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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 1 10:44

Lab File ID: BM048249.D Init. Calib. Date(s):

EPA Sample No.: SSTD020188 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.000	0.010	0.0	40.0
Benzaldehyde	0.850	0.000	0.010	0.0	40.0
Pyridine	1.509	0.000	0.010	0.0	40.0
Phenol	1.789	0.000	0.080	0.0	20.0
Bis(2-Chloroethyl)ether	1.430	0.000	0.100	0.0	20.0
2-Chlorophenol	1.435	0.000	0.200	0.0	20.0
2-Methylphenol	1.346	0.000	0.010	0.0	20.0
2,2-oxybis(1-Chloropropane)	2.185	0.000	0.010	0.0	40.0
Acetophenone	2.173	0.000	0.060	0.0	20.0
4-Methylphenol	1.486	0.000	0.010	0.0	20.0
N-Nitroso-di-n-propylamine	1.114	0.000	0.050	0.0	30.0
Hexachloroethane	0.605	0.000	0.100	0.0	20.0
Nitrobenzene	0.381	0.000	0.050	0.0	25.0
Isophorone	0.738	0.000	0.050	0.0	25.0
2-Nitrophenol	0.195	0.000	0.050	0.0	25.0
2,4-Dimethylphenol	0.357	0.000	0.050	0.0	25.0
Bis(2-Chloroethoxy)methane	0.458	0.000	0.050	0.0	20.0
2,4-Dichlorophenol	0.332	0.000	0.060	0.0	20.0
Naphthalene	1.117	0.000	0.200	0.0	20.0
4-Chloroaniline	0.436	0.000	0.010	0.0	40.0
Hexachlorobutadiene	0.221	0.000	0.040	0.0	30.0
Caprolactam	0.106	0.000	0.010	0.0	40.0
4-Chloro-3-methylphenol	0.334	0.000	0.040	0.0	25.0
1-Methylnaphthalene	0.764	0.000	0.100	0.0	20.0
2-Methylnaphthalene	0.753	0.000	0.100	0.0	20.0
Hexachlorocyclopentadiene	0.379	0.000	0.010	0.0	40.0
2,4,6-Trichlorophenol	0.409	0.000	0.090	0.0	25.0
2,4,5-Trichlorophenol	0.432	0.000	0.100	0.0	25.0
1,1-Biphenyl	1.534	0.000	0.200	0.0	20.0
2-Chloronaphthalene	1.189	0.000	0.300	0.0	20.0
2-Nitroaniline	0.329	0.000	0.050	0.0	40.0
Dimethylphthalate	1.499	0.000	0.300	0.0	20.0
2,6-Dinitrotoluene	0.291	0.000	0.080	0.0	30.0
Acenaphthylene	1.841	0.000	0.400	0.0	20.0
3-Nitroaniline	0.307	0.000	0.010	0.0	40.0
Acenaphthene	1.306	0.000	0.200	0.0	20.0
2,4-Dinitrophenol	0.198	0.000	0.010	0.0	40.0
4-Nitrophenol	0.200	0.000	0.010	0.0	40.0
Dibenzofuran	1.797	0.000	0.300	0.0	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 1 10:44

Lab File ID: BM048249.D Init. Calib. Date(s):

EPA Sample No.: SSTD020188 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.000	0.070	0.0	30.0
Diethylphthalate	1.508	0.000	0.300	0.0	20.0
Fluorene	1.431	0.000	0.200	0.0	20.0
4-Chlorophenyl-phenylether	0.718	0.000	0.100	0.0	20.0
4-Nitroaniline	0.278	0.000	0.010	0.0	40.0
4,6-Dinitro-2-methylphenol	0.142	0.000	0.010	0.0	40.0
N-Nitrosodiphenylamine	0.597	0.000	0.050	0.0	20.0
1,2,4,5-Tetrachlorobenzene	0.633	0.000	0.100	0.0	20.0
4-Bromophenyl-phenylether	0.218	0.000	0.070	0.0	20.0
Hexachlorobenzene	0.261	0.000	0.050	0.0	25.0
Atrazine	0.204	0.000	0.010	0.0	25.0
Pentachlorophenol	0.165	0.000	0.010	0.0	40.0
Phenanthrene	1.107	0.000	0.200	0.0	20.0
Pentachlorobenzene	0.322	0.000	0.050	0.0	20.0
Anthracene	1.108	0.000	0.200	0.0	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.000	0.050	0.0	20.0
Carbazole	0.973	0.000	0.050	0.0	40.0
Di-n-butylphthalate	1.279	0.000	0.500	0.0	25.0
Fluoranthene	1.412	0.000	0.400	0.0	25.0
Pyrene	1.514	0.000	0.400	0.0	25.0
Butylbenzylphthalate	0.626	0.000	0.100	0.0	40.0
3,3-Dichlorobenzidine	0.436	0.000	0.010	0.0	40.0
Benzo(a)anthracene	1.442	0.000	0.300	0.0	30.0
Chrysene	1.356	0.000	0.200	0.0	30.0
Bis(2-ethylhexyl)phthalate	0.902	0.000	0.200	0.0	40.0
Di-n-octyl phthalate	1.496	0.000	0.010	0.0	40.0
Benzo(b)fluoranthene	1.276	0.000	0.200	0.0	25.0
Benzo(k)fluoranthene	1.278	0.000	0.200	0.0	25.0
Benzo(a)pyrene	1.161	0.000	0.200	0.0	20.0
Indeno(1,2,3-cd)pyrene	1.398	0.000	0.200	0.0	25.0
Dibenzo(a,h)anthracene	1.144	0.000	0.200	0.0	30.0
Benzo(g,h,i)perylene	1.073	0.000	0.200	0.0	30.0
2,3,4,6-Tetrachlorophenol	0.370	0.000	0.040	0.0	20.0
1,4-Dioxane-d8	0.508	0.000	0.010	0.0	25.0
Pyridine-d5	1.472	0.000	0.010	0.0	40.0
Phenol-d5	1.718	0.000	0.010	0.0	25.0
Bis-(2-Chloroethyl)ether-d8	1.064	0.000	0.050	0.0	25.0
2-Chlorophenol-d4	1.397	0.000	0.200	0.0	20.0
4-Methylphenol-d8	1.380	0.000	0.010	0.0	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 1 10:44

Lab File ID: BM048249.D Init. Calib. Date(s):

EPA Sample No.: SSTD020188 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.000	0.050	0.0	20.0
2-Nitrophenol-d4	0.178	0.000	0.050	0.0	30.0
2,4-Dichlorophenol-d3	0.324	0.000	0.060	0.0	20.0
4-Chloroaniline-d4	0.450	0.000	0.010	0.0	40.0
Dimethylphthalate-d6	1.495	0.000	0.300	0.0	20.0
Acenaphthylene-d8	1.685	0.000	0.400	0.0	20.0
4-Nitrophenol-d4	0.273	0.000	0.010	0.0	40.0
Fluorene-d10	1.263	0.000	0.100	0.0	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.000	0.010	0.0	40.0
Anthracene-d10	0.946	0.000	0.300	0.0	20.0
Pyrene-d10	1.214	0.000	0.300	0.0	25.0
Benzo(a)pyrene-d12	1.055	0.000	0.010	0.0	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 1 20:33

Lab File ID: BM048263.D Init. Calib. Date(s):

EPA Sample No.: SSTD020189 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.000	0.010	0.0	40.0
Benzaldehyde	0.850	0.000	0.010	0.0	40.0
Pyridine	1.509	0.000	0.010	0.0	40.0
Phenol	1.789	0.000	0.080	0.0	20.0
Bis(2-Chloroethyl)ether	1.430	0.000	0.100	0.0	20.0
2-Chlorophenol	1.435	0.000	0.200	0.0	20.0
2-Methylphenol	1.346	0.000	0.010	0.0	20.0
2,2-oxybis(1-Chloropropane)	2.185	0.000	0.010	0.0	40.0
Acetophenone	2.173	0.000	0.060	0.0	20.0
4-Methylphenol	1.486	0.000	0.010	0.0	20.0
N-Nitroso-di-n-propylamine	1.114	0.000	0.050	0.0	30.0
Hexachloroethane	0.605	0.000	0.100	0.0	20.0
Nitrobenzene	0.381	0.000	0.050	0.0	25.0
Isophorone	0.738	0.000	0.050	0.0	25.0
2-Nitrophenol	0.195	0.000	0.050	0.0	25.0
2,4-Dimethylphenol	0.357	0.000	0.050	0.0	25.0
Bis(2-Chloroethoxy)methane	0.458	0.000	0.050	0.0	20.0
2,4-Dichlorophenol	0.332	0.000	0.060	0.0	20.0
Naphthalene	1.117	0.000	0.200	0.0	20.0
4-Chloroaniline	0.436	0.000	0.010	0.0	40.0
Hexachlorobutadiene	0.221	0.000	0.040	0.0	30.0
Caprolactam	0.106	0.000	0.010	0.0	40.0
4-Chloro-3-methylphenol	0.334	0.000	0.040	0.0	25.0
1-Methylnaphthalene	0.764	0.000	0.100	0.0	20.0
2-Methylnaphthalene	0.753	0.000	0.100	0.0	20.0
Hexachlorocyclopentadiene	0.379	0.000	0.010	0.0	40.0
2,4,6-Trichlorophenol	0.409	0.000	0.090	0.0	25.0
2,4,5-Trichlorophenol	0.432	0.000	0.100	0.0	25.0
1,1-Biphenyl	1.534	0.000	0.200	0.0	20.0
2-Chloronaphthalene	1.189	0.000	0.300	0.0	20.0
2-Nitroaniline	0.329	0.000	0.050	0.0	40.0
Dimethylphthalate	1.499	0.000	0.300	0.0	20.0
2,6-Dinitrotoluene	0.291	0.000	0.080	0.0	30.0
Acenaphthylene	1.841	0.000	0.400	0.0	20.0
3-Nitroaniline	0.307	0.000	0.010	0.0	40.0
Acenaphthene	1.306	0.000	0.200	0.0	20.0
2,4-Dinitrophenol	0.198	0.000	0.010	0.0	40.0
4-Nitrophenol	0.200	0.000	0.010	0.0	40.0
Dibenzofuran	1.797	0.000	0.300	0.0	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 1 20:33

