (B430590-BS1)										
Prepared: 06/18/26 Analyzed: 06/22/26										
3/4-Methylphenol	1.29	0.34	mg/Kg wet	1.667		77.6	30-130			
Naphthalene	1.29	0.033	mg/Kg wet	1.667		77.3	40-140			
2-Nitroaniline	1.21	0.34	mg/Kg wet	1.667		72.6	40-140			
3-Nitroaniline	1.25	0.34	mg/Kg wet	1.667		75.0	30-140			†
4-Nitroaniline	1.19	0.34	mg/Kg wet	1.667		71.3	40-140			
Nitrobenzene	1.18	0.34	mg/Kg wet	1.667		70.8	40-140			
2-Nitrophenol	1.36	0.34	mg/Kg wet	1.667		81.9	30-130			
4-Nitrophenol	0.848	0.66	mg/Kg wet	1.667		50.9	30-130			V-05
N-Nitrosodiphenylamine/Diphenylamine	1.43	0.34	mg/Kg wet	1.667		85.9	40-140			
N-Nitrosodi-n-propylamine	1.17	0.34	mg/Kg wet	1.667		70.3	40-140			
Pentachlorophenol	0.977	0.34	mg/Kg wet	1.667		58.6	30-130			V-05
Phenanthrene	1.33	0.033	mg/Kg wet	1.667		80.0	40-140			
Phenol	1.30	0.34	mg/Kg wet	1.667		77.8	30-130			
Pyrene	1.50	0.033	mg/Kg wet	1.667		90.2	40-140			
Pyridine	0.786	0.34	mg/Kg wet	1.667		47.2	30-140			V-05 †
1,2,4,5-Tetrachlorobenzene	1.32	0.34	mg/Kg wet	1.667		79.2	40-140			
2,4,5-Trichlorophenol	1.47	0.34	mg/Kg wet	1.667		88.5	30-130			
2,4,6-Trichlorophenol	1.36	0.34	mg/Kg wet	1.667		81.6	30-130			
Surrogate: 2-Fluorophenol	5.36		mg/Kg wet	6.667		80.5	30-130			
Surrogate: Phenol-d6	5.48		mg/Kg wet	6.667		82.3	30-130			
Surrogate: Nitrobenzene-d5	2.38		mg/Kg wet	3.333		71.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.60		mg/Kg wet	3.333		78.1	30-130			
Surrogate: 2,4,6-Tribromophenol	5.38		mg/Kg wet	6.667		80.6	30-130			
Surrogate: p-Terphenyl-d14	3.02		mg/Kg wet	3.333		90.5	30-130			
LCS Dup (B430590-BSD1)										
Prepared: 06/18/26 Analyzed: 06/22/26										
2,3,4,6-Tetrachlorophenol	1.46	0.67	mg/Kg wet	1.667		87.8	40-140	2.59	20	
Atrazine	1.44	0.67	mg/Kg wet	1.667		86.7	40-140	5.34	30	
Benzaldehyde	0.779	0.34	mg/Kg wet	1.667		46.7	40-140	3.65	20	V-06, V-34
Biphenyl	1.24	0.067	mg/Kg wet	1.667		74.7	40-140	1.73	20	
Caprolactam	1.32	0.34	mg/Kg wet	1.667		79.2	40-140	5.24	20	
Acenaphthene	1.17	0.033	mg/Kg wet	1.667		70.1	40-140	3.01	30	
Acenaphthylene	1.30	0.033	mg/Kg wet	1.667		77.8	40-140	3.11	30	
Acetophenone	1.11	0.34	mg/Kg wet	1.667		66.7	40-140	6.94	30	
Aniline	0.942	0.34	mg/Kg wet	1.667		56.5	10-140	11.4	50	† ‡
Anthracene	1.31	0.033	mg/Kg wet	1.667		78.4	40-140	4.22	30	
Benzo(a)anthracene	1.42	0.033	mg/Kg wet	1.667		85.3	40-140	3.91	30	
Benzo(a)pyrene	1.45	0.033	mg/Kg wet	1.667		87.2	40-140	2.58	30	
Benzo(b)fluoranthene	1.39	0.033	mg/Kg wet	1.667		83.3	40-140	4.71	30	
Benzo(g,h,i)perylene	1.36	0.033	mg/Kg wet	1.667		81.6	40-140	3.61	30	
Benzo(k)fluoranthene	1.39	0.033	mg/Kg wet	1.667		83.6	40-140	5.72	30	
Bis(2-chloroethoxy)methane	1.16	0.34	mg/Kg wet	1.667		69.6	40-140	1.92	30	
Bis(2-chloroethyl)ether	0.529	0.34	mg/Kg wet	1.667		31.8	* 40-140	1.69	30	L-04
2,2'-oxybis(1-Chloropropane)	1.04	0.34	mg/Kg wet	1.667		62.7	40-140	4.70	30	
Bis(2-Ethylhexyl)phthalate	1.17	0.34	mg/Kg wet	1.667		70.2	40-140	1.50	30	
4-Bromophenylphenylether	1.30	0.34	mg/Kg wet	1.667		77.9	40-140	3.71	30	
Butylbenzylphthalate	1.20	0.34	mg/Kg wet	1.667		71.8	40-140	2.07	30	
Carbazole	1.32	0.17	mg/Kg wet	1.667		79.5	40-140	5.10	30	
4-Chloroaniline	1.04	0.66	mg/Kg wet	1.667		62.5	10-140	5.75	30	†
4-Chloro-3-methylphenol	1.36	0.66	mg/Kg wet	1.667		81.5	30-130	7.47	30	
2-Chloronaphthalene	1.07	0.34	mg/Kg wet	1.667		64.3	40-140	3.94	30	
2-Chlorophenol	1.27	0.34	mg/Kg wet	1.667		76.1	30-130	2.18	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
LCS Dup (B430590-BSD1)				Prepared: 06/18/26 Analyzed: 06/22/26						
4-Chlorophenylphenylether	1.30	0.34	mg/Kg wet	1.667		77.8	40-140	3.48	30	
Chrysene	1.41	0.033	mg/Kg wet	1.667		84.5	40-140	4.74	30	
Dibenz(a,h)anthracene	1.42	0.033	mg/Kg wet	1.667		85.4	40-140	3.70	30	
Dibenzofuran	1.23	0.34	mg/Kg wet	1.667		73.8	40-140	3.41	30	
Di-n-butylphthalate	1.16	0.34	mg/Kg wet	1.667		69.7	40-140	1.93	30	
3,3'-Dichlorobenzidine	1.40	0.17	mg/Kg wet	1.667		83.7	20-140	6.76	50	† ‡
2,4-Dichlorophenol	1.46	0.34	mg/Kg wet	1.667		87.4	30-130	2.93	30	
Diethylphthalate	1.11	0.34	mg/Kg wet	1.667		66.4	40-140	4.85	30	
2,4-Dimethylphenol	1.42	0.34	mg/Kg wet	1.667		85.4	30-130	5.46	30	
Dimethylphthalate	1.24	0.34	mg/Kg wet	1.667		74.2	40-140	4.81	30	
4,6-Dinitro-2-methylphenol	1.28	0.34	mg/Kg wet	1.667		76.8	30-130	5.18	30	
2,4-Dinitrophenol	1.06	0.66	mg/Kg wet	1.667		63.8	30-130	4.74	30	
2,4-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.667		79.1	40-140	3.89	30	
2,6-Dinitrotoluene	1.40	0.34	mg/Kg wet	1.667		84.3	40-140	3.59	30	
Di-n-octylphthalate	1.19	0.34	mg/Kg wet	1.667		71.4	40-140	1.67	30	
Fluoranthene	1.45	0.033	mg/Kg wet	1.667		87.2	40-140	4.11	30	
Fluorene	1.24	0.033	mg/Kg wet	1.667		74.1	40-140	2.85	30	
Hexachlorobenzene	1.25	0.34	mg/Kg wet	1.667		74.8	40-140	5.62	30	
Hexachlorobutadiene	1.31	0.34	mg/Kg wet	1.667		78.6	40-140	0.0508	30	
Hexachlorocyclopentadiene	0.448	0.34	mg/Kg wet	1.667		26.9	* 40-140	5.27	30	L-04, V-05
Hexachloroethane	1.07	0.34	mg/Kg wet	1.667		64.0	40-140	4.25	30	
Indeno(1,2,3-cd)pyrene	1.53	0.033	mg/Kg wet	1.667		91.5	40-140	1.14	30	
Isophorone	1.30	0.34	mg/Kg wet	1.667		77.8	40-140	2.54	30	
1-Methylnaphthalene	1.26	0.033	mg/Kg wet	1.667		75.8	40-140	4.26	30	
2-Methylnaphthalene	1.12	0.033	mg/Kg wet	1.667		67.5	40-140	5.90	30	
2-Methylphenol	1.30	0.34	mg/Kg wet	1.667		78.0	30-130	5.92	30	
3/4-Methylphenol	1.23	0.34	mg/Kg wet	1.667		74.0	30-130	4.80	30	
Naphthalene	1.23	0.033	mg/Kg wet	1.667		74.0	40-140	4.41	30	
2-Nitroaniline	1.22	0.34	mg/Kg wet	1.667		73.2	40-140	0.796	30	
3-Nitroaniline	1.17	0.34	mg/Kg wet	1.667		70.5	30-140	6.24	30	†
4-Nitroaniline	1.14	0.34	mg/Kg wet	1.667		68.3	40-140	4.30	30	
Nitrobenzene	1.15	0.34	mg/Kg wet	1.667		68.8	40-140	2.84	30	
2-Nitrophenol	1.34	0.34	mg/Kg wet	1.667		80.1	30-130	2.15	30	
4-Nitrophenol	0.824	0.66	mg/Kg wet	1.667		49.4	30-130	2.91	50	V-05 ‡
N-Nitrosodiphenylamine/Diphenylamine	1.38	0.34	mg/Kg wet	1.667		82.5	40-140	4.04	30	
N-Nitrosodi-n-propylamine	1.14	0.34	mg/Kg wet	1.667		68.4	40-140	2.77	30	
Pentachlorophenol	0.919	0.34	mg/Kg wet	1.667		55.2	30-130	6.12	30	V-05
Phenanthrene	1.27	0.033	mg/Kg wet	1.667		76.3	40-140	4.73	30	
Phenol	1.26	0.34	mg/Kg wet	1.667		75.5	30-130	3.10	30	
Pyrene	1.45	0.033	mg/Kg wet	1.667		87.0	40-140	3.63	30	
Pyridine	0.701	0.34	mg/Kg wet	1.667		42.0	30-140	11.5	30	V-05 †
1,2,4,5-Tetrachlorobenzene	1.32	0.34	mg/Kg wet	1.667		79.3	40-140	0.202	30	
2,4,5-Trichlorophenol	1.44	0.34	mg/Kg wet	1.667		86.3	30-130	2.52	30	
2,4,6-Trichlorophenol	1.34	0.34	mg/Kg wet	1.667		80.3	30-130	1.61	30	
Surrogate: 2-Fluorophenol	5.19		mg/Kg wet	6.667		77.9	30-130			
Surrogate: Phenol-d6	5.14		mg/Kg wet	6.667		77.0	30-130			
Surrogate: Nitrobenzene-d5	2.25		mg/Kg wet	3.333		67.5	30-130			
Surrogate: 2-Fluorobiphenyl	2.54		mg/Kg wet	3.333		76.3	30-130			
Surrogate: 2,4,6-Tribromophenol	5.11		mg/Kg wet	6.667		76.7	30-130			
Surrogate: p-Terphenyl-d14	2.84		mg/Kg wet	3.333		85.1	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
Matrix Spike (B430590-MS1)	Source: 26F1604-01			Prepared: 06/18/26 Analyzed: 06/22/26						
2,3,4,6-Tetrachlorophenol	5.10	4.5	mg/Kg dry	5.595	ND	91.2	40-140			
Atrazine	5.18	4.5	mg/Kg dry	5.595	ND	92.6	40-140			
Benzaldehyde	2.85	2.3	mg/Kg dry	5.595	ND	51.0	40-140			V-06, V-34
Biphenyl	4.25	0.45	mg/Kg dry	5.595	ND	76.0	40-140			
Caprolactam	2.69	2.3	mg/Kg dry	5.595	ND	48.1	40-140			
Acenaphthene	4.02	0.22	mg/Kg dry	5.595	ND	71.8	40-140			
Acenaphthylene	4.42	0.22	mg/Kg dry	5.595	ND	79.0	40-140			
Acetophenone	3.91	2.3	mg/Kg dry	5.595	ND	69.9	40-140			
Aniline	3.75	2.3	mg/Kg dry	5.595	ND	67.0	40-140			
Anthracene	4.41	0.22	mg/Kg dry	5.595	ND	78.9	40-140			
Benzo(a)anthracene	5.02	0.22	mg/Kg dry	5.595	ND	89.7	40-140			
Benzo(a)pyrene	5.15	0.22	mg/Kg dry	5.595	ND	92.1	40-140			
Benzo(b)fluoranthene	4.98	0.22	mg/Kg dry	5.595	ND	88.9	40-140			
Benzo(g,h,i)perylene	5.21	0.22	mg/Kg dry	5.595	ND	93.0	40-140			
Benzo(k)fluoranthene	5.04	0.22	mg/Kg dry	5.595	ND	90.1	40-140			
Bis(2-chloroethoxy)methane	3.97	2.3	mg/Kg dry	5.595	ND	71.0	40-140			
Bis(2-chloroethyl)ether	1.88	2.3	mg/Kg dry	5.595	ND	33.6 *	40-140			MS-09, L-04, J
2,2'-oxybis(1-Chloropropane)	3.47	2.3	mg/Kg dry	5.595	ND	62.0	40-140			
Bis(2-Ethylhexyl)phthalate	4.39	2.3	mg/Kg dry	5.595	ND	78.4	40-140			
4-Bromophenylphenylether	4.36	2.3	mg/Kg dry	5.595	ND	78.0	40-140			
Butylbenzylphthalate	4.48	2.3	mg/Kg dry	5.595	ND	80.1	40-140			
Carbazole	4.61	1.1	mg/Kg dry	5.595	ND	82.5	40-140			
4-Chloroaniline	3.86	4.4	mg/Kg dry	5.595	ND	68.9	40-140			J
4-Chloro-3-methylphenol	4.74	4.4	mg/Kg dry	5.595	ND	84.6	30-130			
2-Chloronaphthalene	3.78	2.3	mg/Kg dry	5.595	ND	67.6	40-140			
2-Chlorophenol	4.25	2.3	mg/Kg dry	5.595	ND	75.9	30-130			
4-Chlorophenylphenylether	4.33	2.3	mg/Kg dry	5.595	ND	77.4	40-140			
Chrysene	4.92	0.22	mg/Kg dry	5.595	ND	88.0	40-140			
Dibenz(a,h)anthracene	4.98	0.22	mg/Kg dry	5.595	ND	89.0	40-140			
Dibenzofuran	4.19	2.3	mg/Kg dry	5.595	ND	74.9	40-140			
Di-n-butylphthalate	3.97	2.3	mg/Kg dry	5.595	ND	71.0	40-140			
3,3'-Dichlorobenzidine	4.77	1.1	mg/Kg dry	5.595	ND	85.3	40-140			
2,4-Dichlorophenol	4.71	2.3	mg/Kg dry	5.595	ND	84.1	30-130			
Diethylphthalate	3.94	2.3	mg/Kg dry	5.595	ND	70.4	40-140			
2,4-Dimethylphenol	4.85	2.3	mg/Kg dry	5.595	ND	86.6	30-130			
Dimethylphthalate	4.30	2.3	mg/Kg dry	5.595	ND	76.8	40-140			
4,6-Dinitro-2-methylphenol	1.44	2.3	mg/Kg dry	5.595	ND	25.8 *	30-130			MS-09, J
2,4-Dinitrophenol	2.13	4.4	mg/Kg dry	5.595	ND	38.0	30-130			J
2,4-Dinitrotoluene	4.23	2.3	mg/Kg dry	5.595	ND	75.6	40-140			
2,6-Dinitrotoluene	4.31	2.3	mg/Kg dry	5.595	ND	77.0	40-140			
Di-n-octylphthalate	4.85	2.3	mg/Kg dry	5.595	ND	86.6	40-140			
Fluoranthene	4.98	0.22	mg/Kg dry	5.595	ND	88.9	40-140			
Fluorene	4.25	0.22	mg/Kg dry	5.595	ND	76.0	40-140			
Hexachlorobenzene	4.31	2.3	mg/Kg dry	5.595	ND	77.0	40-140			
Hexachlorobutadiene	4.53	2.3	mg/Kg dry	5.595	ND	80.9	40-140			
Hexachlorocyclopentadiene	0.0380	2.3	mg/Kg dry	5.595	ND	0.680 *	30-130			L-04, MS-09, V-05, J
Hexachloroethane	3.11	2.3	mg/Kg dry	5.595	ND	55.6	40-140			
Indeno(1,2,3-cd)pyrene	5.61	0.22	mg/Kg dry	5.595	ND	100	40-140			
Isophorone	4.36	2.3	mg/Kg dry	5.595	ND	77.9	40-140			
1-Methylnaphthalene	4.21	0.22	mg/Kg dry	5.595	ND	75.2	40-140			
2-Methylnaphthalene	3.86	0.22	mg/Kg dry	5.595	ND	68.9	40-140			
2-Methylphenol	4.38	2.3	mg/Kg dry	5.595	ND	78.4	30-130			

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QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
Matrix Spike (B430590-MS1)	Source: 26F1604-01			Prepared: 06/18/26 Analyzed: 06/22/26						
3/4-Methylphenol	13.3	2.3	mg/Kg dry	5.595	6.26	126	30-130			R-06
Naphthalene	4.31	0.22	mg/Kg dry	5.595	ND	77.0	40-140			
2-Nitroaniline	4.27	2.3	mg/Kg dry	5.595	ND	76.4	40-140			
3-Nitroaniline	4.02	2.3	mg/Kg dry	5.595	ND	71.8	40-140			
4-Nitroaniline	4.66	2.3	mg/Kg dry	5.595	ND	83.4	40-140			
Nitrobenzene	3.61	2.3	mg/Kg dry	5.595	ND	64.6	40-140			
2-Nitrophenol	2.42	2.3	mg/Kg dry	5.595	ND	43.2	30-130			R-06
4-Nitrophenol	1.29	4.4	mg/Kg dry	5.595	ND	23.1	* 30-130			MS-23, V-05, J
N-Nitrosodiphenylamine/Diphenylamine	4.59	2.3	mg/Kg dry	5.595	ND	82.1	40-140			
N-Nitrosodi-n-propylamine	3.77	2.3	mg/Kg dry	5.595	ND	67.4	40-140			
Pentachlorophenol	3.80	2.3	mg/Kg dry	5.595	ND	68.0	30-130			V-05
Phenanthrene	4.43	0.22	mg/Kg dry	5.595	ND	79.2	40-140			
Phenol	5.06	2.3	mg/Kg dry	5.595	0.544	80.7	30-130			
Pyrene	5.45	0.22	mg/Kg dry	5.595	ND	97.4	40-140			
Pyridine	2.73	2.3	mg/Kg dry	5.595	ND	48.8	40-140			V-05
1,2,4,5-Tetrachlorobenzene	4.56	2.3	mg/Kg dry	5.595	ND	81.5	40-140			
2,4,5-Trichlorophenol	5.16	2.3	mg/Kg dry	5.595	ND	92.2	30-130			
2,4,6-Trichlorophenol	4.61	2.3	mg/Kg dry	5.595	ND	82.3	30-130			
Surrogate: 2-Fluorophenol	18.1		mg/Kg dry	22.38		80.8	30-130			
Surrogate: Phenol-d6	17.3		mg/Kg dry	22.38		77.4	30-130			
Surrogate: Nitrobenzene-d5	5.42		mg/Kg dry	11.19		48.4	30-130			
Surrogate: 2-Fluorobiphenyl	7.57		mg/Kg dry	11.19		67.7	30-130			
Surrogate: 2,4,6-Tribromophenol	16.9		mg/Kg dry	22.38		75.5	30-130			
Surrogate: p-Terphenyl-d14	9.21		mg/Kg dry	11.19		82.3	30-130			
Matrix Spike (B430590-MS2)	Source: 26F1604-02			Prepared: 06/18/26 Analyzed: 06/22/26						
2,3,4,6-Tetrachlorophenol	6.28	3.9	mg/Kg dry	9.595	ND	65.5	40-140			
Atrazine	6.72	3.9	mg/Kg dry	9.595	ND	70.1	40-140			
Benzaldehyde	4.00	2.0	mg/Kg dry	9.595	ND	41.7	40-140			V-06, V-34
Biphenyl	5.60	0.39	mg/Kg dry	9.595	ND	58.3	40-140			
Caprolactam	4.79	2.0	mg/Kg dry	9.595	ND	50.0	40-140			
Acenaphthene	5.38	0.19	mg/Kg dry	9.595	ND	56.0	40-140			
Acenaphthylene	5.88	0.19	mg/Kg dry	9.595	ND	61.3	40-140			
Acetophenone	5.64	2.0	mg/Kg dry	9.595	ND	58.8	40-140			
Aniline	4.61	2.0	mg/Kg dry	9.595	ND	48.1	40-140			
Anthracene	5.76	0.19	mg/Kg dry	9.595	ND	60.0	40-140			
Benzo(a)anthracene	6.49	0.19	mg/Kg dry	9.595	ND	67.6	40-140			
Benzo(a)pyrene	6.52	0.19	mg/Kg dry	9.595	ND	67.9	40-140			
Benzo(b)fluoranthene	6.26	0.19	mg/Kg dry	9.595	ND	65.2	40-140			
Benzo(g,h,i)perylene	6.64	0.19	mg/Kg dry	9.595	ND	69.2	40-140			
Benzo(k)fluoranthene	6.45	0.19	mg/Kg dry	9.595	ND	67.2	40-140			
Bis(2-chloroethoxy)methane	5.38	2.0	mg/Kg dry	9.595	ND	56.1	40-140			
Bis(2-chloroethyl)ether	2.60	2.0	mg/Kg dry	9.595	ND	27.1	* 40-140			L-04, MS-09
2,2'-oxybis(1-Chloropropane)	4.80	2.0	mg/Kg dry	9.595	ND	50.0	40-140			
Bis(2-Ethylhexyl)phthalate	5.69	2.0	mg/Kg dry	9.595	ND	59.3	40-140			
4-Bromophenylphenylether	5.65	2.0	mg/Kg dry	9.595	ND	58.8	40-140			
Butylbenzylphthalate	5.64	2.0	mg/Kg dry	9.595	ND	58.7	40-140			
Carbazole	6.04	0.98	mg/Kg dry	9.595	ND	63.0	40-140			
4-Chloroaniline	5.47	3.8	mg/Kg dry	9.595	ND	57.1	40-140			
4-Chloro-3-methylphenol	6.57	3.8	mg/Kg dry	9.595	ND	68.5	30-130			
2-Chloronaphthalene	5.05	2.0	mg/Kg dry	9.595	ND	52.6	40-140			
2-Chlorophenol	6.03	2.0	mg/Kg dry	9.595	ND	62.8	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
Matrix Spike (B430590-MS2)	Source: 26F1604-02			Prepared: 06/18/26 Analyzed: 06/22/26						
4-Chlorophenylphenylether	5.76	2.0	mg/Kg dry	9.595	ND	60.1	40-140			
Chrysene	6.42	0.19	mg/Kg dry	9.595	ND	66.9	40-140			
Dibenz(a,h)anthracene	6.78	0.19	mg/Kg dry	9.595	ND	70.7	40-140			
Dibenzofuran	5.65	2.0	mg/Kg dry	9.595	ND	58.8	40-140			
Di-n-butylphthalate	5.19	2.0	mg/Kg dry	9.595	ND	54.1	40-140			
3,3'-Dichlorobenzidine	5.87	0.98	mg/Kg dry	9.595	ND	61.2	40-140			
2,4-Dichlorophenol	6.90	2.0	mg/Kg dry	9.595	ND	71.9	30-130			
Diethylphthalate	5.14	2.0	mg/Kg dry	9.595	ND	53.6	40-140			
2,4-Dimethylphenol	6.70	2.0	mg/Kg dry	9.595	ND	69.8	30-130			
Dimethylphthalate	5.80	2.0	mg/Kg dry	9.595	ND	60.4	40-140			
4,6-Dinitro-2-methylphenol	ND	2.0	mg/Kg dry	9.595	ND	*	30-130			MS-09
2,4-Dinitrophenol	1.84	3.8	mg/Kg dry	9.595	ND	19.2	*	30-130		MS-09, J
2,4-Dinitrotoluene	5.32	2.0	mg/Kg dry	9.595	ND	55.4	40-140			
2,6-Dinitrotoluene	5.64	2.0	mg/Kg dry	9.595	ND	58.7	40-140			
Di-n-octylphthalate	6.25	2.0	mg/Kg dry	9.595	ND	65.2	40-140			
Fluoranthene	6.69	0.19	mg/Kg dry	9.595	ND	69.7	40-140			
Fluorene	5.62	0.19	mg/Kg dry	9.595	ND	58.6	40-140			
Hexachlorobenzene	5.77	2.0	mg/Kg dry	9.595	ND	60.1	40-140			
Hexachlorobutadiene	6.03	2.0	mg/Kg dry	9.595	ND	62.8	40-140			
Hexachlorocyclopentadiene	0.0921	2.0	mg/Kg dry	9.595	ND	0.960	*	30-130		L-04, V-05, MS-09, J
Hexachloroethane	4.04	2.0	mg/Kg dry	9.595	ND	42.1	40-140			
Indeno(1,2,3-cd)pyrene	7.08	0.19	mg/Kg dry	9.595	ND	73.7	40-140			
Isophorone	5.97	2.0	mg/Kg dry	9.595	ND	62.2	40-140			
1-Methylnaphthalene	5.86	0.19	mg/Kg dry	9.595	ND	61.1	40-140			
2-Methylnaphthalene	5.25	0.19	mg/Kg dry	9.595	ND	54.7	40-140			
2-Methylphenol	6.32	2.0	mg/Kg dry	9.595	ND	65.8	30-130			
3/4-Methylphenol	19.9	2.0	mg/Kg dry	9.595	11.8	85.2	30-130			
Naphthalene	5.85	0.19	mg/Kg dry	9.595	ND	61.0	40-140			
2-Nitroaniline	6.56	2.0	mg/Kg dry	9.595	ND	68.3	40-140			
3-Nitroaniline	5.47	2.0	mg/Kg dry	9.595	ND	57.0	40-140			
4-Nitroaniline	7.16	2.0	mg/Kg dry	9.595	ND	74.6	40-140			
Nitrobenzene	4.86	2.0	mg/Kg dry	9.595	ND	50.6	40-140			
2-Nitrophenol	2.18	2.0	mg/Kg dry	9.595	ND	22.7	*	30-130		MS-23
4-Nitrophenol	3.13	3.8	mg/Kg dry	9.595	ND	32.6	30-130			R-06, V-05, J
N-Nitrosodiphenylamine/Diphenylamine	6.10	2.0	mg/Kg dry	9.595	ND	63.6	40-140			
N-Nitrosodi-n-propylamine	5.60	2.0	mg/Kg dry	9.595	ND	58.4	40-140			
Pentachlorophenol	3.85	2.0	mg/Kg dry	9.595	ND	40.1	30-130			V-05
Phenanthrene	5.78	0.19	mg/Kg dry	9.595	ND	60.2	40-140			
Phenol	7.53	2.0	mg/Kg dry	9.595	ND	78.5	30-130			
Pyrene	6.90	0.19	mg/Kg dry	9.595	ND	71.9	40-140			
Pyridine	3.83	2.0	mg/Kg dry	9.595	ND	39.9	*	40-140		MS-22, V-05
1,2,4,5-Tetrachlorobenzene	5.80	2.0	mg/Kg dry	9.595	ND	60.5	40-140			
2,4,5-Trichlorophenol	6.77	2.0	mg/Kg dry	9.595	ND	70.5	30-130			
2,4,6-Trichlorophenol	6.21	2.0	mg/Kg dry	9.595	ND	64.7	30-130			
Surrogate: 2-Fluorophenol	25.0		mg/Kg dry	38.38		65.2	30-130			
Surrogate: Phenol-d6	24.5		mg/Kg dry	38.38		63.9	30-130			
Surrogate: Nitrobenzene-d5	4.76		mg/Kg dry	19.19		24.8	*	30-130		S-07
Surrogate: 2-Fluorobiphenyl	8.74		mg/Kg dry	19.19		45.5	30-130			
Surrogate: 2,4,6-Tribromophenol	21.2		mg/Kg dry	38.38		55.2	30-130			
Surrogate: p-Terphenyl-d14	10.1		mg/Kg dry	19.19		52.6	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
Matrix Spike Dup (B430590-MSD1)		Source: 26F1604-01		Prepared: 06/18/26 Analyzed: 06/22/26						
2,3,4,6-Tetrachlorophenol	5.01	4.5	mg/Kg dry	5.595	ND	89.6	40-140	1.77	30	
Atrazine	5.31	4.5	mg/Kg dry	5.595	ND	94.9	40-140	2.48	30	
Benzaldehyde	2.87	2.3	mg/Kg dry	5.595	ND	51.3	40-140	0.626	30	V-06, V-34
Biphenyl	4.31	0.45	mg/Kg dry	5.595	ND	77.0	40-140	1.36	30	
Caprolactam	2.98	2.3	mg/Kg dry	5.595	ND	53.2	40-140	10.2	30	
Acenaphthene	4.17	0.22	mg/Kg dry	5.595	ND	74.6	40-140	3.88	30	
Acenaphthylene	4.43	0.22	mg/Kg dry	5.595	ND	79.2	40-140	0.303	30	
Acetophenone	4.02	2.3	mg/Kg dry	5.595	ND	71.9	40-140	2.82	30	
Aniline	3.55	2.3	mg/Kg dry	5.595	ND	63.4	40-140	5.46	30	
Anthracene	4.53	0.22	mg/Kg dry	5.595	ND	81.0	40-140	2.60	30	
Benzo(a)anthracene	4.97	0.22	mg/Kg dry	5.595	ND	88.8	40-140	0.941	30	
Benzo(a)pyrene	4.91	0.22	mg/Kg dry	5.595	ND	87.7	40-140	4.85	30	
Benzo(b)fluoranthene	4.93	0.22	mg/Kg dry	5.595	ND	88.2	40-140	0.858	30	
Benzo(g,h,i)perylene	5.00	0.22	mg/Kg dry	5.595	ND	89.3	40-140	4.08	30	
Benzo(k)fluoranthene	4.93	0.22	mg/Kg dry	5.595	ND	88.1	40-140	2.29	30	
Bis(2-chloroethoxy)methane	4.06	2.3	mg/Kg dry	5.595	ND	72.6	40-140	2.23	30	
Bis(2-chloroethyl)ether	1.75	2.3	mg/Kg dry	5.595	ND	31.2 *	40-140	7.40	30	MS-09, L-04, J
2,2'-oxybis(1-Chloropropane)	3.60	2.3	mg/Kg dry	5.595	ND	64.3	40-140	3.68	30	
Bis(2-Ethylhexyl)phthalate	4.65	2.3	mg/Kg dry	5.595	ND	83.1	40-140	5.75	30	
4-Bromophenylphenylether	4.52	2.3	mg/Kg dry	5.595	ND	80.8	40-140	3.53	30	
Butylbenzylphthalate	4.67	2.3	mg/Kg dry	5.595	ND	83.4	40-140	4.06	30	
Carbazole	4.48	1.1	mg/Kg dry	5.595	ND	80.0	40-140	3.05	30	
4-Chloroaniline	3.99	4.4	mg/Kg dry	5.595	ND	71.4	40-140	3.48	30	J
4-Chloro-3-methylphenol	5.00	4.4	mg/Kg dry	5.595	ND	89.3	30-130	5.34	30	
2-Chloronaphthalene	3.78	2.3	mg/Kg dry	5.595	ND	67.6	40-140	0.0592	30	
2-Chlorophenol	4.41	2.3	mg/Kg dry	5.595	ND	78.8	30-130	3.83	30	
4-Chlorophenylphenylether	4.60	2.3	mg/Kg dry	5.595	ND	82.2	40-140	6.02	30	
Chrysene	4.91	0.22	mg/Kg dry	5.595	ND	87.8	40-140	0.182	30	
Dibenz(a,h)anthracene	4.94	0.22	mg/Kg dry	5.595	ND	88.4	40-140	0.722	30	
Dibenzofuran	4.36	2.3	mg/Kg dry	5.595	ND	77.9	40-140	3.93	30	
Di-n-butylphthalate	4.11	2.3	mg/Kg dry	5.595	ND	73.4	40-140	3.32	30	
3,3'-Dichlorobenzidine	4.40	1.1	mg/Kg dry	5.595	ND	78.6	40-140	8.15	30	
2,4-Dichlorophenol	4.89	2.3	mg/Kg dry	5.595	ND	87.4	30-130	3.78	30	
Diethylphthalate	4.06	2.3	mg/Kg dry	5.595	ND	72.6	40-140	3.02	30	
2,4-Dimethylphenol	5.11	2.3	mg/Kg dry	5.595	ND	91.3	30-130	5.22	30	
Dimethylphthalate	4.56	2.3	mg/Kg dry	5.595	ND	81.5	40-140	5.86	30	
4,6-Dinitro-2-methylphenol	1.43	2.3	mg/Kg dry	5.595	ND	25.6 *	30-130		30	MS-09, J
2,4-Dinitrophenol	2.15	4.4	mg/Kg dry	5.595	ND	38.5	30-130		30	J
2,4-Dinitrotoluene	3.96	2.3	mg/Kg dry	5.595	ND	70.8	40-140	6.56	30	
2,6-Dinitrotoluene	4.16	2.3	mg/Kg dry	5.595	ND	74.4	40-140	3.49	30	
Di-n-octylphthalate	4.96	2.3	mg/Kg dry	5.595	ND	88.6	40-140	2.24	30	
Fluoranthene	4.96	0.22	mg/Kg dry	5.595	ND	88.7	40-140	0.270	30	
Fluorene	4.38	0.22	mg/Kg dry	5.595	ND	78.3	40-140	3.06	30	
Hexachlorobenzene	4.16	2.3	mg/Kg dry	5.595	ND	74.3	40-140	3.49	30	
Hexachlorobutadiene	4.57	2.3	mg/Kg dry	5.595	ND	81.6	40-140	0.837	30	
Hexachlorocyclopentadiene	ND	2.3	mg/Kg dry	5.595	ND	*	30-130		30	L-04, MS-09, V-05
Hexachloroethane	2.77	2.3	mg/Kg dry	5.595	ND	49.5	40-140	11.7	30	
Indeno(1,2,3-cd)pyrene	5.30	0.22	mg/Kg dry	5.595	ND	94.6	40-140	5.79	30	
Isophorone	4.46	2.3	mg/Kg dry	5.595	ND	79.7	40-140	2.28	30	
1-Methylnaphthalene	4.35	0.22	mg/Kg dry	5.595	ND	77.8	40-140	3.40	30	
2-Methylnaphthalene	3.98	0.22	mg/Kg dry	5.595	ND	71.1	40-140	3.09	30	
2-Methylphenol	4.53	2.3	mg/Kg dry	5.595	ND	81.0	30-130	3.26	30	

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Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes		
Batch B430590 - SW-846 3546												
Matrix Spike Dup (B430590-MSD1)												
Source: 26F1604-01			Prepared: 06/18/26 Analyzed: 06/22/26									
3/4-Methylphenol	20.5	2.3	mg/Kg dry	5.595	6.26	255	*	30-130	42.4	*	30	MS-23
Naphthalene	4.22	0.22	mg/Kg dry	5.595	ND	75.5		40-140	1.94		30	
2-Nitroaniline	4.98	2.3	mg/Kg dry	5.595	ND	89.0		40-140	15.2		30	
3-Nitroaniline	3.82	2.3	mg/Kg dry	5.595	ND	68.3		40-140	5.03		30	
4-Nitroaniline	5.66	2.3	mg/Kg dry	5.595	ND	101		40-140	19.3		30	
Nitrobenzene	3.46	2.3	mg/Kg dry	5.595	ND	61.8		40-140	4.43		30	
2-Nitrophenol	0.824	2.3	mg/Kg dry	5.595	ND	14.7	*	30-130	98.4	*	30	R-06, J
4-Nitrophenol	1.76	4.4	mg/Kg dry	5.595	ND	31.5		30-130	30.9	*	30	R-06, V-05, J
N-Nitrosodiphenylamine/Diphenylamine	4.64	2.3	mg/Kg dry	5.595	ND	82.9		40-140	0.970		30	
N-Nitrosodi-n-propylamine	3.96	2.3	mg/Kg dry	5.595	ND	70.7		40-140	4.81		30	
Pentachlorophenol	3.85	2.3	mg/Kg dry	5.595	ND	68.7		30-130	1.11		30	V-05
Phenanthrene	4.42	0.22	mg/Kg dry	5.595	ND	79.1		40-140	0.101		30	
Phenol	5.70	2.3	mg/Kg dry	5.595	0.544	92.2		30-130	11.9		30	
Pyrene	5.55	0.22	mg/Kg dry	5.595	ND	99.2		40-140	1.79		30	
Pyridine	2.50	2.3	mg/Kg dry	5.595	ND	44.7		40-140	8.90		30	V-05
1,2,4,5-Tetrachlorobenzene	4.45	2.3	mg/Kg dry	5.595	ND	79.6		40-140	2.38		30	
2,4,5-Trichlorophenol	5.09	2.3	mg/Kg dry	5.595	ND	91.0		30-130	1.22		30	
2,4,6-Trichlorophenol	4.78	2.3	mg/Kg dry	5.595	ND	85.5		30-130	3.77		30	
Surrogate: 2-Fluorophenol	18.0		mg/Kg dry	22.38		80.6		30-130				
Surrogate: Phenol-d6	17.6		mg/Kg dry	22.38		78.5		30-130				
Surrogate: Nitrobenzene-d5	4.91		mg/Kg dry	11.19		43.9		30-130				
Surrogate: 2-Fluorobiphenyl	8.02		mg/Kg dry	11.19		71.7		30-130				
Surrogate: 2,4,6-Tribromophenol	18.3		mg/Kg dry	22.38		81.7		30-130				
Surrogate: p-Terphenyl-d14	10.0		mg/Kg dry	11.19		89.8		30-130				
Matrix Spike Dup (B430590-MSD2)												
Source: 26F1604-02			Prepared: 06/18/26 Analyzed: 06/22/26									
2,3,4,6-Tetrachlorophenol	7.38	3.9	mg/Kg dry	9.595	ND	76.9		40-140	16.1		30	
Atrazine	7.71	3.9	mg/Kg dry	9.595	ND	80.3		40-140	13.6		30	
Benzaldehyde	4.26	2.0	mg/Kg dry	9.595	ND	44.4		40-140	6.27		30	V-06, V-34
Biphenyl	6.16	0.39	mg/Kg dry	9.595	ND	64.2		40-140	9.50		30	
Caprolactam	5.13	2.0	mg/Kg dry	9.595	ND	53.4		40-140	6.69		30	
Acenaphthene	5.96	0.19	mg/Kg dry	9.595	ND	62.1		40-140	10.3		30	
Acenaphthylene	6.59	0.19	mg/Kg dry	9.595	ND	68.7		40-140	11.4		30	
Acetophenone	6.05	2.0	mg/Kg dry	9.595	ND	63.1		40-140	7.12		30	
Aniline	5.11	2.0	mg/Kg dry	9.595	ND	53.2		40-140	10.2		30	
Anthracene	6.52	0.19	mg/Kg dry	9.595	ND	68.0		40-140	12.4		30	
Benzo(a)anthracene	7.23	0.19	mg/Kg dry	9.595	ND	75.4		40-140	10.9		30	
Benzo(a)pyrene	7.44	0.19	mg/Kg dry	9.595	ND	77.5		40-140	13.2		30	
Benzo(b)fluoranthene	7.20	0.19	mg/Kg dry	9.595	ND	75.0		40-140	13.9		30	
Benzo(g,h,i)perylene	7.70	0.19	mg/Kg dry	9.595	ND	80.3		40-140	14.8		30	
Benzo(k)fluoranthene	7.50	0.19	mg/Kg dry	9.595	ND	78.2		40-140	15.1		30	
Bis(2-chloroethoxy)methane	5.70	2.0	mg/Kg dry	9.595	ND	59.4		40-140	5.75		30	
Bis(2-chloroethyl)ether	2.69	2.0	mg/Kg dry	9.595	ND	28.0	*	40-140	3.41		30	L-04, MS-09
2,2'-oxybis(1-Chloropropane)	5.35	2.0	mg/Kg dry	9.595	ND	55.8		40-140	10.8		30	
Bis(2-Ethylhexyl)phthalate	6.33	2.0	mg/Kg dry	9.595	ND	65.9		40-140	10.6		30	
4-Bromophenylphenylether	6.30	2.0	mg/Kg dry	9.595	ND	65.7		40-140	11.0		30	
Butylbenzylphthalate	6.48	2.0	mg/Kg dry	9.595	ND	67.6		40-140	14.0		30	
Carbazole	6.94	0.98	mg/Kg dry	9.595	ND	72.3		40-140	13.8		30	
4-Chloroaniline	5.18	3.8	mg/Kg dry	9.595	ND	53.9		40-140	5.62		30	
4-Chloro-3-methylphenol	7.20	3.8	mg/Kg dry	9.595	ND	75.1		30-130	9.22		30	
2-Chloronaphthalene	5.40	2.0	mg/Kg dry	9.595	ND	56.3		40-140	6.72		30	
2-Chlorophenol	6.44	2.0	mg/Kg dry	9.595	ND	67.1		30-130	6.59		30	