Lab File ID: BM048263.D Init. Calib. Date(s):

EPA Sample No.: SSTD020189 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.000	0.070	0.0	30.0
Diethylphthalate	1.508	0.000	0.300	0.0	20.0
Fluorene	1.431	0.000	0.200	0.0	20.0
4-Chlorophenyl-phenylether	0.718	0.000	0.100	0.0	20.0
4-Nitroaniline	0.278	0.000	0.010	0.0	40.0
4,6-Dinitro-2-methylphenol	0.142	0.000	0.010	0.0	40.0
N-Nitrosodiphenylamine	0.597	0.000	0.050	0.0	20.0
1,2,4,5-Tetrachlorobenzene	0.633	0.000	0.100	0.0	20.0
4-Bromophenyl-phenylether	0.218	0.000	0.070	0.0	20.0
Hexachlorobenzene	0.261	0.000	0.050	0.0	25.0
Atrazine	0.204	0.000	0.010	0.0	25.0
Pentachlorophenol	0.165	0.000	0.010	0.0	40.0
Phenanthrene	1.107	0.000	0.200	0.0	20.0
Pentachlorobenzene	0.322	0.000	0.050	0.0	20.0
Anthracene	1.108	0.000	0.200	0.0	20.0
1,2,3,4-Tetrachlorobenzene	0.317	0.000	0.050	0.0	20.0
Carbazole	0.973	0.000	0.050	0.0	40.0
Di-n-butylphthalate	1.279	0.000	0.500	0.0	25.0
Fluoranthene	1.412	0.000	0.400	0.0	25.0
Pyrene	1.514	0.000	0.400	0.0	25.0
Butylbenzylphthalate	0.626	0.000	0.100	0.0	40.0
3,3-Dichlorobenzidine	0.436	0.000	0.010	0.0	40.0
Benzo(a)anthracene	1.442	0.000	0.300	0.0	30.0
Chrysene	1.356	0.000	0.200	0.0	30.0
Bis(2-ethylhexyl)phthalate	0.902	0.000	0.200	0.0	40.0
Di-n-octyl phthalate	1.496	0.000	0.010	0.0	40.0
Benzo(b)fluoranthene	1.276	0.000	0.200	0.0	25.0
Benzo(k)fluoranthene	1.278	0.000	0.200	0.0	25.0
Benzo(a)pyrene	1.161	0.000	0.200	0.0	20.0
Indeno(1,2,3-cd)pyrene	1.398	0.000	0.200	0.0	25.0
Dibenzo(a,h)anthracene	1.144	0.000	0.200	0.0	30.0
Benzo(g,h,i)perylene	1.073	0.000	0.200	0.0	30.0
2,3,4,6-Tetrachlorophenol	0.370	0.000	0.040	0.0	20.0
1,4-Dioxane-d8	0.508	0.000	0.010	0.0	25.0
Pyridine-d5	1.472	0.000	0.010	0.0	40.0
Phenol-d5	1.718	0.000	0.010	0.0	25.0
Bis-(2-Chloroethyl)ether-d8	1.064	0.000	0.050	0.0	25.0
2-Chlorophenol-d4	1.397	0.000	0.200	0.0	20.0
4-Methylphenol-d8	1.380	0.000	0.010	0.0	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/28/2024 1 20:33

Lab File ID: BM048263.D Init. Calib. Date(s):

EPA Sample No.: SSTD020189 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.000	0.050	0.0	20.0
2-Nitrophenol-d4	0.178	0.000	0.050	0.0	30.0
2,4-Dichlorophenol-d3	0.324	0.000	0.060	0.0	20.0
4-Chloroaniline-d4	0.450	0.000	0.010	0.0	40.0
Dimethylphthalate-d6	1.495	0.000	0.300	0.0	20.0
Acenaphthylene-d8	1.685	0.000	0.400	0.0	20.0
4-Nitrophenol-d4	0.273	0.000	0.010	0.0	40.0
Fluorene-d10	1.263	0.000	0.100	0.0	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.000	0.010	0.0	40.0
Anthracene-d10	0.946	0.000	0.300	0.0	20.0
Pyrene-d10	1.214	0.000	0.300	0.0	25.0
Benzo(a)pyrene-d12	1.055	0.000	0.010	0.0	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 07:41

Lab File ID: BM048279.D Init. Calib. Date(s):

EPA Sample No.: SSTD020190 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.000	0.010	0.0	50.0
Benzaldehyde	0.850	0.000	0.010	0.0	50.0
Pyridine	1.509	0.000	0.010	0.0	50.0
Phenol	1.789	0.000	0.080	0.0	50.0
Bis(2-Chloroethyl)ether	1.430	0.000	0.100	0.0	50.0
2-Chlorophenol	1.435	0.000	0.200	0.0	50.0
2-Methylphenol	1.346	0.000	0.010	0.0	50.0
2,2-oxybis(1-Chloropropane)	2.185	0.000	0.010	0.0	50.0
Acetophenone	2.173	0.000	0.060	0.0	50.0
4-Methylphenol	1.486	0.000	0.010	0.0	50.0
N-Nitroso-di-n-propylamine	1.114	0.000	0.050	0.0	50.0
Hexachloroethane	0.605	0.000	0.100	0.0	50.0
Nitrobenzene	0.381	0.000	0.050	0.0	50.0
Isophorone	0.738	0.000	0.050	0.0	50.0
2-Nitrophenol	0.195	0.000	0.050	0.0	50.0
2,4-Dimethylphenol	0.357	0.000	0.050	0.0	50.0
Bis(2-Chloroethoxy)methane	0.458	0.000	0.050	0.0	50.0
2,4-Dichlorophenol	0.332	0.000	0.060	0.0	50.0
Naphthalene	1.117	0.000	0.200	0.0	50.0
4-Chloroaniline	0.436	0.000	0.010	0.0	50.0
Hexachlorobutadiene	0.221	0.000	0.040	0.0	50.0
Caprolactam	0.106	0.000	0.010	0.0	50.0
4-Chloro-3-methylphenol	0.334	0.000	0.040	0.0	50.0
1-Methylnaphthalene	0.764	0.000	0.100	0.0	50.0
2-Methylnaphthalene	0.753	0.000	0.100	0.0	50.0
Hexachlorocyclopentadiene	0.379	0.000	0.010	0.0	50.0
2,4,6-Trichlorophenol	0.409	0.000	0.090	0.0	50.0
2,4,5-Trichlorophenol	0.432	0.000	0.100	0.0	50.0
1,1-Biphenyl	1.534	0.000	0.200	0.0	50.0
2-Chloronaphthalene	1.189	0.000	0.300	0.0	50.0
2-Nitroaniline	0.329	0.000	0.050	0.0	50.0
Dimethylphthalate	1.499	0.000	0.300	0.0	50.0
2,6-Dinitrotoluene	0.291	0.000	0.080	0.0	50.0
Acenaphthylene	1.841	0.000	0.400	0.0	50.0
3-Nitroaniline	0.307	0.000	0.010	0.0	50.0
Acenaphthene	1.306	0.000	0.200	0.0	50.0
2,4-Dinitrophenol	0.198	0.000	0.010	0.0	50.0
4-Nitrophenol	0.200	0.000	0.010	0.0	50.0
Dibenzofuran	1.797	0.000	0.300	0.0	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 07:41

Lab File ID: BM048279.D Init. Calib. Date(s):

EPA Sample No.: SSTD020190 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.426	0.000	0.070	0.0	50.0
Diethylphthalate	1.508	0.000	0.300	0.0	50.0
Fluorene	1.431	0.000	0.200	0.0	50.0
4-Chlorophenyl-phenylether	0.718	0.000	0.100	0.0	50.0
4-Nitroaniline	0.278	0.000	0.010	0.0	50.0
4,6-Dinitro-2-methylphenol	0.142	0.000	0.010	0.0	50.0
N-Nitrosodiphenylamine	0.597	0.000	0.050	0.0	50.0
1,2,4,5-Tetrachlorobenzene	0.633	0.000	0.100	0.0	50.0
4-Bromophenyl-phenylether	0.218	0.000	0.070	0.0	50.0
Hexachlorobenzene	0.261	0.000	0.050	0.0	50.0
Atrazine	0.204	0.000	0.010	0.0	50.0
Pentachlorophenol	0.165	0.000	0.010	0.0	50.0
Phenanthrene	1.107	0.000	0.200	0.0	50.0
Pentachlorobenzene	0.322	0.000	0.050	0.0	50.0
Anthracene	1.108	0.000	0.200	0.0	50.0
1,2,3,4-Tetrachlorobenzene	0.317	0.000	0.050	0.0	50.0
Carbazole	0.973	0.000	0.050	0.0	50.0
Di-n-butylphthalate	1.279	0.000	0.500	0.0	50.0
Fluoranthene	1.412	0.000	0.400	0.0	50.0
Pyrene	1.514	0.000	0.400	0.0	50.0
Butylbenzylphthalate	0.626	0.000	0.100	0.0	50.0
3,3-Dichlorobenzidine	0.436	0.000	0.010	0.0	50.0
Benzo(a)anthracene	1.442	0.000	0.300	0.0	50.0
Chrysene	1.356	0.000	0.200	0.0	50.0
Bis(2-ethylhexyl)phthalate	0.902	0.000	0.200	0.0	50.0
Di-n-octyl phthalate	1.496	0.000	0.010	0.0	50.0
Benzo(b)fluoranthene	1.276	0.000	0.200	0.0	50.0
Benzo(k)fluoranthene	1.278	0.000	0.200	0.0	50.0
Benzo(a)pyrene	1.161	0.000	0.200	0.0	50.0
Indeno(1,2,3-cd)pyrene	1.398	0.000	0.200	0.0	50.0
Dibenzo(a,h)anthracene	1.144	0.000	0.200	0.0	50.0
Benzo(g,h,i)perylene	1.073	0.000	0.200	0.0	50.0
2,3,4,6-Tetrachlorophenol	0.370	0.000	0.040	0.0	50.0
1,4-Dioxane-d8	0.508	0.000	0.010	0.0	50.0
Pyridine-d5	1.472	0.000	0.010	0.0	50.0
Phenol-d5	1.718	0.000	0.010	0.0	50.0
Bis-(2-Chloroethyl)ether-d8	1.064	0.000	0.050	0.0	50.0
2-Chlorophenol-d4	1.397	0.000	0.200	0.0	50.0
4-Methylphenol-d8	1.380	0.000	0.010	0.0	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG No.: BM102824