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430590 - SW-846 3546										
Matrix Spike Dup (B430590-MSD2)		Source: 26F1604-02		Prepared: 06/18/26 Analyzed: 06/22/26						
4-Chlorophenylphenylether	6.55	2.0	mg/Kg dry	9.595	ND	68.2	40-140	12.7	30	
Chrysene	7.09	0.19	mg/Kg dry	9.595	ND	73.9	40-140	9.89	30	
Dibenz(a,h)anthracene	7.74	0.19	mg/Kg dry	9.595	ND	80.6	40-140	13.2	30	
Dibenzofuran	6.19	2.0	mg/Kg dry	9.595	ND	64.5	40-140	9.24	30	
Di-n-butylphthalate	5.89	2.0	mg/Kg dry	9.595	ND	61.4	40-140	12.6	30	
3,3'-Dichlorobenzidine	7.17	0.98	mg/Kg dry	9.595	ND	74.7	40-140	19.8	30	
2,4-Dichlorophenol	7.28	2.0	mg/Kg dry	9.595	ND	75.9	30-130	5.49	30	
Diethylphthalate	5.72	2.0	mg/Kg dry	9.595	ND	59.6	40-140	10.7	30	
2,4-Dimethylphenol	7.19	2.0	mg/Kg dry	9.595	ND	74.9	30-130	7.10	30	
Dimethylphthalate	6.37	2.0	mg/Kg dry	9.595	ND	66.4	40-140	9.49	30	
4,6-Dinitro-2-methylphenol	1.33	2.0	mg/Kg dry	9.595	ND	13.8	* 30-130		30	MS-09, J
2,4-Dinitrophenol	1.85	3.8	mg/Kg dry	9.595	ND	19.2	* 30-130		30	MS-09, J
2,4-Dinitrotoluene	6.78	2.0	mg/Kg dry	9.595	ND	70.6	40-140	24.1	30	
2,6-Dinitrotoluene	7.06	2.0	mg/Kg dry	9.595	ND	73.5	40-140	22.4	30	
Di-n-octylphthalate	7.31	2.0	mg/Kg dry	9.595	ND	76.2	40-140	15.6	30	
Fluoranthene	7.45	0.19	mg/Kg dry	9.595	ND	77.7	40-140	10.7	30	
Fluorene	6.38	0.19	mg/Kg dry	9.595	ND	66.5	40-140	12.7	30	
Hexachlorobenzene	6.29	2.0	mg/Kg dry	9.595	ND	65.5	40-140	8.63	30	
Hexachlorobutadiene	6.51	2.0	mg/Kg dry	9.595	ND	67.9	40-140	7.77	30	
Hexachlorocyclopentadiene	0.305	2.0	mg/Kg dry	9.595	ND	3.18	* 30-130		30	L-04, V-05, MS-09, J
Hexachloroethane	4.67	2.0	mg/Kg dry	9.595	ND	48.7	40-140	14.6	30	
Indeno(1,2,3-cd)pyrene	8.00	0.19	mg/Kg dry	9.595	ND	83.4	40-140	12.3	30	
Isophorone	6.43	2.0	mg/Kg dry	9.595	ND	67.0	40-140	7.49	30	
1-Methylnaphthalene	6.44	0.19	mg/Kg dry	9.595	ND	67.2	40-140	9.51	30	
2-Methylnaphthalene	5.76	0.19	mg/Kg dry	9.595	ND	60.0	40-140	9.24	30	
2-Methylphenol	6.77	2.0	mg/Kg dry	9.595	ND	70.6	30-130	6.95	30	
3/4-Methylphenol	15.1	2.0	mg/Kg dry	9.595	11.8	34.3	30-130	27.9	30	
Naphthalene	6.26	0.19	mg/Kg dry	9.595	ND	65.3	40-140	6.84	30	
2-Nitroaniline	6.31	2.0	mg/Kg dry	9.595	ND	65.7	40-140	3.85	30	
3-Nitroaniline	5.78	2.0	mg/Kg dry	9.595	ND	60.2	40-140	5.53	30	
4-Nitroaniline	6.53	2.0	mg/Kg dry	9.595	ND	68.1	40-140	9.19	30	
Nitrobenzene	5.67	2.0	mg/Kg dry	9.595	ND	59.1	40-140	15.5	30	
2-Nitrophenol	4.91	2.0	mg/Kg dry	9.595	ND	51.2	30-130	77.2	* 30	R-06
4-Nitrophenol	4.27	3.8	mg/Kg dry	9.595	ND	44.5	30-130	30.8	* 30	V-05, R-06
N-Nitrosodiphenylamine/Diphenylamine	6.64	2.0	mg/Kg dry	9.595	ND	69.2	40-140	8.44	30	
N-Nitrosodi-n-propylamine	5.91	2.0	mg/Kg dry	9.595	ND	61.6	40-140	5.43	30	
Pentachlorophenol	4.73	2.0	mg/Kg dry	9.595	ND	49.3	30-130	20.6	30	V-05
Phenanthrene	6.33	0.19	mg/Kg dry	9.595	ND	65.9	40-140	9.07	30	
Phenol	7.49	2.0	mg/Kg dry	9.595	ND	78.0	30-130	0.613	30	
Pyrene	7.87	0.19	mg/Kg dry	9.595	ND	82.0	40-140	13.1	30	
Pyridine	4.43	2.0	mg/Kg dry	9.595	ND	46.2	40-140	14.6	30	V-05
1,2,4,5-Tetrachlorobenzene	6.43	2.0	mg/Kg dry	9.595	ND	67.0	40-140	10.2	30	
2,4,5-Trichlorophenol	7.56	2.0	mg/Kg dry	9.595	ND	78.8	30-130	11.1	30	
2,4,6-Trichlorophenol	6.99	2.0	mg/Kg dry	9.595	ND	72.8	30-130	11.7	30	
Surrogate: 2-Fluorophenol	27.8		mg/Kg dry	38.38		72.5	30-130			
Surrogate: Phenol-d6	26.8		mg/Kg dry	38.38		69.7	30-130			
Surrogate: Nitrobenzene-d5	9.66		mg/Kg dry	19.19		50.3	30-130			
Surrogate: 2-Fluorobiphenyl	11.7		mg/Kg dry	19.19		60.9	30-130			
Surrogate: 2,4,6-Tribromophenol	26.8		mg/Kg dry	38.38		69.8	30-130			
Surrogate: p-Terphenyl-d14	14.4		mg/Kg dry	19.19		74.8	30-130			

QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
Blank (B431002-BLK1)				Prepared: 06/25/26 Analyzed: 06/26/26						
2,3,4,6-Tetrachlorophenol	ND	0.67	mg/Kg wet							
Atrazine	ND	0.67	mg/Kg wet							
Benzaldehyde	ND	0.34	mg/Kg wet							V-05
Biphenyl	ND	0.067	mg/Kg wet							
Caprolactam	ND	0.34	mg/Kg wet							
Acenaphthene	ND	0.033	mg/Kg wet							
Acenaphthylene	ND	0.033	mg/Kg wet							
Acetophenone	ND	0.34	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							V-34
Anthracene	ND	0.033	mg/Kg wet							
Benzo(a)anthracene	ND	0.033	mg/Kg wet							
Benzo(a)pyrene	ND	0.033	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.033	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.033	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.033	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
2,2'-oxybis(1-Chloropropane)	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							V-34
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.033	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.033	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3'-Dichlorobenzidine	ND	0.17	mg/Kg wet							V-34
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							V-05
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.033	mg/Kg wet							
Fluorene	ND	0.033	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							L-04, V-05
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.033	mg/Kg wet							V-20
Isophorone	ND	0.34	mg/Kg wet							
1-Methylnaphthalene	ND	0.033	mg/Kg wet							
2-Methylnaphthalene	ND	0.033	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL
Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
Blank (B431002-BLK1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.033	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							V-34
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodiphenylamine/Diphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachlorophenol	ND	0.34	mg/Kg wet							V-05
Phenanthrene	ND	0.033	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.033	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	4.06		mg/Kg wet	6.472		62.8	30-130			
Surrogate: Phenol-d6	4.54		mg/Kg wet	6.472		70.1	30-130			
Surrogate: Nitrobenzene-d5	1.87		mg/Kg wet	3.236		57.8	30-130			
Surrogate: 2-Fluorobiphenyl	2.06		mg/Kg wet	3.236		63.7	30-130			
Surrogate: 2,4,6-Tribromophenol	5.13		mg/Kg wet	6.472		79.2	30-130			
Surrogate: p-Terphenyl-d14	2.35		mg/Kg wet	3.236		72.5	30-130			
LCS (B431002-BS1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
2,3,4,6-Tetrachlorophenol	1.28	0.67	mg/Kg wet	1.618		78.8	40-140			
Atrazine	1.54	0.67	mg/Kg wet	1.618		95.4	40-140			
Benzaldehyde	0.768	0.34	mg/Kg wet	1.618		47.5	40-140			V-05
Biphenyl	1.13	0.067	mg/Kg wet	1.618		69.5	40-140			
Caprolactam	1.51	0.34	mg/Kg wet	1.618		93.6	40-140			
Acenaphthene	1.04	0.033	mg/Kg wet	1.618		64.3	40-140			
Acenaphthylene	1.18	0.033	mg/Kg wet	1.618		72.9	40-140			
Acetophenone	0.980	0.34	mg/Kg wet	1.618		60.5	40-140			
Aniline	0.945	0.34	mg/Kg wet	1.618		58.4	10-140			V-34 †
Anthracene	1.20	0.033	mg/Kg wet	1.618		74.0	40-140			
Benzo(a)anthracene	1.25	0.033	mg/Kg wet	1.618		76.9	40-140			
Benzo(a)pyrene	1.23	0.033	mg/Kg wet	1.618		75.8	40-140			
Benzo(b)fluoranthene	1.15	0.033	mg/Kg wet	1.618		71.1	40-140			
Benzo(g,h,i)perylene	1.35	0.033	mg/Kg wet	1.618		83.4	40-140			
Benzo(k)fluoranthene	1.20	0.033	mg/Kg wet	1.618		73.9	40-140			
Bis(2-chloroethoxy)methane	1.04	0.34	mg/Kg wet	1.618		64.0	40-140			
Bis(2-chloroethyl)ether	0.933	0.34	mg/Kg wet	1.618		57.6	40-140			
2,2'-oxybis(1-Chloropropane)	0.986	0.34	mg/Kg wet	1.618		60.9	40-140			
Bis(2-Ethylhexyl)phthalate	1.08	0.34	mg/Kg wet	1.618		66.6	40-140			
4-Bromophenylphenylether	1.09	0.34	mg/Kg wet	1.618		67.6	40-140			
Butylbenzylphthalate	1.09	0.34	mg/Kg wet	1.618		67.6	40-140			
Carbazole	1.28	0.17	mg/Kg wet	1.618		78.9	40-140			
4-Chloroaniline	0.967	0.66	mg/Kg wet	1.618		59.8	10-140			V-34 †
4-Chloro-3-methylphenol	1.12	0.66	mg/Kg wet	1.618		69.5	30-130			
2-Chloronaphthalene	1.03	0.34	mg/Kg wet	1.618		63.5	40-140			
2-Chlorophenol	1.00	0.34	mg/Kg wet	1.618		61.9	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
LCS (B431002-BS1)					Prepared: 06/25/26 Analyzed: 06/26/26					
4-Chlorophenylphenylether	1.14	0.34	mg/Kg wet	1.618		70.5	40-140			
Chrysene	1.27	0.033	mg/Kg wet	1.618		78.6	40-140			
Dibenz(a,h)anthracene	1.31	0.033	mg/Kg wet	1.618		81.3	40-140			
Dibenzofuran	1.15	0.34	mg/Kg wet	1.618		71.1	40-140			
Di-n-butylphthalate	1.14	0.34	mg/Kg wet	1.618		70.4	40-140			
3,3'-Dichlorobenzidine	1.26	0.17	mg/Kg wet	1.618		77.7	20-140			V-34 †
2,4-Dichlorophenol	1.09	0.34	mg/Kg wet	1.618		67.5	30-130			
Diethylphthalate	1.14	0.34	mg/Kg wet	1.618		70.3	40-140			
2,4-Dimethylphenol	1.07	0.34	mg/Kg wet	1.618		66.3	30-130			
Dimethylphthalate	1.15	0.34	mg/Kg wet	1.618		71.3	40-140			
4,6-Dinitro-2-methylphenol	1.07	0.34	mg/Kg wet	1.618		66.3	30-130			
2,4-Dinitrophenol	0.890	0.66	mg/Kg wet	1.618		55.0	30-130			V-05
2,4-Dinitrotoluene	1.27	0.34	mg/Kg wet	1.618		78.2	40-140			
2,6-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.618		75.6	40-140			
Di-n-octylphthalate	0.957	0.34	mg/Kg wet	1.618		59.2	40-140			
Fluoranthene	1.25	0.033	mg/Kg wet	1.618		77.2	40-140			
Fluorene	1.20	0.033	mg/Kg wet	1.618		74.3	40-140			
Hexachlorobenzene	1.21	0.34	mg/Kg wet	1.618		74.6	40-140			
Hexachlorobutadiene	0.911	0.34	mg/Kg wet	1.618		56.3	40-140			
Hexachlorocyclopentadiene	0.278	0.34	mg/Kg wet	1.618		17.2	* 40-140			V-05, L-04, J
Hexachloroethane	0.883	0.34	mg/Kg wet	1.618		54.6	40-140			
Indeno(1,2,3-cd)pyrene	1.62	0.033	mg/Kg wet	1.618		100	40-140			V-06
Isophorone	1.12	0.34	mg/Kg wet	1.618		69.1	40-140			
1-Methylnaphthalene	1.09	0.033	mg/Kg wet	1.618		67.4	40-140			
2-Methylnaphthalene	1.00	0.033	mg/Kg wet	1.618		62.1	40-140			
2-Methylphenol	1.02	0.34	mg/Kg wet	1.618		62.8	30-130			
3/4-Methylphenol	1.09	0.34	mg/Kg wet	1.618		67.4	30-130			
Naphthalene	1.06	0.033	mg/Kg wet	1.618		65.3	40-140			
2-Nitroaniline	1.09	0.34	mg/Kg wet	1.618		67.3	40-140			
3-Nitroaniline	1.25	0.34	mg/Kg wet	1.618		77.0	30-140			V-34 †
4-Nitroaniline	1.24	0.34	mg/Kg wet	1.618		76.5	40-140			
Nitrobenzene	0.953	0.34	mg/Kg wet	1.618		58.9	40-140			
2-Nitrophenol	1.10	0.34	mg/Kg wet	1.618		67.9	30-130			
4-Nitrophenol	0.892	0.66	mg/Kg wet	1.618		55.1	30-130			
N-Nitrosodiphenylamine/Diphenylamine	1.18	0.34	mg/Kg wet	1.618		73.2	40-140			
N-Nitrosodi-n-propylamine	1.01	0.34	mg/Kg wet	1.618		62.5	40-140			
Pentachlorophenol	0.885	0.34	mg/Kg wet	1.618		54.7	30-130			V-05
Phenanthrene	1.18	0.033	mg/Kg wet	1.618		73.2	40-140			
Phenol	1.08	0.34	mg/Kg wet	1.618		66.7	30-130			
Pyrene	1.21	0.033	mg/Kg wet	1.618		74.6	40-140			
Pyridine	0.686	0.34	mg/Kg wet	1.618		42.4	30-140			†
1,2,4,5-Tetrachlorobenzene	1.01	0.34	mg/Kg wet	1.618		62.6	40-140			
2,4,5-Trichlorophenol	1.12	0.34	mg/Kg wet	1.618		69.2	30-130			
2,4,6-Trichlorophenol	1.08	0.34	mg/Kg wet	1.618		66.5	30-130			
Surrogate: 2-Fluorophenol	4.28		mg/Kg wet	6.472		66.1	30-130			
Surrogate: Phenol-d6	4.54		mg/Kg wet	6.472		70.1	30-130			
Surrogate: Nitrobenzene-d5	1.95		mg/Kg wet	3.236		60.4	30-130			
Surrogate: 2-Fluorobiphenyl	2.14		mg/Kg wet	3.236		66.0	30-130			
Surrogate: 2,4,6-Tribromophenol	5.51		mg/Kg wet	6.472		85.1	30-130			
Surrogate: p-Terphenyl-d14	2.31		mg/Kg wet	3.236		71.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
LCS Dup (B431002-BSD1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
2,3,4,6-Tetrachlorophenol	1.33	0.67	mg/Kg wet	1.618		82.1	40-140	4.03	20	
Atrazine	1.56	0.67	mg/Kg wet	1.618		96.7	40-140	1.31	30	
Benzaldehyde	0.793	0.34	mg/Kg wet	1.618		49.0	40-140	3.14	20	V-05
Biphenyl	1.14	0.067	mg/Kg wet	1.618		70.4	40-140	1.23	20	
Caprolactam	1.55	0.34	mg/Kg wet	1.618		96.0	40-140	2.51	20	
Acenaphthene	1.06	0.033	mg/Kg wet	1.618		65.5	40-140	1.81	30	
Acenaphthylene	1.18	0.033	mg/Kg wet	1.618		72.9	40-140	0.0412	30	
Acetophenone	1.02	0.34	mg/Kg wet	1.618		63.3	40-140	4.39	30	
Aniline	0.978	0.34	mg/Kg wet	1.618		60.4	10-140	3.40	50	V-34 † ‡
Anthracene	1.20	0.033	mg/Kg wet	1.618		73.9	40-140	0.0947	30	
Benzo(a)anthracene	1.25	0.033	mg/Kg wet	1.618		77.2	40-140	0.322	30	
Benzo(a)pyrene	1.24	0.033	mg/Kg wet	1.618		76.6	40-140	1.07	30	
Benzo(b)fluoranthene	1.15	0.033	mg/Kg wet	1.618		71.3	40-140	0.332	30	
Benzo(g,h,i)perylene	1.35	0.033	mg/Kg wet	1.618		83.6	40-140	0.299	30	
Benzo(k)fluoranthene	1.23	0.033	mg/Kg wet	1.618		75.7	40-140	2.49	30	
Bis(2-chloroethoxy)methane	1.08	0.34	mg/Kg wet	1.618		67.0	40-140	4.52	30	
Bis(2-chloroethyl)ether	0.988	0.34	mg/Kg wet	1.618		61.1	40-140	5.77	30	
2,2'-oxybis(1-Chloropropane)	1.03	0.34	mg/Kg wet	1.618		63.6	40-140	4.29	30	
Bis(2-Ethylhexyl)phthalate	1.20	0.34	mg/Kg wet	1.618		74.1	40-140	10.7	30	
4-Bromophenylphenylether	1.13	0.34	mg/Kg wet	1.618		70.1	40-140	3.58	30	
Butylbenzylphthalate	1.16	0.34	mg/Kg wet	1.618		71.9	40-140	6.26	30	
Carbazole	1.25	0.17	mg/Kg wet	1.618		77.3	40-140	2.01	30	
4-Chloroaniline	0.917	0.66	mg/Kg wet	1.618		56.7	10-140	5.39	30	V-34 †
4-Chloro-3-methylphenol	1.18	0.66	mg/Kg wet	1.618		72.8	30-130	4.71	30	
2-Chloronaphthalene	1.04	0.34	mg/Kg wet	1.618		64.4	40-140	1.45	30	
2-Chlorophenol	1.04	0.34	mg/Kg wet	1.618		64.4	30-130	4.04	30	
4-Chlorophenylphenylether	1.19	0.34	mg/Kg wet	1.618		73.3	40-140	3.81	30	
Chrysene	1.27	0.033	mg/Kg wet	1.618		78.6	40-140	0.00251	30	
Dibenz(a,h)anthracene	1.34	0.033	mg/Kg wet	1.618		83.1	40-140	2.19	30	
Dibenzofuran	1.17	0.34	mg/Kg wet	1.618		72.4	40-140	1.78	30	
Di-n-butylphthalate	1.17	0.34	mg/Kg wet	1.618		72.6	40-140	3.08	30	
3,3'-Dichlorobenzidine	1.19	0.17	mg/Kg wet	1.618		73.7	20-140	5.27	50	V-34 † ‡
2,4-Dichlorophenol	1.14	0.34	mg/Kg wet	1.618		70.3	30-130	4.12	30	
Diethylphthalate	1.18	0.34	mg/Kg wet	1.618		72.7	40-140	3.27	30	
2,4-Dimethylphenol	1.12	0.34	mg/Kg wet	1.618		69.1	30-130	4.13	30	
Dimethylphthalate	1.18	0.34	mg/Kg wet	1.618		73.0	40-140	2.43	30	
4,6-Dinitro-2-methylphenol	1.09	0.34	mg/Kg wet	1.618		67.4	30-130	1.67	30	
2,4-Dinitrophenol	0.936	0.66	mg/Kg wet	1.618		57.9	30-130	5.09	30	V-05
2,4-Dinitrotoluene	1.27	0.34	mg/Kg wet	1.618		78.5	40-140	0.294	30	
2,6-Dinitrotoluene	1.28	0.34	mg/Kg wet	1.618		79.2	40-140	4.59	30	
Di-n-octylphthalate	1.09	0.34	mg/Kg wet	1.618		67.2	40-140	12.7	30	
Fluoranthene	1.23	0.033	mg/Kg wet	1.618		76.1	40-140	1.38	30	
Fluorene	1.21	0.033	mg/Kg wet	1.618		75.0	40-140	0.905	30	
Hexachlorobenzene	1.23	0.34	mg/Kg wet	1.618		75.8	40-140	1.59	30	
Hexachlorobutadiene	0.940	0.34	mg/Kg wet	1.618		58.1	40-140	3.10	30	
Hexachlorocyclopentadiene	0.313	0.34	mg/Kg wet	1.618		19.3 *	40-140	11.7	30	L-04, V-05, J
Hexachloroethane	0.904	0.34	mg/Kg wet	1.618		55.9	40-140	2.31	30	
Indeno(1,2,3-cd)pyrene	1.66	0.033	mg/Kg wet	1.618		103	40-140	2.56	30	V-06
Isophorone	1.17	0.34	mg/Kg wet	1.618		72.2	40-140	4.37	30	
1-Methylnaphthalene	1.13	0.033	mg/Kg wet	1.618		70.1	40-140	3.99	30	
2-Methylnaphthalene	1.05	0.033	mg/Kg wet	1.618		64.9	40-140	4.41	30	
2-Methylphenol	1.10	0.34	mg/Kg wet	1.618		67.7	30-130	7.40	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
LCS Dup (B431002-BSD1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
3/4-Methylphenol	1.16	0.34	mg/Kg wet	1.618		71.5	30-130	5.79	30	
Naphthalene	1.08	0.033	mg/Kg wet	1.618		66.8	40-140	2.37	30	
2-Nitroaniline	1.12	0.34	mg/Kg wet	1.618		69.2	40-140	2.83	30	
3-Nitroaniline	1.22	0.34	mg/Kg wet	1.618		75.4	30-140	2.19	30	V-34 †
4-Nitroaniline	1.23	0.34	mg/Kg wet	1.618		76.0	40-140	0.687	30	
Nitrobenzene	0.992	0.34	mg/Kg wet	1.618		61.3	40-140	4.02	30	
2-Nitrophenol	1.14	0.34	mg/Kg wet	1.618		70.2	30-130	3.43	30	
4-Nitrophenol	1.01	0.66	mg/Kg wet	1.618		62.7	30-130	12.8	50	‡
N-Nitrosodiphenylamine/Diphenylamine	1.19	0.34	mg/Kg wet	1.618		73.6	40-140	0.441	30	
N-Nitrosodi-n-propylamine	1.06	0.34	mg/Kg wet	1.618		65.5	40-140	4.68	30	
Pentachlorophenol	0.888	0.34	mg/Kg wet	1.618		54.9	30-130	0.296	30	V-05
Phenanthrene	1.18	0.033	mg/Kg wet	1.618		72.8	40-140	0.636	30	
Phenol	1.13	0.34	mg/Kg wet	1.618		70.0	30-130	4.74	30	
Pyrene	1.25	0.033	mg/Kg wet	1.618		77.1	40-140	3.30	30	
Pyridine	0.699	0.34	mg/Kg wet	1.618		43.2	30-140	1.98	30	†
1,2,4,5-Tetrachlorobenzene	1.03	0.34	mg/Kg wet	1.618		63.7	40-140	1.76	30	
2,4,5-Trichlorophenol	1.15	0.34	mg/Kg wet	1.618		70.9	30-130	2.35	30	
2,4,6-Trichlorophenol	1.10	0.34	mg/Kg wet	1.618		68.2	30-130	2.51	30	
Surrogate: 2-Fluorophenol	4.35		mg/Kg wet	6.472		67.2	30-130			
Surrogate: Phenol-d6	4.67		mg/Kg wet	6.472		72.1	30-130			
Surrogate: Nitrobenzene-d5	2.04		mg/Kg wet	3.236		62.9	30-130			
Surrogate: 2-Fluorobiphenyl	2.16		mg/Kg wet	3.236		66.8	30-130			
Surrogate: 2,4,6-Tribromophenol	5.55		mg/Kg wet	6.472		85.7	30-130			
Surrogate: p-Terphenyl-d14	2.44		mg/Kg wet	3.236		75.4	30-130			
Matrix Spike (B431002-MS1)										
Source: 26F1604-01RE2 Prepared: 06/25/26 Analyzed: 06/26/26										
2,3,4,6-Tetrachlorophenol	2.96	2.2	mg/Kg dry	5.595	ND	52.9	40-140			
Atrazine	4.07	2.2	mg/Kg dry	5.595	ND	72.7	40-140			
Benzaldehyde	2.13	1.1	mg/Kg dry	5.595	0.195	34.5 *	40-140			MS-09, V-05
Biphenyl	3.58	0.22	mg/Kg dry	5.595	ND	64.0	40-140			
Caprolactam	4.40	1.1	mg/Kg dry	5.595	ND	78.6	40-140			
Acenaphthene	3.25	0.11	mg/Kg dry	5.595	ND	58.0	40-140			
Acenaphthylene	3.63	0.11	mg/Kg dry	5.595	ND	64.9	40-140			
Acetophenone	3.12	1.1	mg/Kg dry	5.595	ND	55.8	40-140			
Aniline	4.16	1.1	mg/Kg dry	5.595	ND	74.4	40-140			V-34
Anthracene	3.63	0.11	mg/Kg dry	5.595	ND	64.9	40-140			
Benzo(a)anthracene	3.71	0.11	mg/Kg dry	5.595	ND	66.2	40-140			
Benzo(a)pyrene	3.65	0.11	mg/Kg dry	5.595	ND	65.3	40-140			
Benzo(b)fluoranthene	3.58	0.11	mg/Kg dry	5.595	0.0285	63.5	40-140			
Benzo(g,h,i)perylene	4.23	0.11	mg/Kg dry	5.595	ND	75.6	40-140			
Benzo(k)fluoranthene	3.71	0.11	mg/Kg dry	5.595	ND	66.3	40-140			
Bis(2-chloroethoxy)methane	3.27	1.1	mg/Kg dry	5.595	ND	58.5	40-140			
Bis(2-chloroethyl)ether	3.00	1.1	mg/Kg dry	5.595	ND	53.7	40-140			
2,2'-oxybis(1-Chloropropane)	3.18	1.1	mg/Kg dry	5.595	ND	56.8	40-140			
Bis(2-Ethylhexyl)phthalate	3.66	1.1	mg/Kg dry	5.595	ND	65.5	40-140			
4-Bromophenylphenylether	3.49	1.1	mg/Kg dry	5.595	ND	62.4	40-140			
Butylbenzylphthalate	3.45	1.1	mg/Kg dry	5.595	ND	61.6	40-140			
Carbazole	3.84	0.57	mg/Kg dry	5.595	ND	68.7	40-140			
4-Chloroaniline	1.20	2.2	mg/Kg dry	5.595	ND	21.5 *	40-140			MS-09, V-34, R-06, J
4-Chloro-3-methylphenol	3.47	2.2	mg/Kg dry	5.595	ND	61.9	30-130			
2-Chloronaphthalene	3.30	1.1	mg/Kg dry	5.595	ND	59.0	40-140			
2-Chlorophenol	3.29	1.1	mg/Kg dry	5.595	ND	58.8	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
Matrix Spike (B431002-MS1)	Source: 26F1604-01RE2			Prepared: 06/25/26 Analyzed: 06/26/26						
4-Chlorophenylphenylether	3.44	1.1	mg/Kg dry	5.595	ND	61.5	40-140			
Chrysene	3.77	0.11	mg/Kg dry	5.595	ND	67.4	40-140			
Dibenz(a,h)anthracene	4.09	0.11	mg/Kg dry	5.595	ND	73.1	40-140			
Dibenzofuran	3.54	1.1	mg/Kg dry	5.595	ND	63.3	40-140			
Di-n-butylphthalate	3.33	1.1	mg/Kg dry	5.595	ND	59.5	40-140			
3,3'-Dichlorobenzidine	2.23	0.57	mg/Kg dry	5.595	ND	39.8	* 40-140			MS-23, V-34
2,4-Dichlorophenol	3.49	1.1	mg/Kg dry	5.595	ND	62.5	30-130			
Diethylphthalate	3.42	1.1	mg/Kg dry	5.595	ND	61.1	40-140			
2,4-Dimethylphenol	3.57	1.1	mg/Kg dry	5.595	ND	63.8	30-130			
Dimethylphthalate	3.48	1.1	mg/Kg dry	5.595	ND	62.3	40-140			
4,6-Dinitro-2-methylphenol	0.186	1.1	mg/Kg dry	5.595	ND	3.32	* 30-130			MS-09, J
2,4-Dinitrophenol	0.704	2.2	mg/Kg dry	5.595	ND	12.6	* 30-130			MS-09, V-05, J
2,4-Dinitrotoluene	1.14	1.1	mg/Kg dry	5.595	ND	20.4	* 40-140			MS-09
2,6-Dinitrotoluene	1.30	1.1	mg/Kg dry	5.595	ND	23.2	* 40-140			MS-09
Di-n-octylphthalate	3.75	1.1	mg/Kg dry	5.595	ND	67.0	40-140			
Fluoranthene	3.84	0.11	mg/Kg dry	5.595	0.0433	67.9	40-140			
Fluorene	3.62	0.11	mg/Kg dry	5.595	ND	64.6	40-140			
Hexachlorobenzene	3.71	1.1	mg/Kg dry	5.595	ND	66.3	40-140			
Hexachlorobutadiene	2.82	1.1	mg/Kg dry	5.595	ND	50.5	40-140			
Hexachlorocyclopentadiene	ND	1.1	mg/Kg dry	5.595	ND	*	30-130			L-04, MS-09, V-05
Hexachloroethane	0.586	1.1	mg/Kg dry	5.595	ND	10.5	* 40-140			MS-09, J
Indeno(1,2,3-cd)pyrene	5.02	0.11	mg/Kg dry	5.595	ND	89.7	40-140			V-06
Isophorone	3.56	1.1	mg/Kg dry	5.595	ND	63.7	40-140			
1-Methylnaphthalene	3.54	0.11	mg/Kg dry	5.595	ND	63.2	40-140			
2-Methylnaphthalene	3.22	0.11	mg/Kg dry	5.595	ND	57.5	40-140			
2-Methylphenol	3.39	1.1	mg/Kg dry	5.595	ND	60.6	30-130			
3/4-Methylphenol	22.7	1.1	mg/Kg dry	5.595	25.7	-54.3	* 30-130			MS-09
Naphthalene	3.35	0.11	mg/Kg dry	5.595	0.114	57.9	40-140			
2-Nitroaniline	1.96	1.1	mg/Kg dry	5.595	ND	35.1	* 40-140			MS-22
3-Nitroaniline	1.03	1.1	mg/Kg dry	5.595	ND	18.5	* 40-140			V-34, MS-09, R-06, J
4-Nitroaniline	1.86	1.1	mg/Kg dry	5.595	ND	33.2	* 40-140			MS-23
Nitrobenzene	1.23	1.1	mg/Kg dry	5.595	ND	22.0	* 40-140			MS-09
2-Nitrophenol	0.581	1.1	mg/Kg dry	5.595	ND	10.4	* 30-130			R-06, MS-09, J
4-Nitrophenol	1.08	2.2	mg/Kg dry	5.595	ND	19.3	* 30-130			MS-09, J
N-Nitrosodiphenylamine/Diphenylamine	3.72	1.1	mg/Kg dry	5.595	ND	66.5	40-140			
N-Nitrosodi-n-propylamine	3.27	1.1	mg/Kg dry	5.595	ND	58.4	40-140			
Pentachlorophenol	1.65	1.1	mg/Kg dry	5.595	ND	29.4	* 30-130			MS-22, V-05
Phenanthrene	3.59	0.11	mg/Kg dry	5.595	0.0249	63.8	40-140			
Phenol	6.26	1.1	mg/Kg dry	5.595	3.33	52.5	30-130			
Pyrene	3.61	0.11	mg/Kg dry	5.595	0.0287	64.0	40-140			
Pyridine	1.79	1.1	mg/Kg dry	5.595	ND	32.0	* 40-140			MS-09
1,2,4,5-Tetrachlorobenzene	3.26	1.1	mg/Kg dry	5.595	ND	58.3	40-140			
2,4,5-Trichlorophenol	3.41	1.1	mg/Kg dry	5.595	ND	60.9	30-130			
2,4,6-Trichlorophenol	3.07	1.1	mg/Kg dry	5.595	ND	54.8	30-130			
Surrogate: 2-Fluorophenol	13.4		mg/Kg dry	22.38		59.9	30-130			
Surrogate: Phenol-d6	14.7		mg/Kg dry	22.38		65.6	30-130			
Surrogate: Nitrobenzene-d5	2.15		mg/Kg dry	11.19		19.2	* 30-130			S-07
Surrogate: 2-Fluorobiphenyl	6.85		mg/Kg dry	11.19		61.2	30-130			
Surrogate: 2,4,6-Tribromophenol	13.0		mg/Kg dry	22.38		58.1	30-130			
Surrogate: p-Terphenyl-d14	7.00		mg/Kg dry	11.19		62.6	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
Matrix Spike Dup (B431002-MSD1)		Source: 26F1604-01RE2		Prepared: 06/25/26 Analyzed: 06/26/26						
2,3,4,6-Tetrachlorophenol	3.41	2.2	mg/Kg dry	5.595	ND	61.0	40-140	14.2	30	
Atrazine	4.35	2.2	mg/Kg dry	5.595	ND	77.8	40-140	6.79	30	
Benzaldehyde	1.92	1.1	mg/Kg dry	5.595	0.195	30.8	* 40-140	10.3	30	MS-09, V-05
Biphenyl	3.57	0.22	mg/Kg dry	5.595	ND	63.9	40-140	0.269	30	
Caprolactam	4.80	1.1	mg/Kg dry	5.595	ND	85.8	40-140	8.74	30	
Acenaphthene	3.32	0.11	mg/Kg dry	5.595	ND	59.4	40-140	2.34	30	
Acenaphthylene	3.74	0.11	mg/Kg dry	5.595	ND	66.8	40-140	2.88	30	
Acetophenone	3.13	1.1	mg/Kg dry	5.595	ND	55.9	40-140	0.168	30	
Aniline	4.43	1.1	mg/Kg dry	5.595	ND	79.2	40-140	6.27	30	V-34
Anthracene	3.78	0.11	mg/Kg dry	5.595	ND	67.6	40-140	4.07	30	
Benzo(a)anthracene	3.83	0.11	mg/Kg dry	5.595	ND	68.5	40-140	3.35	30	
Benzo(a)pyrene	3.78	0.11	mg/Kg dry	5.595	ND	67.6	40-140	3.47	30	
Benzo(b)fluoranthene	3.70	0.11	mg/Kg dry	5.595	0.0285	65.5	40-140	3.06	30	
Benzo(g,h,i)perylene	4.20	0.11	mg/Kg dry	5.595	ND	75.1	40-140	0.576	30	
Benzo(k)fluoranthene	3.90	0.11	mg/Kg dry	5.595	ND	69.6	40-140	4.88	30	
Bis(2-chloroethoxy)methane	3.32	1.1	mg/Kg dry	5.595	ND	59.4	40-140	1.49	30	
Bis(2-chloroethyl)ether	2.91	1.1	mg/Kg dry	5.595	ND	52.0	40-140	3.30	30	
2,2'-oxybis(1-Chloropropane)	3.07	1.1	mg/Kg dry	5.595	ND	54.8	40-140	3.49	30	
Bis(2-Ethylhexyl)phthalate	3.82	1.1	mg/Kg dry	5.595	ND	68.3	40-140	4.23	30	
4-Bromophenylphenylether	3.58	1.1	mg/Kg dry	5.595	ND	64.0	40-140	2.47	30	
Butylbenzylphthalate	3.58	1.1	mg/Kg dry	5.595	ND	64.0	40-140	3.86	30	
Carbazole	4.04	0.57	mg/Kg dry	5.595	ND	72.2	40-140	5.02	30	
4-Chloroaniline	2.18	2.2	mg/Kg dry	5.595	ND	38.9	* 40-140	57.7	* 30	MS-09, R-06, V-34, J
4-Chloro-3-methylphenol	3.67	2.2	mg/Kg dry	5.595	ND	65.6	30-130	5.73	30	
2-Chloronaphthalene	3.30	1.1	mg/Kg dry	5.595	ND	59.0	40-140	0.0814	30	
2-Chlorophenol	3.30	1.1	mg/Kg dry	5.595	ND	59.0	30-130	0.496	30	
4-Chlorophenylphenylether	3.60	1.1	mg/Kg dry	5.595	ND	64.4	40-140	4.53	30	
Chrysene	3.87	0.11	mg/Kg dry	5.595	ND	69.1	40-140	2.50	30	
Dibenz(a,h)anthracene	4.16	0.11	mg/Kg dry	5.595	ND	74.3	40-140	1.71	30	
Dibenzofuran	3.65	1.1	mg/Kg dry	5.595	ND	65.3	40-140	3.06	30	
Di-n-butylphthalate	3.58	1.1	mg/Kg dry	5.595	ND	63.9	40-140	7.12	30	
3,3'-Dichlorobenzidine	3.18	0.57	mg/Kg dry	5.595	ND	56.9	40-140	35.2	* 30	R-06, V-34
2,4-Dichlorophenol	3.68	1.1	mg/Kg dry	5.595	ND	65.7	30-130	5.11	30	
Diethylphthalate	3.58	1.1	mg/Kg dry	5.595	ND	64.0	40-140	4.61	30	
2,4-Dimethylphenol	3.72	1.1	mg/Kg dry	5.595	ND	66.4	30-130	3.98	30	
Dimethylphthalate	3.71	1.1	mg/Kg dry	5.595	ND	66.4	40-140	6.35	30	
4,6-Dinitro-2-methylphenol	0.0948	1.1	mg/Kg dry	5.595	ND	1.69	* 30-130		30	MS-09, J
2,4-Dinitrophenol	0.641	2.2	mg/Kg dry	5.595	ND	11.5	* 30-130		30	MS-09, V-05, J
2,4-Dinitrotoluene	1.23	1.1	mg/Kg dry	5.595	ND	22.0	* 40-140	7.63	30	MS-09
2,6-Dinitrotoluene	1.39	1.1	mg/Kg dry	5.595	ND	24.8	* 40-140	6.76	30	MS-09
Di-n-octylphthalate	4.02	1.1	mg/Kg dry	5.595	ND	71.8	40-140	6.91	30	
Fluoranthene	4.00	0.11	mg/Kg dry	5.595	0.0433	70.7	40-140	4.05	30	
Fluorene	3.75	0.11	mg/Kg dry	5.595	ND	67.0	40-140	3.65	30	
Hexachlorobenzene	3.82	1.1	mg/Kg dry	5.595	ND	68.2	40-140	2.84	30	
Hexachlorobutadiene	2.75	1.1	mg/Kg dry	5.595	ND	49.2	40-140	2.62	30	
Hexachlorocyclopentadiene	ND	1.1	mg/Kg dry	5.595	ND	*	30-130	NC	30	L-04, MS-09, V-05
Hexachloroethane	0.770	1.1	mg/Kg dry	5.595	ND	13.8	* 40-140	27.1	30	MS-09, J
Indeno(1,2,3-cd)pyrene	5.04	0.11	mg/Kg dry	5.595	ND	90.0	40-140	0.410	30	V-06
Isophorone	3.57	1.1	mg/Kg dry	5.595	ND	63.8	40-140	0.157	30	
1-Methylnaphthalene	3.54	0.11	mg/Kg dry	5.595	ND	63.3	40-140	0.161	30	
2-Methylnaphthalene	3.25	0.11	mg/Kg dry	5.595	ND	58.1	40-140	1.07	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431002 - SW-846 3546										
Matrix Spike Dup (B431002-MSD1)		Source: 26F1604-01RE2			Prepared: 06/25/26 Analyzed: 06/26/26					
2-Methylphenol	3.50	1.1	mg/Kg dry	5.595	ND	62.5	30-130	3.16	30	
3/4-Methylphenol	23.5	1.1	mg/Kg dry	5.595	25.7	-39.8 *	30-130	3.51	30	MS-09
Naphthalene	3.30	0.11	mg/Kg dry	5.595	0.114	57.0	40-140	1.49	30	
2-Nitroaniline	2.52	1.1	mg/Kg dry	5.595	ND	45.0	40-140	24.7	30	
3-Nitroaniline	1.73	1.1	mg/Kg dry	5.595	ND	30.9 *	40-140	50.3 *	30	MS-09, R-06, V-34
4-Nitroaniline	3.13	1.1	mg/Kg dry	5.595	ND	55.9	40-140	50.9 *	30	R-06
Nitrobenzene	1.30	1.1	mg/Kg dry	5.595	ND	23.3 *	40-140	5.43	30	MS-09
2-Nitrophenol	0.339	1.1	mg/Kg dry	5.595	ND	6.06 *	30-130	52.5 *	30	MS-09, R-06, J
4-Nitrophenol	1.36	2.2	mg/Kg dry	5.595	ND	24.2 *	30-130	22.7	30	MS-09, J
N-Nitrosodiphenylamine/Diphenylamine	3.82	1.1	mg/Kg dry	5.595	ND	68.3	40-140	2.77	30	
N-Nitrosodi-n-propylamine	3.23	1.1	mg/Kg dry	5.595	ND	57.7	40-140	1.25	30	
Pentachlorophenol	1.80	1.1	mg/Kg dry	5.595	ND	32.1	30-130	8.75	30	V-05
Phenanthrene	3.73	0.11	mg/Kg dry	5.595	0.0249	66.1	40-140	3.61	30	
Phenol	6.38	1.1	mg/Kg dry	5.595	3.33	54.6	30-130	1.79	30	
Pyrene	3.62	0.11	mg/Kg dry	5.595	0.0287	64.1	40-140	0.177	30	
Pyridine	1.86	1.1	mg/Kg dry	5.595	ND	33.3 *	40-140	3.95	30	MS-09
1,2,4,5-Tetrachlorobenzene	3.25	1.1	mg/Kg dry	5.595	ND	58.1	40-140	0.333	30	
2,4,5-Trichlorophenol	3.68	1.1	mg/Kg dry	5.595	ND	65.8	30-130	7.70	30	
2,4,6-Trichlorophenol	3.43	1.1	mg/Kg dry	5.595	ND	61.3	30-130	11.3	30	
Surrogate: 2-Fluorophenol	12.8		mg/Kg dry	22.38		57.3	30-130			
Surrogate: Phenol-d6	14.9		mg/Kg dry	22.38		66.4	30-130			
Surrogate: Nitrobenzene-d5	2.07		mg/Kg dry	11.19		18.5 *	30-130			S-07
Surrogate: 2-Fluorobiphenyl	6.31		mg/Kg dry	11.19		56.4	30-130			
Surrogate: 2,4,6-Tribromophenol	14.8		mg/Kg dry	22.38		66.3	30-130			
Surrogate: p-Terphenyl-d14	6.52		mg/Kg dry	11.19		58.3	30-130			

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QUALITY CONTROL
1,4-Dioxane by isotope dilution GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430647 - SW-846 3510C										
Blank (B430647-BLK1)				Prepared: 06/19/26 Analyzed: 06/22/26						
1,4-Dioxane	ND	0.20	µg/L							
Surrogate: 1,4-Dioxane-d8	2.52		µg/L	10.00		25.2	15-110			
LCS (B430647-BS1)				Prepared: 06/19/26 Analyzed: 06/22/26						
1,4-Dioxane	7.70	0.20	µg/L	10.00		77.0	40-140			
Surrogate: 1,4-Dioxane-d8	2.36		µg/L	10.00		23.6	15-110			
LCS Dup (B430647-BSD1)				Prepared: 06/19/26 Analyzed: 06/22/26						
1,4-Dioxane	8.00	0.20	µg/L	10.00		80.0	40-140	3.88	30	
Surrogate: 1,4-Dioxane-d8	2.55		µg/L	10.00		25.5	15-110			
Matrix Spike (B430647-MS1)				Source: 26F1604-03		Prepared: 06/19/26 Analyzed: 06/22/26				
1,4-Dioxane	7.59	0.20	µg/L	9.615	ND	78.9	30-140			
Surrogate: 1,4-Dioxane-d8	2.23		µg/L	9.615		23.2	15-110			
Matrix Spike Dup (B430647-MSD1)				Source: 26F1604-03		Prepared: 06/19/26 Analyzed: 06/22/26				
1,4-Dioxane	7.72	0.20	µg/L	9.524	ND	81.1	30-140	1.71	30	
Surrogate: 1,4-Dioxane-d8	2.27		µg/L	9.524		23.8	15-110			
Batch B430686 - SW-846 3546										
Blank (B430686-BLK1)				Prepared: 06/19/26 Analyzed: 06/25/26						
1,4-Dioxane	ND	0.050	mg/Kg wet							
Surrogate: 1,4-Dioxane-d8	0.214		mg/Kg wet	0.4801		44.6	15-110			
LCS (B430686-BS1)				Prepared: 06/19/26 Analyzed: 06/25/26						
1,4-Dioxane	0.297	0.050	mg/Kg wet	0.4907		60.5	40-140			
Surrogate: 1,4-Dioxane-d8	0.319		mg/Kg wet	0.4907		65.0	15-110			
LCS Dup (B430686-BSD1)				Prepared: 06/19/26 Analyzed: 06/25/26						
1,4-Dioxane	0.353	0.050	mg/Kg wet	0.4815		73.3	40-140	17.2	30	
Surrogate: 1,4-Dioxane-d8	0.187		mg/Kg wet	0.4815		38.8	15-110			
Matrix Spike (B430686-MS1)				Source: 26F1604-01		Prepared: 06/19/26 Analyzed: 06/25/26				
1,4-Dioxane	1.33	0.17	mg/Kg dry	1.614	ND	82.2	30-140			
Surrogate: 1,4-Dioxane-d8	0.580		mg/Kg dry	1.614		35.9	15-110			
Matrix Spike Dup (B430686-MSD1)				Source: 26F1604-01		Prepared: 06/19/26 Analyzed: 06/25/26				
1,4-Dioxane	1.31	0.17	mg/Kg dry	1.612	ND	81.4	30-140	1.13	30	
Surrogate: 1,4-Dioxane-d8	0.667		mg/Kg dry	1.612		41.4	15-110			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430311 - EPA 1633										
Blank (B430311-BLK1)										
Prepared & Analyzed: 06/24/26										
Perfluorobutanoic acid (PFBA)	ND	0.800	µg/kg wet							
Perfluoropentanoic acid (PFPeA)	ND	0.400	µg/kg wet							
Perfluorohexanoic acid (PFHxA)	ND	0.200	µg/kg wet							
Perfluoroheptanoic acid (PFHpA)	ND	0.200	µg/kg wet							
Perfluorooctanoic acid (PFOA)	ND	0.200	µg/kg wet							
Perfluorononanoic acid (PFNA)	ND	0.200	µg/kg wet							
Perfluorodecanoic acid (PFDA)	ND	0.200	µg/kg wet							
Perfluoroundecanoic acid (PFUnA)	ND	0.200	µg/kg wet							
Perfluorododecanoic acid (PFDoA)	ND	0.200	µg/kg wet							
Perfluorotridecanoic acid (PFTrDA)	ND	0.200	µg/kg wet							
Perfluorotetradecanoic acid (PFTeDA)	ND	0.200	µg/kg wet							
Perfluorobutanesulfonic acid (PFBS)	ND	0.200	µg/kg wet							
Perfluoropentanesulfonic acid (PFPeS)	ND	0.200	µg/kg wet							
Perfluorohexanesulfonic acid (PFHxS)	ND	0.200	µg/kg wet							
Perfluoroheptanesulfonic acid (PFHpS)	ND	0.200	µg/kg wet							
Perfluorooctanesulfonic acid (PFOS)	ND	0.200	µg/kg wet							
Perfluorononanesulfonic acid (PFNS)	ND	0.200	µg/kg wet							
Perfluorodecanesulfonic acid (PFDS)	ND	0.200	µg/kg wet							
Perfluorododecanesulfonic acid (PFDoS)	ND	0.200	µg/kg wet							
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	0.800	µg/kg wet							
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	0.800	µg/kg wet							
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	0.800	µg/kg wet							
Perfluorooctanesulfonamide (PFOSA)	ND	0.200	µg/kg wet							
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	0.200	µg/kg wet							
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	0.200	µg/kg wet							
N-MeFOSAA (NMeFOSAA)	ND	0.200	µg/kg wet							
N-EtFOSAA (NEtFOSAA)	ND	0.200	µg/kg wet							
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	2.00	µg/kg wet							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	2.00	µg/kg wet							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	0.800	µg/kg wet							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	0.800	µg/kg wet							
9Cl-PF3ONS	ND	0.800	µg/kg wet							
11Cl-PF3OUdS	ND	0.800	µg/kg wet							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	1.00	µg/kg wet							
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	ND	5.00	µg/kg wet							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	5.00	µg/kg wet							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	ND	0.400	µg/kg wet							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	0.400	µg/kg wet							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	0.400	µg/kg wet							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.400	µg/kg wet							
Surrogate: 13C4-PFBA	1.57		µg/kg wet	8.004		19.6	8-130			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430311 - EPA 1633
Blank (B430311-BLK1)