Instrument ID: BNA_M Calibration Date/Time: 10/29/2024 1 07:41

Lab File ID: BM048279.D Init. Calib. Date(s):

EPA Sample No.: SSTD020190 Init. Calib. Time(s):

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.164	0.000	0.050	0.0	50.0
2-Nitrophenol-d4	0.178	0.000	0.050	0.0	50.0
2,4-Dichlorophenol-d3	0.324	0.000	0.060	0.0	50.0
4-Chloroaniline-d4	0.450	0.000	0.010	0.0	50.0
Dimethylphthalate-d6	1.495	0.000	0.300	0.0	50.0
Acenaphthylene-d8	1.685	0.000	0.400	0.0	50.0
4-Nitrophenol-d4	0.273	0.000	0.010	0.0	50.0
Fluorene-d10	1.263	0.000	0.100	0.0	50.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.000	0.010	0.0	50.0
Anthracene-d10	0.946	0.000	0.300	0.0	50.0
Pyrene-d10	1.214	0.000	0.300	0.0	50.0
Benzo(a)pyrene-d12	1.055	0.000	0.010	0.0	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422			SDG No.:	BM102824
Lab Sample ID:	PB164422BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422			SDG No.:	BM102824
Lab Sample ID:	PB164422BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422			SDG No.:	BM102824
Lab Sample ID:	PB164422BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.257		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	24.621		20-120		62	SPK: -40
4165-62-2	Phenol-d5	23.985		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.963		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.143		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.45		25-125		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.451		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.608		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.694		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.636		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.979		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.128		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.094		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.493		25-125		64	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK422			SDG No.:	BM102824
Lab Sample ID:	PB164422BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048250.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.412		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	26.348		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	25.417		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.439		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	238767	7.722				
1146-65-2	Naphthalene-d8	954805	10.51				
15067-26-2	Acenaphthene-d10	597740	14.363				
1517-22-2	Phenanthrene-d10	1187861	17.104				
1719-03-5	Chrysene-d12	1102203	21.333				
1520-96-3	Perylene-d12	1296337	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8	SDG No.:	BM102824
Lab Sample ID:	P4559-13	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8			SDG No.:	BM102824
Lab Sample ID:	P4559-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8			SDG No.:	BM102824
Lab Sample ID:	P4559-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.027		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	7.457	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	8.718		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.465		25-120		91	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.928		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	21.202		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	35.562		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.64		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.156		20-120		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.905		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.852		25-130		95	SPK: -40
93951-97-4	Acenaphthylene-d8	36.516		10-130		91	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.071		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	38.708		25-125		97	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY8			SDG No.:	BM102824
Lab Sample ID:	P4559-13			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048251.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.057		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	39.913		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	41.417		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.023		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196032	7.722				
1146-65-2	Naphthalene-d8	846644	10.51				
15067-26-2	Acenaphthene-d10	560569	14.363				
1517-22-2	Phenanthrene-d10	1167014	17.104				
1719-03-5	Chrysene-d12	994796	21.327				
1520-96-3	Perylene-d12	998394	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9			SDG No.:	BM102824
Lab Sample ID:	P4559-14			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9			SDG No.:	BM102824
Lab Sample ID:	P4559-14			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9			SDG No.:	BM102824
Lab Sample ID:	P4559-14			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.592		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	5.977	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	6.728		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.053		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.54		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	16.426		25-125		41	SPK: -40
4165-60-0	Nitrobenzene-d5	28.725		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.618		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.937		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.934		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.004		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.051		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.799		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	31.253		25-125		78	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNY9			SDG No.:	BM102824
Lab Sample ID:	P4559-14			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048252.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.498		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	32.664		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	31.099		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.23		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236166	7.716				
1146-65-2	Naphthalene-d8	1012863	10.51				
15067-26-2	Acenaphthene-d10	687606	14.363				
1517-22-2	Phenanthrene-d10	1451579	17.104				
1719-03-5	Chrysene-d12	1423153	21.327				
1520-96-3	Perylene-d12	1562173	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:		Date Collected:	10/22/2024 12:00:00 AM
Project:		Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0	SDG No.:	BM102824
Lab Sample ID:	P4559-15	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0			SDG No.:	BM102824
Lab Sample ID:	P4559-15			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0			SDG No.:	BM102824
Lab Sample ID:	P4559-15			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.391		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	5.017	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	7.247		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.405		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.549		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	18.193		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	30.978		20-125		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.832		20-130		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.563		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.736		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.802		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	31.931		10-130		80	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.696		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	33.439		25-125		84	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ0			SDG No.:	BM102824
Lab Sample ID:	P4559-15			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048253.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.903		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	35.491		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	37.155		15-130		93	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.949		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	230411	7.722				
1146-65-2	Naphthalene-d8	983030	10.51				
15067-26-2	Acenaphthene-d10	637522	14.363				
1517-22-2	Phenanthrene-d10	1254715	17.104				
1719-03-5	Chrysene-d12	1016848	21.333				
1520-96-3	Perylene-d12	1058113	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ1			SDG No.:	BM102824
Lab Sample ID:	P4559-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ1			SDG No.:	BM102824
Lab Sample ID:	P4559-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ1			SDG No.:	BM102824
Lab Sample ID:	P4559-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.03		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	5.124	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	8.051		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.672		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.861		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	20.297		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	33.684		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.911		20-130		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.131		20-120		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.672		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.313		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	35.565		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.967		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	38.565		25-125		96	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ1			SDG No.:	BM102824
Lab Sample ID:	P4559-16			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048254.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.071		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	40.679		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	43.201		15-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	41.053		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197790	7.722				
1146-65-2	Naphthalene-d8	832220	10.51				
15067-26-2	Acenaphthene-d10	543186	14.363				
1517-22-2	Phenanthrene-d10	1106635	17.104				
1719-03-5	Chrysene-d12	904552	21.327				
1520-96-3	Perylene-d12	920321	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2			SDG No.:	BM102824
Lab Sample ID:	P4559-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2			SDG No.:	BM102824
Lab Sample ID:	P4559-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2			SDG No.:	BM102824
Lab Sample ID:	P4559-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.596		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	9.723		20-120		24	SPK: -40
4165-62-2	Phenol-d5	8.816		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.858		25-120		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.429		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	20.963		25-125		52	SPK: -40
4165-60-0	Nitrobenzene-d5	33.581		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.175		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.135		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.679		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.181		25-130		88	SPK: -40
93951-97-4	Acenaphthylene-d8	34.14		10-130		85	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.293		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	36.066		25-125		90	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ2			SDG No.:	BM102824
Lab Sample ID:	P4559-17			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048255.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.627		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	37.919		25-130		95	SPK: -40
1718-52-1	Pyrene-d10	39.53		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.051		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	224405	7.722				
1146-65-2	Naphthalene-d8	967844	10.51				
15067-26-2	Acenaphthene-d10	641602	14.363				
1517-22-2	Phenanthrene-d10	1322810	17.104				
1719-03-5	Chrysene-d12	1120341	21.333				
1520-96-3	Perylene-d12	1118062	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3			SDG No.:	BM102824
Lab Sample ID:	P4559-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3			SDG No.:	BM102824
Lab Sample ID:	P4559-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3			SDG No.:	BM102824
Lab Sample ID:	P4559-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.227		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	7.248	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	7.114		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.132		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.223		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.54		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	29.292		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.912		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.215		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.334		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.351		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.102		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.831		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	32.147		25-125		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ3			SDG No.:	BM102824
Lab Sample ID:	P4559-18			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048256.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.352		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	35.656		25-130		89	SPK: -40
1718-52-1	Pyrene-d10	34.589		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.478		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254218	7.716				
1146-65-2	Naphthalene-d8	1074563	10.51				
15067-26-2	Acenaphthene-d10	710188	14.363				
1517-22-2	Phenanthrene-d10	1479882	17.104				
1719-03-5	Chrysene-d12	1394709	21.327				
1520-96-3	Perylene-d12	1445362	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65			SDG No.:	BM102824
Lab Sample ID:	P4534-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65			SDG No.:	BM102824
Lab Sample ID:	P4534-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65			SDG No.:	BM102824
Lab Sample ID:	P4534-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.148		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	7.831		20-120		20	SPK: -40
4165-62-2	Phenol-d5	7.744		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.268		25-120		83	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.035		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	18.775		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	33.395		20-125		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.003		20-130		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.47		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.765		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.306		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	34.744		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.108		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	36.769		25-125		92	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L65			SDG No.:	BM102824
Lab Sample ID:	P4534-05			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048257.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.831		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	41.238		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	41.442		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	42.838		20-130		107	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	211850	7.722				
1146-65-2	Naphthalene-d8	863555	10.51				
15067-26-2	Acenaphthene-d10	539401	14.362				
1517-22-2	Phenanthrene-d10	1071205	17.103				
1719-03-5	Chrysene-d12	957222	21.327				
1520-96-3	Perylene-d12	1058087	24.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67			SDG No.:	BM102824
Lab Sample ID:	P4534-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67			SDG No.:	BM102824
Lab Sample ID:	P4534-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67			SDG No.:	BM102824
Lab Sample ID:	P4534-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.183		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	11.378		20-120		28	SPK: -40
4165-62-2	Phenol-d5	8.434		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.776		25-120		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.103		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	21.377		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	35.224		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.081		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.657		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.464		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.575		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	36.795		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.701		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	38.192		25-125		95	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L67			SDG No.:	BM102824
Lab Sample ID:	P4534-06			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048258.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.09		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	41.478		25-130		104	SPK: -40
1718-52-1	Pyrene-d10	42.062		15-130		105	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.073		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201328	7.716				
1146-65-2	Naphthalene-d8	824633	10.51				
15067-26-2	Acenaphthene-d10	498200	14.363				
1517-22-2	Phenanthrene-d10	955108	17.104				
1719-03-5	Chrysene-d12	811165	21.333				
1520-96-3	Perylene-d12	905610	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
000127-18-4	Tetrachloroethylene	18	J			4.44	
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78			SDG No.:	BM102824
Lab Sample ID:	P4534-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78			SDG No.:	BM102824
Lab Sample ID:	P4534-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78			SDG No.:	BM102824
Lab Sample ID:	P4534-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.518		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	6.124	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	8.003		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.624		25-120		74	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.056		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	19.662		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	29.929		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.928		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.474		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.959		1-146		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.259		25-130		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.241		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.787		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	32.939		25-125		82	SPK: -40

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Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L78			SDG No.:	BM102824
Lab Sample ID:	P4534-07			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048259.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.534		10-130		76	SPK: -40
1719-06-8	Anthracene-d10	37.55		25-130		94	SPK: -40
1718-52-1	Pyrene-d10	38.352		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.837		20-130		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226872	7.716				
1146-65-2	Naphthalene-d8	927318	10.51				
15067-26-2	Acenaphthene-d10	562891	14.363				
1517-22-2	Phenanthrene-d10	1088871	17.104				
1719-03-5	Chrysene-d12	936073	21.333				
1520-96-3	Perylene-d12	1045549	24.28				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98			SDG No.:	BM102824
Lab Sample ID:	P4534-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98			SDG No.:	BM102824
Lab Sample ID:	P4534-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98			SDG No.:	BM102824
Lab Sample ID:	P4534-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.151		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	6.088	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	6.628		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.272		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.74		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	16.716		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	29.5		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.963		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.748		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.053		1-146		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.183		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	29.936		10-130		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.267		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	32.314		25-125		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	E1L98			SDG No.:	BM102824
Lab Sample ID:	P4534-08			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048260.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.977		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	36.529		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	39.626		15-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.99		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244192	7.716				
1146-65-2	Naphthalene-d8	1026410	10.51				
15067-26-2	Acenaphthene-d10	659005	14.363				
1517-22-2	Phenanthrene-d10	1281512	17.104				
1719-03-5	Chrysene-d12	989471	21.327				
1520-96-3	Perylene-d12	1036359	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4			SDG No.:	BM102824
Lab Sample ID:	P4559-19			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4			SDG No.:	BM102824
Lab Sample ID:	P4559-19			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4			SDG No.:	BM102824
Lab Sample ID:	P4559-19			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.535		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	5.977	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.238		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.916		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.108		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.096		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	29.093		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.291		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.444		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.348		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.466		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.735		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.294		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	30.268		25-125		76	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	GCNZ4			SDG No.:	BM102824
Lab Sample ID:	P4559-19			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048261.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.977		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	32.298		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	32.192		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.315		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	227197	7.716				
1146-65-2	Naphthalene-d8	925008	10.51				
15067-26-2	Acenaphthene-d10	574933	14.363				
1517-22-2	Phenanthrene-d10	1138228	17.104				
1719-03-5	Chrysene-d12	1012389	21.333				
1520-96-3	Perylene-d12	1130061	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422			SDG No.:	BM102824
Lab Sample ID:	PB164422BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	4.5	J	2.5	5	10	ug/L
110-86-1	Pyridine	27		1.4	10	10	ug/L
108-95-2	Phenol	28		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	27		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.4	5	10	ug/L
98-86-2	Acetophenone	27		1.5	5	10	ug/L
106-44-5	4-Methylphenol	28		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	26		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	26		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	27		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	26		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	26		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	28		1.5	2.5	5	ug/L
91-20-3	Naphthalene	27		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	14		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		1.2	2.5	5	ug/L
105-60-2	Caprolactam	26		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	27		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	26		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	27		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	22		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422			SDG No.:	BM102824
Lab Sample ID:	PB164422BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	27		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	26		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	27		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	24		0.84	5	10	ug/L
83-32-9	Acenaphthene	26		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	25		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.5	5	10	ug/L
132-64-9	Dibenzofuran	27		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	28		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		1.5	2.5	5	ug/L
86-73-7	Fluorene	27		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	27		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	27		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	26		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	26		1.6	2.5	5	ug/L
1912-24-9	Atrazine	28		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	27		3.6	5	10	ug/L
85-01-8	Phenanthrene	27		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.5	2.5	5	ug/L
120-12-7	Anthracene	27		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		1.2	2.5	5	ug/L
86-74-8	Carbazole	29		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	28		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	26		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422			SDG No.:	BM102824
Lab Sample ID:	PB164422BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	27		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	26		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		1.4	2.5	5	ug/L
218-01-9	Chrysene	27		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	26		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	27		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	30		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	30		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	28		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.477		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	27.063		20-120		68	SPK: -40
4165-62-2	Phenol-d5	27.643		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.194		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.077		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.118		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	26.947		20-125		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.556		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.334		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.55		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.239		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.75		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.628		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	26.621		25-125		67	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS422			SDG No.:	BM102824
Lab Sample ID:	PB164422BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048262.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164422