Prepared & Analyzed: 06/24/26

Surrogate: 13C5-PFPeA	1.61		µg/kg wet	3.993		40.4	35-130			
Surrogate: 13C5-PFHxA	1.43		µg/kg wet	2.018		70.9	40-130			
Surrogate: 13C4-PFHpA	1.64		µg/kg wet	1.996		81.9	40-130			
Surrogate: 13C8-PFOA	1.72		µg/kg wet	2.026		85.0	40-130			
Surrogate: 13C9-PFNA	0.852		µg/kg wet	1.006		84.7	40-130			
Surrogate: 13C6-PFDA	0.823		µg/kg wet	1.013		81.3	40-130			
Surrogate: 13C7-PFUnA	0.928		µg/kg wet	0.9880		94.0	40-130			
Surrogate: 13C2-PFDoA	0.811		µg/kg wet	0.9884		82.0	40-130			
Surrogate: 13C2-PFTeDA	0.788		µg/kg wet	1.011		77.9	20-130			
Surrogate: 13C3-PFBS	1.62		µg/kg wet	2.000		80.9	40-135			
Surrogate: 13C3-PFHxS	1.74		µg/kg wet	1.990		87.6	40-130			
Surrogate: 13C8-PFOS	1.45		µg/kg wet	2.018		72.0	40-130			
Surrogate: 13C2-4:2FTS	2.62		µg/kg wet	4.004		65.4	40-165			
Surrogate: 13C2-6:2FTS	3.25		µg/kg wet	3.983		81.6	40-215			
Surrogate: 13C2-8:2FTS	3.88		µg/kg wet	4.004		97.0	40-275			
Surrogate: 13C8-PFOSA	1.36		µg/kg wet	2.010		67.5	40-130			
Surrogate: D3-NMeFOSA	1.27		µg/kg wet	2.010		63.2	10-130			
Surrogate: D5-NEtFOSA	1.31		µg/kg wet	2.006		65.1	10-130			
Surrogate: D3-NMeFOSAA	2.96		µg/kg wet	4.000		74.0	40-135			
Surrogate: D5-NEtFOSAA	2.73		µg/kg wet	4.024		67.8	40-150			
Surrogate: D7-NMeFOSE	13.7		µg/kg wet	20.15		67.8	20-130			
Surrogate: D9-NEtFOSE	12.8		µg/kg wet	19.93		64.2	15-130			
Surrogate: 13C3-HFPO-DA	4.96		µg/kg wet	8.068		61.5	40-130			

LCS (B430311-BS1)

Prepared & Analyzed: 06/24/26

Perfluorobutanoic acid (PFBA)	7.98	0.800	µg/kg wet	7.928		101	70-140			
Perfluoropentanoic acid (PFPeA)	4.17	0.400	µg/kg wet	4.079		102	60-150			
Perfluorohexanoic acid (PFHxA)	2.02	0.200	µg/kg wet	2.039		99.1	65-140			
Perfluoroheptanoic acid (PFHpA)	2.08	0.200	µg/kg wet	2.030		102	65-145			
Perfluorooctanoic acid (PFOA)	2.02	0.200	µg/kg wet	2.032		99.6	70-150			
Perfluorononanoic acid (PFNA)	2.00	0.200	µg/kg wet	2.000		100	70-155			
Perfluorodecanoic acid (PFDA)	2.03	0.200	µg/kg wet	2.011		101	70-155			
Perfluoroundecanoic acid (PFUnA)	2.02	0.200	µg/kg wet	2.016		100	70-155			
Perfluorododecanoic acid (PFDoA)	1.93	0.200	µg/kg wet	2.020		95.5	70-150			
Perfluorotridecanoic acid (PFTTrDA)	1.92	0.200	µg/kg wet	2.025		94.9	65-150			
Perfluorotetradecanoic acid (PFTeDA)	2.08	0.200	µg/kg wet	2.017		103	65-150			
Perfluorobutanesulfonic acid (PFBS)	2.08	0.200	µg/kg wet	2.020		103	65-145			
Perfluoropentanesulfonic acid (PFPeS)	1.99	0.200	µg/kg wet	2.033		98.0	55-160			
Perfluorohexanesulfonic acid (PFHxS)	1.76	0.200	µg/kg wet	2.033		86.6	60-150			
Perfluoroheptanesulfonic acid (PFHpS)	2.13	0.200	µg/kg wet	2.016		105	65-155			
Perfluorooctanesulfonic acid (PFOS)	1.94	0.200	µg/kg wet	2.000		97.0	65-160			
Perfluorononanesulfonic acid (PFNS)	2.04	0.200	µg/kg wet	2.006		102	55-140			
Perfluorodecanesulfonic acid (PFDS)	1.99	0.200	µg/kg wet	2.014		98.8	40-155			
Perfluorododecanesulfonic acid (PFDoS)	2.07	0.200	µg/kg wet	2.035		102	25-160			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	8.42	0.800	µg/kg wet	8.080		104	60-150			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	8.49	0.800	µg/kg wet	7.918		107	55-200			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	8.26	0.800	µg/kg wet	8.016		103	70-150			
Perfluorooctanesulfonamide (PFOSA)	1.99	0.200	µg/kg wet	2.001		99.6	70-140			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	1.97	0.200	µg/kg wet	2.038		96.9	70-155			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430311 - EPA 1633										
LCS (B430311-BS1)				Prepared & Analyzed: 06/24/26						
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	1.92	0.200	µg/kg wet	2.014		95.2	70-140			
N-MeFOSAA (NMeFOSAA)	1.94	0.200	µg/kg wet	2.037		95.5	65-155			
N-EtFOSAA (NEtFOSAA)	1.95	0.200	µg/kg wet	2.000		97.3	65-165			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	19.5	2.00	µg/kg wet	19.95		97.7	70-140			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	21.5	2.00	µg/kg wet	20.00		107	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.52	0.800	µg/kg wet	8.064		106	70-145			
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	8.61	0.800	µg/kg wet	8.016		107	70-160			
9Cl-PF3ONS	9.11	0.800	µg/kg wet	8.096		112	70-150			
11Cl-PF3OUdS	9.12	0.800	µg/kg wet	8.024		114	45-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	7.27	1.00	µg/kg wet	10.00		72.7	45-130			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	52.5	5.00	µg/kg wet	49.94		105	60-130			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	45.9	5.00	µg/kg wet	50.57		90.7	60-150			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	4.33	0.400	µg/kg wet	4.040		107	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	4.35	0.400	µg/kg wet	4.002		109	30-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	4.34	0.400	µg/kg wet	4.039		107	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	3.54	0.400	µg/kg wet	3.955		89.4	60-155			
Surrogate: 13C4-PFBA	1.76		µg/kg wet	8.004		22.0	8-130			
Surrogate: 13C5-PFPeA	1.79		µg/kg wet	3.993		44.9	35-130			
Surrogate: 13C5-PFHxA	1.42		µg/kg wet	2.018		70.6	40-130			
Surrogate: 13C4-PFHpA	1.53		µg/kg wet	1.996		76.5	40-130			
Surrogate: 13C8-PFOA	1.64		µg/kg wet	2.026		81.0	40-130			
Surrogate: 13C9-PFNA	0.808		µg/kg wet	1.006		80.3	40-130			
Surrogate: 13C6-PFDA	0.784		µg/kg wet	1.013		77.4	40-130			
Surrogate: 13C7-PFUnA	0.793		µg/kg wet	0.9880		80.3	40-130			
Surrogate: 13C2-PFDoA	0.776		µg/kg wet	0.9884		78.5	40-130			
Surrogate: 13C2-PFTeDA	0.701		µg/kg wet	1.011		69.3	20-130			
Surrogate: 13C3-PFBS	1.54		µg/kg wet	2.000		77.1	40-135			
Surrogate: 13C3-PFHxS	1.64		µg/kg wet	1.990		82.2	40-130			
Surrogate: 13C8-PFOS	1.42		µg/kg wet	2.018		70.4	40-130			
Surrogate: 13C2-4:2FTS	2.67		µg/kg wet	4.004		66.6	40-165			
Surrogate: 13C2-6:2FTS	2.98		µg/kg wet	3.983		74.7	40-215			
Surrogate: 13C2-8:2FTS	3.48		µg/kg wet	4.004		86.9	40-275			
Surrogate: 13C8-PFOSA	1.26		µg/kg wet	2.010		62.9	40-130			
Surrogate: D3-NMeFOSA	1.32		µg/kg wet	2.010		65.6	10-130			
Surrogate: D5-NEtFOSA	1.25		µg/kg wet	2.006		62.5	10-130			
Surrogate: D3-NMeFOSAA	2.87		µg/kg wet	4.000		71.8	40-135			
Surrogate: D5-NEtFOSAA	2.72		µg/kg wet	4.024		67.6	40-150			
Surrogate: D7-NMeFOSE	13.7		µg/kg wet	20.15		68.0	20-130			
Surrogate: D9-NEtFOSE	11.7		µg/kg wet	19.93		58.8	15-130			
Surrogate: 13C3-HFPO-DA	5.14		µg/kg wet	8.068		63.7	40-130			
MRL Check (B430311-MRL1)				Prepared & Analyzed: 06/24/26						
Perfluorobutanoic acid (PFBA)	1.88	0.800	µg/kg wet	1.586		118	0-200			
Perfluoropentanoic acid (PFPeA)	0.939	0.400	µg/kg wet	0.8158		115	0-200			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430311 - EPA 1633										
MRL Check (B430311-MRL1)				Prepared & Analyzed: 06/24/26						
Perfluorohexanoic acid (PFHxA)	0.463	0.200	µg/kg wet	0.4078		113	0-200			
Perfluoroheptanoic acid (PFHpA)	0.459	0.200	µg/kg wet	0.4059		113	0-200			
Perfluorooctanoic acid (PFOA)	0.447	0.200	µg/kg wet	0.4064		110	0-200			
Perfluorononanoic acid (PFNA)	0.456	0.200	µg/kg wet	0.4000		114	0-200			
Perfluorodecanoic acid (PFDA)	0.442	0.200	µg/kg wet	0.4022		110	0-200			
Perfluoroundecanoic acid (PFUnA)	0.429	0.200	µg/kg wet	0.4032		106	0-200			
Perfluorododecanoic acid (PFDoA)	0.477	0.200	µg/kg wet	0.4040		118	0-200			
Perfluorotridecanoic acid (PFTTrDA)	0.505	0.200	µg/kg wet	0.4050		125	0-200			
Perfluorotetradecanoic acid (PFTeDA)	0.464	0.200	µg/kg wet	0.4034		115	0-200			
Perfluorobutanesulfonic acid (PFBS)	0.481	0.200	µg/kg wet	0.4040		119	0-200			
Perfluoropentanesulfonic acid (PFPeS)	0.470	0.200	µg/kg wet	0.4066		116	0-200			
Perfluorohexanesulfonic acid (PFHxS)	0.438	0.200	µg/kg wet	0.4066		108	0-200			
Perfluoroheptanesulfonic acid (PFHpS)	0.482	0.200	µg/kg wet	0.4032		120	0-200			
Perfluorooctanesulfonic acid (PFOS)	0.466	0.200	µg/kg wet	0.4000		117	0-200			
Perfluorononanesulfonic acid (PFNS)	0.432	0.200	µg/kg wet	0.4013		108	0-200			
Perfluorodecanesulfonic acid (PFDS)	0.435	0.200	µg/kg wet	0.4029		108	0-200			
Perfluorododecanesulfonic acid (PFDoS)	0.457	0.200	µg/kg wet	0.4070		112	0-200			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	1.83	0.800	µg/kg wet	1.616		114	0-200			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	1.73	0.800	µg/kg wet	1.584		109	0-200			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	2.12	0.800	µg/kg wet	1.603		132	0-200			
Perfluorooctanesulfonamide (PFOSA)	0.450	0.200	µg/kg wet	0.4002		112	0-200			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	0.423	0.200	µg/kg wet	0.4077		104	0-200			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	0.436	0.200	µg/kg wet	0.4029		108	0-200			
N-MeFOSAA (NMeFOSAA)	0.431	0.200	µg/kg wet	0.4074		106	0-200			
N-EtFOSAA (NEtFOSAA)	0.472	0.200	µg/kg wet	0.4000		118	0-200			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	4.57	2.00	µg/kg wet	3.990		114	0-200			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	4.62	2.00	µg/kg wet	4.000		116	0-200			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	1.98	0.800	µg/kg wet	1.613		123	0-200			
4,8-Dioxo-3H-perfluorononanoic acid (ADONA)	1.92	0.800	µg/kg wet	1.603		120	0-200			
9Cl-PF3ONS	2.13	0.800	µg/kg wet	1.619		132	0-200			
11Cl-PF3OUDS	2.13	0.800	µg/kg wet	1.605		133	0-200			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	1.77	1.00	µg/kg wet	2.000		88.4	0-200			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	12.5	5.00	µg/kg wet	9.987		125	0-200			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	10.4	5.00	µg/kg wet	10.11		103	0-200			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.01	0.400	µg/kg wet	0.8080		126	0-200			
Perfluoro-3-methoxypropanoic acid (PFMPA)	0.990	0.400	µg/kg wet	0.8005		124	0-200			
Perfluoro-4-methoxybutanoic acid (PFMBA)	1.01	0.400	µg/kg wet	0.8078		125	0-200			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	0.752	0.400	µg/kg wet	0.7910		95.0	0-200			
Surrogate: 13C4-PFBA	1.48		µg/kg wet	8.004		18.5	8-130			
Surrogate: 13C5-PFPeA	1.53		µg/kg wet	3.993		38.3	35-130			
Surrogate: 13C5-PFHxA	1.36		µg/kg wet	2.018		67.5	40-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430311 - EPA 1633

MRL Check (B430311-MRL1)

Prepared & Analyzed: 06/24/26

Surrogate: 13C4-PFHpA	1.61		µg/kg wet	1.996		80.7	40-130			
Surrogate: 13C8-PFOA	1.65		µg/kg wet	2.026		81.6	40-130			
Surrogate: 13C9-PFNA	0.832		µg/kg wet	1.006		82.7	40-130			
Surrogate: 13C6-PFDA	0.852		µg/kg wet	1.013		84.1	40-130			
Surrogate: 13C7-PFUnA	0.853		µg/kg wet	0.9880		86.3	40-130			
Surrogate: 13C2-PFDoA	0.754		µg/kg wet	0.9884		76.3	40-130			
Surrogate: 13C2-PFTeDA	0.731		µg/kg wet	1.011		72.3	20-130			
Surrogate: 13C3-PFBS	1.44		µg/kg wet	2.000		71.9	40-135			
Surrogate: 13C3-PFHxS	1.54		µg/kg wet	1.990		77.4	40-130			
Surrogate: 13C8-PFOS	1.44		µg/kg wet	2.018		71.5	40-130			
Surrogate: 13C2-4:2FTS	2.61		µg/kg wet	4.004		65.2	40-165			
Surrogate: 13C2-6:2FTS	3.08		µg/kg wet	3.983		77.4	40-215			
Surrogate: 13C2-8:2FTS	3.20		µg/kg wet	4.004		79.9	40-275			
Surrogate: 13C8-PFOSA	1.30		µg/kg wet	2.010		64.5	40-130			
Surrogate: D3-NMeFOSA	1.23		µg/kg wet	2.010		61.2	10-130			
Surrogate: D5-NEtFOSA	1.19		µg/kg wet	2.006		59.3	10-130			
Surrogate: D3-NMeFOSAA	2.73		µg/kg wet	4.000		68.2	40-135			
Surrogate: D5-NEtFOSAA	2.65		µg/kg wet	4.024		65.8	40-150			
Surrogate: D7-NMeFOSE	13.2		µg/kg wet	20.15		65.5	20-130			
Surrogate: D9-NEtFOSE	11.9		µg/kg wet	19.93		59.6	15-130			
Surrogate: 13C3-HFPO-DA	4.63		µg/kg wet	8.068		57.4	40-130			

Matrix Spike (B430311-MS1)

Source: 26F1604-01

Prepared & Analyzed: 06/24/26

Perfluorobutanoic acid (PFBA)	15.7	1.33	µg/kg dry	13.15	ND	119	70-140			
Perfluoropentanoic acid (PFPeA)	7.75	0.664	µg/kg dry	6.767	ND	114	60-150			
Perfluorohexanoic acid (PFHxA)	3.92	0.332	µg/kg dry	3.383	ND	116	65-140			
Perfluoroheptanoic acid (PFHpA)	3.81	0.332	µg/kg dry	3.367	ND	113	65-145			
Perfluorooctanoic acid (PFOA)	3.76	0.332	µg/kg dry	3.371	ND	112	70-150			
Perfluorononanoic acid (PFNA)	3.84	0.332	µg/kg dry	3.318	ND	116	70-155			
Perfluorodecanoic acid (PFDA)	3.65	0.332	µg/kg dry	3.336	ND	109	70-155			
Perfluoroundecanoic acid (PFUnA)	3.70	0.332	µg/kg dry	3.344	ND	111	70-155			
Perfluorododecanoic acid (PFDoA)	3.66	0.332	µg/kg dry	3.351	ND	109	70-150			
Perfluorotridecanoic acid (PFTrDA)	7.63	0.332	µg/kg dry	3.359	ND	227 *	65-150			PF-18 MS-12, PF-18
Perfluorotetradecanoic acid (PFTeDA)	3.79	0.332	µg/kg dry	3.346	ND	113	65-150			
Perfluorobutanesulfonic acid (PFBS)	3.68	0.332	µg/kg dry	3.351	ND	110	65-145			
Perfluoropentanesulfonic acid (PFPeS)	3.49	0.332	µg/kg dry	3.372	ND	104	55-160			
Perfluorohexanesulfonic acid (PFHxS)	3.46	0.332	µg/kg dry	3.372	ND	103	60-150			
Perfluoroheptanesulfonic acid (PFHpS)	3.56	0.332	µg/kg dry	3.344	ND	107	65-155			
Perfluorooctanesulfonic acid (PFOS)	3.49	0.332	µg/kg dry	3.318	ND	105	65-160			
Perfluorononanesulfonic acid (PFNS)	3.24	0.332	µg/kg dry	3.328	ND	97.2	55-140			
Perfluorodecanesulfonic acid (PFDS)	2.76	0.332	µg/kg dry	3.342	ND	82.5	40-155			
Perfluorododecanesulfonic acid (PFDoS)	2.94	0.332	µg/kg dry	3.376	ND	86.9	25-160			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	15.8	1.33	µg/kg dry	13.40	ND	118	60-150			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	15.6	1.33	µg/kg dry	13.14	ND	119	55-200			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	15.2	1.33	µg/kg dry	13.30	ND	114	70-150			
Perfluorooctanesulfonamide (PFOSA)	3.36	0.332	µg/kg dry	3.319	ND	101	70-140			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	3.98	0.332	µg/kg dry	3.381	ND	118	70-155			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	3.84	0.332	µg/kg dry	3.342	ND	115	70-140			
N-MeFOSAA (NMeFOSAA)	3.57	0.332	µg/kg dry	3.379	ND	106	65-155			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430311 - EPA 1633										
Matrix Spike (B430311-MS1)	Source: 26F1604-01			Prepared & Analyzed: 06/24/26						
N-EtFOSAA (NEtFOSAA)	3.45	0.332	µg/kg dry	3.318	ND	104	65-165			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	36.9	3.32	µg/kg dry	33.10	ND	112	70-140			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	31.7	3.32	µg/kg dry	33.18	ND	95.5	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	15.4	1.33	µg/kg dry	13.38	ND	115	70-145			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	15.6	1.33	µg/kg dry	13.30	ND	117	70-160			
9Cl-PF3ONS	15.1	1.33	µg/kg dry	13.43	ND	112	70-150			
11Cl-PF3OUdS	12.7	1.33	µg/kg dry	13.31	ND	95.2	45-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	13.4	1.66	µg/kg dry	16.59	ND	80.6	45-130			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	99.7	8.29	µg/kg dry	82.83	ND	120	60-130			
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	169	8.29	µg/kg dry	83.88	ND	201	* 60-150			MS-12
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	8.25	0.664	µg/kg dry	6.702	ND	123	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	9.05	0.664	µg/kg dry	6.639	ND	136	30-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	8.24	0.664	µg/kg dry	6.700	ND	123	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.82	0.664	µg/kg dry	6.561	ND	119	60-155			
Surrogate: 13C4-PFBA	2.52		µg/kg dry	13.28		19.0	8-130			
Surrogate: 13C5-PFPeA	2.74		µg/kg dry	6.624		41.4	35-130			
Surrogate: 13C5-PFHxA	1.75		µg/kg dry	3.347		52.4	40-130			
Surrogate: 13C4-PFHpA	1.82		µg/kg dry	3.310		55.1	40-130			
Surrogate: 13C8-PFOA	1.94		µg/kg dry	3.361		57.8	40-130			
Surrogate: 13C9-PFNA	0.919		µg/kg dry	1.668		55.1	40-130			
Surrogate: 13C6-PFDA	0.959		µg/kg dry	1.680		57.1	40-130			
Surrogate: 13C7-PFUnA	0.851		µg/kg dry	1.639		51.9	40-130			
Surrogate: 13C2-PFDoA	0.409		µg/kg dry	1.640		24.9	* 40-130			PF-18
Surrogate: 13C2-PFTeDA	0.881		µg/kg dry	1.677		52.5	20-130			
Surrogate: 13C3-PFBS	1.81		µg/kg dry	3.317		54.6	40-135			
Surrogate: 13C3-PFHxS	1.89		µg/kg dry	3.302		57.4	40-130			
Surrogate: 13C8-PFOS	1.87		µg/kg dry	3.347		55.9	40-130			
Surrogate: 13C2-4:2FTS	3.10		µg/kg dry	6.642		46.6	40-165			
Surrogate: 13C2-6:2FTS	4.48		µg/kg dry	6.607		67.8	40-215			
Surrogate: 13C2-8:2FTS	4.72		µg/kg dry	6.642		71.1	40-275			
Surrogate: 13C8-PFOA	1.43		µg/kg dry	3.335		42.7	40-130			
Surrogate: D3-NMeFOSA	1.46		µg/kg dry	3.335		43.7	10-130			
Surrogate: D5-NEtFOSA	1.15		µg/kg dry	3.328		34.4	10-130			
Surrogate: D3-NMeFOSAA	2.76		µg/kg dry	6.635		41.6	40-135			
Surrogate: D5-NEtFOSAA	2.75		µg/kg dry	6.675		41.1	40-150			
Surrogate: D7-NMeFOSE	6.89		µg/kg dry	33.42		20.6	20-130			
Surrogate: D9-NEtFOSE	9.22		µg/kg dry	33.06		27.9	15-130			
Surrogate: 13C3-HFPO-DA	7.27		µg/kg dry	13.38		54.3	40-130			
Matrix Spike Dup (B430311-MSD1)	Source: 26F1604-01			Prepared & Analyzed: 06/24/26						
Perfluorobutanoic acid (PFBA)	15.4	1.34	µg/kg dry	13.23	ND	117	70-140	1.43	25	
Perfluoropentanoic acid (PFPeA)	7.49	0.668	µg/kg dry	6.809	ND	110	60-150	3.37	25	
Perfluorohexanoic acid (PFHxA)	3.79	0.334	µg/kg dry	3.404	ND	111	65-140	3.40	25	
Perfluoroheptanoic acid (PFHpA)	3.75	0.334	µg/kg dry	3.388	ND	111	65-145	1.60	25	
Perfluorooctanoic acid (PFOA)	3.83	0.334	µg/kg dry	3.392	ND	113	70-150	1.68	25	

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430311 - EPA 1633										
Matrix Spike Dup (B430311-MSD1)	Source: 26F1604-01			Prepared & Analyzed: 06/24/26						
Perfluorononanoic acid (PFNA)	3.71	0.334	µg/kg dry	3.338	ND	111	70-155	3.40	25	
Perfluorodecanoic acid (PFDA)	3.50	0.334	µg/kg dry	3.357	ND	104	70-155	4.11	25	
Perfluoroundecanoic acid (PFUnA)	3.81	0.334	µg/kg dry	3.365	ND	113	70-155	3.07	25	
Perfluorododecanoic acid (PFDoA)	3.89	0.334	µg/kg dry	3.372	ND	115	70-150	6.12	25	PF-18
Perfluorotridecanoic acid (PFTrDA)	7.84	0.334	µg/kg dry	3.380	ND	232	* 65-150	2.75	25	MS-12, PF-18
Perfluorotetradecanoic acid (PFTeDA)	3.93	0.334	µg/kg dry	3.366	ND	117	65-150	3.68	25	
Perfluorobutanesulfonic acid (PFBS)	3.67	0.334	µg/kg dry	3.372	ND	109	65-145	0.269	25	
Perfluoropentanesulfonic acid (PFPeS)	3.61	0.334	µg/kg dry	3.393	ND	106	55-160	3.30	25	
Perfluorohexanesulfonic acid (PFHxS)	3.46	0.334	µg/kg dry	3.393	ND	102	60-150	0.0446	25	
Perfluoroheptanesulfonic acid (PFHpS)	3.87	0.334	µg/kg dry	3.365	ND	115	65-155	8.14	25	
Perfluorooctanesulfonic acid (PFOS)	3.44	0.334	µg/kg dry	3.338	ND	103	65-160	1.22	25	
Perfluorononanesulfonic acid (PFNS)	3.03	0.334	µg/kg dry	3.349	ND	90.5	55-140	6.56	25	
Perfluorodecanesulfonic acid (PFDS)	2.76	0.334	µg/kg dry	3.362	ND	82.2	40-155	0.301	25	
Perfluorododecanesulfonic acid (PFDoS)	2.96	0.334	µg/kg dry	3.397	ND	87.2	25-160	0.898	25	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	15.3	1.34	µg/kg dry	13.49	ND	114	60-150	3.05	25	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	15.9	1.34	µg/kg dry	13.22	ND	120	55-200	1.98	25	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	14.9	1.34	µg/kg dry	13.38	ND	112	70-150	1.73	25	
Perfluorooctanesulfonamide (PFOSA)	3.24	0.334	µg/kg dry	3.340	ND	96.9	70-140	3.77	25	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	3.77	0.334	µg/kg dry	3.403	ND	111	70-155	5.20	25	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	3.74	0.334	µg/kg dry	3.362	ND	111	70-140	2.68	25	
N-MeFOSAA (NMeFOSAA)	3.16	0.334	µg/kg dry	3.400	ND	93.1	65-155	12.1	25	
N-EtFOSAA (NEtFOSAA)	3.46	0.334	µg/kg dry	3.338	ND	104	65-165	0.354	25	
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	36.4	3.34	µg/kg dry	33.30	ND	109	70-140	1.47	25	
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	30.4	3.34	µg/kg dry	33.38	ND	91.0	70-135	4.18	25	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	14.9	1.34	µg/kg dry	13.46	ND	111	70-145	3.31	25	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	15.7	1.34	µg/kg dry	13.38	ND	118	70-160	0.824	25	
9Cl-PF3ONS	15.0	1.34	µg/kg dry	13.51	ND	111	70-150	0.357	25	
11Cl-PF3OUDS	12.3	1.34	µg/kg dry	13.39	ND	91.8	45-160	2.98	25	
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	14.2	1.67	µg/kg dry	16.69	ND	85.1	45-130	6.02	25	
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	98.8	8.35	µg/kg dry	83.35	ND	118	60-130	0.995	25	
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	159	8.35	µg/kg dry	84.41	ND	188	* 60-150	5.92	25	MS-12
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	8.21	0.668	µg/kg dry	6.744	ND	122	70-140	0.455	25	
Perfluoro-3-methoxypropanoic acid (PFMPA)	8.97	0.668	µg/kg dry	6.681	ND	134	30-140	0.836	25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	8.11	0.668	µg/kg dry	6.742	ND	120	60-150	1.57	25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.92	0.668	µg/kg dry	6.602	ND	120	60-155	1.34	25	
Surrogate: 13C4-PFBA	3.50		µg/kg dry	13.36		26.2	8-130			
Surrogate: 13C5-PFPeA	3.83		µg/kg dry	6.665		57.5	35-130			
Surrogate: 13C5-PFHxA	2.42		µg/kg dry	3.368		71.9	40-130			
Surrogate: 13C4-PFHpA	2.52		µg/kg dry	3.331		75.8	40-130			
Surrogate: 13C8-PFOA	2.60		µg/kg dry	3.382		76.9	40-130			
Surrogate: 13C9-PFNA	1.22		µg/kg dry	1.679		72.7	40-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430311 - EPA 1633

Matrix Spike Dup (B430311-MSD1)

Source: 26F1604-01

Prepared & Analyzed: 06/24/26

Surrogate: 13C6-PFDA	1.35		µg/kg dry	1.691		79.6	40-130			
Surrogate: 13C7-PFUnA	1.10		µg/kg dry	1.649		66.6	40-130			
Surrogate: 13C2-PFDoA	0.510		µg/kg dry	1.650		30.9 *	40-130			PF-18
Surrogate: 13C2-PFTeDA	1.13		µg/kg dry	1.688		67.0	20-130			
Surrogate: 13C3-PFBS	2.60		µg/kg dry	3.338		77.9	40-135			
Surrogate: 13C3-PFHxS	2.64		µg/kg dry	3.322		79.5	40-130			
Surrogate: 13C8-PFOS	2.50		µg/kg dry	3.368		74.1	40-130			
Surrogate: 13C2-4:2FTS	4.10		µg/kg dry	6.684		61.3	40-165			
Surrogate: 13C2-6:2FTS	6.25		µg/kg dry	6.648		94.0	40-215			
Surrogate: 13C2-8:2FTS	6.22		µg/kg dry	6.684		93.1	40-275			
Surrogate: 13C8-PFOSA	1.80		µg/kg dry	3.356		53.6	40-130			
Surrogate: D3-NMeFOSA	1.89		µg/kg dry	3.356		56.2	10-130			
Surrogate: D5-NEtFOSA	1.51		µg/kg dry	3.349		45.2	10-130			
Surrogate: D3-NMeFOSAA	3.71		µg/kg dry	6.677		55.5	40-135			
Surrogate: D5-NEtFOSAA	3.27		µg/kg dry	6.717		48.7	40-150			
Surrogate: D7-NMeFOSE	9.06		µg/kg dry	33.63		26.9	20-130			
Surrogate: D9-NEtFOSE	11.8		µg/kg dry	33.26		35.5	15-130			
Surrogate: 13C3-HFPO-DA	9.89		µg/kg dry	13.47		73.5	40-130			

Batch B430671 - EPA 1633

Blank (B430671-BLK1)

Prepared: 06/19/26 Analyzed: 06/20/26

Perfluorobutanoic acid (PFBA)	ND	6.40	ng/L
Perfluoropentanoic acid (PFPeA)	ND	3.20	ng/L
Perfluorohexanoic acid (PFHxA)	ND	1.60	ng/L
Perfluoroheptanoic acid (PFHpA)	ND	1.60	ng/L
Perfluorooctanoic acid (PFOA)	ND	1.60	ng/L
Perfluorononanoic acid (PFNA)	ND	1.60	ng/L
Perfluorodecanoic acid (PFDA)	ND	1.60	ng/L
Perfluoroundecanoic acid (PFUnA)	ND	1.60	ng/L
Perfluorododecanoic acid (PFDoA)	ND	1.60	ng/L
Perfluorotridecanoic acid (PFTTrDA)	ND	1.60	ng/L
Perfluorotetradecanoic acid (PFTeDA)	ND	1.60	ng/L
Perfluorobutanesulfonic acid (PFBS)	ND	1.60	ng/L
Perfluoropentanesulfonic acid (PFPeS)	ND	1.60	ng/L
Perfluorohexanesulfonic acid (PFHxS)	ND	1.60	ng/L
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.60	ng/L
Perfluorooctanesulfonic acid (PFOS)	ND	1.60	ng/L
Perfluorononanesulfonic acid (PFNS)	ND	1.60	ng/L
Perfluorodecanesulfonic acid (PFDS)	ND	1.60	ng/L
Perfluorododecanesulfonic acid (PFDoS)	ND	1.60	ng/L
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	ND	6.40	ng/L
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	ND	6.40	ng/L
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	ND	6.40	ng/L
Perfluorooctanesulfonamide (PFOSA)	ND	1.60	ng/L
N-methyl perfluorooctanesulfonamide (NMeFOSA)	ND	1.60	ng/L
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	ND	1.60	ng/L
N-MeFOSAA (NMeFOSAA)	ND	1.60	ng/L
N-EtFOSAA (NEtFOSAA)	ND	1.60	ng/L

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430671 - EPA 1633										
Blank (B430671-BLK1)										
Prepared: 06/19/26 Analyzed: 06/20/26										
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	ND	16.0	ng/L							
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	ND	16.0	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	6.40	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	6.40	ng/L							
9Cl-PF3ONS	ND	6.40	ng/L							
11Cl-PF3OUdS	ND	6.40	ng/L							
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	ND	8.00	ng/L							
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	ND	40.0	ng/L							
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	ND	40.0	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	ND	3.20	ng/L							
Perfluoro-3-methoxypropanoic acid (PFMPA)	ND	3.20	ng/L							
Perfluoro-4-methoxybutanoic acid (PFMBA)	ND	3.20	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.20	ng/L							
Surrogate: 13C4-PFBA	127		ng/L	160.1		79.4	5-130			
Surrogate: 13C5-PFPeA	71.1		ng/L	79.86		89.1	40-130			
Surrogate: 13C5-PFHxA	35.4		ng/L	40.35		87.8	40-130			
Surrogate: 13C4-PFHpA	34.5		ng/L	39.91		86.4	40-130			
Surrogate: 13C8-PFOA	34.8		ng/L	40.53		85.8	40-130			
Surrogate: 13C9-PFNA	18.8		ng/L	20.11		93.6	40-130			
Surrogate: 13C6-PFDA	16.1		ng/L	20.26		79.7	40-130			
Surrogate: 13C7-PFUnA	15.8		ng/L	19.76		79.9	30-130			
Surrogate: 13C2-PFDoA	14.7		ng/L	19.77		74.6	10-130			
Surrogate: 13C2-PFTeDA	14.9		ng/L	20.22		73.8	10-130			
Surrogate: 13C3-PFBS	35.4		ng/L	39.99		88.6	40-135			
Surrogate: 13C3-PFHxS	35.1		ng/L	39.81		88.1	40-130			
Surrogate: 13C8-PFOS	30.5		ng/L	40.35		75.6	40-130			
Surrogate: 13C2-4:2FTS	74.8		ng/L	80.08		93.4	40-200			
Surrogate: 13C2-6:2FTS	67.7		ng/L	79.66		85.0	40-200			
Surrogate: 13C2-8:2FTS	68.3		ng/L	80.08		85.3	40-300			
Surrogate: 13C8-PFOSA	30.0		ng/L	40.21		74.7	40-130			
Surrogate: D3-NMeFOSA	29.4		ng/L	40.21		73.1	10-130			
Surrogate: D5-NEtFOSA	28.9		ng/L	40.13		71.9	10-130			
Surrogate: D3-NMeFOSAA	62.5		ng/L	80.00		78.1	40-170			
Surrogate: D5-NEtFOSAA	58.7		ng/L	80.48		73.0	25-135			
Surrogate: D7-NMeFOSE	309		ng/L	403.0		76.6	10-130			
Surrogate: D9-NEtFOSE	275		ng/L	398.6		69.0	10-130			
Surrogate: 13C3-HFPO-DA	155		ng/L	161.4		95.8	40-130			
LCS (B430671-BS1)										
Prepared: 06/19/26 Analyzed: 06/20/26										
Perfluorobutanoic acid (PFBA)	174	6.40	ng/L	158.6		110	70-140			
Perfluoropentanoic acid (PFPeA)	90.4	3.20	ng/L	81.58		111	65-135			
Perfluorohexanoic acid (PFHxA)	45.8	1.60	ng/L	40.78		112	70-145			
Perfluoroheptanoic acid (PFHpA)	43.6	1.60	ng/L	40.59		107	70-150			
Perfluorooctanoic acid (PFOA)	45.2	1.60	ng/L	40.64		111	70-150			
Perfluorononanoic acid (PFNA)	43.8	1.60	ng/L	40.00		109	70-150			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430671 - EPA 1633										
LCS (B430671-BS1)										
Prepared: 06/19/26 Analyzed: 06/20/26										
Perfluorodecanoic acid (PFDA)	43.6	1.60	ng/L	40.22		108	70-140			
Perfluoroundecanoic acid (PFUnA)	43.7	1.60	ng/L	40.32		108	70-145			
Perfluorododecanoic acid (PFDoA)	40.0	1.60	ng/L	40.40		99.1	70-140			
Perfluorotridecanoic acid (PFTrDA)	44.4	1.60	ng/L	40.50		110	65-140			
Perfluorotetradecanoic acid (PFTeDA)	44.2	1.60	ng/L	40.34		110	60-140			
Perfluorobutanesulfonic acid (PFBS)	41.9	1.60	ng/L	40.40		104	60-145			
Perfluoropentanesulfonic acid (PFPeS)	42.9	1.60	ng/L	40.66		106	65-140			
Perfluorohexanesulfonic acid (PFHxS)	40.5	1.60	ng/L	40.66		99.6	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	48.7	1.60	ng/L	40.32		121	70-150			
Perfluorooctanesulfonic acid (PFOS)	42.8	1.60	ng/L	40.00		107	55-150			
Perfluorononanesulfonic acid (PFNS)	43.0	1.60	ng/L	40.13		107	65-145			
Perfluorodecanesulfonic acid (PFDS)	42.2	1.60	ng/L	40.29		105	60-145			
Perfluorododecanesulfonic acid (PFDoS)	40.3	1.60	ng/L	40.70		98.9	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	183	6.40	ng/L	161.6		113	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	182	6.40	ng/L	158.4		115	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	179	6.40	ng/L	160.3		112	60-150			
Perfluorooctanesulfonamide (PFOSA)	40.8	1.60	ng/L	40.02		102	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	42.4	1.60	ng/L	40.77		104	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	41.7	1.60	ng/L	40.29		103	65-145			
N-MeFOSAA (NMeFOSAA)	45.5	1.60	ng/L	40.74		112	50-140			
N-EtFOSAA (NEtFOSAA)	44.9	1.60	ng/L	40.00		112	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	428	16.0	ng/L	399.0		107	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	441	16.0	ng/L	400.0		110	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	181	6.40	ng/L	161.3		112	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	179	6.40	ng/L	160.3		112	65-145			
9Cl-PF3ONS	206	6.40	ng/L	161.9		127	70-155			
11Cl-PF3OUdS	186	6.40	ng/L	160.5		116	55-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	184	8.00	ng/L	200.0		92.0	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid (FPePA)(5:3FTCA)	1100	40.0	ng/L	998.7		110	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1030	40.0	ng/L	1011		101	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	94.1	3.20	ng/L	80.80		116	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	78.8	3.20	ng/L	80.05		98.5	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	86.9	3.20	ng/L	80.78		108	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	102	3.20	ng/L	79.10		128	50-150			
Surrogate: 13C4-PFBA	141		ng/L	160.1		87.8	5-130			
Surrogate: 13C5-PFPeA	79.6		ng/L	79.86		99.7	40-130			
Surrogate: 13C5-PFHxA	38.6		ng/L	40.35		95.7	40-130			
Surrogate: 13C4-PFHpA	38.8		ng/L	39.91		97.3	40-130			
Surrogate: 13C8-PFOA	39.2		ng/L	40.53		96.8	40-130			
Surrogate: 13C9-PFNA	19.7		ng/L	20.11		97.8	40-130			
Surrogate: 13C6-PFDA	20.2		ng/L	20.26		99.9	40-130			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430671 - EPA 1633
LCS (B430671-BS1)

Prepared: 06/19/26 Analyzed: 06/20/26

Surrogate: 13C7-PFUnA	18.4		ng/L	19.76		93.1	30-130			
Surrogate: 13C2-PFDoA	18.5		ng/L	19.77		93.4	10-130			
Surrogate: 13C2-PFTeDA	17.9		ng/L	20.22		88.6	10-130			
Surrogate: 13C3-PFBS	39.9		ng/L	39.99		99.7	40-135			
Surrogate: 13C3-PFHxS	39.8		ng/L	39.81		99.9	40-130			
Surrogate: 13C8-PFOS	33.8		ng/L	40.35		83.7	40-130			
Surrogate: 13C2-4:2FTS	75.3		ng/L	80.08		94.0	40-200			
Surrogate: 13C2-6:2FTS	72.6		ng/L	79.66		91.2	40-200			
Surrogate: 13C2-8:2FTS	74.4		ng/L	80.08		92.9	40-300			
Surrogate: 13C8-PFOA	32.8		ng/L	40.21		81.5	40-130			
Surrogate: D3-NMeFOA	30.9		ng/L	40.21		76.8	10-130			
Surrogate: D5-NEtFOA	29.9		ng/L	40.13		74.5	10-130			
Surrogate: D3-NMeFOSAA	64.4		ng/L	80.00		80.5	40-170			
Surrogate: D5-NEtFOSAA	59.5		ng/L	80.48		73.9	25-135			
Surrogate: D7-NMeFOSE	318		ng/L	403.0		78.9	10-130			
Surrogate: D9-NEtFOSE	298		ng/L	398.6		74.7	10-130			
Surrogate: 13C3-HFPO-DA	171		ng/L	161.4		106	40-130			

MRL Check (B430671-MRL1)

Prepared: 06/19/26 Analyzed: 06/20/26

Perfluorobutanoic acid (PFBA)	14.2	6.40	ng/L	12.68		112	0-200			
Perfluoropentanoic acid (PFPeA)	7.19	3.20	ng/L	6.527		110	0-200			
Perfluorohexanoic acid (PFHxA)	3.54	1.60	ng/L	3.263		109	0-200			
Perfluoroheptanoic acid (PFHpA)	3.44	1.60	ng/L	3.247		106	0-200			
Perfluorooctanoic acid (PFOA)	3.59	1.60	ng/L	3.251		110	0-200			
Perfluorononanoic acid (PFNA)	3.60	1.60	ng/L	3.200		113	0-200			
Perfluorodecanoic acid (PFDA)	3.72	1.60	ng/L	3.218		115	0-200			
Perfluoroundecanoic acid (PFUnA)	3.39	1.60	ng/L	3.226		105	0-200			
Perfluorododecanoic acid (PFDoA)	3.59	1.60	ng/L	3.232		111	0-200			
Perfluorotridecanoic acid (PFTTrDA)	3.63	1.60	ng/L	3.240		112	0-200			
Perfluorotetradecanoic acid (PFTeDA)	3.68	1.60	ng/L	3.227		114	0-200			
Perfluorobutanesulfonic acid (PFBS)	3.66	1.60	ng/L	3.232		113	0-200			
Perfluoropentanesulfonic acid (PFPeS)	3.68	1.60	ng/L	3.252		113	0-200			
Perfluorohexanesulfonic acid (PFHxS)	3.68	1.60	ng/L	3.252		113	0-200			
Perfluoroheptanesulfonic acid (PFHpS)	3.77	1.60	ng/L	3.226		117	0-200			
Perfluorooctanesulfonic acid (PFOS)	3.51	1.60	ng/L	3.200		110	0-200			
Perfluorononanesulfonic acid (PFNS)	3.38	1.60	ng/L	3.210		105	0-200			
Perfluorodecanesulfonic acid (PFDS)	3.87	1.60	ng/L	3.223		120	0-200			
Perfluorododecanesulfonic acid (PFDoS)	4.05	1.60	ng/L	3.256		124	0-200			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	14.5	6.40	ng/L	12.93		112	0-200			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	15.0	6.40	ng/L	12.67		118	0-200			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	13.1	6.40	ng/L	12.83		102	0-200			
Perfluorooctanesulfonamide (PFOSA)	3.51	1.60	ng/L	3.201		110	0-200			
N-methyl perfluorooctanesulfonamide (NMeFOA)	3.77	1.60	ng/L	3.261		116	0-200			
N-ethyl perfluorooctanesulfonamide (NEtFOA)	3.47	1.60	ng/L	3.223		108	0-200			
N-MeFOSAA (NMeFOSAA)	4.52	1.60	ng/L	3.259		139	0-200			
N-EtFOSAA (NEtFOSAA)	3.51	1.60	ng/L	3.200		110	0-200			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	36.0	16.0	ng/L	31.92		113	0-200			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	37.1	16.0	ng/L	32.00		116	0-200			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430671 - EPA 1633
MRL Check (B430671-MRL1)

Prepared: 06/19/26 Analyzed: 06/20/26

Hexafluoropropylene oxide dimer acid (HFPO-DA)	14.4	6.40	ng/L	12.90		111	0-200			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	14.1	6.40	ng/L	12.83		110	0-200			
9Cl-PF3ONS	16.4	6.40	ng/L	12.95		127	0-200			
11Cl-PF3OUdS	15.6	6.40	ng/L	12.84		122	0-200			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	16.4	8.00	ng/L	16.00		102	0-200			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	85.7	40.0	ng/L	79.90		107	0-200			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	85.8	40.0	ng/L	80.91		106	0-200			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEA)	7.66	3.20	ng/L	6.464		119	0-200			
Perfluoro-3-methoxypropanoic acid (PFMPA)	6.47	3.20	ng/L	6.404		101	0-200			
Perfluoro-4-methoxybutanoic acid (PFMBA)	7.13	3.20	ng/L	6.463		110	0-200			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	9.36	3.20	ng/L	6.328		148	0-200			
Surrogate: 13C4-PFBA	133		ng/L	160.1		83.2	5-130			
Surrogate: 13C5-PFPeA	73.7		ng/L	79.86		92.2	40-130			
Surrogate: 13C5-PFHxA	36.0		ng/L	40.35		89.3	40-130			
Surrogate: 13C4-PFHpA	35.2		ng/L	39.91		88.1	40-130			
Surrogate: 13C8-PFOA	34.7		ng/L	40.53		85.7	40-130			
Surrogate: 13C9-PFNA	19.1		ng/L	20.11		94.9	40-130			
Surrogate: 13C6-PFDA	19.0		ng/L	20.26		93.9	40-130			
Surrogate: 13C7-PFUnA	18.5		ng/L	19.76		93.8	30-130			
Surrogate: 13C2-PFDoA	18.8		ng/L	19.77		95.0	10-130			
Surrogate: 13C2-PFTeDA	18.1		ng/L	20.22		89.7	10-130			
Surrogate: 13C3-PFBS	38.3		ng/L	39.99		95.8	40-135			
Surrogate: 13C3-PFHxS	35.4		ng/L	39.81		89.0	40-130			
Surrogate: 13C8-PFOS	31.7		ng/L	40.35		78.7	40-130			
Surrogate: 13C2-4:2FTS	83.9		ng/L	80.08		105	40-200			
Surrogate: 13C2-6:2FTS	73.4		ng/L	79.66		92.1	40-200			
Surrogate: 13C2-8:2FTS	76.2		ng/L	80.08		95.1	40-300			
Surrogate: 13C8-PFOSA	31.4		ng/L	40.21		78.0	40-130			
Surrogate: D3-NMeFOSA	28.3		ng/L	40.21		70.4	10-130			
Surrogate: D5-NEtFOSA	28.7		ng/L	40.13		71.4	10-130			
Surrogate: D3-NMeFOSAA	61.4		ng/L	80.00		76.8	40-170			
Surrogate: D5-NEtFOSAA	59.9		ng/L	80.48		74.4	25-135			
Surrogate: D7-NMeFOSE	315		ng/L	403.0		78.3	10-130			
Surrogate: D9-NEtFOSE	282		ng/L	398.6		70.8	10-130			
Surrogate: 13C3-HFPO-DA	162		ng/L	161.4		101	40-130			

Matrix Spike (B430671-MS1)

Source: 26F1604-03

Prepared: 06/19/26 Analyzed: 06/20/26

Perfluorobutanoic acid (PFBA)	184	6.40	ng/L	152.1	5.60	118	70-140			
Perfluoropentanoic acid (PFPeA)	90.8	3.20	ng/L	78.24	ND	116	65-135			
Perfluorohexanoic acid (PFHxA)	44.5	1.60	ng/L	39.11	1.35	110	70-145			
Perfluoroheptanoic acid (PFHpA)	44.4	1.60	ng/L	38.93	0.797	112	70-150			
Perfluorooctanoic acid (PFOA)	47.3	1.60	ng/L	38.97	2.26	115	70-150			
Perfluorononanoic acid (PFNA)	40.4	1.60	ng/L	38.36	ND	105	70-150			
Perfluorodecanoic acid (PFDA)	42.1	1.60	ng/L	38.58	ND	109	70-140			
Perfluoroundecanoic acid (PFUnA)	41.1	1.60	ng/L	38.67	ND	106	70-145			
Perfluorododecanoic acid (PFDoA)	43.0	1.60	ng/L	38.74	ND	111	70-140			
Perfluorotridecanoic acid (PFTTrDA)	43.6	1.60	ng/L	38.84	ND	112	65-140			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430671 - EPA 1633										
Matrix Spike (B430671-MS1)	Source: 26F1604-03			Prepared: 06/19/26 Analyzed: 06/20/26						
Perfluorotetradecanoic acid (PFTeDA)	43.2	1.60	ng/L	38.68	ND	112	60-140			
Perfluorobutanesulfonic acid (PFBS)	47.1	1.60	ng/L	38.74	4.73	109	60-145			
Perfluoropentanesulfonic acid (PFPeS)	43.4	1.60	ng/L	38.99	ND	111	65-140			
Perfluorohexanesulfonic acid (PFHxS)	36.6	1.60	ng/L	38.99	1.10	91.0	65-145			
Perfluoroheptanesulfonic acid (PFHpS)	43.5	1.60	ng/L	38.67	ND	113	70-150			
Perfluorooctanesulfonic acid (PFOS)	39.1	1.60	ng/L	38.36	ND	102	55-150			
Perfluorononanesulfonic acid (PFNS)	37.4	1.60	ng/L	38.48	ND	97.2	65-145			
Perfluorodecanesulfonic acid (PFDS)	36.3	1.60	ng/L	38.64	ND	94.0	60-145			
Perfluorododecanesulfonic acid (PFDoS)	34.9	1.60	ng/L	39.04	ND	89.4	50-145			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	176	6.40	ng/L	155.0	ND	114	70-145			
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	172	6.40	ng/L	151.9	ND	113	65-155			
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	150	6.40	ng/L	153.8	ND	97.7	60-150			
Perfluorooctanesulfonamide (PFOSA)	39.2	1.60	ng/L	38.38	ND	102	70-145			
N-methyl perfluorooctanesulfonamide (NMeFOSA)	33.9	1.60	ng/L	39.10	ND	86.7	60-150			
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	34.6	1.60	ng/L	38.64	ND	89.4	65-145			
N-MeFOSAA (NMeFOSAA)	39.4	1.60	ng/L	39.07	ND	101	50-140			
N-EtFOSAA (NEtFOSAA)	40.6	1.60	ng/L	38.36	ND	106	70-145			
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	382	16.0	ng/L	382.7	ND	99.9	70-145			
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	399	16.0	ng/L	383.6	ND	104	70-135			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	175	6.40	ng/L	154.7	ND	113	70-140			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	174	6.40	ng/L	153.8	ND	113	65-145			
9Cl-PF3ONS	184	6.40	ng/L	155.3	ND	118	70-155			
11Cl-PF3OUdS	152	6.40	ng/L	153.9	ND	98.8	55-160			
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	225	8.00	ng/L	191.8	ND	117	65-130			
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1210	40.0	ng/L	957.8	ND	127	70-135			
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1070	40.0	ng/L	969.9	ND	110	50-145			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	96.3	3.20	ng/L	77.49	ND	124	70-140			
Perfluoro-3-methoxypropanoic acid (PFMPA)	91.9	3.20	ng/L	76.77	ND	120	55-140			
Perfluoro-4-methoxybutanoic acid (PFMBA)	84.0	3.20	ng/L	77.47	ND	108	60-150			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	94.3	3.20	ng/L	75.86	ND	124	50-150			
Surrogate: 13C4-PFBA	131		ng/L	153.5		85.5	5-130			
Surrogate: 13C5-PFPeA	71.8		ng/L	76.59		93.7	40-130			
Surrogate: 13C5-PFHxA	35.6		ng/L	38.70		92.1	40-130			
Surrogate: 13C4-PFHpA	36.5		ng/L	38.28		95.3	40-130			
Surrogate: 13C8-PFOA	35.2		ng/L	38.87		90.5	40-130			
Surrogate: 13C9-PFNA	19.1		ng/L	19.29		99.2	40-130			
Surrogate: 13C6-PFDA	17.7		ng/L	19.43		91.2	40-130			
Surrogate: 13C7-PFUnA	16.4		ng/L	18.95		86.8	30-130			
Surrogate: 13C2-PFDoA	14.5		ng/L	18.96		76.3	10-130			
Surrogate: 13C2-PFTeDA	14.8		ng/L	19.40		76.6	10-130			
Surrogate: 13C3-PFBS	35.1		ng/L	38.35		91.6	40-135			

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QUALITY CONTROL
Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430671 - EPA 1633
Matrix Spike (B430671-MS1)
Source: 26F1604-03

Prepared: 06/19/26 Analyzed: 06/20/26

Surrogate: 13C3-PFHxS	36.1		ng/L	38.18		94.6	40-130			
Surrogate: 13C8-PFOS	33.5		ng/L	38.70		86.5	40-130			
Surrogate: 13C2-4:2FTS	59.3		ng/L	76.80		77.2	40-200			
Surrogate: 13C2-6:2FTS	73.5		ng/L	76.39		96.2	40-200			
Surrogate: 13C2-8:2FTS	66.9		ng/L	76.80		87.1	40-300			
Surrogate: 13C8-PFOSA	30.1		ng/L	38.56		78.1	40-130			
Surrogate: D3-NMeFOSA	27.7		ng/L	38.56		71.8	10-130			
Surrogate: D5-NEtFOSA	24.9		ng/L	38.48		64.6	10-130			
Surrogate: D3-NMeFOSAA	48.6		ng/L	76.72		63.4	40-170			
Surrogate: D5-NEtFOSAA	46.2		ng/L	77.18		59.8	25-135			
Surrogate: D7-NMeFOSE	263		ng/L	386.5		68.0	10-130			
Surrogate: D9-NEtFOSE	233		ng/L	382.2		60.9	10-130			
Surrogate: 13C3-HFPO-DA	155		ng/L	154.7		100	40-130			

Matrix Spike Dup (B430671-MSD1)
Source: 26F1604-03

Prepared: 06/19/26 Analyzed: 06/20/26

Perfluorobutanoic acid (PFBA)	183	6.40	ng/L	151.5	5.60	117	70-140	0.678	25	
Perfluoropentanoic acid (PFPeA)	88.4	3.20	ng/L	77.96	ND	113	65-135	2.68	25	
Perfluorohexanoic acid (PFHxA)	44.3	1.60	ng/L	38.97	1.35	110	70-145	0.482	25	
Perfluoroheptanoic acid (PFHpA)	43.1	1.60	ng/L	38.79	0.797	109	70-150	2.90	25	
Perfluorooctanoic acid (PFOA)	44.4	1.60	ng/L	38.83	2.26	108	70-150	6.32	25	
Perfluorononanoic acid (PFNA)	43.6	1.60	ng/L	38.22	ND	114	70-150	7.70	25	
Perfluorodecanoic acid (PFDA)	42.1	1.60	ng/L	38.44	ND	110	70-140	0.00969	25	
Perfluoroundecanoic acid (PFUnA)	41.7	1.60	ng/L	38.53	ND	108	70-145	1.56	25	
Perfluorododecanoic acid (PFDoA)	38.0	1.60	ng/L	38.61	ND	98.5	70-140	12.4	25	
Perfluorotridecanoic acid (PFTTrDA)	41.0	1.60	ng/L	38.70	ND	106	65-140	6.11	25	
Perfluorotetradecanoic acid (PFTeDA)	41.8	1.60	ng/L	38.54	ND	108	60-140	3.35	25	
Perfluorobutanesulfonic acid (PFBS)	48.6	1.60	ng/L	38.61	4.73	114	60-145	3.16	25	
Perfluoropentanesulfonic acid (PFPeS)	42.8	1.60	ng/L	38.85	ND	110	65-140	1.47	25	
Perfluorohexanesulfonic acid (PFHxS)	41.0	1.60	ng/L	38.85	1.10	103	65-145	11.3	25	
Perfluoroheptanesulfonic acid (PFHpS)	44.8	1.60	ng/L	38.53	ND	116	70-150	2.94	25	
Perfluorooctanesulfonic acid (PFOS)	41.3	1.60	ng/L	38.22	ND	108	55-150	5.39	25	
Perfluorononanesulfonic acid (PFNS)	40.2	1.60	ng/L	38.35	ND	105	65-145	7.18	25	
Perfluorodecanesulfonic acid (PFDS)	37.5	1.60	ng/L	38.50	ND	97.5	60-145	3.26	25	
Perfluorododecanesulfonic acid (PFDoS)	37.5	1.60	ng/L	38.90	ND	96.4	50-145	7.24	25	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	176	6.40	ng/L	154.4	ND	114	70-145	0.209	25	
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	174	6.40	ng/L	151.3	ND	115	65-155	1.16	25	
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	172	6.40	ng/L	153.2	ND	112	60-150	13.7	25	
Perfluorooctanesulfonamide (PFOSA)	42.0	1.60	ng/L	38.24	ND	110	70-145	6.80	25	
N-methyl perfluorooctanesulfonamide (NMeFOSA)	34.2	1.60	ng/L	38.96	ND	87.7	60-150	0.772	25	
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	37.2	1.60	ng/L	38.50	ND	96.7	65-145	7.38	25	
N-MeFOSAA (NMeFOSAA)	41.9	1.60	ng/L	38.93	ND	108	50-140	6.00	25	
N-EtFOSAA (NEtFOSAA)	39.9	1.60	ng/L	38.22	ND	104	70-145	1.79	25	
N-methylperfluorooctanesulfonamidoethanol (NMeFOSE)	393	16.0	ng/L	381.3	ND	103	70-145	2.67	25	
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	395	16.0	ng/L	382.2	ND	103	70-135	1.05	25	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	169	6.40	ng/L	154.1	ND	110	70-140	3.28	25	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	179	6.40	ng/L	153.2	ND	117	65-145	2.59	25	

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430671 - EPA 1633										
Matrix Spike Dup (B430671-MSD1)		Source: 26F1604-03		Prepared: 06/19/26 Analyzed: 06/20/26						
9Cl-PF3ONS	190	6.40	ng/L	154.7	ND	123	70-155	3.22	25	
11Cl-PF3OUdS	158	6.40	ng/L	153.4	ND	103	55-160	3.88	25	
3-Perfluoropropyl propanoic acid (FPrPA) (3:3FTCA)	229	8.00	ng/L	191.1	ND	120	65-130	1.69	25	
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	1190	40.0	ng/L	954.4	ND	125	70-135	1.44	25	
3-Perfluoroheptyl propanoic acid (FHpPA) (7:3FTCA)	1220	40.0	ng/L	966.4	ND	126	50-145	13.3	25	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	93.6	3.20	ng/L	77.21	ND	121	70-140	2.94	25	
Perfluoro-3-methoxypropanoic acid (PFMPA)	94.2	3.20	ng/L	76.49	ND	123	55-140	2.44	25	
Perfluoro-4-methoxybutanoic acid (PFMBA)	83.5	3.20	ng/L	77.20	ND	108	60-150	0.619	25	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	91.7	3.20	ng/L	75.59	ND	121	50-150	2.78	25	
Surrogate: 13C4-PFBA	129		ng/L	153.0		84.3	5-130			
Surrogate: 13C5-PFPeA	70.8		ng/L	76.32		92.8	40-130			
Surrogate: 13C5-PFHxA	35.8		ng/L	38.56		92.8	40-130			
Surrogate: 13C4-PFHpA	35.7		ng/L	38.14		93.6	40-130			
Surrogate: 13C8-PFOA	36.3		ng/L	38.73		93.8	40-130			
Surrogate: 13C9-PFNA	17.1		ng/L	19.22		88.7	40-130			
Surrogate: 13C6-PFDA	17.7		ng/L	19.36		91.5	40-130			
Surrogate: 13C7-PFUnA	17.6		ng/L	18.88		93.1	30-130			
Surrogate: 13C2-PFDoA	15.8		ng/L	18.89		83.5	10-130			
Surrogate: 13C2-PFTeDA	15.6		ng/L	19.33		80.6	10-130			
Surrogate: 13C3-PFBS	35.1		ng/L	38.22		91.7	40-135			
Surrogate: 13C3-PFHxS	36.4		ng/L	38.04		95.7	40-130			
Surrogate: 13C8-PFOS	30.4		ng/L	38.56		78.9	40-130			
Surrogate: 13C2-4:2FTS	60.0		ng/L	76.52		78.4	40-200			
Surrogate: 13C2-6:2FTS	74.2		ng/L	76.12		97.5	40-200			
Surrogate: 13C2-8:2FTS	60.1		ng/L	76.52		78.5	40-300			
Surrogate: 13C8-PFOSA	27.2		ng/L	38.42		70.9	40-130			
Surrogate: D3-NMeFOSA	26.9		ng/L	38.42		70.0	10-130			
Surrogate: D5-NEtFOSA	24.5		ng/L	38.35		63.8	10-130			
Surrogate: D3-NMeFOSAA	45.5		ng/L	76.45		59.6	40-170			
Surrogate: D5-NEtFOSAA	43.2		ng/L	76.91		56.2	25-135			
Surrogate: D7-NMeFOSE	257		ng/L	385.1		66.7	10-130			
Surrogate: D9-NEtFOSE	233		ng/L	380.9		61.3	10-130			
Surrogate: 13C3-HFPO-DA	160		ng/L	154.2		104	40-130			

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QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430512 - SW-846 3510C										
Blank (B430512-BLK1)										
Prepared: 06/18/26 Analyzed: 06/19/26										
alpha-Chlordane	ND	0.020	µg/L							
alpha-Chlordane [2C]	ND	0.020	µg/L							
gamma-Chlordane	ND	0.020	µg/L							
gamma-Chlordane [2C]	ND	0.020	µg/L							
Aldrin	ND	0.020	µg/L							
Aldrin [2C]	ND	0.020	µg/L							
alpha-BHC	ND	0.020	µg/L							
alpha-BHC [2C]	ND	0.020	µg/L							
beta-BHC	ND	0.020	µg/L							
beta-BHC [2C]	ND	0.020	µg/L							
delta-BHC	ND	0.020	µg/L							
delta-BHC [2C]	ND	0.020	µg/L							
gamma-BHC (Lindane)	ND	0.020	µg/L							
gamma-BHC (Lindane) [2C]	ND	0.020	µg/L							
4,4'-DDD	ND	0.040	µg/L							
4,4'-DDD [2C]	ND	0.040	µg/L							
4,4'-DDE	ND	0.040	µg/L							
4,4'-DDE [2C]	ND	0.040	µg/L							
4,4'-DDT	ND	0.040	µg/L							
4,4'-DDT [2C]	ND	0.040	µg/L							
Dieldrin	ND	0.0020	µg/L							
Dieldrin [2C]	ND	0.0020	µg/L							
Endosulfan I	ND	0.020	µg/L							
Endosulfan I [2C]	ND	0.020	µg/L							
Endosulfan II	ND	0.020	µg/L							
Endosulfan II [2C]	ND	0.020	µg/L							
Endosulfan Sulfate	ND	0.020	µg/L							
Endosulfan Sulfate [2C]	ND	0.020	µg/L							
Endrin	ND	0.020	µg/L							
Endrin [2C]	ND	0.020	µg/L							
Endrin Aldehyde	ND	0.020	µg/L							
Endrin Aldehyde [2C]	ND	0.020	µg/L							
Endrin Ketone	ND	0.020	µg/L							
Endrin Ketone [2C]	ND	0.020	µg/L							
Heptachlor	ND	0.020	µg/L							
Heptachlor [2C]	ND	0.020	µg/L							
Heptachlor Epoxide	ND	0.020	µg/L							
Heptachlor Epoxide [2C]	ND	0.020	µg/L							
Methoxychlor	ND	0.020	µg/L							
Methoxychlor [2C]	ND	0.020	µg/L							V-05
Toxaphene	ND	0.40	µg/L							
Toxaphene [2C]	ND	0.40	µg/L							
Surrogate: Decachlorobiphenyl	<i>0.854</i>		µg/L	4.000		21.4	* 30-150			S-26
Surrogate: Decachlorobiphenyl [2C]	<i>0.896</i>		µg/L	4.000		22.4	* 30-150			S-26
Surrogate: Tetrachloro-m-xylene	<i>1.32</i>		µg/L	4.000		33.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	<i>1.38</i>		µg/L	4.000		34.5	30-150			

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QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430512 - SW-846 3510C										
LCS (B430512-BS1)				Prepared: 06/18/26 Analyzed: 06/19/26						
alpha-Chlordane	1.5	0.020	µg/L	2.000		74.4	0-200			
alpha-Chlordane [2C]	1.6	0.020	µg/L	2.000		79.5	0-200			
gamma-Chlordane	1.4	0.020	µg/L	2.000		71.2	0-200			
gamma-Chlordane [2C]	1.6	0.020	µg/L	2.000		78.4	0-200			
Aldrin	1.1	0.020	µg/L	2.000		56.0	40-140			
Aldrin [2C]	1.2	0.020	µg/L	2.000		59.8	40-140			
alpha-BHC	1.6	0.020	µg/L	2.000		78.1	40-140			
alpha-BHC [2C]	1.6	0.020	µg/L	2.000		82.0	40-140			
beta-BHC	1.6	0.020	µg/L	2.000		77.8	40-140			
beta-BHC [2C]	1.6	0.020	µg/L	2.000		78.8	40-140			
delta-BHC	1.4	0.020	µg/L	2.000		72.1	40-140			
delta-BHC [2C]	1.5	0.020	µg/L	2.000		75.2	40-140			
gamma-BHC (Lindane)	1.6	0.020	µg/L	2.000		80.1	40-140			
gamma-BHC (Lindane) [2C]	1.7	0.020	µg/L	2.000		85.1	40-140			
4,4'-DDD	1.4	0.040	µg/L	2.000		72.3	40-140			
4,4'-DDD [2C]	1.7	0.040	µg/L	2.000		84.8	40-140			
4,4'-DDE	1.5	0.040	µg/L	2.000		75.6	40-140			
4,4'-DDE [2C]	1.6	0.040	µg/L	2.000		81.6	40-140			
4,4'-DDT	1.5	0.040	µg/L	2.000		74.0	40-140			
4,4'-DDT [2C]	1.4	0.040	µg/L	2.000		68.1	40-140			
Dieldrin	1.6	0.0020	µg/L	2.000		79.4	40-140			
Dieldrin [2C]	1.7	0.0020	µg/L	2.000		87.1	40-140			
Endosulfan I	1.5	0.020	µg/L	2.000		77.0	40-140			
Endosulfan I [2C]	1.6	0.020	µg/L	2.000		81.4	40-140			
Endosulfan II	1.5	0.020	µg/L	2.000		76.5	40-140			
Endosulfan II [2C]	1.7	0.020	µg/L	2.000		86.1	40-140			
Endosulfan Sulfate	1.2	0.020	µg/L	2.000		58.2	40-140			
Endosulfan Sulfate [2C]	1.3	0.020	µg/L	2.000		67.0	40-140			
Endrin	1.8	0.020	µg/L	2.000		88.3	40-140			
Endrin [2C]	2.0	0.020	µg/L	2.000		102	40-140			
Endrin Aldehyde	1.4	0.020	µg/L	2.000		69.6	40-140			
Endrin Aldehyde [2C]	1.3	0.020	µg/L	2.000		65.9	40-140			
Endrin Ketone	1.5	0.020	µg/L	2.000		73.0	40-140			
Endrin Ketone [2C]	1.5	0.020	µg/L	2.000		73.3	40-140			
Heptachlor	1.3	0.020	µg/L	2.000		64.0	40-140			
Heptachlor [2C]	1.3	0.020	µg/L	2.000		66.6	40-140			
Heptachlor Epoxide	1.6	0.020	µg/L	2.000		78.0	40-140			
Heptachlor Epoxide [2C]	1.6	0.020	µg/L	2.000		81.3	40-140			
Methoxychlor	1.4	0.020	µg/L	2.000		72.4	40-140			
Methoxychlor [2C]	1.4	0.020	µg/L	2.000		70.6	40-140			V-05
Surrogate: Decachlorobiphenyl	2.94		µg/L	4.000		73.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	3.04		µg/L	4.000		76.0	30-150			
Surrogate: Tetrachloro-m-xylene	1.87		µg/L	4.000		46.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.96		µg/L	4.000		49.0	30-150			

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QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430512 - SW-846 3510C										
LCS Dup (B430512-BSD1)				Prepared: 06/18/26 Analyzed: 06/19/26						
alpha-Chlordane	1.4	0.020	µg/L	2.000		71.0	0-200	4.68		
alpha-Chlordane [2C]	1.5	0.020	µg/L	2.000		75.9	0-200	4.56		
gamma-Chlordane	1.4	0.020	µg/L	2.000		68.2	0-200	4.33		
gamma-Chlordane [2C]	1.5	0.020	µg/L	2.000		75.2	0-200	4.09		
Aldrin	1.1	0.020	µg/L	2.000		53.2	40-140	5.06	20	
Aldrin [2C]	1.1	0.020	µg/L	2.000		57.0	40-140	4.69	20	
alpha-BHC	1.5	0.020	µg/L	2.000		74.0	40-140	5.29	20	
alpha-BHC [2C]	1.6	0.020	µg/L	2.000		77.6	40-140	5.55	20	
beta-BHC	1.5	0.020	µg/L	2.000		73.5	40-140	5.67	20	
beta-BHC [2C]	1.5	0.020	µg/L	2.000		74.9	40-140	5.11	20	
delta-BHC	1.4	0.020	µg/L	2.000		68.5	40-140	5.03	20	
delta-BHC [2C]	1.4	0.020	µg/L	2.000		71.1	40-140	5.48	20	
gamma-BHC (Lindane)	1.5	0.020	µg/L	2.000		75.7	40-140	5.67	20	
gamma-BHC (Lindane) [2C]	1.6	0.020	µg/L	2.000		80.2	40-140	5.86	20	
4,4'-DDD	1.4	0.040	µg/L	2.000		70.0	40-140	3.26	20	
4,4'-DDD [2C]	1.6	0.040	µg/L	2.000		81.5	40-140	4.01	20	
4,4'-DDE	1.4	0.040	µg/L	2.000		72.1	40-140	4.68	20	
4,4'-DDE [2C]	1.6	0.040	µg/L	2.000		78.1	40-140	4.41	20	
4,4'-DDT	1.4	0.040	µg/L	2.000		70.4	40-140	4.91	20	
4,4'-DDT [2C]	1.3	0.040	µg/L	2.000		65.1	40-140	4.50	20	
Dieldrin	1.5	0.0020	µg/L	2.000		75.2	40-140	5.49	20	
Dieldrin [2C]	1.7	0.0020	µg/L	2.000		83.1	40-140	4.81	20	
Endosulfan I	1.5	0.020	µg/L	2.000		73.4	40-140	4.70	20	
Endosulfan I [2C]	1.6	0.020	µg/L	2.000		77.8	40-140	4.51	20	
Endosulfan II	1.5	0.020	µg/L	2.000		73.0	40-140	4.79	20	
Endosulfan II [2C]	1.7	0.020	µg/L	2.000		82.8	40-140	3.95	20	
Endosulfan Sulfate	1.1	0.020	µg/L	2.000		55.8	40-140	4.15	20	
Endosulfan Sulfate [2C]	1.3	0.020	µg/L	2.000		64.0	40-140	4.51	20	
Endrin	1.7	0.020	µg/L	2.000		84.0	40-140	5.06	20	
Endrin [2C]	1.9	0.020	µg/L	2.000		96.9	40-140	4.69	20	
Endrin Aldehyde	1.3	0.020	µg/L	2.000		65.6	40-140	5.87	20	
Endrin Aldehyde [2C]	1.3	0.020	µg/L	2.000		63.1	40-140	4.40	20	
Endrin Ketone	1.4	0.020	µg/L	2.000		68.5	40-140	6.38	20	
Endrin Ketone [2C]	1.4	0.020	µg/L	2.000		69.7	40-140	5.10	20	
Heptachlor	1.2	0.020	µg/L	2.000		60.7	40-140	5.28	20	
Heptachlor [2C]	1.3	0.020	µg/L	2.000		63.2	40-140	5.30	20	
Heptachlor Epoxide	1.5	0.020	µg/L	2.000		74.0	40-140	5.27	20	
Heptachlor Epoxide [2C]	1.6	0.020	µg/L	2.000		77.6	40-140	4.61	20	
Methoxychlor	1.4	0.020	µg/L	2.000		68.4	40-140	5.71	20	
Methoxychlor [2C]	1.3	0.020	µg/L	2.000		64.3	40-140	9.41	20	V-05
Surrogate: Decachlorobiphenyl	2.45		µg/L	4.000		61.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.55		µg/L	4.000		63.8	30-150			
Surrogate: Tetrachloro-m-xylene	1.60		µg/L	4.000		40.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.71		µg/L	4.000		42.8	30-150			

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430512 - SW-846 3510C										
Matrix Spike (B430512-MS1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/19/26						
Aldrin	1.2	0.020	µg/L	2.020	ND	60.4	30-150			
Aldrin [2C]	1.3	0.020	µg/L	2.020	ND	63.2	30-150			
alpha-BHC	1.9	0.020	µg/L	2.020	0.091	87.3	30-150			
alpha-BHC [2C]	1.9	0.020	µg/L	2.020	0.091	91.0	30-150			
beta-BHC	1.7	0.020	µg/L	2.020	0.016	83.1	30-150			
beta-BHC [2C]	1.8	0.020	µg/L	2.020	0.013	88.0	30-150			
delta-BHC	1.4	0.020	µg/L	2.020	ND	70.4	30-150			
delta-BHC [2C]	1.4	0.020	µg/L	2.020	ND	70.6	30-150			
gamma-BHC (Lindane)	1.8	0.020	µg/L	2.020	ND	89.5	30-150			
gamma-BHC (Lindane) [2C]	1.9	0.020	µg/L	2.020	ND	95.4	30-150			
4,4'-DDD	1.7	0.040	µg/L	2.020	ND	86.4	30-150			
4,4'-DDD [2C]	1.9	0.040	µg/L	2.020	ND	92.6	30-150			
4,4'-DDE	1.6	0.040	µg/L	2.020	ND	76.7	30-150			
4,4'-DDE [2C]	1.6	0.040	µg/L	2.020	ND	81.2	30-150			
4,4'-DDT	1.5	0.040	µg/L	2.020	ND	76.0	30-150			
4,4'-DDT [2C]	1.6	0.040	µg/L	2.020	ND	79.3	30-150			
Dieldrin	1.8	0.0020	µg/L	2.020	ND	90.9	30-150			
Dieldrin [2C]	2.0	0.0020	µg/L	2.020	ND	97.4	30-150			
Endosulfan I	1.8	0.020	µg/L	2.020	ND	86.7	30-150			
Endosulfan I [2C]	1.8	0.020	µg/L	2.020	ND	91.0	30-150			
Endosulfan II	1.8	0.020	µg/L	2.020	ND	90.2	30-150			
Endosulfan II [2C]	2.0	0.020	µg/L	2.020	ND	97.3	30-150			
Endosulfan Sulfate	1.2	0.020	µg/L	2.020	ND	60.9	30-150			
Endosulfan Sulfate [2C]	1.4	0.020	µg/L	2.020	ND	69.3	30-150			
Endrin	2.2	0.020	µg/L	2.020	ND	106	30-150			
Endrin [2C]	2.3	0.020	µg/L	2.020	ND	114	30-150			
Endrin Aldehyde	1.6	0.020	µg/L	2.020	ND	80.9	30-150			
Endrin Aldehyde [2C]	1.6	0.020	µg/L	2.020	ND	81.6	30-150			
Endrin Ketone	1.8	0.020	µg/L	2.020	ND	87.4	30-150			
Endrin Ketone [2C]	1.9	0.020	µg/L	2.020	ND	93.9	30-150			
Heptachlor	1.4	0.020	µg/L	2.020	ND	69.1	30-150			
Heptachlor [2C]	1.5	0.020	µg/L	2.020	ND	72.0	30-150			
Heptachlor Epoxide	1.8	0.020	µg/L	2.020	ND	87.1	30-150			
Heptachlor Epoxide [2C]	1.8	0.020	µg/L	2.020	ND	91.1	30-150			
Methoxychlor	1.8	0.020	µg/L	2.020	ND	91.2	30-150			
Methoxychlor [2C]	1.9	0.020	µg/L	2.020	ND	94.9	30-150			V-05
Surrogate: Decachlorobiphenyl	1.95		µg/L	4.040		48.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.06		µg/L	4.040		51.1	30-150			
Surrogate: Tetrachloro-m-xylene	1.96		µg/L	4.040		48.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.05		µg/L	4.040		50.7	30-150			
Matrix Spike Dup (B430512-MSD1)	Source: 26F1604-03			Prepared: 06/18/26 Analyzed: 06/19/26						
Aldrin	1.2	0.022	µg/L	2.151	ND	56.4	30-150	0.540	20	
Aldrin [2C]	1.3	0.022	µg/L	2.151	ND	59.3	30-150	0.108	20	
alpha-BHC	1.9	0.022	µg/L	2.151	0.091	86.3	30-150	4.91	20	
alpha-BHC [2C]	2.1	0.022	µg/L	2.151	0.091	91.2	30-150	6.08	20	
beta-BHC	1.8	0.022	µg/L	2.151	ND	84.9	30-150	7.52	20	
beta-BHC [2C]	1.9	0.022	µg/L	2.151	0.013	87.2	30-150	5.28	20	
delta-BHC	1.6	0.022	µg/L	2.151	ND	73.4	30-150	10.4	20	
delta-BHC [2C]	1.6	0.022	µg/L	2.151	ND	74.2	30-150	11.2	20	
gamma-BHC (Lindane)	1.9	0.022	µg/L	2.151	ND	88.5	30-150	5.05	20	
gamma-BHC (Lindane) [2C]	2.0	0.022	µg/L	2.151	ND	94.2	30-150	5.00	20	

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QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430512 - SW-846 3510C

Matrix Spike Dup (B430512-MSD1)		Source: 26F1604-03		Prepared: 06/18/26 Analyzed: 06/19/26						
4,4'-DDD	1.8	0.043	µg/L	2.151	ND	85.3	30-150	4.95	20	
4,4'-DDD [2C]	2.0	0.043	µg/L	2.151	ND	91.5	30-150	5.10	20	
4,4'-DDE	1.6	0.043	µg/L	2.151	ND	72.7	30-150	0.869	20	
4,4'-DDE [2C]	1.7	0.043	µg/L	2.151	ND	77.1	30-150	0.967	20	
4,4'-DDT	1.6	0.043	µg/L	2.151	ND	73.8	30-150	3.34	20	
4,4'-DDT [2C]	1.6	0.043	µg/L	2.151	ND	75.7	30-150	1.57	20	
Dieldrin	1.9	0.0022	µg/L	2.151	ND	88.7	30-150	3.75	20	
Dieldrin [2C]	2.0	0.0022	µg/L	2.151	ND	94.8	30-150	3.56	20	
Endosulfan I	1.8	0.022	µg/L	2.151	ND	84.6	30-150	3.75	20	
Endosulfan I [2C]	1.9	0.022	µg/L	2.151	ND	89.1	30-150	4.11	20	
Endosulfan II	1.9	0.022	µg/L	2.151	ND	89.1	30-150	5.02	20	
Endosulfan II [2C]	2.1	0.022	µg/L	2.151	ND	96.0	30-150	4.91	20	
Endosulfan Sulfate	1.4	0.022	µg/L	2.151	ND	65.5	30-150	13.5	20	
Endosulfan Sulfate [2C]	1.6	0.022	µg/L	2.151	ND	73.5	30-150	12.0	20	
Endrin	2.2	0.022	µg/L	2.151	ND	104	30-150	4.05	20	
Endrin [2C]	2.4	0.022	µg/L	2.151	ND	111	30-150	4.16	20	
Endrin Aldehyde	1.8	0.022	µg/L	2.151	ND	82.0	30-150	7.51	20	
Endrin Aldehyde [2C]	1.8	0.022	µg/L	2.151	ND	82.6	30-150	7.50	20	
Endrin Ketone	1.8	0.022	µg/L	2.151	ND	86.0	30-150	4.66	20	
Endrin Ketone [2C]	2.0	0.022	µg/L	2.151	ND	92.3	30-150	4.55	20	
Heptachlor	1.4	0.022	µg/L	2.151	ND	64.3	30-150	0.947	20	
Heptachlor [2C]	1.5	0.022	µg/L	2.151	ND	68.2	30-150	0.740	20	
Heptachlor Epoxide	1.8	0.022	µg/L	2.151	ND	84.9	30-150	3.62	20	
Heptachlor Epoxide [2C]	1.9	0.022	µg/L	2.151	ND	88.8	30-150	3.68	20	
Methoxychlor	1.9	0.022	µg/L	2.151	ND	88.7	30-150	3.53	20	
Methoxychlor [2C]	2.0	0.022	µg/L	2.151	ND	92.2	30-150	3.30	20	V-05
Surrogate: Decachlorobiphenyl	1.88		µg/L	4.301		43.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.97		µg/L	4.301		45.7	30-150			
Surrogate: Tetrachloro-m-xylene	2.10		µg/L	4.301		48.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.20		µg/L	4.301		51.1	30-150			

Batch B430887 - SW-846 3546

Blank (B430887-BLK1)		Prepared: 06/23/26 Analyzed: 06/24/26								
alpha-Chlordane	ND	0.0050	mg/Kg wet							
alpha-Chlordane [2C]	ND	0.0050	mg/Kg wet							
gamma-Chlordane	ND	0.0050	mg/Kg wet							
gamma-Chlordane [2C]	ND	0.0050	mg/Kg wet							
Aldrin	ND	0.0050	mg/Kg wet							
Aldrin [2C]	ND	0.0050	mg/Kg wet							
alpha-BHC	ND	0.0050	mg/Kg wet							
alpha-BHC [2C]	ND	0.0050	mg/Kg wet							
beta-BHC	ND	0.0050	mg/Kg wet							
beta-BHC [2C]	ND	0.0050	mg/Kg wet							
delta-BHC	ND	0.0050	mg/Kg wet							
delta-BHC [2C]	ND	0.0050	mg/Kg wet							
gamma-BHC (Lindane)	ND	0.0020	mg/Kg wet							
gamma-BHC (Lindane) [2C]	ND	0.0020	mg/Kg wet							
4,4'-DDD	ND	0.0040	mg/Kg wet							
4,4'-DDD [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDE	ND	0.0040	mg/Kg wet							
4,4'-DDE [2C]	ND	0.0040	mg/Kg wet							
4,4'-DDT	ND	0.0040	mg/Kg wet							

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QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430887 - SW-846 3546										
Blank (B430887-BLK1)										
Prepared: 06/23/26 Analyzed: 06/24/26										
4,4'-DDT [2C]	ND	0.0040	mg/Kg wet							
Dieldrin	ND	0.0040	mg/Kg wet							
Dieldrin [2C]	ND	0.0040	mg/Kg wet							
Endosulfan I	ND	0.0050	mg/Kg wet							
Endosulfan I [2C]	ND	0.0050	mg/Kg wet							
Endosulfan II	ND	0.0080	mg/Kg wet							
Endosulfan II [2C]	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate	ND	0.0080	mg/Kg wet							
Endosulfan Sulfate [2C]	ND	0.0080	mg/Kg wet							
Endrin	ND	0.0080	mg/Kg wet							
Endrin [2C]	ND	0.0080	mg/Kg wet							
Endrin Aldehyde	ND	0.0080	mg/Kg wet							
Endrin Aldehyde [2C]	ND	0.0080	mg/Kg wet							
Endrin Ketone	ND	0.0080	mg/Kg wet							
Endrin Ketone [2C]	ND	0.0080	mg/Kg wet							
Heptachlor	ND	0.0050	mg/Kg wet							
Heptachlor [2C]	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide	ND	0.0050	mg/Kg wet							
Heptachlor Epoxide [2C]	ND	0.0050	mg/Kg wet							
Methoxychlor	ND	0.050	mg/Kg wet							V-05
Methoxychlor [2C]	ND	0.050	mg/Kg wet							
Toxaphene	ND	0.10	mg/Kg wet							
Toxaphene [2C]	ND	0.10	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.156		mg/Kg wet	0.1978		78.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.166		mg/Kg wet	0.1978		84.1	30-150			
Surrogate: Tetrachloro-m-xylene	0.162		mg/Kg wet	0.1978		82.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.170		mg/Kg wet	0.1978		86.1	30-150			
LCS (B430887-BS1)										
Prepared: 06/23/26 Analyzed: 06/24/26										
alpha-Chlordane	0.094	0.0050	mg/Kg wet	0.09911		95.0	40-140			
alpha-Chlordane [2C]	0.099	0.0050	mg/Kg wet	0.09911		99.8	40-140			
gamma-Chlordane	0.094	0.0050	mg/Kg wet	0.09911		95.1	40-140			
gamma-Chlordane [2C]	0.10	0.0050	mg/Kg wet	0.09911		101	40-140			
Aldrin	0.093	0.0050	mg/Kg wet	0.09911		94.2	40-140			
Aldrin [2C]	0.10	0.0050	mg/Kg wet	0.09911		105	40-140			
alpha-BHC	0.090	0.0050	mg/Kg wet	0.09911		90.4	40-140			
alpha-BHC [2C]	0.096	0.0050	mg/Kg wet	0.09911		96.7	40-140			
beta-BHC	0.083	0.0050	mg/Kg wet	0.09911		83.3	40-140			
beta-BHC [2C]	0.094	0.0050	mg/Kg wet	0.09911		94.9	40-140			
delta-BHC	0.077	0.0050	mg/Kg wet	0.09911		77.3	40-140			
delta-BHC [2C]	0.085	0.0050	mg/Kg wet	0.09911		85.8	40-140			V-06
gamma-BHC (Lindane)	0.091	0.0020	mg/Kg wet	0.09911		91.7	40-140			
gamma-BHC (Lindane) [2C]	0.11	0.0020	mg/Kg wet	0.09911		106	40-140			
4,4'-DDD	0.10	0.0040	mg/Kg wet	0.09911		102	40-140			
4,4'-DDD [2C]	0.11	0.0040	mg/Kg wet	0.09911		111	40-140			V-06
4,4'-DDE	0.098	0.0040	mg/Kg wet	0.09911		98.5	40-140			
4,4'-DDE [2C]	0.11	0.0040	mg/Kg wet	0.09911		107	40-140			V-06
4,4'-DDT	0.092	0.0040	mg/Kg wet	0.09911		93.1	40-140			
4,4'-DDT [2C]	0.097	0.0040	mg/Kg wet	0.09911		97.6	40-140			
Dieldrin	0.097	0.0040	mg/Kg wet	0.09911		97.6	40-140			
Dieldrin [2C]	0.11	0.0040	mg/Kg wet	0.09911		106	40-140			
Endosulfan I	0.093	0.0050	mg/Kg wet	0.09911		93.9	40-140			