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.772		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	27.176		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	25.84		15-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.721		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212272	7.716				
1146-65-2	Naphthalene-d8	883869	10.51				
15067-26-2	Acenaphthene-d10	574273	14.363				
1517-22-2	Phenanthrene-d10	1164457	17.104				
1719-03-5	Chrysene-d12	1122647	21.327				
1520-96-3	Perylene-d12	1283568	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423			SDG No.:	BM102824
Lab Sample ID:	PB164423BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423			SDG No.:	BM102824
Lab Sample ID:	PB164423BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423			SDG No.:	BM102824
Lab Sample ID:	PB164423BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.211		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	25.32		20-120		63	SPK: -40
4165-62-2	Phenol-d5	24.243		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.817		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.555		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.311		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	25.505		20-125		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.539		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.555		20-120		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.711		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.097		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.808		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.219		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	26.16		25-125		65	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SBLK423			SDG No.:	BM102824
Lab Sample ID:	PB164423BL			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048264.D	1	10/25/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.036		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	27.278		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	28.168		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.577		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241779	7.716				
1146-65-2	Naphthalene-d8	1014916	10.51				
15067-26-2	Acenaphthene-d10	633615	14.363				
1517-22-2	Phenanthrene-d10	1224062	17.104				
1719-03-5	Chrysene-d12	1009226	21.327				
1520-96-3	Perylene-d12	1107309	24.279				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389			SDG No.:	BM102824
Lab Sample ID:	PB164389BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389			SDG No.:	BM102824
Lab Sample ID:	PB164389BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389			SDG No.:	BM102824
Lab Sample ID:	PB164389BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.4		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.484		20-120		54	SPK: -40
4165-62-2	Phenol-d5	21.02		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.477		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.02		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	21.175		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.985		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.192		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.988		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.941		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.401		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.319		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.029		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	22.596		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/24/2024 12:00:00 AM
Project:				Date Received:	10/24/2024 12:00:00 AM
Client Sample ID:	SBLK389			SDG No.:	BM102824
Lab Sample ID:	PB164389BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048265.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.777		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	23.407		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.425		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.022		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	295326	7.716				
1146-65-2	Naphthalene-d8	1246607	10.51				
15067-26-2	Acenaphthene-d10	797276	14.363				
1517-22-2	Phenanthrene-d10	1553380	17.104				
1719-03-5	Chrysene-d12	1224161	21.327				
1520-96-3	Perylene-d12	1318155	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16			SDG No.:	BM102824
Lab Sample ID:	P4529-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.5	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.5	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.5	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.3	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.3	210	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.3	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.3	210	ug/Kg
105-60-2	Caprolactam	140	U	140	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.3	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16			SDG No.:	BM102824
Lab Sample ID:	P4529-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.3	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.5	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.5	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.3	210	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.3	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	99.5	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.3	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.3	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16			SDG No.:	BM102824
Lab Sample ID:	P4529-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.3	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.614		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	17.446		20-120		44	SPK: -40
4165-62-2	Phenol-d5	17.994		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.894		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.519		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	18.488		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.244		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.484		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.57		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.82		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.835		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.407		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.68		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	20.045		20-140		50	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H16			SDG No.:	BM102824
Lab Sample ID:	P4529-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048266.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.134		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	20.315		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.719		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.33		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220371	7.716				
1146-65-2	Naphthalene-d8	925926	10.51				
15067-26-2	Acenaphthene-d10	603192	14.363				
1517-22-2	Phenanthrene-d10	1204224	17.104				
1719-03-5	Chrysene-d12	967233	21.327				
1520-96-3	Perylene-d12	988732	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.721	
000057-10-3	n-Hexadecanoic acid	130	J			18.004	
E966796	Total Alkanes	58	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17			SDG No.:	BM102824
Lab Sample ID:	P4529-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	97.4	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.2	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.4	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.4	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.2	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.2	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.2	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.2	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17			SDG No.:	BM102824
Lab Sample ID:	P4529-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.2	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.4	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.4	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.2	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.2	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.4	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.2	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.2	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.2	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.4	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17			SDG No.:	BM102824
Lab Sample ID:	P4529-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.2	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.847		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	15.559		20-120		39	SPK: -40
4165-62-2	Phenol-d5	18.88		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.184		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.112		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.936		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.07		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.78		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.928		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.603		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.964		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.043		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.428		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	21.593		20-140		54	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H17			SDG No.:	BM102824
Lab Sample ID:	P4529-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048267.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.079		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	21.701		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	21.579		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.579		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207941	7.716				
1146-65-2	Naphthalene-d8	841523	10.51				
15067-26-2	Acenaphthene-d10	519065	14.363				
1517-22-2	Phenanthrene-d10	1047739	17.104				
1719-03-5	Chrysene-d12	954038	21.327				
1520-96-3	Perylene-d12	1080570	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.721	
000057-10-3	n-Hexadecanoic acid	98	J			17.998	
959085-66-6	Heptadecyl heptafluorobutyrate	100	J			21.009	
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25			SDG No.:	BM102824
Lab Sample ID:	P4529-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.9	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	93.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.9	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.9	380	ug/Kg
98-86-2	Acetophenone	43	U	43	93.9	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.4	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.4	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.4	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.4	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.4	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.4	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.4	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.4	190	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25			SDG No.:	BM102824
Lab Sample ID:	P4529-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.4	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.4	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.4	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.4	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.9	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.9	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	93.9	380	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.4	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.4	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.4	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.4	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.4	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.9	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.9	380	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.4	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.4	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.4	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.4	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93.9	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25			SDG No.:	BM102824
Lab Sample ID:	P4529-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.4	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.903		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	15.915		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.546		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.144		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.609		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	19.044		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.743		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.566		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.222		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.716		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.934		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.733		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.307		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	21.314		20-140		53	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/23/2024 12:00:00 AM
Project:				Date Received:	10/23/2024 12:00:00 AM
Client Sample ID:	F7H25			SDG No.:	BM102824
Lab Sample ID:	P4529-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.4
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048268.D	1	10/24/2024 12:00:00 AM	10/28/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.563		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.728		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.299		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.77		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	212390	7.716				
1146-65-2	Naphthalene-d8	884593	10.504				
15067-26-2	Acenaphthene-d10	557969	14.363				
1517-22-2	Phenanthrene-d10	1089085	17.104				
1719-03-5	Chrysene-d12	903560	21.327				
1520-96-3	Perylene-d12	970473	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.722	
000057-10-3	n-Hexadecanoic acid	120	J			17.998	
	(DEL) Alkane: Straight-Chain21.009	110	J			21.009	
E966796	Total Alkanes	110				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21			SDG No.:	BM102824
Lab Sample ID:	P4529-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.2	73	ug/Kg
100-52-7	Benzaldehyde	82	U	82	90.1	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	38	U	38	90.1	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	90.1	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.4	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	90.1	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	90.1	360	ug/Kg
98-86-2	Acetophenone	41	U	41	90.1	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	90.1	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.4	190	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.4	190	ug/Kg
98-95-3	Nitrobenzene	39	U	39	46.4	190	ug/Kg
78-59-1	Isophorone	37	U	37	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	46.4	190	ug/Kg
91-20-3	Naphthalene	37	U	37	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.4	190	ug/Kg
105-60-2	Caprolactam	130	U	130	90.1	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	90.1	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.4	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21			SDG No.:	BM102824
Lab Sample ID:	P4529-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.4	190	ug/Kg
208-96-8	Acenaphthylene	47	U	47	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	90.1	360	ug/Kg
83-32-9	Acenaphthene	45	U	45	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	90.1	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	90.1	360	ug/Kg
132-64-9	Dibenzofuran	50	U	50	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	46.4	190	ug/Kg
84-66-2	Diethylphthalate	66	U	66	46.4	190	ug/Kg
86-73-7	Fluorene	49	U	49	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	90.1	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	90.1	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.4	190	ug/Kg
1912-24-9	Atrazine	43	U	43	90.1	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	90.1	360	ug/Kg
85-01-8	Phenanthrene	48	U	48	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46.4	190	ug/Kg
120-12-7	Anthracene	47	U	47	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.4	190	ug/Kg
86-74-8	Carbazole	49	U	49	90.1	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.4	190	ug/Kg
206-44-0	Fluoranthene	48	U	48	90.1	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21			SDG No.:	BM102824
Lab Sample ID:	P4529-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	48	U	48	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	90.1	360	ug/Kg
56-55-3	Benzo(a)anthracene	43	U	43	46.4	190	ug/Kg
218-01-9	Chrysene	49	U	49	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	37	90.1	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	46	U	46	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.208		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	9.298		20-120		23	SPK: -40
4165-62-2	Phenol-d5	16.367		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.319		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.063		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.826		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	16.799		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.893		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.267		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.997		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.537		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.321		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.654		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	19.029		20-140		48	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H21			SDG No.:	BM102824
Lab Sample ID:	P4529-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.4
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048269.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.24		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	19.101		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	19.656		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.449		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217703	7.716				
1146-65-2	Naphthalene-d8	908200	10.51				
15067-26-2	Acenaphthene-d10	574573	14.363				
1517-22-2	Phenanthrene-d10	1128975	17.104				
1719-03-5	Chrysene-d12	968421	21.327				
1520-96-3	Perylene-d12	1033467	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.721	
000057-10-3	n-Hexadecanoic acid	130	J			17.998	
1000406-04-8	Pentadecafluorooctanoic acid, octa	110	J			21.009	
E966796	Total Alkanes	52	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22			SDG No.:	BM102824
Lab Sample ID:	P4529-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.5	370	ug/Kg
110-86-1	Pyridine	49	U	49	190	370	ug/Kg
108-95-2	Phenol	40	U	40	93.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.5	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.5	370	ug/Kg
98-86-2	Acetophenone	43	U	43	93.5	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.2	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.2	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.2	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.2	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.2	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.2	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22			SDG No.:	BM102824
Lab Sample ID:	P4529-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.2	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.5	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.5	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	93.5	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.2	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.2	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.2	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.5	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.5	370	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.2	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	48.2	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.2	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22			SDG No.:	BM102824
Lab Sample ID:	P4529-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.2	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.919		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	13.038		20-120		33	SPK: -40
4165-62-2	Phenol-d5	18.953		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.123		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.885		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.316		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.202		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.088		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.654		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.137		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.039		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.117		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.701		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	21.122		20-140		53	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H22			SDG No.:	BM102824
Lab Sample ID:	P4529-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048270.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.765		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.767		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.175		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.573		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207972	7.716				
1146-65-2	Naphthalene-d8	864951	10.504				
15067-26-2	Acenaphthene-d10	525806	14.363				
1517-22-2	Phenanthrene-d10	1017515	17.104				
1719-03-5	Chrysene-d12	874154	21.327				
1520-96-3	Perylene-d12	986336	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	230	J			15.721	
000057-10-3	n-Hexadecanoic acid	120	J			17.998	
1000282-98-2	Dichloroacetic acid, heptadecyl es	110	J			21.009	
E966796	Total Alkanes	54	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23			SDG No.:	BM102824
Lab Sample ID:	P4529-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.1	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.1	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	42	U	42	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	53.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	53.1	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23			SDG No.:	BM102824
Lab Sample ID:	P4529-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.1	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.1	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.1	210	ug/Kg
86-73-7	Fluorene	56	U	56	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	55	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.1	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.1	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	53.1	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23			SDG No.:	BM102824
Lab Sample ID:	P4529-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.1	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.01		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	23.415		20-120		59	SPK: -40
4165-62-2	Phenol-d5	25.937		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.932		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.066		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.603		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.177		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.152		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.296		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.316		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.087		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	30.996		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.288		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	32.427		20-140		81	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H23			SDG No.:	BM102824
Lab Sample ID:	P4529-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048271.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	34.575		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	34.994		10-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.885		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	229954	7.716				
1146-65-2	Naphthalene-d8	961544	10.504				
15067-26-2	Acenaphthene-d10	601575	14.363				
1517-22-2	Phenanthrene-d10	1139558	17.104				
1719-03-5	Chrysene-d12	956631	21.327				
1520-96-3	Perylene-d12	1061048	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	110	J			15.721	
000057-10-3	n-Hexadecanoic acid	190	J			18.004	
	(DEL) Alkane: Straight-Chain21.009	160	J			21.009	
E966796	Total Alkanes	160				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35			SDG No.:	BM102824
Lab Sample ID:	P4529-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.2	73	ug/Kg
100-52-7	Benzaldehyde	82	U	82	89.8	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	38	U	38	89.8	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	89.8	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	46.2	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	89.8	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	89.8	360	ug/Kg
98-86-2	Acetophenone	41	U	41	89.8	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	89.8	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.2	180	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.2	180	ug/Kg
98-95-3	Nitrobenzene	39	U	39	46.2	180	ug/Kg
78-59-1	Isophorone	37	U	37	46.2	180	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	30	U	30	46.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	41	U	41	46.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.2	180	ug/Kg
91-20-3	Naphthalene	37	U	37	46.2	180	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.2	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.2	180	ug/Kg
105-60-2	Caprolactam	130	U	130	89.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30	U	30	46.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	46.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	89.8	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.2	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35			SDG No.:	BM102824
Lab Sample ID:	P4529-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	46.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.2	180	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.2	180	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	46.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.2	180	ug/Kg
208-96-8	Acenaphthylene	47	U	47	46.2	180	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	89.8	360	ug/Kg
83-32-9	Acenaphthene	45	U	45	46.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	89.8	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	89.8	360	ug/Kg
132-64-9	Dibenzofuran	50	U	50	46.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	29	U	29	46.2	180	ug/Kg
84-66-2	Diethylphthalate	65	U	65	46.2	180	ug/Kg
86-73-7	Fluorene	49	U	49	46.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	46.2	180	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	89.8	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	89.8	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	46.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	46.2	180	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	46.2	180	ug/Kg
1912-24-9	Atrazine	42	U	42	89.8	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.8	360	ug/Kg
85-01-8	Phenanthrene	48	U	48	46.2	180	ug/Kg
608-93-5	Pentachlorobenzene	55	U	55	46.2	180	ug/Kg
120-12-7	Anthracene	47	U	47	46.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.2	180	ug/Kg
86-74-8	Carbazole	49	U	49	89.8	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.2	180	ug/Kg
206-44-0	Fluoranthene	48	U	48	89.8	180	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35			SDG No.:	BM102824
Lab Sample ID:	P4529-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	48	U	48	46.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	89.8	360	ug/Kg
56-55-3	Benzo(a)anthracene	42	U	42	46.2	180	ug/Kg
218-01-9	Chrysene	49	U	49	46.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	46.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	37	89.8	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	46.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	46.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	46	U	46	46.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	46.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	46.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	46.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.186		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	13.774		20-120		34	SPK: -40
4165-62-2	Phenol-d5	20.952		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.236		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.862		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.836		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.691		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.383		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.024		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.691		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.981		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.686		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.47		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	24.319		20-140		61	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H35			SDG No.:	BM102824
Lab Sample ID:	P4529-14			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	8.1
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048272.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.486		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	24.644		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	23.694		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.732		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213630	7.716				
1146-65-2	Naphthalene-d8	867524	10.504				
15067-26-2	Acenaphthene-d10	530269	14.363				
1517-22-2	Phenanthrene-d10	1077827	17.104				
1719-03-5	Chrysene-d12	1022923	21.327				
1520-96-3	Perylene-d12	1194423	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.721	
000057-10-3	n-Hexadecanoic acid	140	J			18.004	
	(DEL) Alkane: Straight-Chain21.009	120	J			21.009	
E966796	Total Alkanes	120				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36			SDG No.:	BM102824
Lab Sample ID:	P4529-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	86	U	86	94.1	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.5	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	94.1	380	ug/Kg
98-86-2	Acetophenone	43	U	43	94.1	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.5	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.5	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.5	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.5	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.5	190	ug/Kg
105-60-2	Caprolactam	140	U	140	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36			SDG No.:	BM102824
Lab Sample ID:	P4529-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.5	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	94.1	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	94.1	380	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.5	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.5	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.5	190	ug/Kg
1912-24-9	Atrazine	44	U	44	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	94.1	380	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.5	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.5	190	ug/Kg
86-74-8	Carbazole	51	U	51	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.5	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	94.1	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36			SDG No.:	BM102824
Lab Sample ID:	P4529-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.5	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.381		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.068		20-120		38	SPK: -40
4165-62-2	Phenol-d5	16.007		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.414		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.405		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.449		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	15.674		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.544		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.951		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.158		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.69		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.142		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.702		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	17.968		20-140		45	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H36			SDG No.:	BM102824
Lab Sample ID:	P4529-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.6
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048273.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.64		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	18.662		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	19.091		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.802		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201712	7.716				
1146-65-2	Naphthalene-d8	854618	10.504				
15067-26-2	Acenaphthene-d10	539668	14.363				
1517-22-2	Phenanthrene-d10	1046651	17.104				
1719-03-5	Chrysene-d12	889771	21.327				
1520-96-3	Perylene-d12	952588	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	100	J			15.721	
000057-10-3	n-Hexadecanoic acid	140	J			18.003	
	(DEL) Alkane: Straight-Chain21.009	150	J			21.009	
E966796	Total Alkanes	150				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37			SDG No.:	BM102824
Lab Sample ID:	P4529-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	97.9	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	97.9	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.9	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.4	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	97.9	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.9	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.9	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.9	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.4	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.4	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.4	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.4	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.4	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.4	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.4	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.4	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.9	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	97.9	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.4	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37			SDG No.:	BM102824
Lab Sample ID:	P4529-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.4	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.4	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.4	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.9	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.9	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	97.9	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.4	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.4	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.4	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.9	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.9	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.4	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.4	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.9	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.9	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.4	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.4	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.4	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.9	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.4	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.9	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37			SDG No.:	BM102824
Lab Sample ID:	P4529-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.9	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.4	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.9	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.797		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	30.145		20-120		75	SPK: -40
4165-62-2	Phenol-d5	32.464		10-130		81	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.561		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.238		15-120		83	SPK: -40
190780-66-6	4-Methylphenol-d8	33.549		10-140		84	SPK: -40
4165-60-0	Nitrobenzene-d5	33.888		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.525		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.314		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.393		1-145		86	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.856		10-145		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.543		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.203		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	35.446		20-140		89	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H37			SDG No.:	BM102824
Lab Sample ID:	P4529-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048274.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.567		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	36.503		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	38.607		10-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.018		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226952	7.716				
1146-65-2	Naphthalene-d8	957410	10.504				
15067-26-2	Acenaphthene-d10	606116	14.363				
1517-22-2	Phenanthrene-d10	1159772	17.104				
1719-03-5	Chrysene-d12	930270	21.327				
1520-96-3	Perylene-d12	990172	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	300	J			15.721	
000057-10-3	n-Hexadecanoic acid	300	J			18.003	
000057-11-4	Octadecanoic acid	93	J			19.28	
1000406-04-8	Pentadecafluorooctanoic acid, octa	140	J			21.009	
E966796	Total Alkanes	57	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45			SDG No.:	BM102824
Lab Sample ID:	P4529-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.4	370	ug/Kg
110-86-1	Pyridine	48	U	48	180	370	ug/Kg
108-95-2	Phenol	39	U	39	92.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.4	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.6	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.4	370	ug/Kg
98-86-2	Acetophenone	43	U	43	92.4	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	47.6	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.6	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.6	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.6	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.6	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.6	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.6	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.6	190	ug/Kg
105-60-2	Caprolactam	130	U	130	92.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	88	U	88	92.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.6	190	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H45			SDG No.:	BM102824
Lab Sample ID:	P4529-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.6	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.6	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	47.6	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.6	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	92.4	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	92.4	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.4	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	47.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.6	190	ug/Kg
84-66-2	Diethylphthalate	67	U	67	47.6	190	ug/Kg
86-73-7	Fluorene	50	U	50	47.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.6	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	47.6	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.6	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.4	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	92.4	370	ug/Kg
85-01-8	Phenanthrene	49	U	49	47.6	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.6	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.6	190	ug/Kg
86-74-8	Carbazole	50	U	50	92.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.6	190	ug/Kg
206-44-0	Fluoranthene	49	U	49	92.4	190	ug/Kg