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QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430887 - SW-846 3546										
LCS (B430887-BS1)										
					Prepared: 06/23/26 Analyzed: 06/24/26					
Endosulfan I [2C]	0.098	0.0050	mg/Kg wet	0.09911		99.3	40-140			
Endosulfan II	0.094	0.0080	mg/Kg wet	0.09911		94.9	40-140			
Endosulfan II [2C]	0.10	0.0080	mg/Kg wet	0.09911		100	40-140			
Endosulfan Sulfate	0.092	0.0080	mg/Kg wet	0.09911		93.2	40-140			V-06
Endosulfan Sulfate [2C]	0.088	0.0080	mg/Kg wet	0.09911		88.7	40-140			
Endrin	0.097	0.0080	mg/Kg wet	0.09911		98.0	40-140			
Endrin [2C]	0.10	0.0080	mg/Kg wet	0.09911		105	40-140			
Endrin Aldehyde	0.084	0.0080	mg/Kg wet	0.09911		84.6	40-140			
Endrin Aldehyde [2C]	0.091	0.0080	mg/Kg wet	0.09911		91.4	40-140			
Endrin Ketone	0.092	0.0080	mg/Kg wet	0.09911		93.0	40-140			
Endrin Ketone [2C]	0.11	0.0080	mg/Kg wet	0.09911		106	40-140			
Heptachlor	0.091	0.0050	mg/Kg wet	0.09911		92.3	40-140			
Heptachlor [2C]	0.10	0.0050	mg/Kg wet	0.09911		105	40-140			
Heptachlor Epoxide	0.093	0.0050	mg/Kg wet	0.09911		94.0	40-140			
Heptachlor Epoxide [2C]	0.099	0.0050	mg/Kg wet	0.09911		100	40-140			
Methoxychlor	0.080	0.050	mg/Kg wet	0.09911		80.4	40-140			V-05
Methoxychlor [2C]	0.092	0.050	mg/Kg wet	0.09911		93.3	40-140			
Surrogate: Decachlorobiphenyl	0.166		mg/Kg wet	0.1982		83.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.176		mg/Kg wet	0.1982		88.9	30-150			
Surrogate: Tetrachloro-m-xylene	0.154		mg/Kg wet	0.1982		77.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.163		mg/Kg wet	0.1982		82.1	30-150			
LCS Dup (B430887-BSD1)										
					Prepared: 06/23/26 Analyzed: 06/24/26					
alpha-Chlordane	0.091	0.0050	mg/Kg wet	0.09881		92.1	40-140	3.43	30	
alpha-Chlordane [2C]	0.096	0.0050	mg/Kg wet	0.09881		96.9	40-140	3.28	30	
gamma-Chlordane	0.091	0.0050	mg/Kg wet	0.09881		92.4	40-140	3.23	30	
gamma-Chlordane [2C]	0.096	0.0050	mg/Kg wet	0.09881		97.0	40-140	4.22	30	
Aldrin	0.092	0.0050	mg/Kg wet	0.09881		92.9	40-140	1.68	30	
Aldrin [2C]	0.10	0.0050	mg/Kg wet	0.09881		102	40-140	3.88	30	
alpha-BHC	0.090	0.0050	mg/Kg wet	0.09881		91.5	40-140	0.917	30	
alpha-BHC [2C]	0.095	0.0050	mg/Kg wet	0.09881		96.6	40-140	0.422	30	
beta-BHC	0.084	0.0050	mg/Kg wet	0.09881		84.7	40-140	1.32	30	
beta-BHC [2C]	0.094	0.0050	mg/Kg wet	0.09881		95.0	40-140	0.204	30	
delta-BHC	0.073	0.0050	mg/Kg wet	0.09881		74.3	40-140	4.28	30	
delta-BHC [2C]	0.080	0.0050	mg/Kg wet	0.09881		81.3	40-140	5.68	30	V-06
gamma-BHC (Lindane)	0.092	0.0020	mg/Kg wet	0.09881		92.8	40-140	0.875	30	
gamma-BHC (Lindane) [2C]	0.10	0.0020	mg/Kg wet	0.09881		106	40-140	0.452	30	
4,4'-DDD	0.098	0.0040	mg/Kg wet	0.09881		99.1	40-140	3.43	30	
4,4'-DDD [2C]	0.10	0.0040	mg/Kg wet	0.09881		106	40-140	4.88	30	V-06
4,4'-DDE	0.094	0.0040	mg/Kg wet	0.09881		95.3	40-140	3.64	30	
4,4'-DDE [2C]	0.10	0.0040	mg/Kg wet	0.09881		102	40-140	4.45	30	V-06
4,4'-DDT	0.088	0.0040	mg/Kg wet	0.09881		89.1	40-140	4.66	30	
4,4'-DDT [2C]	0.090	0.0040	mg/Kg wet	0.09881		91.1	40-140	7.21	30	
Dieldrin	0.094	0.0040	mg/Kg wet	0.09881		95.0	40-140	2.98	30	
Dieldrin [2C]	0.10	0.0040	mg/Kg wet	0.09881		103	40-140	3.71	30	
Endosulfan I	0.090	0.0050	mg/Kg wet	0.09881		91.0	40-140	3.42	30	
Endosulfan I [2C]	0.095	0.0050	mg/Kg wet	0.09881		96.4	40-140	3.25	30	
Endosulfan II	0.091	0.0080	mg/Kg wet	0.09881		91.9	40-140	3.57	30	
Endosulfan II [2C]	0.095	0.0080	mg/Kg wet	0.09881		96.2	40-140	4.62	30	
Endosulfan Sulfate	0.086	0.0080	mg/Kg wet	0.09881		86.9	40-140	7.35	30	V-06
Endosulfan Sulfate [2C]	0.081	0.0080	mg/Kg wet	0.09881		81.5	40-140	8.74	30	
Endrin	0.095	0.0080	mg/Kg wet	0.09881		96.1	40-140	2.28	30	

QUALITY CONTROL

Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430887 - SW-846 3546										
LCS Dup (B430887-BSD1)				Prepared: 06/23/26 Analyzed: 06/24/26						
Endrin [2C]	0.10	0.0080	mg/Kg wet	0.09881		102	40-140	3.82	30	
Endrin Aldehyde	0.082	0.0080	mg/Kg wet	0.09881		83.4	40-140	1.74	30	
Endrin Aldehyde [2C]	0.089	0.0080	mg/Kg wet	0.09881		90.0	40-140	1.92	30	
Endrin Ketone	0.089	0.0080	mg/Kg wet	0.09881		90.2	40-140	3.32	30	
Endrin Ketone [2C]	0.097	0.0080	mg/Kg wet	0.09881		98.2	40-140	7.86	30	
Heptachlor	0.092	0.0050	mg/Kg wet	0.09881		92.8	40-140	0.284	30	
Heptachlor [2C]	0.10	0.0050	mg/Kg wet	0.09881		103	40-140	2.09	30	
Heptachlor Epoxide	0.091	0.0050	mg/Kg wet	0.09881		92.0	40-140	2.43	30	
Heptachlor Epoxide [2C]	0.096	0.0050	mg/Kg wet	0.09881		96.7	40-140	3.71	30	
Methoxychlor	0.075	0.050	mg/Kg wet	0.09881		76.1	40-140	5.72	30	V-05
Methoxychlor [2C]	0.087	0.050	mg/Kg wet	0.09881		88.5	40-140	5.55	30	
Surrogate: Decachlorobiphenyl	0.158		mg/Kg wet	0.1976		80.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.169		mg/Kg wet	0.1976		85.3	30-150			
Surrogate: Tetrachloro-m-xylene	0.154		mg/Kg wet	0.1976		78.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.162		mg/Kg wet	0.1976		82.1	30-150			
Batch B431025 - SW-846 3510C										
Blank (B431025-BLK1)				Prepared: 06/25/26 Analyzed: 06/26/26						
alpha-Chlordane	ND	0.020	µg/L							
alpha-Chlordane [2C]	ND	0.020	µg/L							
gamma-Chlordane	ND	0.020	µg/L							
gamma-Chlordane [2C]	ND	0.020	µg/L							
Aldrin	ND	0.020	µg/L							R-05
Aldrin [2C]	ND	0.020	µg/L							R-05
alpha-BHC	ND	0.020	µg/L							
alpha-BHC [2C]	ND	0.020	µg/L							
beta-BHC	ND	0.020	µg/L							
beta-BHC [2C]	ND	0.020	µg/L							
delta-BHC	ND	0.020	µg/L							
delta-BHC [2C]	ND	0.020	µg/L							R-05
gamma-BHC (Lindane)	ND	0.020	µg/L							
gamma-BHC (Lindane) [2C]	ND	0.020	µg/L							
4,4'-DDD	ND	0.040	µg/L							
4,4'-DDD [2C]	ND	0.040	µg/L							
4,4'-DDE	ND	0.040	µg/L							
4,4'-DDE [2C]	ND	0.040	µg/L							
4,4'-DDT	ND	0.040	µg/L							
4,4'-DDT [2C]	ND	0.040	µg/L							
Dieldrin	ND	0.0020	µg/L							
Dieldrin [2C]	ND	0.0020	µg/L							
Endosulfan I	ND	0.020	µg/L							
Endosulfan I [2C]	ND	0.020	µg/L							
Endosulfan II	ND	0.020	µg/L							
Endosulfan II [2C]	ND	0.020	µg/L							
Endosulfan Sulfate	ND	0.020	µg/L							
Endosulfan Sulfate [2C]	ND	0.020	µg/L							
Endrin	ND	0.020	µg/L							V-05
Endrin [2C]	ND	0.020	µg/L							
Endrin Aldehyde	ND	0.020	µg/L							
Endrin Aldehyde [2C]	ND	0.020	µg/L							R-05
Endrin Ketone	ND	0.020	µg/L							
Endrin Ketone [2C]	ND	0.020	µg/L							

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431025 - SW-846 3510C										
Blank (B431025-BLK1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
Heptachlor	ND	0.020	µg/L							R-05
Heptachlor [2C]	ND	0.020	µg/L							R-05
Heptachlor Epoxide	ND	0.020	µg/L							
Heptachlor Epoxide [2C]	ND	0.020	µg/L							
Methoxychlor	ND	0.020	µg/L							
Methoxychlor [2C]	ND	0.020	µg/L							V-05
Toxaphene	ND	0.40	µg/L							
Toxaphene [2C]	ND	0.40	µg/L							
Surrogate: Decachlorobiphenyl	1.41		µg/L	4.000		35.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.50		µg/L	4.000		37.4	30-150			
Surrogate: Tetrachloro-m-xylene	1.88		µg/L	4.000		47.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.96		µg/L	4.000		49.0	30-150			
LCS (B431025-BS1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
alpha-Chlordane	1.4	0.020	µg/L	2.000		67.8	0-200			
alpha-Chlordane [2C]	1.4	0.020	µg/L	2.000		71.6	0-200			
gamma-Chlordane	1.3	0.020	µg/L	2.000		66.3	0-200			
gamma-Chlordane [2C]	1.4	0.020	µg/L	2.000		70.6	0-200			
Aldrin	1.0	0.020	µg/L	2.000		52.4	40-140			R-05
Aldrin [2C]	1.2	0.020	µg/L	2.000		57.8	40-140			R-05
alpha-BHC	1.4	0.020	µg/L	2.000		71.3	40-140			
alpha-BHC [2C]	1.5	0.020	µg/L	2.000		73.9	40-140			
beta-BHC	1.3	0.020	µg/L	2.000		66.4	40-140			
beta-BHC [2C]	1.4	0.020	µg/L	2.000		71.2	40-140			
delta-BHC	1.2	0.020	µg/L	2.000		58.9	40-140			
delta-BHC [2C]	1.3	0.020	µg/L	2.000		65.8	40-140			R-05
gamma-BHC (Lindane)	1.4	0.020	µg/L	2.000		71.4	40-140			
gamma-BHC (Lindane) [2C]	1.6	0.020	µg/L	2.000		81.0	40-140			
4,4'-DDD	1.5	0.040	µg/L	2.000		74.4	40-140			
4,4'-DDD [2C]	1.6	0.040	µg/L	2.000		81.6	40-140			
4,4'-DDE	1.4	0.040	µg/L	2.000		71.0	40-140			
4,4'-DDE [2C]	1.5	0.040	µg/L	2.000		76.4	40-140			
4,4'-DDT	1.4	0.040	µg/L	2.000		69.0	40-140			
4,4'-DDT [2C]	1.4	0.040	µg/L	2.000		72.5	40-140			
Dieldrin	1.4	0.0020	µg/L	2.000		72.1	40-140			
Dieldrin [2C]	1.6	0.0020	µg/L	2.000		80.3	40-140			
Endosulfan I	1.4	0.020	µg/L	2.000		69.3	40-140			
Endosulfan I [2C]	1.5	0.020	µg/L	2.000		73.7	40-140			
Endosulfan II	1.4	0.020	µg/L	2.000		71.3	40-140			
Endosulfan II [2C]	1.5	0.020	µg/L	2.000		76.5	40-140			
Endosulfan Sulfate	1.4	0.020	µg/L	2.000		71.0	40-140			V-06
Endosulfan Sulfate [2C]	1.4	0.020	µg/L	2.000		68.3	40-140			
Endrin	1.3	0.020	µg/L	2.000		67.3	40-140			V-05
Endrin [2C]	1.5	0.020	µg/L	2.000		73.4	40-140			
Endrin Aldehyde	1.3	0.020	µg/L	2.000		63.6	40-140			
Endrin Aldehyde [2C]	1.3	0.020	µg/L	2.000		66.6	40-140			R-05
Endrin Ketone	1.5	0.020	µg/L	2.000		72.6	40-140			
Endrin Ketone [2C]	1.6	0.020	µg/L	2.000		80.2	40-140			
Heptachlor	1.1	0.020	µg/L	2.000		55.7	40-140			R-05
Heptachlor [2C]	1.2	0.020	µg/L	2.000		61.8	40-140			R-05
Heptachlor Epoxide	1.4	0.020	µg/L	2.000		69.2	40-140			
Heptachlor Epoxide [2C]	1.5	0.020	µg/L	2.000		74.0	40-140			

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QUALITY CONTROL
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431025 - SW-846 3510C										
LCS (B431025-BS1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
Methoxychlor	1.3	0.020	µg/L	2.000		66.7	40-140			
Methoxychlor [2C]	1.3	0.020	µg/L	2.000		67.5	40-140			V-05
Surrogate: Decachlorobiphenyl	2.72		µg/L	4.000		68.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.91		µg/L	4.000		72.7	30-150			
Surrogate: Tetrachloro-m-xylene	1.94		µg/L	4.000		48.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.01		µg/L	4.000		50.3	30-150			
LCS Dup (B431025-BSD1)										
Prepared: 06/25/26 Analyzed: 06/26/26										
alpha-Chlordane	1.6	0.020	µg/L	2.000		82.5	0-200	19.6		
alpha-Chlordane [2C]	1.8	0.020	µg/L	2.000		88.2	0-200	20.8		
gamma-Chlordane	1.6	0.020	µg/L	2.000		82.0	0-200	21.1		
gamma-Chlordane [2C]	1.8	0.020	µg/L	2.000		88.3	0-200	22.3		
Aldrin	1.5	0.020	µg/L	2.000		73.4	40-140	33.4	*	20 R-05
Aldrin [2C]	1.7	0.020	µg/L	2.000		82.7	40-140	35.5	*	20 R-05
alpha-BHC	1.6	0.020	µg/L	2.000		80.3	40-140	11.9		20
alpha-BHC [2C]	1.7	0.020	µg/L	2.000		87.1	40-140	16.4		20
beta-BHC	1.5	0.020	µg/L	2.000		77.3	40-140	15.1		20
beta-BHC [2C]	1.7	0.020	µg/L	2.000		86.3	40-140	19.2		20
delta-BHC	1.4	0.020	µg/L	2.000		71.3	40-140	19.0		20
delta-BHC [2C]	1.6	0.020	µg/L	2.000		81.0	40-140	20.7	*	20 R-05
gamma-BHC (Lindane)	1.7	0.020	µg/L	2.000		83.1	40-140	15.1		20
gamma-BHC (Lindane) [2C]	1.9	0.020	µg/L	2.000		96.8	40-140	17.7		20
4,4'-DDD	1.8	0.040	µg/L	2.000		89.1	40-140	18.0		20
4,4'-DDD [2C]	2.0	0.040	µg/L	2.000		98.2	40-140	18.4		20
4,4'-DDE	1.7	0.040	µg/L	2.000		85.1	40-140	18.1		20
4,4'-DDE [2C]	1.9	0.040	µg/L	2.000		92.5	40-140	19.0		20
4,4'-DDT	1.6	0.040	µg/L	2.000		79.3	40-140	13.9		20
4,4'-DDT [2C]	1.7	0.040	µg/L	2.000		83.6	40-140	14.3		20
Dieldrin	1.7	0.0020	µg/L	2.000		85.3	40-140	16.8		20
Dieldrin [2C]	1.9	0.0020	µg/L	2.000		94.3	40-140	16.1		20
Endosulfan I	1.6	0.020	µg/L	2.000		82.4	40-140	17.2		20
Endosulfan I [2C]	1.8	0.020	µg/L	2.000		88.3	40-140	18.1		20
Endosulfan II	1.7	0.020	µg/L	2.000		83.3	40-140	15.5		20
Endosulfan II [2C]	1.8	0.020	µg/L	2.000		90.1	40-140	16.2		20
Endosulfan Sulfate	1.7	0.020	µg/L	2.000		84.6	40-140	17.5		20 V-06
Endosulfan Sulfate [2C]	1.6	0.020	µg/L	2.000		81.2	40-140	17.1		20
Endrin	1.6	0.020	µg/L	2.000		77.7	40-140	14.3		20 V-05
Endrin [2C]	1.7	0.020	µg/L	2.000		85.6	40-140	15.4		20
Endrin Aldehyde	1.5	0.020	µg/L	2.000		75.3	40-140	16.9		20
Endrin Aldehyde [2C]	1.7	0.020	µg/L	2.000		84.9	40-140	24.1	*	20 R-05
Endrin Ketone	1.6	0.020	µg/L	2.000		82.4	40-140	12.7		20
Endrin Ketone [2C]	1.8	0.020	µg/L	2.000		89.3	40-140	10.7		20
Heptachlor	1.5	0.020	µg/L	2.000		73.9	40-140	28.0	*	20 R-05
Heptachlor [2C]	1.7	0.020	µg/L	2.000		84.9	40-140	31.5	*	20 R-05
Heptachlor Epoxide	1.7	0.020	µg/L	2.000		82.8	40-140	17.9		20
Heptachlor Epoxide [2C]	1.8	0.020	µg/L	2.000		89.6	40-140	19.0		20
Methoxychlor	1.4	0.020	µg/L	2.000		71.8	40-140	7.40		20
Methoxychlor [2C]	1.5	0.020	µg/L	2.000		75.9	40-140	11.8		20 V-05
Surrogate: Decachlorobiphenyl	2.65		µg/L	4.000		66.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.83		µg/L	4.000		70.7	30-150			
Surrogate: Tetrachloro-m-xylene	2.33		µg/L	4.000		58.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.48		µg/L	4.000		62.1	30-150			

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431025 - SW-846 3510C										
Matrix Spike (B431025-MS1)	Source: 26F1604-03RE1			Prepared: 06/25/26 Analyzed: 06/26/26						
Aldrin	1.3	0.020	µg/L	1.923	ND	68.2	30-150			R-05
Aldrin [2C]	1.4	0.020	µg/L	1.923	ND	74.7	30-150			R-05
alpha-BHC	1.6	0.020	µg/L	1.923	0.073	80.8	30-150			
alpha-BHC [2C]	1.7	0.020	µg/L	1.923	0.074	86.0	30-150			
beta-BHC	1.5	0.020	µg/L	1.923	0.027	77.5	30-150			
beta-BHC [2C]	1.7	0.020	µg/L	1.923	0.010	85.8	30-150			
delta-BHC	1.1	0.020	µg/L	1.923	ND	56.3	30-150			
delta-BHC [2C]	1.2	0.020	µg/L	1.923	ND	61.9	30-150			R-05
gamma-BHC (Lindane)	1.6	0.020	µg/L	1.923	ND	80.7	30-150			
gamma-BHC (Lindane) [2C]	1.8	0.020	µg/L	1.923	ND	91.7	30-150			
4,4'-DDD	1.7	0.040	µg/L	1.923	ND	86.3	30-150			
4,4'-DDD [2C]	2.0	0.040	µg/L	1.923	ND	105	30-150			
4,4'-DDE	1.6	0.040	µg/L	1.923	ND	83.3	30-150			
4,4'-DDE [2C]	1.9	0.040	µg/L	1.923	ND	100	30-150			
4,4'-DDT	1.4	0.040	µg/L	1.923	ND	74.0	30-150			
4,4'-DDT [2C]	1.7	0.040	µg/L	1.923	ND	90.0	30-150			
Dieldrin	1.6	0.0020	µg/L	1.923	ND	83.3	30-150			
Dieldrin [2C]	1.9	0.0020	µg/L	1.923	ND	101	30-150			
Endosulfan I	1.5	0.020	µg/L	1.923	ND	79.4	30-150			
Endosulfan I [2C]	1.8	0.020	µg/L	1.923	ND	93.4	30-150			
Endosulfan II	1.6	0.020	µg/L	1.923	ND	84.7	30-150			
Endosulfan II [2C]	1.9	0.020	µg/L	1.923	ND	101	30-150			
Endosulfan Sulfate	1.4	0.020	µg/L	1.923	ND	72.8	30-150			
Endosulfan Sulfate [2C]	1.3	0.020	µg/L	1.923	ND	68.7	30-150			
Endrin	1.5	0.020	µg/L	1.923	ND	77.3	30-150			V-05
Endrin [2C]	1.8	0.020	µg/L	1.923	ND	92.7	30-150			
Endrin Aldehyde	1.7	0.020	µg/L	1.923	ND	86.1	30-150			
Endrin Aldehyde [2C]	1.8	0.020	µg/L	1.923	ND	91.7	30-150			V-06, R-05
Endrin Ketone	1.7	0.020	µg/L	1.923	ND	86.8	30-150			
Endrin Ketone [2C]	1.8	0.020	µg/L	1.923	ND	95.9	30-150			
Heptachlor	1.3	0.020	µg/L	1.923	ND	69.0	30-150			R-05
Heptachlor [2C]	1.4	0.020	µg/L	1.923	ND	75.0	30-150			R-05
Heptachlor Epoxide	1.5	0.020	µg/L	1.923	ND	80.2	30-150			
Heptachlor Epoxide [2C]	1.7	0.020	µg/L	1.923	ND	90.4	30-150			
Methoxychlor	1.5	0.020	µg/L	1.923	ND	77.1	30-150			
Methoxychlor [2C]	1.6	0.020	µg/L	1.923	ND	81.1	30-150			V-05
Surrogate: Decachlorobiphenyl	2.73		µg/L	3.846		70.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.94		µg/L	3.846		76.4	30-150			
Surrogate: Tetrachloro-m-xylene	2.26		µg/L	3.846		58.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.32		µg/L	3.846		60.4	30-150			
Matrix Spike Dup (B431025-MSD1)	Source: 26F1604-03RE1			Prepared: 06/25/26 Analyzed: 06/26/26						
Aldrin	1.4	0.020	µg/L	1.905	ND	71.9	30-150	4.36	20	R-05
Aldrin [2C]	1.6	0.020	µg/L	1.905	ND	85.9	30-150	12.9	20	R-05
alpha-BHC	1.8	0.020	µg/L	1.905	0.073	90.1	30-150	9.53	20	
alpha-BHC [2C]	1.9	0.020	µg/L	1.905	0.074	94.6	30-150	8.20	20	
beta-BHC	1.6	0.020	µg/L	1.905	0.027	81.3	30-150	3.72	20	
beta-BHC [2C]	1.7	0.020	µg/L	1.905	0.010	89.1	30-150	2.84	20	
delta-BHC	1.2	0.020	µg/L	1.905	ND	60.5	30-150	6.20	20	
delta-BHC [2C]	1.3	0.020	µg/L	1.905	ND	69.0	30-150	9.94	20	R-05
gamma-BHC (Lindane)	1.7	0.020	µg/L	1.905	ND	88.2	30-150	7.96	20	
gamma-BHC (Lindane) [2C]	1.9	0.020	µg/L	1.905	ND	98.8	30-150	6.46	20	

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QUALITY CONTROL
Organochloride Pesticides by GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431025 - SW-846 3510C										
Matrix Spike Dup (B431025-MSD1)	Source: 26F1604-03RE1			Prepared: 06/25/26 Analyzed: 06/26/26						
4,4'-DDD	1.7	0.040	µg/L	1.905	ND	89.6	30-150	2.80	20	
4,4'-DDD [2C]	2.1	0.040	µg/L	1.905	ND	109	30-150	2.75	20	
4,4'-DDE	1.6	0.040	µg/L	1.905	ND	86.4	30-150	2.71	20	
4,4'-DDE [2C]	2.0	0.040	µg/L	1.905	ND	106	30-150	4.64	20	
4,4'-DDT	1.4	0.040	µg/L	1.905	ND	74.7	30-150	0.0306	20	
4,4'-DDT [2C]	1.7	0.040	µg/L	1.905	ND	86.9	30-150	4.48	20	
Dieldrin	1.7	0.0020	µg/L	1.905	ND	87.3	30-150	3.67	20	
Dieldrin [2C]	2.1	0.0020	µg/L	1.905	ND	109	30-150	6.31	20	
Endosulfan I	1.6	0.020	µg/L	1.905	ND	84.0	30-150	4.68	20	
Endosulfan I [2C]	2.0	0.020	µg/L	1.905	ND	103	30-150	8.67	20	
Endosulfan II	1.6	0.020	µg/L	1.905	ND	86.2	30-150	0.848	20	
Endosulfan II [2C]	1.9	0.020	µg/L	1.905	ND	102	30-150	0.337	20	
Endosulfan Sulfate	1.6	0.020	µg/L	1.905	ND	83.8	30-150	13.1	20	
Endosulfan Sulfate [2C]	1.4	0.020	µg/L	1.905	ND	74.7	30-150	7.41	20	
Endrin	1.5	0.020	µg/L	1.905	ND	78.4	30-150	0.438	20	V-05
Endrin [2C]	1.8	0.020	µg/L	1.905	ND	94.5	30-150	1.05	20	
Endrin Aldehyde	1.8	0.020	µg/L	1.905	ND	92.3	30-150	6.00	20	
Endrin Aldehyde [2C]	1.9	0.020	µg/L	1.905	ND	99.6	30-150	7.32	20	R-05, V-06
Endrin Ketone	1.7	0.020	µg/L	1.905	ND	87.3	30-150	0.392	20	
Endrin Ketone [2C]	1.9	0.020	µg/L	1.905	ND	99.1	30-150	2.31	20	
Heptachlor	1.4	0.020	µg/L	1.905	ND	74.0	30-150	6.06	20	R-05
Heptachlor [2C]	1.6	0.020	µg/L	1.905	ND	85.8	30-150	12.5	20	R-05
Heptachlor Epoxide	1.6	0.020	µg/L	1.905	ND	84.9	30-150	4.65	20	
Heptachlor Epoxide [2C]	2.0	0.020	µg/L	1.905	ND	105	30-150	14.1	20	
Methoxychlor	1.4	0.020	µg/L	1.905	ND	72.0	30-150	7.80	20	
Methoxychlor [2C]	1.4	0.020	µg/L	1.905	ND	74.9	30-150	8.95	20	V-05
Surrogate: Decachlorobiphenyl	2.63		µg/L	3.810		69.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.82		µg/L	3.810		74.0	30-150			
Surrogate: Tetrachloro-m-xylene	2.42		µg/L	3.810		63.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.52		µg/L	3.810		66.2	30-150			

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QUALITY CONTROL
Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430513 - SW-846 3510C
Blank (B430513-BLK1)

Prepared: 06/18/26 Analyzed: 06/19/26

Aroclor-1016	ND	0.20	µg/L							
Aroclor-1016 [2C]	ND	0.20	µg/L							
Aroclor-1221	ND	0.20	µg/L							
Aroclor-1221 [2C]	ND	0.20	µg/L							
Aroclor-1232	ND	0.20	µg/L							
Aroclor-1232 [2C]	ND	0.20	µg/L							
Aroclor-1242	ND	0.20	µg/L							
Aroclor-1242 [2C]	ND	0.20	µg/L							
Aroclor-1248	ND	0.20	µg/L							
Aroclor-1248 [2C]	ND	0.20	µg/L							
Aroclor-1254	ND	0.20	µg/L							
Aroclor-1254 [2C]	ND	0.20	µg/L							
Aroclor-1260	ND	0.20	µg/L							
Aroclor-1260 [2C]	ND	0.20	µg/L							
Aroclor-1262	ND	0.20	µg/L							
Aroclor-1262 [2C]	ND	0.20	µg/L							
Aroclor-1268	ND	0.20	µg/L							
Aroclor-1268 [2C]	ND	0.20	µg/L							
Surrogate: Decachlorobiphenyl	1.48		µg/L	4.000		37.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.17		µg/L	4.000		29.2 *	30-150			S-26
Surrogate: Tetrachloro-m-xylene	2.21		µg/L	4.000		55.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	1.69		µg/L	4.000		42.1	30-150			

LCS (B430513-BS1)

Prepared: 06/18/26 Analyzed: 06/19/26

Aroclor-1016	0.82	0.20	µg/L	1.000		82.1	40-140			
Aroclor-1016 [2C]	0.89	0.20	µg/L	1.000		89.5	40-140			
Aroclor-1260	1.1	0.20	µg/L	1.000		106	40-140			
Aroclor-1260 [2C]	0.95	0.20	µg/L	1.000		95.1	40-140			
Surrogate: Decachlorobiphenyl	2.76		µg/L	4.000		68.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.36		µg/L	4.000		59.0	30-150			
Surrogate: Tetrachloro-m-xylene	2.38		µg/L	4.000		59.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.02		µg/L	4.000		50.5	30-150			

LCS Dup (B430513-BSD1)

Prepared: 06/18/26 Analyzed: 06/19/26

Aroclor-1016	0.90	0.20	µg/L	1.000		89.6	40-140	8.72	20	
Aroclor-1016 [2C]	0.94	0.20	µg/L	1.000		94.2	40-140	5.14	20	
Aroclor-1260	1.2	0.20	µg/L	1.000		118	40-140	10.9	20	
Aroclor-1260 [2C]	1.0	0.20	µg/L	1.000		103	40-140	8.34	20	
Surrogate: Decachlorobiphenyl	3.47		µg/L	4.000		86.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	3.84		µg/L	4.000		95.9	30-150			
Surrogate: Tetrachloro-m-xylene	2.61		µg/L	4.000		65.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.23		µg/L	4.000		55.8	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430513 - SW-846 3510C

Matrix Spike (B430513-MS1)		Source: 26F1604-03		Prepared: 06/18/26 Analyzed: 06/19/26						
Aroclor-1016	0.89	0.20	µg/L	0.9709	ND	91.7	40-140			
Aroclor-1016 [2C]	0.97	0.20	µg/L	0.9709	ND	99.7	40-140			
Aroclor-1260	0.99	0.20	µg/L	0.9709	ND	102	40-140			
Aroclor-1260 [2C]	0.91	0.20	µg/L	0.9709	ND	93.3	40-140			
Surrogate: Decachlorobiphenyl	2.98		µg/L	3.883		76.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	2.75		µg/L	3.883		70.8	30-150			
Surrogate: Tetrachloro-m-xylene	2.51		µg/L	3.883		64.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.24		µg/L	3.883		57.6	30-150			

Matrix Spike Dup (B430513-MSD1)		Source: 26F1604-03		Prepared: 06/18/26 Analyzed: 06/19/26						
Aroclor-1016	0.88	0.19	µg/L	0.9346	ND	94.0	40-140	1.41	20	
Aroclor-1016 [2C]	0.93	0.19	µg/L	0.9346	ND	99.4	40-140	4.08	20	
Aroclor-1260	0.95	0.19	µg/L	0.9346	ND	102	40-140	3.71	20	
Aroclor-1260 [2C]	0.89	0.19	µg/L	0.9346	ND	94.8	40-140	2.25	20	
Surrogate: Decachlorobiphenyl	2.01		µg/L	3.738		53.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	1.58		µg/L	3.738		42.3	30-150			
Surrogate: Tetrachloro-m-xylene	2.53		µg/L	3.738		67.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	2.34		µg/L	3.738		62.5	30-150			

Batch B430886 - SW-846 3546

Blank (B430886-BLK1)		Prepared: 06/23/26 Analyzed: 06/24/26								
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.180		mg/Kg wet	0.1978		91.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.188		mg/Kg wet	0.1978		95.2	30-150			
Surrogate: Tetrachloro-m-xylene	0.161		mg/Kg wet	0.1978		81.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.163		mg/Kg wet	0.1978		82.4	30-150			

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430886 - SW-846 3546										
LCS (B430886-BS1)										
Prepared: 06/23/26 Analyzed: 06/24/26										
Aroclor-1016	0.14	0.020	mg/Kg wet	0.1970		73.0	40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.1970		76.3	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.1970		83.6	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.1970		86.8	40-140			
Surrogate: Decachlorobiphenyl	0.181		mg/Kg wet	0.1970		92.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.189		mg/Kg wet	0.1970		95.7	30-150			
Surrogate: Tetrachloro-m-xylene	0.162		mg/Kg wet	0.1970		82.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.166		mg/Kg wet	0.1970		84.2	30-150			
LCS Dup (B430886-BSD1)										
Prepared: 06/23/26 Analyzed: 06/24/26										
Aroclor-1016	0.14	0.020	mg/Kg wet	0.1974		71.5	40-140	2.10	30	
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.1974		75.7	40-140	0.717	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.1974		84.1	40-140	0.515	30	
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.1974		87.8	40-140	1.24	30	
Surrogate: Decachlorobiphenyl	0.184		mg/Kg wet	0.1974		93.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.192		mg/Kg wet	0.1974		97.5	30-150			
Surrogate: Tetrachloro-m-xylene	0.159		mg/Kg wet	0.1974		80.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.166		mg/Kg wet	0.1974		84.1	30-150			
Matrix Spike (B430886-MS2)										
Source: 26F1604-01RE1 Prepared: 06/23/26 Analyzed: 06/24/26										
Aroclor-1016	0.53	0.27	mg/Kg dry	0.6681	ND	79.6	40-140			R-06
Aroclor-1016 [2C]	0.49	0.27	mg/Kg dry	0.6681	ND	73.8	40-140			R-06
Aroclor-1260	0.43	0.27	mg/Kg dry	0.6681	ND	64.9	40-140			
Aroclor-1260 [2C]	0.46	0.27	mg/Kg dry	0.6681	ND	69.0	40-140			
Surrogate: Decachlorobiphenyl	0.371		mg/Kg dry	0.6681		55.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.366		mg/Kg dry	0.6681		54.8	30-150			
Surrogate: Tetrachloro-m-xylene	0.472		mg/Kg dry	0.6681		70.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.461		mg/Kg dry	0.6681		68.9	30-150			
Matrix Spike Dup (B430886-MSD2)										
Source: 26F1604-01RE1 Prepared: 06/23/26 Analyzed: 06/24/26										
Aroclor-1016	1.3	0.27	mg/Kg dry	0.6648	ND	193	* 40-140	83.2	* 30	MS-23
Aroclor-1016 [2C]	1.7	0.27	mg/Kg dry	0.6648	ND	258	* 40-140	111	* 30	MS-23
Aroclor-1260	0.50	0.27	mg/Kg dry	0.6648	ND	75.0	40-140	14.4	30	
Aroclor-1260 [2C]	0.61	0.27	mg/Kg dry	0.6648	ND	92.3	40-140	28.9	30	
Surrogate: Decachlorobiphenyl	0.405		mg/Kg dry	0.6648		61.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.403		mg/Kg dry	0.6648		60.6	30-150			
Surrogate: Tetrachloro-m-xylene	0.487		mg/Kg dry	0.6648		73.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.482		mg/Kg dry	0.6648		72.4	30-150			

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QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B430483 - SM 2320B-2011											
Blank (B430483-BLK1)				Prepared & Analyzed: 06/19/26							
Alkalinity to pH 4.2	ND	1.0	mg/L								
LCS (B430483-BS1)				Prepared & Analyzed: 06/19/26							
Alkalinity to pH 4.5	90	1.0	mg/L	90.40		99.1	89-113				
LCS Dup (B430483-BSD1)				Prepared & Analyzed: 06/19/26							
Alkalinity to pH 4.5	90	1.0	mg/L	90.40		99.6	89-113	0.501	5.75		
MRL Check (B430483-MRL1)				Prepared & Analyzed: 06/19/26							
Alkalinity to pH 4.2	0.900	1.0	mg/L	1.000		90.0	50-150	J			
Matrix Spike (B430483-MS2)				Source: 26F1604-03		Prepared & Analyzed: 06/19/26					
Alkalinity to pH 4.5	770	1.0	mg/L	50.00	720	101	62-150				
Matrix Spike Dup (B430483-MSD2)				Source: 26F1604-03		Prepared & Analyzed: 06/19/26					
Alkalinity to pH 4.5	780	1.0	mg/L	50.00	720	104	62-150	0.232	6.91		
Batch B430507 - SM 2540B-2020											
Blank (B430507-BLK1)				Prepared & Analyzed: 06/18/26							
Total Solids	ND	25	mg/L								
LCS (B430507-BS1)				Prepared & Analyzed: 06/18/26							
Total Solids	116	25	mg/L	120.0		96.7	67.3-131.7				
Batch B430545 - % Solids											
Duplicate (B430545-DUP1)				Source: 26F1604-01		Prepared & Analyzed: 06/18/26					
% Solids	28.5		% Wt		29.8			4.47	10		
Duplicate (B430545-DUP2)				Source: 26F1604-02		Prepared & Analyzed: 06/18/26					
% Solids	15.6		% Wt		17.4			10.7	*	10	R-02
Batch B430643 - SM21-24 4500 NH3 C Modified											
Blank (B430643-BLK1)				Prepared & Analyzed: 06/19/26							
Ammonia as N	ND	0.30	mg/Kg wet								
LCS (B430643-BS1)				Prepared & Analyzed: 06/19/26							
Ammonia as N	5.0	0.30	mg/Kg wet	5.005		101	81.9-116				

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QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430643 - SM21-24 4500 NH3 C Modified										
LCS Dup (B430643-BSD1)				Prepared & Analyzed: 06/19/26						
Ammonia as N	5.0	0.30	mg/Kg wet	5.005		101	81.9-116	0.00	10.1	
Matrix Spike (B430643-MS1)				Source: 26F1604-01		Prepared & Analyzed: 06/19/26				
Ammonia as N	720	78	mg/Kg dry	517.7	190	103	38.7-169			
Matrix Spike Dup (B430643-MSD1)				Source: 26F1604-01		Prepared & Analyzed: 06/19/26				
Ammonia as N	800	83	mg/Kg dry	552.3	190	111	38.7-169	10.9	20	
Batch B430645 - SM 4500-NH3 C-2021										
Blank (B430645-BLK1)				Prepared & Analyzed: 06/19/26						
Ammonia as N	ND	0.30	mg/L							
LCS (B430645-BS1)				Prepared & Analyzed: 06/19/26						
Ammonia as N	5.0	0.30	mg/L	5.005		101	85.4-111			
LCS Dup (B430645-BSD1)				Prepared & Analyzed: 06/19/26						
Ammonia as N	5.0	0.30	mg/L	5.005		101	85.4-111	0.00	11.8	
MRL Check (B430645-MRL1)				Prepared & Analyzed: 06/19/26						
Ammonia as N	0.378	0.30	mg/L	0.3000		126	50-150			
Matrix Spike (B430645-MS1)				Source: 26F1604-03		Prepared & Analyzed: 06/19/26				
Ammonia as N	6.3	0.30	mg/L	2.000	4.3	101	58.5-147			
Matrix Spike Dup (B430645-MSD1)				Source: 26F1604-03		Prepared & Analyzed: 06/19/26				
Ammonia as N	6.6	0.30	mg/L	2.000	4.3	113	58.5-147	3.92	20	
Batch B430666 - NO PREP TOC										
Blank (B430666-BLK1)				Prepared: 06/19/26 Analyzed: 06/27/26						
TOC Rep 1	ND	100	mg/Kg dry							
TOC Rep 2	ND	100	mg/Kg dry							
TOC Rep 3	ND	100	mg/Kg dry							
TOC Rep 4	ND	100	mg/Kg dry							
Total Organic Carbon (Average)	ND	100	mg/Kg dry							
LCS (B430666-BS1)				Prepared: 06/19/26 Analyzed: 06/27/26						
TOC Rep 1	9800	100	mg/Kg dry	10000		98.0	90-110			
TOC Rep 2	9730	100	mg/Kg dry	10000		97.3	90-110			
TOC Rep 3	9930	100	mg/Kg dry	10000		99.3	90-110			
TOC Rep 4	10200	100	mg/Kg dry	10000		102	90-110			
Total Organic Carbon (Average)	9920	100	mg/Kg dry	10000		99.2	90-110			

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QUALITY CONTROL
Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430666 - NO PREP TOC										
LCS Dup (B430666-BSD1)										
Prepared: 06/19/26 Analyzed: 06/27/26										
TOC Rep 1	9720	100	mg/Kg dry	10000		97.2	90-110	0.820	20	
TOC Rep 2	9520	100	mg/Kg dry	10000		95.2	90-110	2.18	20	
TOC Rep 3	9660	100	mg/Kg dry	10000		96.6	90-110	2.76	20	
TOC Rep 4	9760	100	mg/Kg dry	10000		97.6	90-110	4.41	20	
Total Organic Carbon (Average)	9660	100	mg/Kg dry	10000		96.6	90-110	2.55	20	
Duplicate (B430666-DUP1)										
Source: 26F1604-01 Prepared: 06/19/26 Analyzed: 06/27/26										
TOC Rep 1	138000	100	mg/Kg dry		135000			1.87	29.8	
TOC Rep 2	143000	100	mg/Kg dry		138000			3.73	29.8	
TOC Rep 3	135000	100	mg/Kg dry		135000			0.185	29.8	
TOC Rep 4	139000	100	mg/Kg dry		139000			0.130	29.8	
Total Organic Carbon (Average)	139000	100	mg/Kg dry		137000			1.33	29.8	
Matrix Spike (B430666-MS1)										
Source: 26F1604-01 Prepared: 06/19/26 Analyzed: 06/27/26										
TOC Rep 1	156000	100	mg/Kg dry	10000	135000	208	* 85-115			MS-19
TOC Rep 2	147000	100	mg/Kg dry	10000	138000	90.4	85-115			
TOC Rep 3	172000	100	mg/Kg dry	10000	135000	366	* 85-115			MS-19
TOC Rep 4	151000	100	mg/Kg dry	10000	139000	117	* 85-115			MS-19
Total Organic Carbon (Average)	156000	100	mg/Kg dry	10000	137000	196	* 85-115			MS-19
Matrix Spike Dup (B430666-MSD1)										
Source: 26F1604-01 Prepared: 06/19/26 Analyzed: 06/27/26										
TOC Rep 1	158000	100	mg/Kg dry	10000	135000	228	* 85-115	1.22	20	MS-19
TOC Rep 2	155000	100	mg/Kg dry	10000	138000	176	* 85-115	5.67	20	MS-19
TOC Rep 3	156000	100	mg/Kg dry	10000	135000	207	* 85-115	9.69	20	MS-19
TOC Rep 4	158000	100	mg/Kg dry	10000	139000	193	* 85-115	4.88	20	MS-19
Total Organic Carbon (Average)	157000	100	mg/Kg dry	10000	137000	201	* 85-115	0.335	20	MS-19
Batch B430937 - EPA 410.4, Rev.2.0 (1993)										
Blank (B430937-BLK1)										
Prepared & Analyzed: 06/25/26										
Chemical Oxygen Demand	ND	15	mg/L							
LCS (B430937-BS1)										
Prepared & Analyzed: 06/25/26										
Chemical Oxygen Demand	210	15	mg/L	200.0		107	90-110			
LCS Dup (B430937-BSD1)										
Prepared & Analyzed: 06/25/26										
Chemical Oxygen Demand	210	15	mg/L	200.0		107	90-110	0.00	5.17	
MRL Check (B430937-MRL1)										
Prepared & Analyzed: 06/25/26										
Chemical Oxygen Demand	16.1	15	mg/L	15.00		107	50-150			
Matrix Spike (B430937-MS2)										
Source: 26F1604-03 Prepared & Analyzed: 06/25/26										
Chemical Oxygen Demand	180	15	mg/L	100.0	110	75.3	* 90-110	MS-07A		

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QUALITY CONTROL
Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B430937 - EPA 410.4, Rev.2.0 (1993)										
Matrix Spike Dup (B430937-MSD2)	Source: 26F1604-03			Prepared & Analyzed: 06/25/26						
Chemical Oxygen Demand	180	15	mg/L	100.0	110	72.5	* 90-110	1.53	20	MS-07A
Batch B430963 - EPA 410.4 Modified										
Blank (B430963-BLK1)				Prepared & Analyzed: 06/25/26						
Chemical Oxygen Demand	ND	1500	mg/Kg wet							
LCS (B430963-BS1)				Prepared & Analyzed: 06/25/26						
Chemical Oxygen Demand	21000	1500	mg/Kg wet	20000		104	90-110			
LCS Dup (B430963-BSD1)				Prepared & Analyzed: 06/25/26						
Chemical Oxygen Demand	21000	1500	mg/Kg wet	20000		106	90-110	1.33	5.17	
MRL Check (B430963-MRL1)				Prepared & Analyzed: 06/25/26						
Chemical Oxygen Demand	1610	1500	mg/Kg wet	1500		107	50-150			
Matrix Spike (B430963-MS1)	Source: 26F1604-01			Prepared & Analyzed: 06/25/26						
Chemical Oxygen Demand	100000	4500	mg/Kg dry	30170	120000	-50.2	* 90-110	MS-07A		
Matrix Spike Dup (B430963-MSD1)	Source: 26F1604-01			Prepared: 06/24/26 Analyzed: 06/25/26						
Chemical Oxygen Demand	72000	4500	mg/Kg dry	30170	120000	-153	* 90-110	35.5	* 20	MS-07A
Batch B431102 - SM 5310C-2014										
Blank (B431102-BLK1)				Prepared & Analyzed: 06/26/26						
Total Organic Carbon	ND	0.50	mg/L							
LCS (B431102-BS1)				Prepared & Analyzed: 06/26/26						
Total Organic Carbon	9.54	0.50	mg/L	10.00		95.4	82.7-110			
LCS Dup (B431102-BSD1)				Prepared & Analyzed: 06/26/26						
Total Organic Carbon	9.54	0.50	mg/L	10.00		95.4	82.7-110	0.00	15	
MRL Check (B431102-MRL1)				Prepared & Analyzed: 06/26/26						
Total Organic Carbon	0.552	0.50	mg/L	0.5000		110	50-150			
Matrix Spike (B431102-MS1)	Source: 26F1604-03			Prepared & Analyzed: 06/26/26						
Total Organic Carbon	16.3	0.53	mg/L	5.952	9.80	110	85-115			
Matrix Spike Dup (B431102-MSD1)	Source: 26F1604-03			Prepared & Analyzed: 06/26/26						
Total Organic Carbon	17.7	0.53	mg/L	5.952	9.80	133	* 85-115	8.21	15	MS-11

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QUALITY CONTROL
Conventional Chemistry Parameters by EPA/PHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B431106 - EPA 300.0										
Blank (B431106-BLK1)				Prepared & Analyzed: 06/26/26						
Chloride	ND	1.0	mg/L							
Sulfate	ND	1.0	mg/L							
LCS (B431106-BS1)				Prepared & Analyzed: 06/26/26						
Chloride	51	1.0	mg/L	50.00		102	90-110			
Sulfate	51	1.0	mg/L	50.00		103	90-110			
LCS Dup (B431106-BSD1)				Prepared & Analyzed: 06/26/26						
Chloride	50	1.0	mg/L	50.00		99.6	90-110	2.68	20	
Sulfate	50	1.0	mg/L	50.00		100	90-110	2.48	20	
Matrix Spike (B431106-MS1)				Source: 26F1604-03		Prepared & Analyzed: 06/26/26				
Chloride	400	2.0	mg/L	100.0	320	75.5	* 80-120			
Sulfate	100	2.0	mg/L	100.0	3.7	95.8	80-120			
Matrix Spike Dup (B431106-MSD1)				Source: 26F1604-03		Prepared & Analyzed: 06/26/26				
Chloride	400	2.0	mg/L	100.0	320	74.0	* 80-120	0.371	20	
Sulfate	100	2.0	mg/L	100.0	3.7	97.3	80-120	1.48	20	
Batch B431211 - EPA 300.0										
Blank (B431211-BLK1)				Prepared: 06/26/26 Analyzed: 06/27/26						
Chloride	ND	1.0	mg/L							
Sulfate	ND	1.0	mg/L							
LCS (B431211-BS1)				Prepared: 06/26/26 Analyzed: 06/27/26						
Chloride	51	1.0	mg/L	50.00		101	90-110			
Sulfate	52	1.0	mg/L	50.00		104	90-110			
LCS Dup (B431211-BSD1)				Prepared: 06/26/26 Analyzed: 06/27/26						
Chloride	51	1.0	mg/L	50.00		101	90-110	0.398	20	
Sulfate	52	1.0	mg/L	50.00		104	90-110	0.191	20	
MRL Check (B431211-MRL1)				Prepared: 06/26/26 Analyzed: 06/27/26						
Chloride	1.08	1.0	mg/L	1.000		108	0-200			
Sulfate	1.14	1.0	mg/L	1.000		114	0-200			
Matrix Spike (B431211-MS1)				Source: 26F1604-03RE1		Prepared: 06/26/26 Analyzed: 06/27/26				
Chloride	840	10	mg/L	500.0	310	106	80-120			
Sulfate	520	10	mg/L	500.0	ND	104	80-120			
Matrix Spike Dup (B431211-MSD1)				Source: 26F1604-03RE1		Prepared: 06/26/26 Analyzed: 06/27/26				
Chloride	830	10	mg/L	500.0	310	103	80-120	1.97	20	
Sulfate	530	10	mg/L	500.0	ND	106	80-120	1.78	20	



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QUALITY CONTROL**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Dissolved) - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch B430561 - SM 2540C-2020**Blank (B430561-BLK1)**

Prepared & Analyzed: 06/23/26

Total Dissolved Solids	ND	25	mg/L
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LCS (B430561-BS1)

Prepared & Analyzed: 06/23/26

Total Dissolved Solids	60	25	mg/L	90.00	66.7	58.2-116.7
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Duplicate (B430561-DUP1)**Source: 26F1604-03**

Prepared & Analyzed: 06/23/26

Total Dissolved Solids	1200	25	mg/L	1200	1.57	10
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QUALITY CONTROL

Anions by Ion Chromatography - Westborough Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch WG2231845 - NONE										
Blank (WG2231845-1)				Prepared & Analyzed: 06/22/26						
Bromide	ND	0.050	mg/l				-			
LCS (WG2231845-2)				Prepared & Analyzed: 06/22/26						
Bromide	0.747	.05	mg/l	.8		93	90-110			
Matrix Spike (WG2231845-3)				Prepared & Analyzed: 06/22/26						
Source: MW-02										
Bromide	0.533	.05	mg/l	.4	.206	82	* 90-110			Q
Matrix Spike Dup (WG2231845-4)				Prepared & Analyzed: 06/22/26						
Source: MW-02										
Bromide	0.537	.05	mg/l	.4	.206	82	* 90-110	1	20	Q

QUALITY CONTROL

General Chemistry - Westborough Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch WG2231596 - NONE										
Blank (WG2231596-1)				Prepared & Analyzed: 06/22/26						
Sulfate	24	100	mg/kg				-			J
LCS (WG2231596-2)				Prepared & Analyzed: 06/22/26						
Sulfate	220	100	mg/kg	199		111	80-121			
Duplicate (WG2231596-3)				Prepared & Analyzed: 06/22/26						
Sulfate	52	340	mg/kg		70		-	NC	12	J
Matrix Spike (WG2231596-4)				Prepared & Analyzed: 06/22/26						
Sulfate	790	340	mg/kg	657	70	120	22-183			
Batch WG2231601 - NONE										
Blank (WG2231601-1)				Prepared & Analyzed: 06/22/26						
Chloride	6.1	20	mg/kg				-			J
LCS (WG2231601-2)				Prepared & Analyzed: 06/22/26						
Chloride	410	20	mg/kg	399		102	89-109			
Duplicate (WG2231601-3)				Prepared & Analyzed: 06/22/26						
Chloride	2300	66	mg/kg		2300		-	0	35	
Matrix Spike (WG2231601-4)				Prepared & Analyzed: 06/22/26						
Chloride	3200	670	mg/kg	1330	2300	68	62-129			



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QUALITY CONTROL

Total Hardness by SM 2340B - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch WG2231632 - EPA 3005A

Blank (WG2231632-1)

Prepared & Analyzed: 06/22/26

Hardness	ND	0.660	mg/l				-			
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LCS (WG2231632-2)

Prepared & Analyzed: 06/22/26

Hardness	70.2	.66	mg/l	66.2		106	80-120			
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Matrix Spike (WG2231632-3)

Source: MW-02

Prepared & Analyzed: 06/22/26

Hardness	788.	.66	mg/l	66.2	709	119	75-125			
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Matrix Spike Dup (WG2231632-4)

Source: MW-02

Prepared & Analyzed: 06/22/26

Hardness	787.	.66	mg/l	66.2	709	118	75-125	0	20	
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QUALITY CONTROL

Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch WG2231094 - EPA 3050B

Blank (WG2231094-1)

Prepared & Analyzed: 06/21/26

Aluminum, Total	ND	4.00	mg/kg				-			
Antimony, Total	ND	2.00	mg/kg				-			
Arsenic, Total	ND	0.400	mg/kg				-			
Barium, Total	ND	0.400	mg/kg				-			
Beryllium, Total	ND	0.200	mg/kg				-			
Cadmium, Total	ND	0.400	mg/kg				-			
Calcium, Total	ND	4.00	mg/kg				-			
Chromium, Total	ND	0.400	mg/kg				-			
Cobalt, Total	ND	0.800	mg/kg				-			
Copper, Total	ND	0.400	mg/kg				-			
Iron, Total	ND	10.0	mg/kg				-			
Lead, Total	ND	2.00	mg/kg				-			
Magnesium, Total	ND	4.00	mg/kg				-			
Manganese, Total	ND	0.400	mg/kg				-			
Nickel, Total	ND	1.00	mg/kg				-			
Potassium, Total	ND	100	mg/kg				-			
Selenium, Total	ND	0.800	mg/kg				-			
Silver, Total	ND	0.200	mg/kg				-			
Sodium, Total	ND	80.0	mg/kg				-			
Thallium, Total	ND	0.800	mg/kg				-			
Vanadium, Total	ND	0.400	mg/kg				-			
Zinc, Total	ND	2.00	mg/kg				-			

LCS (WG2231094-2)

Prepared & Analyzed: 06/21/26

Aluminum, Total	164	2.6	mg/kg	160		102	80-120			
Antimony, Total	42.9	3.08	mg/kg	40		107	80-120			
Arsenic, Total	9.69	.346	mg/kg	9.6		101	80-120			
Barium, Total	169	.0848	mg/kg	160		106	80-120			
Beryllium, Total	4.12	.044	mg/kg	4		103	80-120			
Cadmium, Total	4.51	.044	mg/kg	4.24		106	80-120			
Calcium, Total	863	4.54	mg/kg	800		108	80-120			
Chromium, Total	16.6	.678	mg/kg	16		104	80-120			
Cobalt, Total	41.4	.198	mg/kg	40		104	80-120			
Copper, Total	20.9	.182	mg/kg	20		104	80-120			
Iron, Total	84.8	6.4	mg/kg	80		106	80-120			
Lead, Total	44.8	.19	mg/kg	42.4		106	80-120			
Magnesium, Total	832	1.3	mg/kg	800		104	80-120			
Manganese, Total	41.8	.429	mg/kg	40		104	80-120			
Nickel, Total	42.0	.646	mg/kg	40		105	80-120			
Potassium, Total	876	40.6	mg/kg	800		110	80-120			
Selenium, Total	9.85	.263	mg/kg	9.6		103	80-120			
Silver, Total	4.10	.238	mg/kg	4		102	80-120			
Sodium, Total	881	84.8	mg/kg	800		110	80-120			
Thallium, Total	9.88	.722	mg/kg	9.6		103	80-120			
Vanadium, Total	42.7	.121	mg/kg	40		107	80-120			
Zinc, Total	40.4	.485	mg/kg	40		101	80-120			

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QUALITY CONTROL

Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch WG2231094 - EPA 3050B

Matrix Spike (WG2231094-5)		Source: SED-1		Prepared & Analyzed: 06/21/26						
Aluminum, Total	3750	25.8	mg/kg	515	3680	14	*	75-125		Q
Antimony, Total	109	12.9	mg/kg	129	0	84		75-125		
Arsenic, Total	41.6	2.58	mg/kg	30.9	11.1	99		75-125		
Barium, Total	1120	2.58	mg/kg	515	571	106		75-125		
Beryllium, Total	13.4	1.29	mg/kg	12.9	.25	104		75-125		
Cadmium, Total	16.8	2.58	mg/kg	13.6	3.98	94		75-125		
Calcium, Total	100000	25.8	mg/kg	2580	86300	532	*	75-125		Q
Chromium, Total	63.3	2.58	mg/kg	51.5	12.9	98		75-125		
Cobalt, Total	130	5.15	mg/kg	129	3.38	101		75-125		
Copper, Total	102	2.58	mg/kg	64.4	39.4	97		75-125		
Iron, Total	72700	64.4	mg/kg	258	77100	0	*	75-125		Q
Lead, Total	260	12.9	mg/kg	136	142	86		75-125		
Magnesium, Total	9970	25.8	mg/kg	2580	8270	66	*	75-125		Q
Manganese, Total	445	2.58	mg/kg	129	320	97		75-125		
Nickel, Total	142	6.44	mg/kg	129	16.5	97		75-125		
Potassium, Total	3500	644	mg/kg	2580	767	106		75-125		
Selenium, Total	33.9	5.15	mg/kg	30.9	0	110		75-125		
Silver, Total	12.0	1.29	mg/kg	12.9	0	93		75-125		
Sodium, Total	5070	515	mg/kg	2580	2210	111		75-125		
Thallium, Total	31.6	5.15	mg/kg	30.9	0	102		75-125		
Vanadium, Total	144	2.58	mg/kg	129	9.54	104		75-125		
Zinc, Total	305	12.9	mg/kg	129	216	69	*	75-125		Q

Matrix Spike Dup (WG2231094-6)	Source: SED-1			Prepared & Analyzed: 06/21/26							
Aluminum, Total	3800	25.3	mg/kg	507	3680	24	*	75-125	1	20	Q
Antimony, Total	104	12.7	mg/kg	127	0	82		75-125	5	20	
Arsenic, Total	39.6	2.53	mg/kg	30.4	11.1	94		75-125	5	20	
Barium, Total	1070	2.53	mg/kg	507	571	98		75-125	5	20	
Beryllium, Total	12.9	1.27	mg/kg	12.7	.25	102		75-125	4	20	
Cadmium, Total	16.8	2.53	mg/kg	13.4	3.98	95		75-125	0	20	
Calcium, Total	89000	25.3	mg/kg	2530	86300	106		75-125	12	20	
Chromium, Total	62.5	2.53	mg/kg	50.7	12.9	98		75-125	1	20	
Cobalt, Total	126	5.07	mg/kg	127	3.38	99		75-125	3	20	
Copper, Total	100	2.53	mg/kg	63.4	39.4	96		75-125	2	20	
Iron, Total	70000	63.4	mg/kg	253	77100	0	*	75-125	4	20	Q
Lead, Total	255	12.7	mg/kg	134	142	84		75-125	2	20	
Magnesium, Total	9670	25.3	mg/kg	2530	8270	55	*	75-125	3	20	Q
Manganese, Total	418	2.53	mg/kg	127	320	77		75-125	6	20	
Nickel, Total	138	6.34	mg/kg	127	16.5	96		75-125	3	20	
Potassium, Total	3380	634	mg/kg	2530	767	103		75-125	3	20	
Selenium, Total	32.7	5.07	mg/kg	30.4	0	108		75-125	4	20	
Silver, Total	11.5	1.27	mg/kg	12.7	0	91		75-125	4	20	
Sodium, Total	4920	507	mg/kg	2530	2210	107		75-125	3	20	
Thallium, Total	30.3	5.07	mg/kg	30.4	0	100		75-125	4	20	
Vanadium, Total	140	2.53	mg/kg	127	9.54	103		75-125	3	20	
Zinc, Total	304	12.7	mg/kg	127	216	69	*	75-125	0	20	Q

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QUALITY CONTROL
Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch WG2231097 - EPA 7471B
Blank (WG2231097-1)

Prepared: 06/21/26 Analyzed: 06/22/26

Mercury, Total	ND	0.083	mg/kg				-			
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LCS (WG2231097-2)

Prepared: 06/21/26 Analyzed: 06/22/26

Mercury, Total	1.66	.0833	mg/kg	1.67		100	80-120			
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Matrix Spike (WG2231097-5)
Source: SED-1

Prepared: 06/21/26 Analyzed: 06/22/26

Mercury, Total	5.77	.278	mg/kg	5.56	.325	98	80-120			
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Matrix Spike Dup (WG2231097-6)
Source: SED-1

Prepared: 06/21/26 Analyzed: 06/22/26

Mercury, Total	5.31	.258	mg/kg	5.16	.325	96	80-120	8	20	
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Batch WG2231632 - EPA 3005A
Blank (WG2231632-1)

Prepared & Analyzed: 06/22/26

Aluminum, Total	ND	0.100	mg/l				-			
Antimony, Total	ND	0.0500	mg/l				-			
Arsenic, Total	ND	0.0050	mg/l				-			
Barium, Total	ND	0.0100	mg/l				-			
Beryllium, Total	ND	0.0050	mg/l				-			
Cadmium, Total	ND	0.0050	mg/l				-			
Calcium, Total	ND	0.100	mg/l				-			
Chromium, Total	ND	0.0100	mg/l				-			
Cobalt, Total	ND	0.0200	mg/l				-			
Copper, Total	ND	0.0100	mg/l				-			
Iron, Total	ND	0.0500	mg/l				-			
Lead, Total	ND	0.0100	mg/l				-			
Magnesium, Total	ND	0.100	mg/l				-			
Manganese, Total	ND	0.0100	mg/l				-			
Nickel, Total	ND	0.0250	mg/l				-			
Potassium, Total	ND	2.50	mg/l				-			
Selenium, Total	ND	0.0100	mg/l				-			
Silver, Total	ND	0.0070	mg/l				-			
Sodium, Total	ND	2.00	mg/l				-			
Thallium, Total	0.0039	0.0200	mg/l				-			J
Vanadium, Total	ND	0.0100	mg/l				-			
Zinc, Total	ND	0.0500	mg/l				-			

LCS (WG2231632-2)

Prepared & Analyzed: 06/22/26

Aluminum, Total	2.03	.1	mg/l	2		102	80-120			
Antimony, Total	0.488	.05	mg/l	.5		98	80-120			
Arsenic, Total	0.122	.005	mg/l	.12		102	80-120			
Barium, Total	2.07	.01	mg/l	2		104	80-120			
Beryllium, Total	0.0520	.005	mg/l	.05		104	80-120			
Cadmium, Total	0.0530	.005	mg/l	.053		100	80-120			
Calcium, Total	10.6	.1	mg/l	10		106	80-120			
Chromium, Total	0.196	.01	mg/l	.2		98	80-120			
Cobalt, Total	0.490	.02	mg/l	.5		98	80-120			
Copper, Total	0.264	.01	mg/l	.25		106	80-120			
Iron, Total	1.04	.05	mg/l	1		104	80-120			
Lead, Total	0.523	.01	mg/l	.53		99	80-120			
Magnesium, Total	10.6	.1	mg/l	10		106	80-120			
Manganese, Total	0.521	.01	mg/l	.5		104	80-120			
Nickel, Total	0.495	.025	mg/l	.5		99	80-120			
Potassium, Total	10.2	2.5	mg/l	10		102	80-120			

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QUALITY CONTROL
Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch WG2231632 - EPA 3005A
LCS (WG2231632-2)

Prepared & Analyzed: 06/22/26

Selenium, Total	0.122	.01	mg/l	.12		102	80-120			
Silver, Total	0.0501	.007	mg/l	.05		100	80-120			
Sodium, Total	10.3	2	mg/l	10		103	80-120			
Thallium, Total	0.125	.02	mg/l	.12		104	80-120			
Vanadium, Total	0.502	.01	mg/l	.5		100	80-120			
Zinc, Total	0.492	.05	mg/l	.5		98	80-120			

Matrix Spike (WG2231632-3)
Source: MW-02

Prepared & Analyzed: 06/22/26

Aluminum, Total	5.55	.1	mg/l	2	3.25	115	75-125			
Antimony, Total	0.446	.05	mg/l	.5	0	89	75-125			
Arsenic, Total	0.129	.005	mg/l	.12	.00667	102	75-125			
Barium, Total	2.83	.01	mg/l	2	.759	104	75-125			
Beryllium, Total	0.0522	.005	mg/l	.05	0	104	75-125			
Cadmium, Total	0.0504	.005	mg/l	.053	0	95	75-125			
Calcium, Total	233.	.1	mg/l	10	219	140 *	75-125			Q
Chromium, Total	0.209	.01	mg/l	.2	.0132	98	75-125			
Cobalt, Total	0.490	.02	mg/l	.5	.0042	98	75-125			
Copper, Total	0.347	.01	mg/l	.25	.0669	112	75-125			
Iron, Total	38.4	.05	mg/l	1	36.7	170 *	75-125			Q
Lead, Total	0.614	.01	mg/l	.53	.0875	99	75-125			
Magnesium, Total	50.1	.1	mg/l	10	39.2	109	75-125			
Manganese, Total	1.27	.01	mg/l	.5	.736	107	75-125			
Nickel, Total	0.510	.025	mg/l	.5	.0192	102	75-125			
Potassium, Total	18.2	2.5	mg/l	10	7.47	107	75-125			
Selenium, Total	0.118	.01	mg/l	.12	0	98	75-125			
Silver, Total	0.0530	.007	mg/l	.05	0	106	75-125			
Sodium, Total	217.	2	mg/l	10	203	140 *	75-125			Q
Thallium, Total	0.126	.02	mg/l	.12	.00593	105	75-125			
Vanadium, Total	0.515	.01	mg/l	.5	.00807	103	75-125			
Zinc, Total	0.667	.05	mg/l	.5	.187	96	75-125			

Matrix Spike Dup (WG2231632-4)
Source: MW-02

Prepared & Analyzed: 06/22/26

Aluminum, Total	5.42	.1	mg/l	2	3.25	108	75-125	2	20	
Antimony, Total	0.442	.05	mg/l	.5	0	88	75-125	1	20	
Arsenic, Total	0.130	.005	mg/l	.12	.00667	103	75-125	1	20	
Barium, Total	2.80	.01	mg/l	2	.759	102	75-125	1	20	
Beryllium, Total	0.0514	.005	mg/l	.05	0	103	75-125	2	20	
Cadmium, Total	0.0497	.005	mg/l	.053	0	94	75-125	1	20	
Calcium, Total	233.	.1	mg/l	10	219	140 *	75-125	0	20	Q
Chromium, Total	0.204	.01	mg/l	.2	.0132	95	75-125	2	20	
Cobalt, Total	0.483	.02	mg/l	.5	.0042	97	75-125	1	20	
Copper, Total	0.343	.01	mg/l	.25	.0669	110	75-125	1	20	
Iron, Total	38.2	.05	mg/l	1	36.7	150 *	75-125	1	20	Q
Lead, Total	0.616	.01	mg/l	.53	.0875	100	75-125	0	20	
Magnesium, Total	49.9	.1	mg/l	10	39.2	107	75-125	0	20	
Manganese, Total	1.26	.01	mg/l	.5	.736	105	75-125	1	20	
Nickel, Total	0.502	.025	mg/l	.5	.0192	100	75-125	2	20	
Potassium, Total	18.4	2.5	mg/l	10	7.47	109	75-125	1	20	
Selenium, Total	0.121	.01	mg/l	.12	0	101	75-125	3	20	
Silver, Total	0.0525	.007	mg/l	.05	0	105	75-125	1	20	
Sodium, Total	217.	2	mg/l	10	203	140 *	75-125	0	20	Q
Thallium, Total	0.128	.02	mg/l	.12	.00593	107	75-125	2	20	
Vanadium, Total	0.509	.01	mg/l	.5	.00807	102	75-125	1	20	

QUALITY CONTROL
Total Metals - Mansfield Lab - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch WG2231632 - EPA 3005A
Matrix Spike Dup (WG2231632-4)
Source: MW-02

Prepared & Analyzed: 06/22/26

Zinc, Total	0.657	.05	mg/l	.5	.187	94	75-125	2	20	
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Batch WG2231635 - EPA 7470A
Blank (WG2231635-1)

Prepared & Analyzed: 06/22/26

Mercury, Total	ND	0.00020	mg/l				-			
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LCS (WG2231635-2)

Prepared & Analyzed: 06/22/26

Mercury, Total	0.00097	.0002	mg/l	.001		97	80-120			
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Matrix Spike (WG2231635-5)
Source: MW-02

Prepared & Analyzed: 06/22/26

Mercury, Total	0.00477	.0002	mg/l	.005	0	95	75-125			
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Matrix Spike Dup (WG2231635-6)
Source: MW-02

Prepared & Analyzed: 06/22/26

Mercury, Total	0.00475	.0002	mg/l	.005	0	95	75-125	0	20	
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BREAKDOWN REPORT

Lab Sample ID: S136458-PEM1 Analyzed: 06/24/2026

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	0.99
Endrin [1]	3.42

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	2.11
Endrin [2]	3.78

BREAKDOWN REPORT

Lab Sample ID: S136481-PEM1 Analyzed: 06/24/2026

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	3.51
Endrin [1]	12.76

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	3.08
Endrin [2]	12.80

BREAKDOWN REPORT

Lab Sample ID: S136714-PEM1 Analyzed: 06/26/2026

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	2.12
Endrin [1]	5.87

BREAKDOWN REPORT

Lab Sample ID: S136714-PEM1 Analyzed: 06/26/2026

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	1.84
Endrin [2]	5.45

BREAKDOWN REPORT

Lab Sample ID: S136780-PEM1 Analyzed: 06/19/2026

Column Number: 1

Analyte	% Breakdown
4,4'-DDT [1]	2.49
Endrin [1]	8.76

Column Number: 2

Analyte	% Breakdown
4,4'-DDT [2]	3.42
Endrin [2]	8.32

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

MW-02

Lab Sample ID: 26F1604-03 Date(s) Analyzed: 06/19/2026 06/19/2026

Instrument ID (1): ECD 8 Instrument ID (2): ECD 8

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
alpha-BHC	1	3.474	3.444	3.504	0.091	
	2	3.468	3.439	3.499	0.091	0.0
beta-BHC	1	3.808	3.778	3.838	0.016	
	2	3.825	3.795	3.855	0.013	20.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B
MW-02

Lab Sample ID: 26F1604-03RE1 Date(s) Analyzed: 06/26/2026 06/26/2026
 Instrument ID (1): ECD6 Instrument ID (2): ECD6
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
alpha-BHC	1	3.451	3.421	3.481	0.073	
	2	3.375	3.344	3.404	0.074	1.4
beta-BHC	1	3.779	3.751	3.811	0.027	
	2	3.727	3.697	3.757	0.010	91.9

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

DUP

Lab Sample ID: 26F1604-04 Date(s) Analyzed: 06/19/2026 06/19/2026
 Instrument ID (1): ECD 8 Instrument ID (2): ECD 8
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
alpha-BHC	1	3.474	3.444	3.504	0.084	
	2	3.469	3.439	3.499	0.085	1.2
beta-BHC	1	3.802	3.778	3.838	0.061	
	2	3.826	3.795	3.855	0.013	130.0

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

DUP

Lab Sample ID: 26F1604-04RE1 Date(s) Analyzed: 06/26/2026 06/26/2026
Instrument ID (1): ECD6 Instrument ID (2): ECD6
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
alpha-BHC	1	3.451	3.421	3.481	0.076	
	2	3.375	3.344	3.404	0.074	2.7

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B430512-BS1 Date(s) Analyzed: 06/19/2026 06/19/2026
Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.653	5.624	5.684	1.4	
	2	5.739	5.710	5.770	1.7	12.5
4,4'-DDE	1	5.158	5.128	5.188	1.5	
	2	5.263	5.234	5.294	1.6	6.5
4,4'-DDT	1	5.883	5.853	5.913	1.5	
	2	5.987	5.958	6.018	1.4	6.9
Aldrin	1	4.384	4.354	4.414	1.1	
	2	4.383	4.353	4.413	1.2	8.7
alpha-BHC	1	3.475	3.444	3.504	1.6	
	2	3.469	3.439	3.499	1.6	0.0
alpha-Chlordane	1	5.099	5.069	5.129	1.5	
	2	5.125	5.095	5.155	1.6	6.5
beta-BHC	1	3.808	3.778	3.838	1.6	
	2	3.826	3.795	3.855	1.6	0.0
delta-BHC	1	3.958	3.927	3.987	1.4	
	2	4.066	4.035	4.095	1.5	6.9
Dieldrin	1	5.413	5.383	5.443	1.6	
	2	5.396	5.366	5.426	1.7	6.1
Endosulfan I	1	5.215	5.185	5.245	1.5	
	2	5.171	5.141	5.201	1.6	6.5
Endosulfan II	1	5.793	5.762	5.822	1.5	
	2	5.821	5.791	5.851	1.7	12.5
Endosulfan Sulfate	1	6.416	6.386	6.446	1.2	
	2	6.272	6.242	6.302	1.3	8.0
Endrin	1	5.607	5.577	5.637	1.8	
	2	5.647	5.616	5.676	2.0	10.5
Endrin Aldehyde	1	6.115	6.086	6.146	1.4	
	2	6.078	6.049	6.109	1.3	7.4
Endrin Ketone	1	6.596	6.566	6.626	1.5	
	2	6.613	6.584	6.644	1.5	0.0
gamma-BHC (Lindane)	1	3.739	3.709	3.769	1.6	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B430512-BS1 Date(s) Analyzed: 06/19/2026 06/19/2026

Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	3.759	3.729	3.789	1.7	6.1
gamma-Chlordane	1	4.989	4.959	5.019	1.4	
	2	5.004	4.974	5.034	1.6	13.3
Heptachlor	1	4.134	4.103	4.163	1.3	
	2	4.119	4.088	4.148	1.3	0.0
Heptachlor Epoxide	1	4.888	4.857	4.917	1.6	
	2	4.850	4.820	4.880	1.6	0.0
Methoxychlor	1	6.234	6.205	6.265	1.4	
	2	6.457	6.428	6.488	1.4	6.9

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B430512-BSD1 Date(s) Analyzed: 06/19/2026 06/19/2026

Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.654	5.624	5.684	1.4	
	2	5.739	5.710	5.770	1.6	13.3
4,4'-DDE	1	5.158	5.128	5.188	1.4	
	2	5.263	5.234	5.294	1.6	13.3
4,4'-DDT	1	5.883	5.853	5.913	1.4	
	2	5.988	5.958	6.018	1.3	7.4
Aldrin	1	4.384	4.354	4.414	1.1	
	2	4.383	4.353	4.413	1.1	0.0
alpha-BHC	1	3.475	3.444	3.504	1.5	
	2	3.469	3.439	3.499	1.6	6.5
alpha-Chlordane	1	5.099	5.069	5.129	1.4	
	2	5.125	5.095	5.155	1.5	6.9
beta-BHC	1	3.808	3.778	3.838	1.5	
	2	3.826	3.795	3.855	1.5	0.0
delta-BHC	1	3.957	3.927	3.987	1.4	
	2	4.065	4.035	4.095	1.4	0.0
Dieldrin	1	5.413	5.383	5.443	1.5	
	2	5.396	5.366	5.426	1.7	12.5
Endosulfan I	1	5.215	5.185	5.245	1.5	
	2	5.171	5.141	5.201	1.6	6.5
Endosulfan II	1	5.793	5.762	5.822	1.5	
	2	5.821	5.791	5.851	1.7	12.5
Endosulfan Sulfate	1	6.417	6.386	6.446	1.1	
	2	6.273	6.242	6.302	1.3	16.7
Endrin	1	5.608	5.577	5.637	1.7	
	2	5.647	5.616	5.676	1.9	11.1
Endrin Aldehyde	1	6.115	6.086	6.146	1.3	
	2	6.078	6.049	6.109	1.3	0.0
Endrin Ketone	1	6.596	6.566	6.626	1.4	
	2	6.613	6.584	6.644	1.4	0.0
gamma-BHC (Lindane)	1	3.738	3.709	3.769	1.5	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B430512-BSD1 Date(s) Analyzed: 06/19/2026 06/19/2026
Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	3.759	3.729	3.789	1.6	6.5
gamma-Chlordane	1	4.988	4.959	5.019	1.4	
	2	5.004	4.974	5.034	1.5	6.9
Heptachlor	1	4.134	4.103	4.163	1.2	
	2	4.119	4.088	4.148	1.3	8.0
Heptachlor Epoxide	1	4.887	4.857	4.917	1.5	
	2	4.850	4.820	4.880	1.6	6.5
Methoxychlor	1	6.234	6.205	6.265	1.4	
	2	6.457	6.428	6.488	1.3	7.4

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike

Lab Sample ID: B430512-MS1 Date(s) Analyzed: 06/19/2026 06/19/2026
Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.653	5.624	5.684	1.7	
	2	5.739	5.710	5.770	1.9	5.4
4,4'-DDE	1	5.157	5.128	5.188	1.6	
	2	5.263	5.234	5.294	1.6	0.0
4,4'-DDT	1	5.883	5.853	5.913	1.5	
	2	5.987	5.958	6.018	1.6	6.5
Aldrin	1	4.384	4.354	4.414	1.2	
	2	4.383	4.353	4.413	1.3	8.0
alpha-BHC	1	3.475	3.444	3.504	1.9	
	2	3.469	3.439	3.499	1.9	0.0
beta-BHC	1	3.808	3.778	3.838	1.7	
	2	3.826	3.795	3.855	1.8	5.7
delta-BHC	1	3.957	3.927	3.987	1.4	
	2	4.065	4.035	4.095	1.4	0.0
Dieldrin	1	5.413	5.383	5.443	1.8	
	2	5.396	5.366	5.426	2.0	10.5
Endosulfan I	1	5.214	5.185	5.245	1.8	
	2	5.171	5.141	5.201	1.8	0.0
Endosulfan II	1	5.792	5.762	5.822	1.8	
	2	5.820	5.791	5.851	2.0	10.5
Endosulfan Sulfate	1	6.416	6.386	6.446	1.2	
	2	6.272	6.242	6.302	1.4	15.4
Endrin	1	5.607	5.577	5.637	2.2	
	2	5.646	5.616	5.676	2.3	4.4
Endrin Aldehyde	1	6.115	6.086	6.146	1.6	
	2	6.077	6.048	6.108	1.6	0.0
Endrin Ketone	1	6.596	6.566	6.626	1.8	
	2	6.613	6.584	6.644	1.9	5.4
gamma-BHC (Lindane)	1	3.739	3.709	3.769	1.8	
	2	3.759	3.729	3.789	1.9	5.4
Heptachlor	1	4.133	4.103	4.163	1.4	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike

Lab Sample ID: B430512-MS1 Date(s) Analyzed: 06/19/2026 06/19/2026
Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	4.119	4.088	4.148	1.5	6.9
Heptachlor Epoxide	1	4.887	4.857	4.917	1.8	
	2	4.850	4.820	4.880	1.8	0.0
Methoxychlor	1	6.234	6.205	6.265	1.8	
	2	6.457	6.428	6.488	1.9	5.4

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike Dup

Lab Sample ID: B430512-MSD1 Date(s) Analyzed: 06/19/2026 06/19/2026
Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.653	5.624	5.684	1.8	
	2	5.740	5.710	5.770	2.0	10.5
4,4'-DDE	1	5.157	5.128	5.188	1.6	
	2	5.263	5.234	5.294	1.7	6.1
4,4'-DDT	1	5.882	5.853	5.913	1.6	
	2	5.988	5.958	6.018	1.6	0.0
Aldrin	1	4.384	4.354	4.414	1.2	
	2	4.383	4.353	4.413	1.3	8.0
alpha-BHC	1	3.475	3.444	3.504	1.9	
	2	3.469	3.439	3.499	2.1	4.9
beta-BHC	1	3.808	3.778	3.838	1.8	
	2	3.826	3.795	3.855	1.9	5.4
delta-BHC	1	3.957	3.927	3.987	1.6	
	2	4.065	4.035	4.095	1.6	0.0
Dieldrin	1	5.413	5.383	5.443	1.9	
	2	5.396	5.366	5.426	2.0	5.1
Endosulfan I	1	5.215	5.185	5.245	1.8	
	2	5.171	5.141	5.201	1.9	5.4
Endosulfan II	1	5.792	5.762	5.822	1.9	
	2	5.821	5.791	5.851	2.1	10.0
Endosulfan Sulfate	1	6.416	6.386	6.446	1.4	
	2	6.272	6.242	6.302	1.6	13.3
Endrin	1	5.607	5.577	5.637	2.2	
	2	5.647	5.616	5.676	2.4	8.7
Endrin Aldehyde	1	6.116	6.086	6.146	1.8	
	2	6.078	6.048	6.108	1.8	0.0
Endrin Ketone	1	6.596	6.566	6.626	1.8	
	2	6.613	6.584	6.644	2.0	5.1
gamma-BHC (Lindane)	1	3.738	3.709	3.769	1.9	
	2	3.759	3.729	3.789	2.0	5.1
Heptachlor	1	4.133	4.103	4.163	1.4	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike Dup

Lab Sample ID: B430512-MSD1 Date(s) Analyzed: 06/19/2026 06/19/2026

Instrument ID (1): ECD 8A Instrument ID (2): ECD 8B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	4.119	4.088	4.148	1.5	6.9
Heptachlor Epoxide	1	4.886	4.857	4.917	1.8	
	2	4.850	4.820	4.880	1.9	5.4
Methoxychlor	1	6.234	6.205	6.265	1.9	
	2	6.457	6.428	6.488	2.0	5.1

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B430513-BS1 Date(s) Analyzed: 06/19/2026 06/19/2026
Instrument ID (1): ECD3 Instrument ID (2): ECD3
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.82	
	2	0.000	0.000	0.000	0.89	8.2
Aroclor-1260	1	0.000	0.000	0.000	1.1	
	2	0.000	0.000	0.000	0.95	14.6

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B430513-BSD1 Date(s) Analyzed: 06/19/2026 06/19/2026

Instrument ID (1): ECD3 Instrument ID (2): ECD3

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.90	
	2	0.000	0.000	0.000	0.94	4.4
Aroclor-1260	1	0.000	0.000	0.000	1.2	
	2	0.000	0.000	0.000	1.0	18.2

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B430513-MS1 Date(s) Analyzed: 06/19/2026 06/19/2026
 Instrument ID (1): ECD3 Instrument ID (2): ECD3
 GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.89	
	2	0.000	0.000	0.000	0.97	8.6
Aroclor-1260	1	0.000	0.000	0.000	0.99	
	2	0.000	0.000	0.000	0.91	8.4

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B430513-MSD1 Date(s) Analyzed: 06/19/2026 06/19/2026

Instrument ID (1): ECD3 Instrument ID (2): ECD3

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.88	
	2	0.000	0.000	0.000	0.93	5.5
Aroclor-1260	1	0.000	0.000	0.000	0.95	
	2	0.000	0.000	0.000	0.89	6.5

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B430886-BS1 Date(s) Analyzed: 06/24/2026 06/24/2026
Instrument ID (1): ECD5 Instrument ID (2): ECD5
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.14	
	2	0.000	0.000	0.000	0.15	6.9
Aroclor-1260	1	0.000	0.000	0.000	0.16	
	2	0.000	0.000	0.000	0.17	0.0

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B430886-BSD1 Date(s) Analyzed: 06/24/2026 06/24/2026
Instrument ID (1): ECD5 Instrument ID (2): ECD5
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.14	
	2	0.000	0.000	0.000	0.15	6.9
Aroclor-1260	1	0.000	0.000	0.000	0.17	
	2	0.000	0.000	0.000	0.17	0.0

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B430886-MS2 Date(s) Analyzed: 06/24/2026 06/24/2026

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	0.53	
	2	0.000	0.000	0.000	0.49	7.8
Aroclor-1260	1	0.000	0.000	0.000	0.43	
	2	0.000	0.000	0.000	0.46	6.7

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B430886-MSD2 Date(s) Analyzed: 06/24/2026 06/24/2026
Instrument ID (1): ECD5 Instrument ID (2): ECD5
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	0.000	0.000	1.3	
	2	0.000	0.000	0.000	1.7	26.7
Aroclor-1260	1	0.000	0.000	0.000	0.50	
	2	0.000	0.000	0.000	0.61	19.8

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B430887-BS1 Date(s) Analyzed: 06/24/2026 06/24/2026

Instrument ID (1): ECD6A Instrument ID (2): ECD6B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.617	5.588	5.648	0.10	
	2	5.628	5.598	5.658	0.11	9.5
4,4'-DDE	1	5.125	5.096	5.156	0.098	
	2	5.153	5.123	5.183	0.11	11.5
4,4'-DDT	1	5.848	5.819	5.879	0.092	
	2	5.884	5.854	5.914	0.097	5.3
Aldrin	1	4.357	4.326	4.386	0.093	
	2	4.274	4.243	4.303	0.10	7.3
alpha-BHC	1	3.454	3.423	3.483	0.090	
	2	3.378	3.347	3.407	0.096	6.5
alpha-Chlordane	1	5.066	5.035	5.095	0.094	
	2	5.011	4.981	5.041	0.099	5.2
beta-BHC	1	3.783	3.752	3.812	0.083	
	2	3.729	3.699	3.759	0.094	12.4
delta-BHC	1	3.931	3.900	3.960	0.077	
	2	3.964	3.933	3.993	0.085	9.9
Dieldrin	1	5.377	5.347	5.407	0.097	
	2	5.280	5.250	5.310	0.11	12.6
Endosulfan I	1	5.179	5.149	5.209	0.093	
	2	5.056	5.026	5.086	0.098	5.2
Endosulfan II	1	5.753	5.723	5.783	0.094	
	2	5.703	5.673	5.733	0.10	6.2
Endosulfan Sulfate	1	6.383	6.353	6.413	0.092	
	2	6.182	6.152	6.212	0.088	4.4
Endrin	1	5.570	5.539	5.599	0.097	
	2	5.528	5.498	5.558	0.10	3.1
Endrin Aldehyde	1	6.080	6.051	6.111	0.084	
	2	5.974	5.946	6.006	0.091	8.0
Endrin Ketone	1	6.565	6.535	6.595	0.092	
	2	6.533	6.503	6.563	0.11	17.8
gamma-BHC (Lindane)	1	3.715	3.684	3.744	0.091	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B430887-BS1 Date(s) Analyzed: 06/24/2026 06/24/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	3.662	3.631	3.691	0.11	18.9
gamma-Chlordane	1	4.955	4.926	4.986	0.094	
	2	4.891	4.861	4.921	0.10	6.2
Heptachlor	1	4.108	4.077	4.137	0.091	
	2	4.015	3.984	4.044	0.10	8.3
Heptachlor Epoxide	1	4.854	4.824	4.884	0.093	
	2	4.738	4.708	4.768	0.099	6.3
Methoxychlor	1	6.205	6.175	6.235	0.080	
	2	6.380	6.351	6.411	0.092	14.0