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Lab Sample ID:	P4529-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	47.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.6	190	ug/Kg
218-01-9	Chrysene	50	U	50	47.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	47.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	47.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	47.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	47.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	47.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.945		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	18.311		20-120		46	SPK: -40
4165-62-2	Phenol-d5	20.372		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.42		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.988		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.546		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.298		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.432		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.463		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.906		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.847		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.435		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.071		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	21.337		20-140		53	SPK: -40

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Client Sample ID:	F7H45			SDG No.:	BM102824
Lab Sample ID:	P4529-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048275.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.368		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	21.603		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	22.356		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.483		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231144	7.716				
1146-65-2	Naphthalene-d8	989295	10.504				
15067-26-2	Acenaphthene-d10	609778	14.357				
1517-22-2	Phenanthrene-d10	1164851	17.104				
1719-03-5	Chrysene-d12	953736	21.327				
1520-96-3	Perylene-d12	1038116	24.268				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	140	J			15.722	
000057-10-3	n-Hexadecanoic acid	140	J			17.998	
959085-66-6	Heptadecyl heptafluorobutyrate	120	J			21.01	
E966796	Total Alkanes	54	U			99	ug/Kg

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Client Sample ID:	F7H46			SDG No.:	BM102824
Lab Sample ID:	P4529-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	97.1	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.1	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.1	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	50	200	ug/Kg
78-59-1	Isophorone	40	U	40	50	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	50	200	ug/Kg

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Client Sample ID:	F7H46			SDG No.:	BM102824
Lab Sample ID:	P4529-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	50	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	50	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.1	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.1	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.1	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50	200	ug/Kg
86-73-7	Fluorene	53	U	53	50	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	97.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	50	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.1	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50	200	ug/Kg
120-12-7	Anthracene	51	U	51	50	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	50	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.1	200	ug/Kg

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Client Sample ID:	F7H46			SDG No.:	BM102824
Lab Sample ID:	P4529-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50	200	ug/Kg
218-01-9	Chrysene	53	U	53	50	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	50	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	50	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.182		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	17.612		20-120		44	SPK: -40
4165-62-2	Phenol-d5	19.789		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.545		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.078		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.525		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.395		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.756		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.586		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.637		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.101		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.154		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.07		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	21.509		20-140		54	SPK: -40

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Lab Sample ID:	P4529-18			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048276.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.617		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	21.835		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.528		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.033		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	226431	7.716				
1146-65-2	Naphthalene-d8	981989	10.504				
15067-26-2	Acenaphthene-d10	637159	14.363				
1517-22-2	Phenanthrene-d10	1248021	17.104				
1719-03-5	Chrysene-d12	972945	21.327				
1520-96-3	Perylene-d12	1002226	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	190	J			15.722	
000057-10-3	n-Hexadecanoic acid	190	J			18.004	
1000282-98-2	Dichloroacetic acid, heptadecyl ester	100	J			21.009	
E966796	Total Alkanes	56	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47			SDG No.:	BM102824
Lab Sample ID:	P4529-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.7	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.3	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.7	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.7	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.3	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.3	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.3	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.3	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.3	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.3	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47			SDG No.:	BM102824
Lab Sample ID:	P4529-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.3	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.7	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.7	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.7	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.3	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.3	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.3	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.7	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.3	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.3	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.3	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47			SDG No.:	BM102824
Lab Sample ID:	P4529-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.3	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.289		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	21.868		20-120		55	SPK: -40
4165-62-2	Phenol-d5	23.457		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.482		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.423		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.089		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.003		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.279		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.402		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.446		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.599		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	25.069		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.6		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	24.854		20-140		62	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/22/2024 12:00:00 AM
Project:				Date Received:	10/22/2024 12:00:00 AM
Client Sample ID:	F7H47			SDG No.:	BM102824
Lab Sample ID:	P4529-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048277.D	1	10/24/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164389

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.851		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	25.674		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	26.907		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.982		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	217761	7.716				
1146-65-2	Naphthalene-d8	930625	10.504				
15067-26-2	Acenaphthene-d10	586436	14.363				
1517-22-2	Phenanthrene-d10	1116718	17.104				
1719-03-5	Chrysene-d12	896437	21.327				
1520-96-3	Perylene-d12	964656	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.721	
000057-10-3	n-Hexadecanoic acid	150	J			18.004	
1000406-04-8	Pentadecafluorooctanoic acid, octa	85	J			21.009	
E966796	Total Alkanes	56	U			99	ug/Kg

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Report of Analysis

Client:		Date Collected:	10/25/2024 12:00:00 AM
Project:		Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423	SDG No.:	BM102824
Lab Sample ID:	PB164423BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	4.9	J	2.5	5	10	ug/L
110-86-1	Pyridine	30		1.4	10	10	ug/L
108-95-2	Phenol	32		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	30		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	32		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.4	5	10	ug/L
98-86-2	Acetophenone	30		1.5	5	10	ug/L
106-44-5	4-Methylphenol	31		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	30		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	29		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	28		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		1.5	2.5	5	ug/L
91-20-3	Naphthalene	29		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	29		1.2	2.5	5	ug/L
105-60-2	Caprolactam	27		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	28		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	26		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	31		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	31		1.5	2.5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423			SDG No.:	BM102824
Lab Sample ID:	PB164423BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	30		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	30		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	30		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	28		0.84	5	10	ug/L
83-32-9	Acenaphthene	29		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	26		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	27		1.5	5	10	ug/L
132-64-9	Dibenzofuran	29		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	29		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	28		1.5	2.5	5	ug/L
86-73-7	Fluorene	28		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	31		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.6	2.5	5	ug/L
1912-24-9	Atrazine	31		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	30		3.6	5	10	ug/L
85-01-8	Phenanthrene	29		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.5	2.5	5	ug/L
120-12-7	Anthracene	30		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	31		1.2	2.5	5	ug/L
86-74-8	Carbazole	30		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	32		1.7	5	5	ug/L

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423			SDG No.:	BM102824
Lab Sample ID:	PB164423BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	30		1.4	2.5	5	ug/L
218-01-9	Chrysene	30		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	31		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	31		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	31		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	33		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	33		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	29		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.968		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	29.079		20-120		73	SPK: -40
4165-62-2	Phenol-d5	31.212		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.036		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.984		20-130		80	SPK: -40
190780-66-6	4-Methylphenol-d8	30.591		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	30.091		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.773		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.758		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.426		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.425		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	29.633		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.587		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	28.334		25-125		71	SPK: -40

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Report of Analysis

Client:				Date Collected:	10/25/2024 12:00:00 AM
Project:				Date Received:	10/25/2024 12:00:00 AM
Client Sample ID:	SLCS423			SDG No.:	BM102824
Lab Sample ID:	PB164423BS			Matrix:	Water
Analytical Method:	SFAM_SVOC			% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048278.D	1	10/25/2024 12:00:00 AM	10/29/2024 12:00:00 AM	PB164423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.698		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	29.906		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	31.508		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.188		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262293	7.716				
1146-65-2	Naphthalene-d8	1120894	10.504				
15067-26-2	Acenaphthene-d10	686442	14.363				
1517-22-2	Phenanthrene-d10	1258009	17.104				
1719-03-5	Chrysene-d12	976039	21.327				
1520-96-3	Perylene-d12	1018561	24.274				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : F7H16									
P4529-07	F7H16	Solid	Benzophenone	*	320.000	J			
P4529-07	F7H16	Solid	n-Hexadecanoic acid	*	130.000	J			
P4529-07	F7H16	Solid	Total Alkanes	*	0.000		58	210	ug/Kg
			Total Tics :		**450.00**				
			Total Concentration:		**450.00**				
Client ID : F7H17									
P4529-08	F7H17	Solid	Benzophenone	*	290.000	J			
P4529-08	F7H17	Solid	Heptadecyl heptafluorobutyrate	*	100.000	J			
P4529-08	F7H17	Solid	n-Hexadecanoic acid	*	98.000	J			
P4529-08	F7H17	Solid	Total Alkanes	*	0.000		57	200	ug/Kg
			Total Tics :		**488.00**				
			Total Concentration:		**488.00**				
Client ID : F7H25									
P4529-10	F7H25	Solid	(DEL) Alkane: Straight-Chain21.(	*	110.000	J			
P4529-10	F7H25	Solid	Benzophenone	*	170.000	J			
P4529-10	F7H25	Solid	n-Hexadecanoic acid	*	120.000	J			
P4529-10	F7H25	Solid	Total Alkanes	*	110.000		55	190	ug/Kg
			Total Tics :		**510.00**				
			Total Concentration:		**510.00**				
Client ID : F7H21									
P4529-11	F7H21	Solid	Benzophenone	*	150.000	J			
P4529-11	F7H21	Solid	n-Hexadecanoic acid	*	130.000	J			
P4529-11	F7H21	Solid	Pentadecafluorooctanoic acid, oct	*	110.000	J			
P4529-11	F7H21	Solid	Total Alkanes	*	0.000		52	190	ug/Kg
			Total Tics :		**390.00**				
			Total Concentration:		**390.00**				
Client ID : F7H22									
P4529-12	F7H22	Solid	Benzophenone	*	230.000	J			
P4529-12	F7H22	Solid	Dichloroacetic acid, heptadecyl es	*	110.000	J			
P4529-12	F7H22	Solid	n-Hexadecanoic acid	*	120.000	J			
P4529-12	F7H22	Solid	Total Alkanes	*	0.000		54	190	ug/Kg
			Total Tics :		**460.00**				
			Total Concentration:		**460.00**				
Client ID : F7H23									
P4529-13	F7H23	Solid	(DEL) Alkane: Straight-Chain21.(	*	160.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4529-13	F7H23	Solid	Benzophenone	*	110.000	J			
P4529-13	F7H23	Solid	n-Hexadecanoic acid	*	190.000	J			
P4529-13	F7H23	Solid	Total Alkanes	*	160.000		60	210	ug/Kg
			Total Tics :		**620.00**				
			Total Concentration:		**620.00**				
Client ID :	**F7H35**								
P4529-14	F7H35	Solid	(DEL) Alkane: Straight-Chain21.(	*	120.000	J			
P4529-14	F7H35	Solid	Benzophenone	*	180.000	J			
P4529-14	F7H35	Solid	n-Hexadecanoic acid	*	140.000	J			
P4529-14	F7H35	Solid	Total Alkanes	*	120.000		52	180	ug/Kg
			Total Tics :		**560.00**				
			Total Concentration:		**560.00**				
Client ID :	**F7H36**								
P4529-15	F7H36	Solid	(DEL) Alkane: Straight-Chain21.(	*	150.000	J			
P4529-15	F7H36	Solid	Benzophenone	*	100.000	J			
P4529-15	F7H36	Solid	n-Hexadecanoic acid	*	140.000	J			
P4529-15	F7H36	Solid	Total Alkanes	*	150.000		55	190	ug/Kg
			Total Tics :		**540.00**				
			Total Concentration:		**540.00**				
Client ID :	**F7H37**								
P4529-16	F7H37	Solid	Benzophenone	*	300.000	J			
P4529-16	F7H37	Solid	n-Hexadecanoic acid	*	300.000	J			
P4529-16	F7H37	Solid	Octadecanoic acid	*	93.000	J			
P4529-16	F7H37	Solid	Pentadecafluorooctanoic acid, oct	*	140.000	J			
P4529-16	F7H37	Solid	Total Alkanes	*	0.000		57	200	ug/Kg
			Total Tics :		**833.00**				
			Total Concentration:		**833.00**				
Client ID :	**F7H45**								
P4529-17	F7H45	Solid	Benzophenone	*	140.000	J			
P4529-17	F7H45	Solid	Heptadecyl heptafluorobutyrate	*	120.000	J			
P4529-17	F7H45	Solid	n-Hexadecanoic acid	*	140.000	J			
P4529-17	F7H45	Solid	Total Alkanes	*	0.000		54	190	ug/Kg
			Total Tics :		**400.00**				
			Total Concentration:		**400.00**				
Client ID :	**F7H46**								
P4529-18	F7H46	Solid	Benzophenone	*	190.000	J			
P4529-18	F7H46	Solid	Dichloroacetic acid, heptadecyl es	*	100.000	J			
P4529-18	F7H46	Solid	n-Hexadecanoic acid	*	190.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4529-18	F7H46	Solid	Total Alkanes	*	0.000		56	200	ug/Kg
			Total Tics :		**480.00**				
			Total Concentration:		**480.00**				
Client ID :	**F7H47**								
P4529-19	F7H47	Solid	Benzophenone	*	200.000	J			
P4529-19	F7H47	Solid	n-Hexadecanoic acid	*	150.000	J			
P4529-19	F7H47	Solid	Pentadecafluorooctanoic acid, oct	*	85.000	J			
P4529-19	F7H47	Solid	Total Alkanes	*	0.000		56	200	ug/Kg
			Total Tics :		**435.00**				
			Total Concentration:		**435.00**				
Client ID :	**E1L65**								
P4534-05	E1L65	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**E1L67**								
P4534-06	E1L67	Water	Tetrachloroethylene	*	18.000	J			
P4534-06	E1L67	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**18.00**				
			Total Concentration:		**18.00**				
Client ID :	**E1L78**								
P4534-07	E1L78	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**E1L98**								
P4534-08	E1L98	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**GCNY8**								
P4559-13	GCNY8	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**GCNY9**								
P4559-14	GCNY9	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**GCNZ0**								
P4559-15	GCNZ0	Water	Total Alkanes	*	0.000		1.7	5	ug/L

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Hit Summary Sheet
SW-846

SDG No.: BM102824

Client:

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**GCNZ1**								
P4559-16	GCNZ1	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**GCNZ2**								
P4559-17	GCNZ2	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**GCNZ3**								
P4559-18	GCNZ3	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		
Client ID :	**GCNZ4**								
P4559-19	GCNZ4	Water	Total Alkanes	*	0.000		1.7	5	ug/L
			Total Tics :				**0.00**		
			Total Concentration:				**0.00**		

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102624 SAS No.: BM102624 SDG No.: BM102624