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B430887-BSD1 Date(s) Analyzed: 06/24/2026 06/24/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.617	5.588	5.648	0.098	
	2	5.627	5.598	5.658	0.10	2.0
4,4'-DDE	1	5.125	5.096	5.156	0.094	
	2	5.153	5.123	5.183	0.10	6.2
4,4'-DDT	1	5.848	5.819	5.879	0.088	
	2	5.884	5.854	5.914	0.090	2.3
Aldrin	1	4.357	4.326	4.386	0.092	
	2	4.274	4.243	4.303	0.10	8.3
alpha-BHC	1	3.454	3.423	3.483	0.090	
	2	3.378	3.347	3.407	0.095	5.4
alpha-Chlordane	1	5.065	5.035	5.095	0.091	
	2	5.011	4.981	5.041	0.096	5.4
beta-BHC	1	3.783	3.752	3.812	0.084	
	2	3.730	3.699	3.759	0.094	11.2
delta-BHC	1	3.931	3.900	3.960	0.073	
	2	3.964	3.933	3.993	0.080	9.2
Dieldrin	1	5.376	5.347	5.407	0.094	
	2	5.279	5.250	5.310	0.10	6.2
Endosulfan I	1	5.180	5.149	5.209	0.090	
	2	5.056	5.026	5.086	0.095	5.4
Endosulfan II	1	5.753	5.723	5.783	0.091	
	2	5.703	5.673	5.733	0.095	4.3
Endosulfan Sulfate	1	6.383	6.353	6.413	0.086	
	2	6.181	6.152	6.212	0.081	6.0
Endrin	1	5.570	5.539	5.599	0.095	
	2	5.528	5.498	5.558	0.10	5.1
Endrin Aldehyde	1	6.080	6.051	6.111	0.082	
	2	5.976	5.946	6.006	0.089	8.2
Endrin Ketone	1	6.565	6.535	6.595	0.089	
	2	6.532	6.503	6.563	0.097	8.6
gamma-BHC (Lindane)	1	3.715	3.684	3.744	0.092	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B430887-BSD1 Date(s) Analyzed: 06/24/2026 06/24/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	3.662	3.631	3.691	0.10	8.3
gamma-Chlordane	1	4.955	4.926	4.986	0.091	
	2	4.891	4.861	4.921	0.096	5.4
Heptachlor	1	4.108	4.077	4.137	0.092	
	2	4.015	3.984	4.044	0.10	8.3
Heptachlor Epoxide	1	4.853	4.824	4.884	0.091	
	2	4.738	4.708	4.768	0.096	5.4
Methoxychlor	1	6.205	6.175	6.235	0.075	
	2	6.379	6.351	6.411	0.087	14.8

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B431025-BS1 Date(s) Analyzed: 06/26/2026 06/26/2026

Instrument ID (1): ECD6A Instrument ID (2): ECD6B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.615	5.587	5.647	1.5	
	2	5.625	5.596	5.656	1.6	6.5
4,4'-DDE	1	5.124	5.094	5.154	1.4	
	2	5.151	5.121	5.181	1.5	6.9
4,4'-DDT	1	5.847	5.817	5.877	1.4	
	2	5.882	5.852	5.912	1.4	0.0
Aldrin	1	4.356	4.325	4.385	1.0	
	2	4.272	4.241	4.301	1.2	8.7
alpha-BHC	1	3.452	3.421	3.481	1.4	
	2	3.375	3.344	3.404	1.5	6.9
alpha-Chlordane	1	5.064	5.034	5.094	1.4	
	2	5.009	4.978	5.038	1.4	0.0
beta-BHC	1	3.782	3.751	3.811	1.3	
	2	3.727	3.697	3.757	1.4	7.4
delta-BHC	1	3.930	3.899	3.959	1.2	
	2	3.962	3.931	3.991	1.3	8.0
Dieldrin	1	5.375	5.345	5.405	1.4	
	2	5.277	5.247	5.307	1.6	13.3
Endosulfan I	1	5.178	5.148	5.208	1.4	
	2	5.054	5.023	5.083	1.5	6.9
Endosulfan II	1	5.751	5.721	5.781	1.4	
	2	5.700	5.670	5.730	1.5	6.9
Endosulfan Sulfate	1	6.381	6.352	6.412	1.4	
	2	6.179	6.150	6.210	1.4	0.0
Endrin	1	5.568	5.538	5.598	1.3	
	2	5.525	5.495	5.555	1.5	6.9
Endrin Aldehyde	1	6.079	6.049	6.109	1.3	
	2	5.974	5.944	6.004	1.3	0.0
Endrin Ketone	1	6.563	6.533	6.593	1.5	
	2	6.531	6.501	6.561	1.6	6.5
gamma-BHC (Lindane)	1	3.713	3.683	3.743	1.4	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS

Lab Sample ID: B431025-BS1 Date(s) Analyzed: 06/26/2026 06/26/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	3.660	3.629	3.689	1.6	13.3
gamma-Chlordane	1	4.954	4.924	4.984	1.3	
	2	4.889	4.859	4.919	1.4	7.4
Heptachlor	1	4.106	4.076	4.136	1.1	
	2	4.013	3.982	4.042	1.2	8.7
Heptachlor Epoxide	1	4.853	4.822	4.882	1.4	
	2	4.736	4.706	4.766	1.5	6.9
Methoxychlor	1	6.204	6.174	6.234	1.3	
	2	6.378	6.349	6.409	1.3	0.0

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B431025-BSD1 Date(s) Analyzed: 06/26/2026 06/26/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.616	5.587	5.647	1.8	
	2	5.625	5.596	5.656	2.0	10.5
4,4'-DDE	1	5.125	5.094	5.154	1.7	
	2	5.150	5.121	5.181	1.9	11.1
4,4'-DDT	1	5.847	5.817	5.877	1.6	
	2	5.881	5.852	5.912	1.7	6.1
Aldrin	1	4.356	4.325	4.385	1.5	
	2	4.272	4.241	4.301	1.7	12.5
alpha-BHC	1	3.454	3.421	3.481	1.6	
	2	3.377	3.344	3.404	1.7	6.1
alpha-Chlordane	1	5.064	5.034	5.094	1.6	
	2	5.008	4.978	5.038	1.8	5.7
beta-BHC	1	3.782	3.751	3.811	1.5	
	2	3.728	3.697	3.757	1.7	6.1
delta-BHC	1	3.930	3.899	3.959	1.4	
	2	3.962	3.931	3.991	1.6	13.3
Dieldrin	1	5.375	5.345	5.405	1.7	
	2	5.277	5.247	5.307	1.9	11.1
Endosulfan I	1	5.178	5.148	5.208	1.6	
	2	5.053	5.023	5.083	1.8	5.7
Endosulfan II	1	5.751	5.721	5.781	1.7	
	2	5.700	5.670	5.730	1.8	5.7
Endosulfan Sulfate	1	6.381	6.352	6.412	1.7	
	2	6.179	6.150	6.210	1.6	6.1
Endrin	1	5.568	5.538	5.598	1.6	
	2	5.525	5.495	5.555	1.7	6.1
Endrin Aldehyde	1	6.078	6.049	6.109	1.5	
	2	5.974	5.944	6.004	1.7	12.5
Endrin Ketone	1	6.563	6.533	6.593	1.6	
	2	6.531	6.501	6.561	1.8	5.7
gamma-BHC (Lindane)	1	3.715	3.683	3.743	1.7	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

LCS Dup

Lab Sample ID: B431025-BSD1 Date(s) Analyzed: 06/26/2026 06/26/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	3.660	3.629	3.689	1.9	11.1
gamma-Chlordane	1	4.954	4.924	4.984	1.6	
	2	4.889	4.859	4.919	1.8	11.8
Heptachlor	1	4.107	4.076	4.136	1.5	
	2	4.013	3.982	4.042	1.7	12.5
Heptachlor Epoxide	1	4.853	4.822	4.882	1.7	
	2	4.736	4.706	4.766	1.8	5.7
Methoxychlor	1	6.204	6.174	6.234	1.4	
	2	6.378	6.349	6.409	1.5	6.9

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike

Lab Sample ID: B431025-MS1 Date(s) Analyzed: 06/26/2026 06/26/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.615	5.587	5.647	1.7	
	2	5.625	5.596	5.656	2.0	16.2
4,4'-DDE	1	5.124	5.094	5.154	1.6	
	2	5.150	5.121	5.181	1.9	17.1
4,4'-DDT	1	5.846	5.817	5.877	1.4	
	2	5.881	5.852	5.912	1.7	19.4
Aldrin	1	4.355	4.325	4.385	1.3	
	2	4.271	4.241	4.301	1.4	7.4
alpha-BHC	1	3.451	3.421	3.481	1.6	
	2	3.375	3.344	3.404	1.7	6.1
beta-BHC	1	3.780	3.751	3.811	1.5	
	2	3.727	3.697	3.757	1.7	12.5
delta-BHC	1	3.928	3.899	3.959	1.1	
	2	3.961	3.931	3.991	1.2	8.7
Dieldrin	1	5.374	5.345	5.405	1.6	
	2	5.277	5.247	5.307	1.9	17.1
Endosulfan I	1	5.177	5.148	5.208	1.5	
	2	5.053	5.023	5.083	1.8	18.2
Endosulfan II	1	5.751	5.721	5.781	1.6	
	2	5.700	5.670	5.730	1.9	17.1
Endosulfan Sulfate	1	6.381	6.352	6.412	1.4	
	2	6.179	6.150	6.210	1.3	7.4
Endrin	1	5.567	5.538	5.598	1.5	
	2	5.525	5.495	5.555	1.8	18.2
Endrin Aldehyde	1	6.078	6.049	6.109	1.7	
	2	5.973	5.943	6.003	1.8	5.7
Endrin Ketone	1	6.563	6.533	6.593	1.7	
	2	6.530	6.501	6.561	1.8	5.7
gamma-BHC (Lindane)	1	3.712	3.683	3.743	1.6	
	2	3.659	3.629	3.689	1.8	11.8
Heptachlor	1	4.105	4.076	4.136	1.3	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike

Lab Sample ID: B431025-MS1 Date(s) Analyzed: 06/26/2026 06/26/2026

Instrument ID (1): ECD6A Instrument ID (2): ECD6B

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	4.012	3.982	4.042	1.4	7.4
Heptachlor Epoxide	1	4.852	4.822	4.882	1.5	
	2	4.736	4.706	4.766	1.7	12.5
Methoxychlor	1	6.203	6.174	6.234	1.5	
	2	6.377	6.349	6.409	1.6	6.5

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike Dup

Lab Sample ID: B431025-MSD1 Date(s) Analyzed: 06/26/2026 06/26/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	5.614	5.587	5.647	1.7	
	2	5.625	5.596	5.656	2.1	21.1
4,4'-DDE	1	5.123	5.094	5.154	1.6	
	2	5.150	5.121	5.181	2.0	16.2
4,4'-DDT	1	5.846	5.817	5.877	1.4	
	2	5.881	5.852	5.912	1.7	19.4
Aldrin	1	4.355	4.325	4.385	1.4	
	2	4.272	4.241	4.301	1.6	13.3
alpha-BHC	1	3.453	3.421	3.481	1.8	
	2	3.376	3.344	3.404	1.9	5.4
beta-BHC	1	3.782	3.751	3.811	1.6	
	2	3.727	3.697	3.757	1.7	6.1
delta-BHC	1	3.929	3.899	3.959	1.2	
	2	3.961	3.931	3.991	1.3	8.0
Dieldrin	1	5.374	5.345	5.405	1.7	
	2	5.277	5.247	5.307	2.1	21.1
Endosulfan I	1	5.177	5.148	5.208	1.6	
	2	5.053	5.023	5.083	2.0	22.2
Endosulfan II	1	5.750	5.721	5.781	1.6	
	2	5.700	5.670	5.730	1.9	17.1
Endosulfan Sulfate	1	6.380	6.352	6.412	1.6	
	2	6.179	6.150	6.210	1.4	13.3
Endrin	1	5.567	5.538	5.598	1.5	
	2	5.525	5.495	5.555	1.8	18.2
Endrin Aldehyde	1	6.078	6.049	6.109	1.8	
	2	5.973	5.943	6.003	1.9	5.4
Endrin Ketone	1	6.562	6.533	6.593	1.7	
	2	6.530	6.501	6.561	1.9	11.1
gamma-BHC (Lindane)	1	3.713	3.683	3.743	1.7	
	2	3.660	3.629	3.689	1.9	11.1
Heptachlor	1	4.106	4.076	4.136	1.4	

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8081B

Matrix Spike Dup

Lab Sample ID: B431025-MSD1 Date(s) Analyzed: 06/26/2026 06/26/2026
Instrument ID (1): ECD6A Instrument ID (2): ECD6B
GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
	2	4.013	3.982	4.042	1.6	13.3
Heptachlor Epoxide	1	4.851	4.822	4.882	1.6	
	2	4.736	4.706	4.766	2.0	22.2
Methoxychlor	1	6.202	6.174	6.234	1.4	
	2	6.377	6.349	6.409	1.4	0.0

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
DL-03	Elevated reporting limit due to matrix.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-04	Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possibility of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-07A2	Matrix spike and spike duplicate recovery is outside of control limits on the low side.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-11	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
PF-18	Re-extraction confirmed Extracted Internal Standard failure due to matrix effects.
PF-25	Sample underwent centrifugation per laboratory protocol.
PR-18	Headspace present in sample container.
Q	The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spi
R-02	Duplicate RPD is outside of control limits. Outlier can be attributed to sample non-homogeneity encountered during sample prep.
R-05	Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
RL-12	Elevated reporting limit due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
S-03	Surrogate recovery outside of control limits due to suspected sample matrix interference.
S-07	One associated surrogate standard recovery is outside of control limits but the other(s) is/are within limits. All recoveries are > 10%.

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
S-09	Sample was re-extracted outside of holding time since surrogate standard recovery was outside of control limits in initial analysis. Initial data is reported since confirmation analysis also had unacceptable surrogate, confirming matrix interference.
S-26	Surrogate outside of control limits.
S-29	Extracted Internal Standard is outside of control limits.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-36	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
Z-01	Sample was re-extracted outside of holding time since Blank surrogate recovery was outside of control limits in initial analysis. Data from analysis performed outside of holding time is also reported since Blank surrogate recovery is acceptable.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 1633A in Soil</i>	
Perfluorobutanoic acid (PFBA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoropentanoic acid (PFPeA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorohexanoic acid (PFHxA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoroheptanoic acid (PFHpA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorooctanoic acid (PFOA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorononanoic acid (PFNA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorodecanoic acid (PFDA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoroundecanoic acid (PFUnA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorododecanoic acid (PFDoA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorotridecanoic acid (PFTrDA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorotetradecanoic acid (PFTeDA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorobutanesulfonic acid (PFBS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoropentanesulfonic acid (PFPeS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorohexanesulfonic acid (PFHxS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoroheptanesulfonic acid (PFHpS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorooctanesulfonic acid (PFOS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorononanesulfonic acid (PFNS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorodecanesulfonic acid (PFDS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorododecanesulfonic acid (PFDoS)	VA,NY,NH,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	VA,NY,NH,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	VA,NY,NH,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluorooctanesulfonamide (PFOSA)	VA,NY,NH,PA,WV,LA,ME,CT
N-methyl perfluorooctanesulfonamide (NMeFOSA)	VA,NY,NH,PA,WV,LA,ME,CT
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	VA,NY,NH,PA,WV,LA,ME,CT
N-MeFOSAA (NMeFOSAA)	VA,NY,NH,PA,WV,LA,ME,CT
N-EtFOSAA (NEtFOSAA)	VA,NY,NH,PA,WV,LA,ME,CT
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	VA,NY,NH,PA,WV,LA,ME,CT
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	VA,NY,NH,PA,WV,LA,ME,CT
Hexafluoropropylene oxide dimer acid (HFPO-DA)	VA,NY,NH,PA,WV,LA,ME,CT
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	VA,NY,NH,PA,WV,LA,ME,CT
9Cl-PF3ONS	VA,NY,NH,PA,WV,LA,ME,CT
11Cl-PF3OUdS	VA,NY,NH,PA,WV,LA,ME,CT
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	VA,NY,NH,PA,WV,LA,ME,CT
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	VA,NY,NH,PA,WV,LA,ME,CT
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoro-3-methoxypropanoic acid (PFMPA)	VA,NY,NH,PA,WV,LA,ME,CT
Perfluoro-4-methoxybutanoic acid (PFMBA)	VA,NY,NH,PA,WV,LA,ME,CT
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	VA,NY,NH,PA,WV,LA,ME,CT
<i>EPA 1633A in Water</i>	
Perfluorobutanoic acid (PFBA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorobutanoic acid (PFBA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoropentanoic acid (PFPeA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoropentanoic acid (PFPeA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorohexanoic acid (PFHxA)	NY,NH,VA,PA,WV,LA,ME,CT

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 1633A in Water</i>	
Perfluorohexanoic acid (PFHxA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroheptanoic acid (PFHpA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroheptanoic acid (PFHpA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanoic acid (PFOA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanoic acid (PFOA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorononanoic acid (PFNA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorononanoic acid (PFNA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorodecanoic acid (PFDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorodecanoic acid (PFDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroundecanoic acid (PFUnA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroundecanoic acid (PFUnA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorododecanoic acid (PFDoA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorododecanoic acid (PFDoA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorotridecanoic acid (PFTrDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorotridecanoic acid (PFTrDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorotetradecanoic acid (PFTeDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorotetradecanoic acid (PFTeDA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorobutanesulfonic acid (PFBS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorobutanesulfonic acid (PFBS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoropentanesulfonic acid (PFPeS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoropentanesulfonic acid (PFPeS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorohexanesulfonic acid (PFHxS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorohexanesulfonic acid (PFHxS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroheptanesulfonic acid (PFHpS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoroheptanesulfonic acid (PFHpS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanesulfonic acid (PFOS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanesulfonic acid (PFOS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorononanesulfonic acid (PFNS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorononanesulfonic acid (PFNS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorodecanesulfonic acid (PFDS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorodecanesulfonic acid (PFDS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorododecanesulfonic acid (PFDoS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorododecanesulfonic acid (PFDoS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorooctane sulfonic acid (6:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
1H,1H,2H,2H-Perfluorodecane sulfonic acid (8:2FTS)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanesulfonamide (PFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluorooctanesulfonamide (PFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-methyl perfluorooctanesulfonamide (NMeFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-ethyl perfluorooctanesulfonamide (NEtFOSA)	NY,NH,VA,PA,WV,LA,ME,CT
N-MeFOSAA (NMeFOSAA)	NY,NH,VA,PA,WV,LA,ME,CT
N-MeFOSAA (NMeFOSAA)	NY,NH,VA,PA,WV,LA,ME,CT

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 1633A in Water</i>	
N-EtFOSAA (NEtFOSAA)	NY,NH,VA,PA,WV,LA,ME,CT
N-EtFOSAA (NEtFOSAA)	NY,NH,VA,PA,WV,LA,ME,CT
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	NY,NH,VA,PA,WV,LA,ME,CT
N-methylperfluorooctanesulfonamidoethanol(NMeFOSE)	NY,NH,VA,PA,WV,LA,ME,CT
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	NY,NH,VA,PA,WV,LA,ME,CT
N-ethylperfluorooctanesulfonamidoethanol (NEtFOSE)	NY,NH,VA,PA,WV,LA,ME,CT
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NY,NH,VA,PA,WV,LA,ME,CT
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NY,NH,VA,PA,WV,LA,ME,CT
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NY,NH,VA,PA,WV,LA,ME,CT
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NY,NH,VA,PA,WV,LA,ME,CT
9CI-PF3ONS	NY,NH,VA,PA,WV,LA,ME,CT
9CI-PF3ONS	NY,NH,VA,PA,WV,LA,ME,CT
11CI-PF3OUdS	NY,NH,VA,PA,WV,LA,ME,CT
11CI-PF3OUdS	NY,NH,VA,PA,WV,LA,ME,CT
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
3-Perfluoropropyl propanoic acid (FPrPA)(3:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
2H,2H,3H,3H-Perfluorooctanoic acid(FPePA)(5:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
3-Perfluoroheptyl propanoic acid (FHpPA)(7:3FTCA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro(2-ethoxyethane)sulfonic acid (PFEEESA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro-3-methoxypropanoic acid (PFMPA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro-4-methoxybutanoic acid (PFMBA)	NY,NH,VA,PA,WV,LA,ME,CT
Perfluoro-4-methoxybutanoic acid (PFMBA)	NY,NH,VA,PA,WV,LA,ME,CT
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NY,NH,VA,PA,WV,LA,ME,CT
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NY,NH,VA,PA,WV,LA,ME,CT
<i>EPA 300.0 in Water</i>	
Bromide	NC,NY,ME,NH
<i>EPA 300.0, Rev.2.1 (1993) in Water</i>	
Chloride	NC,NY,MA,VA,ME,NH,CT,RI
Sulfate	NC,NY,MA,VA,ME,NH,CT,RI,NJ
<i>EPA 410.4, Rev.2.0 (1993) in Water</i>	
Chemical Oxygen Demand	CT,MA,NH,NY,RI,NC,ME,VA,NJ
<i>EPA 9060A in Soil</i>	
Total Organic Carbon	NY,ME,PA,VA,NH
TOC Rep 1	NY,ME,PA,VA,NH
TOC Rep 2	NY,ME,PA,VA,NH
TOC Rep 3	NY,ME,PA,VA,NH
TOC Rep 4	NY,ME,PA,VA,NH
Total Organic Carbon (Average)	NY,ME,PA,VA,NH
<i>SM 2320B-2011 in Water</i>	
Alkalinity to pH 4.5	CT,NJ
<i>SM 2540B-2020 in Water</i>	

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<i>SM 2540B-2020 in Water</i>	
Total Solids	NY,CT,RI,NH,NC,ME,VA,NJ
<i>SM 2540C-2020 in Water</i>	
Total Dissolved Solids	CT,MA,NH,NY,RI,NC,ME,VA,NJ
<i>SM 4500-NH3 C-2021 in Water</i>	
Ammonia as N	NY,MA,CT,RI,VA,NC,ME,NJ
<i>SM 5310C-2014 in Water</i>	
Total Organic Carbon	NY,ME,NH,NJ,PA,CT,RI,VA,MA,NC
<i>SM21-24 4500 NH3 C Modified in Soil</i>	
Ammonia as N	NC
<i>SW-846 8081B in Soil</i>	
alpha-Chlordane	NC
alpha-Chlordane [2C]	NC
gamma-Chlordane	NC
gamma-Chlordane [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA,NJ
Aldrin [2C]	CT,NH,NY,ME,NC,VA,NJ
alpha-BHC	CT,NH,NY,ME,NC,VA,NJ
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
beta-BHC	CT,NH,NY,ME,NC,VA,NJ
beta-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
delta-BHC	CT,NH,NY,ME,NC,VA,NJ
delta-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA,NJ
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDD	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDE	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDT	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA,NJ
Dieldrin	CT,NH,NY,ME,NC,VA,NJ
Dieldrin [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan I	CT,NH,NY,ME,NC,VA,NJ
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan II	CT,NH,NY,ME,NC,VA,NJ
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA,NJ
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin	CT,NH,NY,ME,NC,VA,NJ
Endrin [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin Aldehyde	CT,NH,NY,ME,NC,VA,NJ
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA,NJ

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Analyte	Certifications
<i>SW-846 8081B in Soil</i>	
Heptachlor [2C]	CT,NH,NY,ME,NC,VA,NJ
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA,NJ
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA,NJ
Hexachlorobenzene	NC
Methoxychlor	CT,NH,NY,ME,NC,VA,NJ
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA,NJ
Toxaphene	CT,NH,NY,ME,NC,VA,NJ
Toxaphene [2C]	CT,NH,NY,ME,NC,VA,NJ
<i>SW-846 8081B in Water</i>	
alpha-Chlordane	NC
alpha-Chlordane	NC
alpha-Chlordane [2C]	NC
alpha-Chlordane [2C]	NC
gamma-Chlordane	NC
gamma-Chlordane	NC
gamma-Chlordane [2C]	NC
gamma-Chlordane [2C]	NC
Aldrin	CT,NH,NY,ME,NC,VA,NJ
Aldrin	CT,NH,NY,ME,NC,VA,NJ
Aldrin [2C]	CT,NH,NY,ME,NC,VA,NJ
Aldrin [2C]	CT,NH,NY,ME,NC,VA,NJ
alpha-BHC	CT,NH,NY,ME,NC,VA,NJ
alpha-BHC	CT,NH,NY,ME,NC,VA,NJ
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
alpha-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
beta-BHC	CT,NH,NY,ME,NC,VA,NJ
beta-BHC	CT,NH,NY,ME,NC,VA,NJ
beta-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
beta-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
delta-BHC	CT,NH,NY,ME,NC,VA,NJ
delta-BHC	CT,NH,NY,ME,NC,VA,NJ
delta-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
delta-BHC [2C]	CT,NH,NY,ME,NC,VA,NJ
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA,NJ
gamma-BHC (Lindane)	CT,NH,NY,ME,NC,VA,NJ
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA,NJ
gamma-BHC (Lindane) [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDD	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDD	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDD [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDE	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDE	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDE [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDT	CT,NH,NY,ME,NC,VA,NJ

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8081B in Water</i>	
4,4'-DDT	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA,NJ
4,4'-DDT [2C]	CT,NH,NY,ME,NC,VA,NJ
Dieldrin	CT,NH,NY,ME,NC,VA,NJ
Dieldrin	CT,NH,NY,ME,NC,VA,NJ
Dieldrin [2C]	CT,NH,NY,ME,NC,VA,NJ
Dieldrin [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan I	CT,NH,NY,ME,NC,VA,NJ
Endosulfan I	CT,NH,NY,ME,NC,VA,NJ
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan I [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan II	CT,NH,NY,ME,NC,VA,NJ
Endosulfan II	CT,NH,NY,ME,NC,VA,NJ
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan II [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA,NJ
Endosulfan Sulfate	CT,NH,NY,ME,NC,VA,NJ
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA,NJ
Endosulfan Sulfate [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin	CT,NH,NY,ME,NC,VA,NJ
Endrin	CT,NH,NY,ME,NC,VA,NJ
Endrin [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin Aldehyde	CT,NH,NY,ME,NC,VA,NJ
Endrin Aldehyde	CT,NH,NY,ME,NC,VA,NJ
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin Aldehyde [2C]	CT,NH,NY,ME,NC,VA,NJ
Endrin Ketone	NC
Endrin Ketone	NC
Endrin Ketone [2C]	NC
Endrin Ketone [2C]	NC
Heptachlor	CT,NH,NY,ME,NC,VA,NJ
Heptachlor	CT,NH,NY,ME,NC,VA,NJ
Heptachlor [2C]	CT,NH,NY,ME,NC,VA,NJ
Heptachlor [2C]	CT,NH,NY,ME,NC,VA,NJ
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA,NJ
Heptachlor Epoxide	CT,NH,NY,ME,NC,VA,NJ
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA,NJ
Heptachlor Epoxide [2C]	CT,NH,NY,ME,NC,VA,NJ
Hexachlorobenzene	NC
Hexachlorobenzene	NC
Methoxychlor	CT,NH,NY,ME,NC,VA,NJ
Methoxychlor	CT,NH,NY,ME,NC,VA,NJ
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA,NJ
Methoxychlor [2C]	CT,NH,NY,ME,NC,VA,NJ
Toxaphene	CT,NH,NY,ME,NC,VA,NJ
Toxaphene	CT,NH,NY,ME,NC,VA,NJ

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Analyte	Certifications
<i>SW-846 8081B in Water</i>	
Toxaphene [2C]	CT,NH,NY,ME,NC,VA,NJ
Toxaphene [2C]	CT,NH,NY,ME,NC,VA,NJ
<i>SW-846 8082A in Soil</i>	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA,NJ
<i>SW-846 8082A in Water</i>	
Aroclor-1016	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1016	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1221	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1221	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1232	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1242	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1242	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1248	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1248	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1254	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA

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Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8082A in Water</i>	
Aroclor-1260	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,NJ,PA
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262	NH,NY,NC,ME,VA,NJ,PA
Aroclor-1262	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,NJ,PA
Aroclor-1262 [2C]	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268	NH,NY,NC,ME,VA,NJ,PA
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,PA,NJ
Aroclor-1268 [2C]	NH,NY,NC,ME,VA,NJ,PA
<i>SW-846 8260D in Soil</i>	
Acetone	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,ME,VA
Benzene	CT,NH,NY,VA
Bromochloromethane	NH,NY,ME,VA
Bromodichloromethane	CT,NH,NY,ME,VA
Bromoform	CT,NH,NY,ME,VA
Bromomethane	CT,NH,NY,ME,VA
2-Butanone (MEK)	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,ME,VA
n-Butylbenzene	CT,NH,NY,VA
sec-Butylbenzene	CT,NH,NY,ME,VA
sec-Butylbenzene	CT,NH,NY,VA
tert-Butylbenzene	CT,NH,NY,VA
tert-Butylbenzene	CT,NH,NY,ME,VA
Carbon Disulfide	CT,NH,NY,ME,VA
Carbon Tetrachloride	CT,NH,NY,ME,VA
Chlorobenzene	CT,NH,NY,ME,VA
Chlorodibromomethane	CT,NH,NY,ME,VA
Chloroethane	CT,NH,NY,ME,VA
Chloroform	CT,NH,NY,ME,VA
Chloromethane	CT,NH,NY,ME,VA
Cyclohexane	NY,ME
1,2-Dibromo-3-chloropropane (DBCP)	NY,ME
1,2-Dibromoethane (EDB)	NH,NY
1,2-Dichlorobenzene	CT,NH,NY,ME,VA
1,3-Dichlorobenzene	CT,NH,NY,ME,VA
1,4-Dichlorobenzene	CT,NH,NY,ME,VA
Dichlorodifluoromethane (Freon 12)	NH,NY,ME,VA
1,1-Dichloroethane	CT,NH,NY,ME,VA
1,2-Dichloroethane	CT,NH,NY,ME,VA
1,1-Dichloroethylene	CT,NH,NY,ME,VA
cis-1,2-Dichloroethylene	CT,NH,NY,ME,VA
trans-1,2-Dichloroethylene	CT,NH,NY,ME,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Soil</i>	
1,2-Dichloropropane	CT,NH,NY,ME,VA
cis-1,3-Dichloropropene	CT,NH,NY,ME,VA
trans-1,3-Dichloropropene	CT,NH,NY,ME,VA
1,4-Dioxane	NY,ME
Ethylbenzene	CT,NH,NY,VA
Ethylbenzene	CT,NH,NY,ME,VA
Hexachlorobutadiene	NH,NY,ME,VA
2-Hexanone (MBK)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,ME,VA
Isopropylbenzene (Cumene)	CT,NH,NY,VA
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl Acetate	NY,ME
Methyl tert-Butyl Ether (MTBE)	NY,VA
Methyl tert-Butyl Ether (MTBE)	NY,ME,VA
Methyl Cyclohexane	NY
Methylene Chloride	CT,NH,NY,ME,VA
4-Methyl-2-pentanone (MIBK)	CT,NH,NY,ME,VA
Naphthalene	NH,NY,ME,VA
Naphthalene	NH,NY,VA
n-Propylbenzene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME,VA
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME,VA
Tetrachloroethylene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,ME,VA
Toluene	CT,NH,NY,VA
1,2,3-Trichlorobenzene	NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME,VA
1,1,1-Trichloroethane	CT,NH,NY,ME,VA
1,1,2-Trichloroethane	CT,NH,NY,ME,VA
Trichloroethylene	CT,NH,NY,ME,VA
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME,VA
1,2,3-Trichloropropane	NH,NY,ME,VA
1,2,4-Trimethylbenzene	CT,NH,NY,VA
1,2,4-Trimethylbenzene	CT,NH,NY,ME,VA
1,3,5-Trimethylbenzene	CT,NH,NY,VA
1,3,5-Trimethylbenzene	CT,NH,NY,ME,VA
Vinyl Chloride	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,ME,VA
m+p Xylene	CT,NH,NY,VA
o-Xylene	CT,NH,NY,VA
o-Xylene	CT,NH,NY,ME,VA
Xylenes (total)	NH,NY,ME
<i>SW-846 8260D in Water</i>	
Acetone	CT,ME,NH,VA,NY,NJ

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Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Benzene	CT,NH,NY,VA,NJ
Benzene	CT,ME,NH,VA,NY,NJ
Bromochloromethane	ME,NH,VA,NY,NJ
Bromodichloromethane	CT,ME,NH,VA,NY,NJ
Bromoform	CT,ME,NH,VA,NY,NJ
Bromomethane	CT,ME,NH,VA,NY,NJ
2-Butanone (MEK)	CT,ME,NH,VA,NY,NJ
n-Butylbenzene	NY,VA,NJ
n-Butylbenzene	ME,VA,NY,NJ
sec-Butylbenzene	NY,VA,NJ
sec-Butylbenzene	ME,VA,NY,NJ
tert-Butylbenzene	NY,VA,NJ
tert-Butylbenzene	ME,VA,NY,NJ
Carbon Disulfide	CT,ME,NH,VA,NY,NJ
Carbon Tetrachloride	CT,ME,NH,VA,NY,NJ
Chlorobenzene	CT,ME,NH,VA,NY,NJ
Chlorodibromomethane	CT,ME,NH,VA,NY,NJ
Chloroethane	CT,ME,NH,VA,NY,NJ
Chloroform	CT,ME,NH,VA,NY,NJ
Chloromethane	CT,ME,NH,VA,NY,NJ
Cyclohexane	ME,NY,NJ
1,2-Dibromo-3-chloropropane (DBCP)	ME,NY,NJ
1,2-Dibromoethane (EDB)	ME,NY,NJ
1,2-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,3-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
1,4-Dichlorobenzene	CT,ME,NH,VA,NY,NJ
Dichlorodifluoromethane (Freon 12)	ME,NH,VA,NY,NJ
1,1-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,2-Dichloroethane	CT,ME,NH,VA,NY,NJ
1,1-Dichloroethylene	CT,ME,NH,VA,NY,NJ
cis-1,2-Dichloroethylene	ME,NY,NJ
trans-1,2-Dichloroethylene	CT,ME,NH,VA,NY,NJ
1,2-Dichloropropane	CT,ME,NH,VA,NY,NJ
cis-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
trans-1,3-Dichloropropene	CT,ME,NH,VA,NY,NJ
1,4-Dioxane	ME,NY,NJ
Ethylbenzene	CT,NH,NY,VA,NJ
Ethylbenzene	CT,ME,NH,VA,NY,NJ
Hexachlorobutadiene	CT,ME,NH,VA,NY,NJ
2-Hexanone (MBK)	CT,ME,NH,VA,NY,NJ
Isopropylbenzene (Cumene)	ME,VA,NY,NJ
Isopropylbenzene (Cumene)	NY,VA,NJ
p-Isopropyltoluene (p-Cymene)	CT,ME,NH,VA,NY,NJ
p-Isopropyltoluene (p-Cymene)	CT,NH,NY,VA,NJ
Methyl Acetate	ME,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,ME,NH,VA,NY,NJ
Methyl tert-Butyl Ether (MTBE)	CT,NH,NY,VA,NJ

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Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260D in Water</i>	
Methyl Cyclohexane	NY,NJ
Methylene Chloride	CT,ME,NH,VA,NY,NJ
4-Methyl-2-pentanone (MIBK)	CT,ME,NH,VA,NY,NJ
Naphthalene	ME,NH,VA,NY,NJ
Naphthalene	NH,NY,VA,NJ
n-Propylbenzene	CT,ME,NH,VA,NY,NJ
n-Propylbenzene	CT,NH,NY,VA,NJ
Styrene	CT,ME,NH,VA,NY,NJ
1,1,2,2-Tetrachloroethane	CT,ME,NH,VA,NY,NJ
Tetrachloroethylene	CT,ME,NH,VA,NY,NJ
Toluene	CT,NH,NY,VA,NJ
Toluene	CT,ME,NH,VA,NY,NJ
1,2,3-Trichlorobenzene	ME,NH,VA,NY,NJ
1,2,4-Trichlorobenzene	CT,ME,NH,VA,NY,NJ
1,1,1-Trichloroethane	CT,ME,NH,VA,NY,NJ
1,1,2-Trichloroethane	CT,ME,NH,VA,NY,NJ
Trichloroethylene	CT,ME,NH,VA,NY,NJ
Trichlorofluoromethane (Freon 11)	CT,ME,NH,VA,NY,NJ
1,2,3-Trichloropropane	ME,NH,VA,NY,NJ
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	VA,NY,NJ
1,2,4-Trimethylbenzene	ME,VA,NY,NJ
1,2,4-Trimethylbenzene	NY,VA,NJ
1,3,5-Trimethylbenzene	ME,VA,NY,NJ
1,3,5-Trimethylbenzene	NY,VA,NJ
Vinyl Chloride	CT,ME,NH,VA,NY,NJ
m+p Xylene	CT,NH,NY,VA,NJ
m+p Xylene	CT,ME,NH,VA,NY,NJ
o-Xylene	CT,NH,NY,VA,NJ
o-Xylene	CT,ME,NH,VA,NY,NJ
Xylenes (total)	ME,NY,NJ
<i>SW-846 8270E in Soil</i>	
1,4-Dioxane	NY,NH,NJ
Atrazine	ME,NC
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acetophenone	NY,NH,ME,NC,VA
Aniline	NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH,ME,NC,VA
Bis(2-chloroethyl)ether	CT,NY,NH,ME,NC,VA
2,2'-oxybis(1-Chloropropane)	CT,NY,NH,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270E in Soil	
Bis(2-Ethylhexyl)phthalate	CT,NY,NH,ME,NC,VA
4-Bromophenylphenylether	CT,NY,NH,ME,NC,VA
Butylbenzylphthalate	CT,NY,NH,ME,NC,VA
Carbazole	NC
4-Chloroaniline	CT,NY,NH,ME,NC,VA
4-Chloro-3-methylphenol	CT,NY,NH,ME,NC,VA
2-Chloronaphthalene	CT,NY,NH,NC,VA
2-Chlorophenol	CT,NY,NH,ME,NC,VA
4-Chlorophenylphenylether	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH,ME,NC,VA
Di-n-butylphthalate	CT,NY,NH,ME,NC,VA
1,2-Dichlorobenzene	NY,NH,ME,NC,VA
1,3-Dichlorobenzene	NY,NH,ME,NC,VA
1,4-Dichlorobenzene	NY,NH,ME,NC,VA
3,3'-Dichlorobenzidine	CT,NY,NH,ME,NC,VA
2,4-Dichlorophenol	CT,NY,NH,ME,NC,VA
Diethylphthalate	CT,NY,NH,ME,NC,VA
2,4-Dimethylphenol	CT,NY,NH,ME,NC,VA
Dimethylphthalate	CT,NY,NH,ME,NC,VA
4,6-Dinitro-2-methylphenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrophenol	CT,NY,NH,ME,NC,VA
2,4-Dinitrotoluene	CT,NY,NH,ME,NC,VA
2,6-Dinitrotoluene	CT,NY,NH,ME,NC,VA
Di-n-octylphthalate	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH,ME,NC,VA
Hexachlorobutadiene	CT,NY,NH,ME,NC,VA
Hexachlorocyclopentadiene	CT,NY,NH,ME,NC,VA
Hexachloroethane	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Isophorone	CT,NY,NH,ME,NC,VA
1-Methylnaphthalene	NC
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH,ME,NC,VA
3/4-Methylphenol	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH,ME,NC,VA
3-Nitroaniline	CT,NY,NH,ME,NC,VA
4-Nitroaniline	CT,NY,NH,ME,NC,VA
Nitrobenzene	CT,NY,NH,ME,NC,VA
2-Nitrophenol	CT,NY,NH,ME,NC,VA
4-Nitrophenol	CT,NY,NH,ME,NC,VA
N-Nitrosodi-n-propylamine	CT,NY,NH,ME,NC,VA
Pentachlorophenol	CT,NY,NH,ME,NC,VA

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Analyte	Certifications
<i>SW-846 8270E in Soil</i>	
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH,ME,NC,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NH,ME,NC,VA
2,4,5-Trichlorophenol	CT,NY,NH,ME,NC,VA
2,4,6-Trichlorophenol	CT,NY,NH,ME,NC,VA
2-Fluorophenol	NC
<i>SW-846 8270E in Water</i>	
1,4-Dioxane	NY,NH,NJ
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acenaphthylene	CT,NY,NC,ME,NH,VA
Acetophenone	NY,NC
Acetophenone	NY,NC
Aniline	CT,NY,NC,ME,VA
Aniline	CT,NY,NC,ME,VA
Anthracene	CT,NY,NC,ME,NH,VA
Anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(a)anthracene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(a)pyrene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(b)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Benzo(g,h,i)perylene	CT,NY,NC,ME,NH,VA
Benzo(k)fluoranthene	CT,NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
2,2'-oxybis(1-Chloropropane)	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
Bis(2-chloroethoxy)methane	CT,NY,NC,ME,NH,VA
Bis(2-chloroethyl)ether	CT,NY,NC,ME,NH,VA
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
Carbazole	NC
2,2'-oxybis(1-Chloropropane)	CT,NY,NC,ME,NH,VA
4-Chloroaniline	CT,NY,NC,ME,NH,VA
Bis(2-Ethylhexyl)phthalate	CT,NY,NC,ME,NH,VA
4-Bromophenylphenylether	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA

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Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270E in Water</i>	
Butylbenzylphthalate	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
Carbazole	NC
Chrysene	CT,NY,NC,ME,NH,VA
4-Chloro-3-methylphenol	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
4-Chloroaniline	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
2-Chloronaphthalene	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
2-Chlorophenol	CT,NY,NC,ME,NH,VA
4-Chlorophenylphenylether	CT,NY,NC,ME,NH,VA
3,3'-Dichlorobenzidine	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Chrysene	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Dibenz(a,h)anthracene	CT,NY,NC,ME,NH,VA
Dibenzofuran	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
1,2-Dichlorobenzene	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
1,3-Dichlorobenzene	CT,NY,NC,ME,NH,VA
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
1,4-Dichlorobenzene	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2,4-Dichlorophenol	CT,NY,NC,ME,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
Fluoranthene	CT,NY,NC,ME,NH,VA
Diethylphthalate	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
Hexachlorobenzene	CT,NY,NC,ME,NH,VA
2,4-Dimethylphenol	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Dimethylphthalate	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Di-n-butylphthalate	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
4,6-Dinitro-2-methylphenol	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA

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Analyte	Certifications
<i>SW-846 8270E in Water</i>	
1-Methylnaphthalene	NC
2,4-Dinitrophenol	CT,NY,NC,ME,NH,VA
2,4-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
2,6-Dinitrotoluene	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Di-n-octylphthalate	CT,NY,NC,ME,NH,VA
Naphthalene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Fluoranthene	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
Fluorene	NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
Hexachlorobutadiene	CT,NY,NC,ME,NH,VA
Hexachlorocyclopentadiene	CT,NY,NC,ME,NH,VA
Hexachloroethane	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NC,ME,NH,VA
Isophorone	CT,NY,NC,ME,NH,VA
Pentachlorophenol	CT,NY,NC,ME,NH,VA
1-Methylnaphthalene	NC
Phenanthrene	CT,NY,NC,ME,NH,VA
2-Methylnaphthalene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA
2-Methylphenol	CT,NY,NC,NH,VA
Pyrene	CT,NY,NC,ME,NH,VA
3/4-Methylphenol	CT,NY,NC,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
Naphthalene	CT,NY,NC,ME,NH,VA
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2-Nitroaniline	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
3-Nitroaniline	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
4-Nitroaniline	CT,NY,NC,ME,NH,VA
Nitrobenzene	CT,NY,NC,ME,NH,VA
2-Nitrophenol	CT,NY,NC,ME,NH,VA
4-Nitrophenol	CT,NY,NC,ME,NH,VA
N-Nitrosodi-n-propylamine	CT,NY,NC,ME,NH,VA
Pentachlorophenol	CT,NY,NC,ME,NH,VA
Phenanthrene	CT,NY,NC,ME,NH,VA
Phenol	CT,NY,NC,ME,NH,VA

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8270E in Water</i>	
Pyrene	CT,NY,NC,ME,NH,VA
Pyridine	CT,NY,NC,ME,NH,VA
1,2,4,5-Tetrachlorobenzene	NY,NC
1,2,4-Trichlorobenzene	CT,NY,NC,ME,NH,VA
2,4,5-Trichlorophenol	CT,NY,NC,ME,NH,VA
2,4,6-Trichlorophenol	CT,NY,NC,ME,NH,VA
2-Fluorophenol	NC
2-Fluorophenol	NC

Pace Analytical Services, LLC - East Longmeadow, Ma, operates under the following certifications and accreditations:

Code	Description	Number	Expires
MA	Massachusetts DEP	M-MA100	06/30/2027
CT	Connecticut Department of Public Health	PH-0821	12/31/2026
NY	New York State Department of Health	10899 NELAP	04/1/2027
NH	New Hampshire Environmental Lab	2516 NELAP	02/5/2027
RI	Rhode Island Department of Health	LAO00373	12/30/2026
NC	North Carolina Div. of Water Quality	652	12/31/2026
NJ	New Jersey DEP	MA007	06/30/2027
ME	State of Maine	MA00100	06/9/2027
VA	Commonwealth of Virginia	460217	09/30/2026
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2027
WV	West Virginia DEP Division of Water and Waste Management	419	08/31/2026
LA	State of Louisiana Dept. of Env. Quality Office of Env. Services	05130	06/30/2027

Contact: <https://www.pacelabs.com/contact-us/contact-environmental-sciences/>

Company Name: NYS DEC

Consultant Address: 310 Dear Street B.S. (C) W. (C)

Consultant Phone: (714) 253-3100

Callout Project Name: Griffiths Pub. B&L House

Project Location: 9347 R. 212, Box 11, near E 11 mi

Callout Number:	311 Duffield Ave. Niagara Falls, NY
	154043

Site/Spill Number: 112200

Project Manager: Asim Durrani

Project manager: Harlow B. Anderson

Date Analytical Quota Name / Number:

Invoice Recipient:	Account Analytical Quote Name/Number:

Invoice recipient, Sampled By:

Sampled by: Samir Kipchoi/01/05/20

Pace Analytical	Client Sample ID / Description	Beginning Date / Time
Work Order#		

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1	3FD-7	6/16/24
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2 Div

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10/10/10	MM-62	-
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1	10/11/17	10/11/17
2	10/11/17	10/11/17
3	10/11/17	10/11/17
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Comments:

To: Elizabeth / CUSMA-Resources

مجلسه ۱۳۱۳

تلفون نمبر : 0300-271105

Relinquished by: (signature)

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6/16/26	6 ⁰⁰	AN

Received by: (signature)	Date/Time: 1/2/
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James C. Place

Relinquished by: (signature)	Date/Time: 11/11/2011 11:43
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Page	10-10	10-10
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by: (signature)  Date/Time: 11:20 1/27/03

23.	Heidi M	6-16-24	Other:
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Revised by: (signature)

Date/Time:

Project Entity

6/16/26 17-3

by: (signature)

☐	NOTED	6-6-66 17-23	☐
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Woodward

CHAIN OF CUSTODY RECORD (New York)

Page 2 of 2

Contact: <https://www.pacelabs.com/contact-us/contact-environmental-sciences/>

Company Name: **NYS DEC** Consultant: **Labella**

Consultant Address: **300 Pearl Street Buffalo NY**

Consultant Phone: **716-953-3400**

Callout Project Name: **Griffon Park Boat Ramp**

Project Location: **9347 Buffalo Ave. Niagara Falls NY**

Callout Number: **154043**

Site/Spill Number: **2602189**

Project Manager: **Andrew Beaulieu**

Pace Analytical Quote Name/Number: **Labella**

Invoice Recipient: **Labella**

Sampled By: **Gavin Krupallowski**

Request Turnaround Time

DEC Standard 30-calendar day ☐

Due Date: **6/16/26**

Rush (Prior Approval Required)

1-Day ☐ 2-Day ☐ 3-Day ☒

4-Day ☐ 5-Day ☐ 10-Day ☐

Data Delivery

Format: PDF ☒ EXCEL ☒

Other: **CLP Like (Level 4) Data Pkg Required:**

Email To: **gabriel@labella.com**

Fax To #: **Labella.com**

Pace Analytical Work Order #	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code
1	SED-1	6/16/26	1245		X	S	
2	DUP	6/16/26	0800		X	S	
3	MW-02	6/16/26	1400		X	GW	
4	DUP	6/16/26	0800		X	GW	
5	Tripp Block	6/16/26	1250			AG	
6	Tripp Block	6/16/26	1405			AG	
1	M5/MSD	6/16/26	1245		X	S	
3	M5/MSD	6/16/26	1400		X	GW	

Comments:

Continuation of first chain due to number of parameters

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) **Gavin Krupallowski** Date/Time: **6/16/26 16:30**

Received by: (signature) **Andrew Beaulieu** Date/Time: **6-16-26 16:30**

Relinquished by: (signature) **Andrew Beaulieu** Date/Time: **6-16-26 16:45**

Received by: (signature) **Andrew Beaulieu** Date/Time: **6-16-26 16:45**

Relinquished by: (signature) **Andrew Beaulieu** Date/Time: **6-16-26 17:00**

Received by: (signature) **Andrew Beaulieu** Date/Time: **6-16-26 17:00**

Relinquished by: (signature) **Andrew Beaulieu** Date/Time: **6-16-26 17:00**

Received by: (signature) **Andrew Beaulieu** Date/Time: **6-16-26 17:00**

Program & Regulatory Information

AWQ STDS ☐ NYC Sewer Discharge ☐ Part 360 GW (Landfill) ☐ NY Restricted Use ☐ NY Unrestricted Use ☐ NY Part 375 ☐

NY TOGS ☐ NY CP-51 ☐

Other: **NELAC and AIHA-LAP, LLC Accredited**

Enhanced Data Package

NYSDEC EQUIS EDD ☐

EQUIS (Standard) EDD ☐

NY Regulatory EDD ☐

NY Regs Hits-Only EDD ☐

Other: **Chromatogram** ☐ **AIHA-LAP, LLC** ☐

Project Entity

Government ☐ Federal ☐ City ☐

Municipality ☐ 21 J ☐ Brownfield ☐

MWRA ☐ School ☐ MBTA ☐

WRTA ☐

PCB ONLY

Soxhlet ☐ Non Soxhlet ☐

ENV-FRM-ELON-0001 v09 Sample Receiving Checklist

Log In Back-Sheet

Client LaBella
 Project Arifon Park Boat Ramp
 MCP/RCP Required N/A
 Deliverable Package Requirement N/A
 Location 9347 Buffalo Ave Niagara Falls NY
 PWSID# (When Applicable) N/A
 Arrival Method:
 Courier ☒ Fed Ex ☐ Walk In ☐ Other ☐
 Received By / Date / Time MEM 6/17/26 01:35
 Back-Sheet By / Date / Time AP 6/17/26 9:41
 Temperature Method Gun # 6
 WV samples: Yes (see note*) / No (follow normal procedure)
 Temp / < 6°C Actual Temperature 2.1, 0.4, 0.6, 0.3
 Rush Samples: ☒ Yes / No Notify Town
 Short Hold: Yes / ☒ No Notify _____

Notes regarding Samples/COC outside of SOP:

Some samples are labelled HCl they
are really H₂SO₄

Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy)
 Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☒	☐
Received in Cooler	☒	☐
Custody Seal: DATE TIME	☐	☒
COC Relinquished	☒	☐
COC/Samples Labels Agree	☒	☐
All Samples in Good Condition	☒	☐
Samples Received within Holding Time	☒	☐
Is there enough Volume	☒	☐
Proper Media/Container Used	☒	☐
Splitting Samples Required	☐	☒
MS/MSD	☒	☐
Trip Blanks	☒	☐
Lab to Filters	☐	☒
COC Legible	☒	☐
COC Included: (Check all included)		
Client ☒	Analysis ☒	Sampler Name ☒
Project ☒	IDs ☒	Collection Date/Time ☒
All Samples Proper pH: <u>N/A</u>	☒	☐
Samples Chlorinated: <u>N/A</u>	☐	☐

Additional Container Notes

***Note: West Virginia requires all samples to have their temperature taken. Note any outliers.**

DC# Title: ENV-FRM-ELON-0157 v01_Sample Receiving Container Sheet
Effective Date:

	Soils				Ambers Glass										Plastics										Vials										Other							
	16 (oz)	8 (oz)	4 (oz)	2 (oz)	1L			250mL			100 (mL)	Other	1L			500mL			250mL				125 (mL)	80 (mL)	Encore		8oz	Other	VOA 40mL					20mL								
					Unp.	HCl	H ₂ SO ₄	Unp.	Phos.	HCl	H ₂ SO ₄	Unp.	8oz-BR	Unp.	H ₂ SO ₄	Unp.	H ₂ SO ₄	Unp.	Triz	H ₂ SO ₄	HNO ₃	Amm. Ace	NaOH	NaOH+ZnAce	Unp.	Unp.	25g	5g	Unp.	Bag	Bac/ Col	Unp.	HCl	MeOH	DI	NaHSO ₄	H ₂ SO ₄	Asc. Acid	Unp.	HCl		
1	6	3		6																																						
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ANALYTICAL REPORT

Lab Number:	L2638810
Client:	Pace East Longmeadow, MA (METALS) 39 Spruce St. East Longmeadow, MA 01028
ATTN:	Kyle Murray
Phone:	(413) 525-2332
Project Name:	26F1604
Project Number:	26F1604
Report Date:	07/23/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 26F1604
Project Number: 26F1604

Lab Number: L2638810
Report Date: 07/23/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2638810-01	SED-1	SOIL	Not Specified	06/16/26 12:45	06/19/26
L2638810-02	DUP	SOIL	Not Specified	06/16/26 00:00	06/19/26
L2638810-03	MW-02	WATER	Not Specified	06/16/26 14:00	06/19/26
L2638810-04	DUP	WATER	Not Specified	06/16/26 00:00	06/19/26

Project Name: 26F1604
Project Number: 26F1604

Lab Number: L2638810
Report Date: 07/23/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 26F1604
Project Number: 26F1604

Lab Number: L2638810
Report Date: 07/23/26

Case Narrative (continued)

Report Revision

July 23, 2026: All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

The Total Solids results were supplied to the laboratory upon receipt.

L2638810-01: Sample containers for PFAAs via LCMSMS-Isotope Dilution were received, but not listed on the chain of custody. At the client's request, the analysis was not performed.

Total Metals

L2638810-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

The WG2231094-5/-6 MS/MSD recoveries performed on L2638810-01 do not apply for aluminum (14%/24%), calcium (MS 532%) and iron (0%) because the sample concentrations are greater than four times the spike amounts added.

The WG2231094-5/-6 MS/MSD recoveries performed on L2638810-01 are outside the acceptance criteria for magnesium (66%/55%) and zinc (69%). A post digestion spike was performed and was within acceptance criteria.

The WG2231632-3/-4 MS/MSD recoveries performed on L2638810-03 do not apply for calcium (140%), iron (170%/150%) and sodium (140%) because the sample concentrations are greater than four times the spike amounts added.

Anions by Ion Chromatography

The WG2231845-3/-4 MS/MSD recoveries performed on L2638810-03 are outside the acceptance criteria for bromide (82%); however, the associated LCS recovery is within criteria. No further action was taken.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

 Cristin Walker

Title: Technical Director/Representative

Date: 07/23/26

QC OUTLIER SUMMARY REPORT

Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
Total Metals - Mansfield Lab								
6010D	Batch QC (L2638810-01)	WG2231094-5	Aluminum, Total	MS	14	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-01)	WG2231094-5	Calcium, Total	MS	532	75-125	01-02	potential high bias
6010D	Batch QC (L2638810-01)	WG2231094-5	Iron, Total	MS	0	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-01)	WG2231094-5	Magnesium, Total	MS	66	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-01)	WG2231094-5	Zinc, Total	MS	69	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-01)	WG2231094-6	Aluminum, Total	MSD	24	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-01)	WG2231094-6	Iron, Total	MSD	0	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-01)	WG2231094-6	Magnesium, Total	MSD	55	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-01)	WG2231094-6	Zinc, Total	MSD	69	75-125	01-02	potential low bias
6010D	Batch QC (L2638810-03)	WG2231632-3	Calcium, Total	MS	140	75-125	03-04	potential high bias
6010D	Batch QC (L2638810-03)	WG2231632-3	Iron, Total	MS	170	75-125	03-04	potential high bias
6010D	Batch QC (L2638810-03)	WG2231632-3	Sodium, Total	MS	140	75-125	03-04	potential high bias
6010D	Batch QC (L2638810-03)	WG2231632-4	Calcium, Total	MSD	140	75-125	03-04	potential high bias
6010D	Batch QC (L2638810-03)	WG2231632-4	Iron, Total	MSD	150	75-125	03-04	potential high bias
6010D	Batch QC (L2638810-03)	WG2231632-4	Sodium, Total	MSD	140	75-125	03-04	potential high bias
Anions by Ion Chromatography - Westborough Lab								
300.0	Batch QC (L2638810-03)	WG2231845-3	Bromide	MS	82	90-110	03-04	potential low bias
300.0	Batch QC (L2638810-03)	WG2231845-4	Bromide	MSD	82	90-110	03-04	potential low bias

METALS

Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

SAMPLE RESULTS

Lab ID: L2638810-01

Date Collected: 06/16/26 12:45

Client ID: SED-1

Date Received: 06/19/26

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 30%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3680		mg/kg	25.6	8.32	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	12.8	9.86	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Arsenic, Total	11.1		mg/kg	2.56	1.11	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Barium, Total	571		mg/kg	2.56	0.272	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Beryllium, Total	0.250	J	mg/kg	1.28	0.141	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Cadmium, Total	3.98		mg/kg	2.56	0.141	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Calcium, Total	86300		mg/kg	25.6	14.5	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Chromium, Total	12.9		mg/kg	2.56	2.17	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Cobalt, Total	3.38	J	mg/kg	5.12	0.635	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Copper, Total	39.4		mg/kg	2.56	0.581	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Iron, Total	77100		mg/kg	64.0	20.5	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Lead, Total	142		mg/kg	12.8	0.610	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Magnesium, Total	8270		mg/kg	25.6	4.18	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Manganese, Total	320		mg/kg	2.56	1.37	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Mercury, Total	0.325		mg/kg	0.269	0.175	1	06/21/26 10:20	06/22/26 08:18	EPA 7471B	1,7471B	RJG
Nickel, Total	16.5		mg/kg	6.40	2.07	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Potassium, Total	767		mg/kg	640	130.	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	5.12	0.843	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	1.28	0.763	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Sodium, Total	2210		mg/kg	512	272.	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	5.12	2.31	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Vanadium, Total	9.54		mg/kg	2.56	0.387	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP
Zinc, Total	216		mg/kg	12.8	1.55	2	06/21/26 09:21	06/21/26 17:14	EPA 3050B	1,6010D	MRP



Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

SAMPLE RESULTS

Lab ID: L2638810-02

Date Collected: 06/16/26 00:00

Client ID: DUP

Date Received: 06/19/26

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 17%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	776		mg/kg	88.3	28.7	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Antimony, Total	ND		mg/kg	44.1	34.0	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Arsenic, Total	60.0		mg/kg	8.83	3.81	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Barium, Total	1280		mg/kg	8.83	0.936	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Beryllium, Total	ND		mg/kg	4.41	0.486	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Cadmium, Total	1.37	J	mg/kg	8.83	0.486	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Calcium, Total	88100		mg/kg	88.3	50.0	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Chromium, Total	ND		mg/kg	8.83	7.49	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Cobalt, Total	ND		mg/kg	17.6	2.19	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Copper, Total	20.5		mg/kg	8.83	2.00	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Iron, Total	275000		mg/kg	221	70.6	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Lead, Total	45.9		mg/kg	44.1	2.10	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Magnesium, Total	4670		mg/kg	88.3	14.4	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Manganese, Total	394		mg/kg	8.83	4.73	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Mercury, Total	ND		mg/kg	0.400	0.261	1	06/21/26 10:20	06/22/26 09:15	EPA 7471B	1,7471B	RJG
Nickel, Total	15.6	J	mg/kg	22.1	7.13	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Potassium, Total	676	J	mg/kg	2210	448.	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Selenium, Total	ND		mg/kg	17.6	2.90	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Silver, Total	ND		mg/kg	4.41	2.63	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Sodium, Total	5720		mg/kg	1760	936.	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Thallium, Total	ND		mg/kg	17.6	7.96	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Vanadium, Total	4.36	J	mg/kg	8.83	1.33	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP
Zinc, Total	206		mg/kg	44.1	5.35	4	06/21/26 09:21	06/21/26 19:33	EPA 3050B	1,6010D	MRP



Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

SAMPLE RESULTS

Lab ID: L2638810-03

Date Collected: 06/16/26 14:00

Client ID: MW-02

Date Received: 06/19/26

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.25		mg/l	0.100	0.0318	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Arsenic, Total	0.0066		mg/l	0.0050	0.0019	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Barium, Total	0.759		mg/l	0.0100	0.0021	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Calcium, Total	219.		mg/l	0.100	0.0350	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Chromium, Total	0.0132		mg/l	0.0100	0.0021	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Cobalt, Total	0.0042	J	mg/l	0.0200	0.0017	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Copper, Total	0.0669		mg/l	0.0100	0.0022	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Iron, Total	36.7		mg/l	0.0500	0.0090	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Lead, Total	0.0875		mg/l	0.0100	0.0027	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Magnesium, Total	39.2		mg/l	0.100	0.0153	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Manganese, Total	0.736		mg/l	0.0100	0.0016	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/26 17:20	06/22/26 23:33	EPA 7470A	1,7470A	RDB
Nickel, Total	0.0192	J	mg/l	0.0250	0.0024	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Potassium, Total	7.47		mg/l	2.50	0.237	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Sodium, Total	203.		mg/l	2.00	0.120	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Thallium, Total	0.0059	J	mg/l	0.0200	0.0025	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Vanadium, Total	0.0080	J	mg/l	0.0100	0.0020	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Zinc, Total	0.187		mg/l	0.0500	0.0021	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE
Total Hardness by SM 2340B - Mansfield Lab											
Hardness	709.		mg/l	0.660	NA	1	06/22/26 16:11	06/22/26 22:00	EPA 3005A	1,6010D	AJE



Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

SAMPLE RESULTS

Lab ID: L2638810-04

Date Collected: 06/16/26 00:00

Client ID: DUP

Date Received: 06/19/26

Sample Location: Not Specified

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1.28		mg/l	0.100	0.0318	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Arsenic, Total	0.0027	J	mg/l	0.0050	0.0019	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Barium, Total	0.725		mg/l	0.0100	0.0021	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Calcium, Total	215.		mg/l	0.100	0.0350	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Chromium, Total	0.0072	J	mg/l	0.0100	0.0021	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Cobalt, Total	0.0030	J	mg/l	0.0200	0.0017	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Copper, Total	0.0289		mg/l	0.0100	0.0022	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Iron, Total	31.4		mg/l	0.0500	0.0090	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Lead, Total	0.0401		mg/l	0.0100	0.0027	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Magnesium, Total	38.2		mg/l	0.100	0.0153	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Manganese, Total	0.696		mg/l	0.0100	0.0016	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Mercury, Total	0.00013	J	mg/l	0.00020	0.00009	1	06/22/26 17:20	06/22/26 23:43	EPA 7470A	1,7470A	RDB
Nickel, Total	0.0088	J	mg/l	0.0250	0.0024	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Potassium, Total	7.24		mg/l	2.50	0.237	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Sodium, Total	198.		mg/l	2.00	0.120	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Thallium, Total	ND		mg/l	0.0200	0.0025	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Vanadium, Total	0.0033	J	mg/l	0.0100	0.0020	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Zinc, Total	0.0894		mg/l	0.0500	0.0021	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE
Total Hardness by SM 2340B - Mansfield Lab											
Hardness	693.		mg/l	0.660	NA	1	06/22/26 16:11	06/22/26 23:33	EPA 3005A	1,6010D	AJE



Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG2231094-1										
Aluminum, Total	ND		mg/kg	4.00	1.30	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Antimony, Total	ND		mg/kg	2.00	1.54	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Arsenic, Total	ND		mg/kg	0.400	0.173	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Barium, Total	ND		mg/kg	0.400	0.042	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Beryllium, Total	ND		mg/kg	0.200	0.022	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Cadmium, Total	ND		mg/kg	0.400	0.022	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Calcium, Total	ND		mg/kg	4.00	2.27	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Chromium, Total	ND		mg/kg	0.400	0.339	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Cobalt, Total	ND		mg/kg	0.800	0.099	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Copper, Total	ND		mg/kg	0.400	0.091	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Iron, Total	ND		mg/kg	10.0	3.20	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Lead, Total	ND		mg/kg	2.00	0.095	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Magnesium, Total	ND		mg/kg	4.00	0.652	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Manganese, Total	ND		mg/kg	0.400	0.214	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Nickel, Total	ND		mg/kg	1.00	0.323	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Potassium, Total	ND		mg/kg	100	20.3	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Selenium, Total	ND		mg/kg	0.800	0.132	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Silver, Total	ND		mg/kg	0.200	0.119	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Sodium, Total	ND		mg/kg	80.0	42.4	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Thallium, Total	ND		mg/kg	0.800	0.361	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Vanadium, Total	ND		mg/kg	0.400	0.060	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP
Zinc, Total	ND		mg/kg	2.00	0.242	1	06/21/26 09:21	06/21/26 16:24	1,6010D	MRP

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG2231097-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/21/26 10:20	06/22/26 08:02	1,7471B	RJG



Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

Method Blank Analysis Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04 Batch: WG2231632-1										
Aluminum, Total	ND		mg/l	0.100	0.0318	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Antimony, Total	ND		mg/l	0.0500	0.0071	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Arsenic, Total	ND		mg/l	0.0050	0.0019	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Barium, Total	ND		mg/l	0.0100	0.0021	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Beryllium, Total	ND		mg/l	0.0050	0.0009	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Cadmium, Total	ND		mg/l	0.0050	0.0010	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Calcium, Total	ND		mg/l	0.100	0.0350	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Chromium, Total	ND		mg/l	0.0100	0.0021	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Cobalt, Total	ND		mg/l	0.0200	0.0017	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Copper, Total	ND		mg/l	0.0100	0.0022	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Iron, Total	ND		mg/l	0.0500	0.0090	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Lead, Total	ND		mg/l	0.0100	0.0027	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Magnesium, Total	ND		mg/l	0.100	0.0153	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Manganese, Total	ND		mg/l	0.0100	0.0016	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Nickel, Total	ND		mg/l	0.0250	0.0024	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Potassium, Total	ND		mg/l	2.50	0.237	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Selenium, Total	ND		mg/l	0.0100	0.0035	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Silver, Total	ND		mg/l	0.0070	0.0028	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Sodium, Total	ND		mg/l	2.00	0.120	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Thallium, Total	0.0039	J	mg/l	0.0200	0.0025	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Vanadium, Total	ND		mg/l	0.0100	0.0020	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE
Zinc, Total	ND		mg/l	0.0500	0.0021	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE

Prep Information

Digestion Method: EPA 3005A



Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Hardness by SM 2340B - Mansfield Lab for sample(s): 03-04 Batch: WG2231632-1										
Hardness	ND		mg/l	0.660	NA	1	06/22/26 16:11	06/22/26 21:56	1,6010D	AJE

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-04 Batch: WG2231635-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/26 17:20	06/22/26 23:17	1,7470A	RDB

Prep Information

Digestion Method: EPA 7470A



Lab Control Sample Analysis **Batch Quality Control**

Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2231094-2								
Aluminum, Total	102		-		80-120	-		20
Antimony, Total	107		-		80-120	-		20
Arsenic, Total	101		-		80-120	-		20
Barium, Total	106		-		80-120	-		20
Beryllium, Total	103		-		80-120	-		20
Cadmium, Total	106		-		80-120	-		20
Calcium, Total	108		-		80-120	-		20
Chromium, Total	104		-		80-120	-		20
Cobalt, Total	104		-		80-120	-		20
Copper, Total	104		-		80-120	-		20
Iron, Total	106		-		80-120	-		20
Lead, Total	106		-		80-120	-		20
Magnesium, Total	104		-		80-120	-		20
Manganese, Total	104		-		80-120	-		20
Nickel, Total	105		-		80-120	-		20
Potassium, Total	110		-		80-120	-		20
Selenium, Total	103		-		80-120	-		20
Silver, Total	102		-		80-120	-		20
Sodium, Total	110		-		80-120	-		20
Thallium, Total	103		-		80-120	-		20
Vanadium, Total	107		-		80-120	-		20

Lab Control Sample Analysis
Batch Quality Control**Project Name:** 26F1604**Project Number:** 26F1604**Lab Number:** L2638810**Report Date:** 07/23/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2231094-2					
Zinc, Total	101	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG2231097-2					
Mercury, Total	100	-	80-120	-	20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 Batch: WG2231632-2					
Aluminum, Total	102	-	80-120	-	20
Antimony, Total	98	-	80-120	-	20
Arsenic, Total	102	-	80-120	-	20
Barium, Total	104	-	80-120	-	20
Beryllium, Total	104	-	80-120	-	20
Cadmium, Total	100	-	80-120	-	20
Calcium, Total	106	-	80-120	-	20
Chromium, Total	98	-	80-120	-	20
Cobalt, Total	98	-	80-120	-	20
Copper, Total	106	-	80-120	-	20
Iron, Total	104	-	80-120	-	20
Lead, Total	99	-	80-120	-	20
Magnesium, Total	106	-	80-120	-	20
Manganese, Total	104	-	80-120	-	20
Nickel, Total	99	-	80-120	-	20
Potassium, Total	102	-	80-120	-	20
Selenium, Total	102	-	80-120	-	20
Silver, Total	100	-	80-120	-	20
Sodium, Total	103	-	80-120	-	20
Thallium, Total	104	-	80-120	-	20
Vanadium, Total	100	-	80-120	-	20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 Batch: WG2231632-2					
Zinc, Total	98	-	80-120	-	20
Total Hardness by SM 2340B - Mansfield Lab Associated sample(s): 03-04 Batch: WG2231632-2					
Hardness	106	-	80-120	-	20
Total Metals - Mansfield Lab Associated sample(s): 03-04 Batch: WG2231635-2					
Mercury, Total	97	-	80-120	-	20

Matrix Spike Analysis

Batch Quality Control

Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2231094-5 WG2231094-6 QC Sample: L2638810-01 Client ID: SED-1												
Aluminum, Total	3680	515	3750	14	Q	3800	24	Q	75-125	1		20
Antimony, Total	ND	129	109	84		104	82		75-125	5		20
Arsenic, Total	11.1	30.9	41.6	99		39.6	94		75-125	5		20
Barium, Total	571	515	1120	106		1070	98		75-125	5		20
Beryllium, Total	0.250J	12.9	13.4	104		12.9	102		75-125	4		20
Cadmium, Total	3.98	13.6	16.8	94		16.8	95		75-125	0		20
Calcium, Total	86300	2580	100000	532	Q	89000	106		75-125	12		20
Chromium, Total	12.9	51.5	63.3	98		62.5	98		75-125	1		20
Cobalt, Total	3.38J	129	130	101		126	99		75-125	3		20
Copper, Total	39.4	64.4	102	97		100	96		75-125	2		20
Iron, Total	77100	258	72700	0	Q	70000	0	Q	75-125	4		20
Lead, Total	142	136	260	86		255	84		75-125	2		20
Magnesium, Total	8270	2580	9970	66	Q	9670	55	Q	75-125	3		20
Manganese, Total	320	129	445	97		418	77		75-125	6		20
Nickel, Total	16.5	129	142	97		138	96		75-125	3		20
Potassium, Total	767	2580	3500	106		3380	103		75-125	3		20
Selenium, Total	ND	30.9	33.9	110		32.7	108		75-125	4		20
Silver, Total	ND	12.9	12.0	93		11.5	91		75-125	4		20
Sodium, Total	2210	2580	5070	111		4920	107		75-125	3		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2231094-5 WG2231094-6 QC Sample: L2638810-01 Client ID: SED-1												
Thallium, Total	ND	30.9	31.6	102		30.3	100		75-125	4		20
Vanadium, Total	9.54	129	144	104		140	103		75-125	3		20
Zinc, Total	216	129	305	69	Q	304	69	Q	75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG2231097-5 WG2231097-6 QC Sample: L2638810-01 Client ID: SED-1												
Mercury, Total	0.325	5.56	5.77	98		5.31	96		80-120	8		20

Matrix Spike Analysis **Batch Quality Control**

Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG2231632-3 WG2231632-4 QC Sample: L2638810-03 Client ID: MW-02												
Aluminum, Total	3.25	2	5.55	115		5.42	108		75-125	2		20
Antimony, Total	ND	0.5	0.446	89		0.442	88		75-125	1		20
Arsenic, Total	0.0066	0.12	0.129	102		0.130	103		75-125	1		20
Barium, Total	0.759	2	2.83	104		2.80	102		75-125	1		20
Beryllium, Total	ND	0.05	0.0522	104		0.0514	103		75-125	2		20
Cadmium, Total	ND	0.053	0.0504	95		0.0497	94		75-125	1		20
Calcium, Total	219.	10	233	140	Q	233	140	Q	75-125	0		20
Chromium, Total	0.0132	0.2	0.209	98		0.204	95		75-125	2		20
Cobalt, Total	0.0042J	0.5	0.490	98		0.483	97		75-125	1		20
Copper, Total	0.0669	0.25	0.347	112		0.343	110		75-125	1		20
Iron, Total	36.7	1	38.4	170	Q	38.2	150	Q	75-125	1		20
Lead, Total	0.0875	0.53	0.614	99		0.616	100		75-125	0		20
Magnesium, Total	39.2	10	50.1	109		49.9	107		75-125	0		20
Manganese, Total	0.736	0.5	1.27	107		1.26	105		75-125	1		20
Nickel, Total	0.0192J	0.5	0.510	102		0.502	100		75-125	2		20
Potassium, Total	7.47	10	18.2	107		18.4	109		75-125	1		20
Selenium, Total	ND	0.12	0.118	98		0.121	101		75-125	3		20
Silver, Total	ND	0.05	0.0530	106		0.0525	105		75-125	1		20
Sodium, Total	203.	10	217	140	Q	217	140	Q	75-125	0		20

Matrix Spike Analysis

Batch Quality Control

Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG2231632-3 WG2231632-4 QC Sample: L2638810-03 Client ID: MW-02												
Thallium, Total	0.0059J	0.12	0.126	105		0.128	107		75-125	2		20
Vanadium, Total	0.0080J	0.5	0.515	103		0.509	102		75-125	1		20
Zinc, Total	0.187	0.5	0.667	96		0.657	94		75-125	2		20
Total Hardness by SM 2340B - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG2231632-3 WG2231632-4 QC Sample: L2638810-03 Client ID: MW-02												
Hardness	709.	66.2	788	119		787	118		75-125	0		20
Total Metals - Mansfield Lab Associated sample(s): 03-04 QC Batch ID: WG2231635-5 WG2231635-6 QC Sample: L2638810-03 Client ID: MW-02												
Mercury, Total	ND	0.005	0.00477	95		0.00475	95		75-125	0		20

INORGANICS & MISCELLANEOUS

Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

SAMPLE RESULTS

Lab ID: L2638810-01

Client ID: SED-1

Sample Location: Not Specified

Date Collected: 06/16/26 12:45

Date Received: 06/19/26

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	29.8		%	0.100	NA	1	-		121,2540G	
Chloride	2300		mg/kg	67	12.	1	-	06/22/26 16:57	1,9251	JER
Sulfate	70	J	mg/kg	340	46.	1	-	06/22/26 15:30	1,9038	MRW



Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

SAMPLE RESULTS

Lab ID: L2638810-02

Client ID: DUP

Sample Location: Not Specified

Date Collected: 06/16/26 00:00

Date Received: 06/19/26

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	17.4		%	0.100	NA	1	-		121,2540G	
Chloride	7100		mg/kg	1100	210	10	-	06/22/26 17:53	1,9251	JER
Sulfate	88	J	mg/kg	570	78.	1	-	06/22/26 15:30	1,9038	MRW



Project Name: 26F1604

Project Number: 26F1604

Lab Number: L2638810

Report Date: 07/23/26

SAMPLE RESULTS

Lab ID: L2638810-03

Client ID: MW-02

Sample Location: Not Specified

Date Collected: 06/16/26 14:00

Date Received: 06/19/26

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.206		mg/l	0.050	0.013	1	-	06/22/26 20:16	44,300.0	AU,



Project Name: 26F1604**Project Number:** 26F1604**Lab Number:** L2638810**Report Date:** 07/23/26**SAMPLE RESULTS****Lab ID:** L2638810-04**Client ID:** DUP**Sample Location:** Not Specified**Date Collected:** 06/16/26 00:00**Date Received:** 06/19/26**Field Prep:** Not Specified**Sample Depth:****Matrix:** Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Anions by Ion Chromatography - Westborough Lab										
Bromide	0.195		mg/l	0.050	0.013	1	-	06/22/26 20:29	44,300.0	AU,



Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

Method Blank Analysis Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG2231596-1										
Sulfate	24	J	mg/kg	100	14.	1	-	06/22/26 15:30	1,9038	MRW
General Chemistry - Westborough Lab for sample(s): 01-02 Batch: WG2231601-1										
Chloride	6.1	J	mg/kg	20	0.37	1	-	06/22/26 16:56	1,9251	JER
Anions by Ion Chromatography - Westborough Lab for sample(s): 03-04 Batch: WG2231845-1										
Bromide	ND		mg/l	0.050	0.013	1	-	06/22/26 18:28	44,300.0	AU,



Lab Control Sample Analysis
Batch Quality Control**Project Name:** 26F1604**Project Number:** 26F1604**Lab Number:** L2638810**Report Date:** 07/23/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG2231596-2								
Sulfate	111		-		80-121	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 Batch: WG2231601-2								
Chloride	102		-		89-109	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 03-04 Batch: WG2231845-2								
Bromide	93		-		90-110	-		

Matrix Spike Analysis **Batch Quality Control**

Project Name: 26F1604

Lab Number: L2638810

Project Number: 26F1604

Report Date: 07/23/26

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2231596-4 QC Sample: L2638810-01 Client ID: SED-1												
Sulfate	70J	657	790	120		-	-		22-183	-		
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG2231601-4 QC Sample: L2638810-01 Client ID: SED-1												
Chloride	2300	1330	3200	68		-	-		62-129	-		
Anions by Ion Chromatography - Westborough Lab Associated sample(s): 03-04 QC Batch ID: WG2231845-3 WG2231845-4 QC Sample: L2638810-03 Client ID: MW-02												
Bromide	0.206	0.4	0.533	82	Q	0.537	82	Q	90-110	1		20

Lab Duplicate Analysis
*Batch Quality Control***Project Name:** 26F1604**Project Number:** 26F1604**Lab Number:** L2638810**Report Date:** 07/23/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab	Associated sample(s): 01-02	QC Batch ID: WG2231596-3	QC Sample: L2638810-01	Client ID: SED-1		
Sulfate	70J	52J	mg/kg	NC		12
General Chemistry - Westborough Lab	Associated sample(s): 01-02	QC Batch ID: WG2231601-3	QC Sample: L2638810-01	Client ID: SED-1		
Chloride	2300	2300	mg/kg	0		35

Project Name: 26F1604**Lab Number:** L2638810**Project Number:** 26F1604**Report Date:** 07/23/26**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2638810-01A	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		CL-9251(28),SO4-9038(28)
L2638810-01B	Glass 60ml unpreserved split	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2638810-01D	Plastic 250ml unpreserved	NA	NA			Y	Absent		ARCHIVE()
L2638810-02A	Glass 250ml/8oz unpreserved	NA	NA			Y	Absent		CL-9251(28),SO4-9038(28)
L2638810-02B	Glass 60ml unpreserved split	NA	NA			Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),NA-TI(180),CA-TI(180),K-TI(180),CD-TI(180)
L2638810-03A	Plastic 250ml HNO3 preserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),HARDT(180),K-TI(180),NA-TI(180),CD-TI(180)
L2638810-03A1	Plastic 250ml HNO3 preserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),HARDT(180),K-TI(180),NA-TI(180),CD-TI(180)

Project Name: 26F1604**Lab Number:** L2638810**Project Number:** 26F1604**Report Date:** 07/23/26**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2638810-03A2	Plastic 250ml HNO3 preserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),CA-TI(180),HARDT(180),K-TI(180),NA-TI(180),CD-TI(180)
L2638810-03B	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)
L2638810-03B1	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)
L2638810-03B2	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)
L2638810-03C	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)
L2638810-03C1	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)
L2638810-03C2	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)
L2638810-04A	Plastic 250ml HNO3 preserved	NA	NA			Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),K-TI(180),CD-TI(180),HARDT(180),NA-TI(180)
L2638810-04B	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)
L2638810-04C	Plastic 250ml unpreserved	NA	NA			Y	Absent		BR-300(28)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenzo(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

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Data Qualifiers

estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.
- 44 Methods for the Determination of Inorganic Substances in Environmental Samples, EPA/600/R-93/100, August 1993.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; **SCM:** Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; **SCM:** Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NO₂, NO₃.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.

EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.

EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.

EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran, 1,3,5-Trichlorobenzene, Freon-113.

EPA 8270E: NPW: Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.

EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.

EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.

SM4500: NPW: Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH₃, NECi: NO₂, NO₃, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**

EPA 504.1: EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1 Hg. EPA 522, EPA 537.1.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

ENV-FORM-WES2-0065 v03 Certificate/Approval Program Summary

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO₃, NO₂, FI, Cl, SO₄. **NECI Reductase:** NO₃, NO₂.

SM4500F-C, SM4500CI-B, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9223-P/A: TC/EC; **SM9223B-Colilert-enumeration:** TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, SM4500NH3-B, C, EPA 350.1, NECi: NO₃, **SM4500NH3-B, C: TKN, SM4500P-E:** Ortho Phosphate, **SM4500P-B, E:** Total Phosphorus, **EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0:** Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NV MA00030, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028

CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

SUBCONTRACT CHAIN OF CUSTODY

Pace New England

26F1604

L2638810

SENDING LABORATORY:

Pace New England
39 Spruce Street
East Longmeadow, MA 01028
Phone: 413.525.2332
Fax: 413.525.6405
Project Manager: Kyle A. Murray

RECEIVING LABORATORY:

Pace Westborough, MA
8 Walkup Drive
Westborough, MA 01581
Phone : (508) 898-9220
Fax: (508) 898-9193

Project Location: New York

PWSID#:

Analysis	Sample Name	Due	Expires	Comments
Sample ID: 26F1604-01 SED-1	Soil		Sampled: 06/16/26 12:45	MS MSD
S-MS/MSD Metal(s)	06/22/26 14:00	06/11/27 12:45	NYDEC EQUIS EDD REQ. CAT A, Rpt to RL	
SG-TAL 23 Metals 6010 (incl. Hg) Total	06/22/26 14:00	06/23/26 12:45	NYDEC EQUIS EDD REQ. CAT A, Rpt to RL	
S-Sulfate	06/22/26 14:00	07/14/26 12:45	NYDEC EQUIS EDD REQ. CAT A, Rpt to RL	
S-MS/MSD Sulfate	06/22/26 14:00	06/11/27 12:45	NYDEC EQUIS EDD REQ. CAT A, Rpt to RL	
S-Chloride EPA 300.0	06/22/26 14:00	07/14/26 12:45	NYDEC EQUIS EDD REQ. CAT A, Rpt to RL	
S-Metals Digestion	06/22/26 14:00	06/30/26 12:45	NYDEC EQUIS EDD REQ. CAT A, Rpt to RL	
S-MS/MSD Chloride	06/22/26 14:00	06/11/27 12:45	NYDEC EQUIS EDD REQ. CAT A, Rpt to RL	

Containers Supplied:

8 oz amber glass jar (F)

Sample ID: 26F1604-02 DUP	Soil		Sampled: 06/16/26 00:00	
S-Metals Digestion	06/22/26 14:00	06/30/26 00:00	NYDEC EQUIS EDD REQ. CAT A, RL	
SG-TAL 23 Metals 6010 (incl. Hg) Total	06/22/26 14:00	06/23/26 00:00	NYDEC EQUIS EDD REQ. CAT A, RL	
S-Chloride EPA 300.0	06/22/26 14:00	07/14/26 00:00	NYDEC EQUIS EDD REQ. CAT A, RL	
S-Sulfate	06/22/26 14:00	07/14/26 00:00	NYDEC EQUIS EDD REQ. CAT A, RL	

Containers Supplied:

2 oz amber glass jar (E)

Released By

Date

Received By

Date

Released By

Date

Received By

Date

SUBCONTRACT CHAIN OF CUSTODY

Pace New England

26F1604

L2638810



Analysis	Sample Name	Due	Expires	Comments
Sample ID: 26F1604-03 MW-02		Water	Sampled: 06/16/26 14:00	MS MSD
S-MS/MSD Metal(s)		06/22/26 14:00	06/11/27 14:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
S-Hardness by Calculation 6010B		06/22/26 14:00	09/14/26 14:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
S-Metals Digestion		06/22/26 14:00	06/30/26 14:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
S-Bromide		06/22/26 14:00	07/14/26 14:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
SG-TAL 23 Metals 6010 (incl. Hg) Total		06/22/26 14:00	06/23/26 14:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
<i>Containers Supplied:</i>				
250 mL plastic Unpreserv; 250 mL plastic + HNO3 (C 250 mL plastic + HNO3 (C 250 mL plastic + HNO3 (C				

Sample ID: 26F1604-04 DUP		Water	Sampled: 06/16/26 00:00	
S-Metals Digestion		06/22/26 14:00	06/30/26 00:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
S-Bromide		06/22/26 14:00	07/14/26 00:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
SG-TAL 23 Metals 6010 (incl. Hg) Total		06/22/26 14:00	06/23/26 00:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
S-Hardness by Calculation 6010B		06/22/26 14:00	09/14/26 00:00	NYDEC EQUIS EDD REQ. CAT A, rpt to RL
<i>Containers Supplied:</i>				
250 mL plastic + HNO3 (C 250 mL plastic Unpreserv;				

Released By: *E. J. P.* Date: *6-19-26 15:36* Received By: *V. M. L.* Date: *6-19-26 15:36*
 Released By: *V. M. L.* Date: *6-19-26 21:00* Received By: *[Signature]* Date: *6/19/26 2100*

Pace Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

URL: /www.pacelabs.com
CHAIN OF CUSTODY RECORD (New York)

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Contact: <https://www.pacelabs.com/contact-us/contact-environmental-sciences/>

Consultant Address: 300 Pearl Street Buffalo NY 14202

Consultant Phone: (716) 853-3400

Project Location: 9347 Buffalo Ave. Niagara Falls NY

Calcut Number: 154043

Site/Spill Number: 9602199

Project Manager: Andrew Benklemen

Pace Analytical Quote Name/Number:

Invoice Recipient:

Sampled By: Gavin Kopidowski

Pace Analytical Work Order #	Client Sample ID / Description	Beginning Date / Time	Ending Date / Time	Composite	Grid	Matrix Code	Conc Code	Analysis Requested (Circle Requested Analytes/Reporting Unit)	# of Containers	Preservation Code	Container Code
1	SED-1	6/16/2012 12:45		X	S			8260: DER TCL Oxygenates CP-51 270: DER TCL CH-51 1,4-Dioxane SIM 8082 PCBs 8081 Pesticide 8151 Herbicide TCLP RCRA 8 Metals PFAS 1633 PFAS 537 ID Total Solids SM 2540 SVOC (8270E/8270E SM) PAHs - EPA 8270E Aromatic N-Hrogen 3501 EPA 300.0 Chloride			
2	DUP	6/16/2012 00:00		X	S						
3	MW-02	6/16/2012 14:00		X	GW						
4	DUP	6/16/2012 00:00		X	GW						
5	Trip Blank	6/16/2012 12:50			QC						
6	Trip Blank	6/16/2012 14:05			QC						
1	MSI MS1D	6/16/2012 13:15		X	S						
3	MSI MS1D	6/16/2012 14:20		X	GW						

Comments:

Trip Blank & PFAS via LCHMS-Isotope dilution
Settlement: Total organic carbon - EPA 9060, Sulfate EPA 9033, Chloride 9251

Relinquished by: (signature) Gavin Kopidowski

Relinquished by: (signature) [Signature]

Relinquished by: (signature) [Signature]

Relinquished by: (signature) [Signature]

Relinquished by: (signature) [Signature]

Relinquished by: (signature) [Signature]

Relinquished by: (signature) [Signature]

Additional Parameters

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Container Codes:
A - Amber Glass
G - Glass
P - Plastic
ST - Sterile
V - Vial
S - Summa Canister
T - Tedlar Bag
O - Other (please define)

Preservation Codes:
I - Iced
H - HCL
M - Methanol
N - Nitric Acid
S - Sulfuric Acid
B - Sodium Bisulfate
X - Sodium Hydroxide
T - Sodium Thiosulfate
O - Other (please define)

Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

Project Entity:
☐ Government ☐ Municipality ☐ MWRA ☐ WATA
☐ Federal ☐ 21 J ☐ School ☐ MTA
☐ City ☐ Brownfield

Other:
☐ Chromatogram ☐ AHA-LAP, LLC ☐ Non Soxhlet

PCB ONLY:
☐ Soxhlet ☐ Non Soxhlet



Sample Delivery Group Summary

Pace Job Number : L2638810

Received : 19-JUN-2026

Reviewer : Andrew Kussmaul

Account Name : Pace East Longmeadow, MA (METALS)

Project Number : 26F1604

Project Name : 26F1604

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.2	

Condition Information

- | | |
|---|-----|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies?
L2638810-01D (ARCHIVE) was received in extra container. | YES |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|----|
| 1) Reagent Water Vials Frozen by Client? | NA |
|--|----|