Instrument ID: Calibration Date(s): 10/26/2024

Calibration Time(s): 10:35

LAB FILE ID: RRFAL1 = BM048241.D RRFAL2 = BM048242.D RRFAL3 = BM048243.D
RRFAL4 = BM048244.D RRFAL5 = BM048245.D RRFAL6 = BM048246.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.520	0.597	0.545	0.513	0.510		0.537	6.8
Benzaldehyde		1.008	0.951	0.977	0.769	0.546	0.850	22.8
Pyridine		1.595	1.540	1.493	1.483	1.435	1.509	4.0
Hexachloroethane	0.551	0.644	0.625	0.609	0.594		0.605	5.8
Nitrobenzene	0.331	0.405	0.393	0.388	0.388		0.381	7.5
Isophorone	0.653	0.775	0.770	0.765	0.729		0.738	6.9
2-Nitrophenol	0.158	0.197	0.203	0.206	0.209		0.195	10.9
2,4-Dimethylphenol	0.312	0.379	0.374	0.355	0.367		0.357	7.6
Bis(2-Chloroethoxy)methane	0.409	0.490	0.471	0.466	0.455		0.458	6.7
2,4-Dichlorophenol	0.290	0.352	0.343	0.342	0.332		0.332	7.4
Naphthalene	1.054	1.196	1.143	1.105	1.088		1.117	4.9
4-Chloroaniline		0.466	0.452	0.456	0.428	0.378	0.436	8.1
Hexachlorobutadiene	0.212	0.237	0.224	0.217	0.215		0.221	4.6
Phenol		1.787	1.804	1.806	1.783	1.767	1.789	0.9
Caprolactam		0.101	0.107	0.113	0.102	0.107	0.106	4.6
4-Chloro-3-methylphenol	0.283	0.350	0.351	0.354	0.330		0.334	8.9
1-Methylnaphthalene	0.715	0.826	0.789	0.769	0.719		0.764	6.2
2-Methylnaphthalene	0.692	0.815	0.778	0.759	0.720		0.753	6.4
Hexachlorocyclopentadiene		0.382	0.375	0.386	0.396	0.357	0.379	3.8
2,4,6-Trichlorophenol	0.339	0.420	0.418	0.430	0.437		0.409	9.8
2,4,5-Trichlorophenol	0.341	0.441	0.452	0.463	0.462		0.432	12.0
1,1-Biphenyl	1.425	1.650	1.563	1.518	1.513		1.534	5.3
2-Chloronaphthalene	1.086	1.267	1.206	1.194	1.189		1.189	5.5
2-Nitroaniline	0.258	0.333	0.338	0.362	0.354		0.329	12.6
Bis(2-Chloroethyl)ether		1.479	1.452	1.434	1.409	1.375	1.430	2.8
Dimethylphthalate	1.392	1.610	1.538	1.518	1.438		1.499	5.7
2,6-Dinitrotoluene	0.231	0.290	0.300	0.321	0.315		0.291	12.3
Acenaphthylene	1.665	1.978	1.909	1.861	1.791		1.841	6.5
3-Nitroaniline		0.280	0.304	0.339	0.312	0.298	0.307	7.0
Acenaphthene	1.250	1.416	1.333	1.297	1.235		1.306	5.6
2,4-Dinitrophenol		0.158	0.186	0.215	0.210	0.222	0.198	13.2
4-Nitrophenol		0.183	0.204	0.218	0.203	0.190	0.200	6.8
Dibenzofuran	1.717	1.960	1.860	1.782	1.666		1.797	6.5
2,4-Dinitrotoluene	0.343	0.441	0.449	0.463	0.435		0.426	11.2
Diethylphthalate	1.397	1.610	1.559	1.544	1.431		1.508	6.0
2-Chlorophenol	1.284	1.499	1.483	1.457	1.451		1.435	6.0

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102624 SAS No.: BM102624 SDG No.: BM102624

Instrument ID: Calibration Date(s): 10/26/2024

Calibration Time(s): 10:35

LAB FILE ID: RRFAL1 = BM048241.D RRFAL2 = BM048242.D RRFAL3 = BM048243.D
RRFAL4 = BM048244.D RRFAL5 = BM048245.D RRFAL6 = BM048246.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.401	1.591	1.496	1.411	1.255		1.431	8.7
4-Chlorophenyl-phenylether	0.687	0.799	0.754	0.710	0.641		0.718	8.5
4-Nitroaniline		0.273	0.295	0.324	0.262	0.235	0.278	12.1
4,6-Dinitro-2-methylphenol		0.138	0.144	0.148	0.145	0.133	0.142	4.3
N-Nitrosodiphenylamine	0.546	0.655	0.623	0.587	0.574		0.597	7.1
1,2,4,5-Tetrachlorobenzene	0.567	0.672	0.641	0.633	0.654		0.633	6.3
4-Bromophenyl-phenylether	0.199	0.234	0.224	0.218	0.216		0.218	5.9
Hexachlorobenzene	0.246	0.285	0.267	0.254	0.253		0.261	5.9
Atrazine		0.234	0.215	0.215	0.214	0.144	0.204	17.0
Pentachlorophenol		0.162	0.167	0.171	0.171	0.155	0.165	4.2
2-Methylphenol		1.348	1.368	1.376	1.330	1.309	1.346	2.0
Phenanthrene	1.058	1.211	1.142	1.085	1.042		1.107	6.2
Pentachlorobenzene	0.308	0.351	0.328	0.310	0.314		0.322	5.6
Anthracene	1.027	1.225	1.159	1.096	1.035		1.108	7.6
1,2,3,4-Tetrachlorobenzene	0.284	0.337	0.317	0.308	0.336		0.317	7.0
Carbazole		1.070	1.039	1.016	0.942	0.801	0.973	11.0
Di-n-butylphthalate	1.126	1.341	1.328	1.345	1.255		1.279	7.3
Fluoranthene	1.188	1.518	1.500	1.438	1.418		1.412	9.4
Pyrene	1.335	1.640	1.615	1.522	1.459		1.514	8.2
Butylbenzylphthalate	0.481	0.621	0.653	0.685	0.688		0.626	13.6
3,3-Dichlorobenzidine		0.459	0.452	0.480	0.435	0.356	0.436	11.0
2,2-oxybis(1-Chloropropane)		2.370	2.294	2.238	2.084	1.939	2.185	7.9
Benzo(a)anthracene	1.325	1.543	1.462	1.454	1.428		1.442	5.5
Chrysene	1.275	1.444	1.384	1.357	1.322		1.356	4.7
Bis(2-ethylhexyl)phthalate	0.723	0.906	0.938	0.994	0.948		0.902	11.6
Di-n-octyl phthalate		1.362	1.462	1.665	1.520	1.472	1.496	7.4
Benzo(b)fluoranthene	1.117	1.379	1.290	1.330	1.265		1.276	7.8
Benzo(k)fluoranthene	1.157	1.371	1.337	1.309	1.215		1.278	7.0
Benzo(a)pyrene	1.033	1.229	1.194	1.193	1.157		1.161	6.6
Indeno(1,2,3-cd)pyrene	1.280	1.393	1.420	1.361	1.538		1.398	6.7
Dibenzo(a,h)anthracene	1.054	1.144	1.168	1.119	1.232		1.144	5.7
Benzo(g,h,i)perylene	0.990	1.068	1.081	1.027	1.198		1.073	7.3
Acetophenone		2.337	2.325	2.285	2.052	1.865	2.173	9.5
2,3,4,6-Tetrachlorophenol	0.333	0.386	0.386	0.382	0.363		0.370	6.1
1,4-Dioxane-d8	0.508	0.545	0.524	0.480	0.483		0.508	5.4
Pyridine-d5		1.547	1.494	1.453	1.455	1.414	1.472	3.4

All other compounds must meet a minimum RRF of 0.010.

CHEMTECH

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102624 SAS No.: BM102624 SDG No.: BM102624

Instrument ID: Calibration Date(s): 10/26/2024

Calibration Time(s): 10:35

LAB FILE ID: RRFAL1 = BM048241.D RRFAL2 = BM048242.D RRFAL3 = BM048243.D
RRFAL4 = BM048244.D RRFAL5 = BM048245.D RRFAL6 = BM048246.D

COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.714	1.706	1.722	1.706	1.743	1.718	0.9
Bis-(2-Chloroethyl)ether-d8		1.103	1.096	1.071	1.043	1.009	1.064	3.7
2-Chlorophenol-d4	1.187	1.455	1.449	1.442	1.453		1.397	8.4
4-Methylphenol-d8		1.396	1.388	1.416	1.343	1.355	1.380	2.2
Nitrobenzene-d5	0.139	0.168	0.169	0.169	0.176		0.164	8.8
2-Nitrophenol-d4	0.140	0.177	0.184	0.191	0.197		0.178	12.7
2,4-Dichlorophenol-d3	0.272	0.337	0.336	0.340	0.335		0.324	9.0
4-Chloroaniline-d4		0.475	0.462	0.470	0.444	0.400	0.450	6.8
4-Methylphenol		1.523	1.523	1.543	1.448	1.392	1.486	4.3
Dimethylphthalate-d6	1.396	1.596	1.527	1.516	1.437		1.495	5.3
Acenaphthylene-d8	1.494	1.772	1.733	1.731	1.697		1.685	6.6
4-Nitrophenol-d4		0.239	0.278	0.300	0.284	0.266	0.273	8.4
Fluorene-d10	1.188	1.363	1.301	1.269	1.193		1.263	5.9
4,6-Dinitro-2-methylphenol-		0.126	0.131	0.137	0.137	0.129	0.132	3.7
Anthracene-d10	0.881	1.019	0.981	0.941	0.907		0.946	5.8
Pyrene-d10	1.028	1.290	1.288	1.237	1.225		1.214	8.9
Benzo(a)pyrene-d12	0.938	1.118	1.078	1.083	1.057		1.055	6.5
N-Nitroso-di-n-propylamine	0.993	1.210	1.186	1.166	1.016		1.114	9.1

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 11:23

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	227528	7.722	968895	10.51	640093	14.36
	UPPER LIMIT	455056	8.222	1937790	11.01	1280186	14.863
	LOWER LIMIT	113764	7.222	484447.5	10.01	320046.5	13.863
	EPA SAMPLE NO.						
01	SBLK422	238767	7.72	954805	10.51	597740	14.36
02	GCNY8	196032	7.72	846644	10.51	560569	14.36
03	GCNY9	236166	7.72	1.01286e	10.51	687606	14.36
04	GCNZ0	230411	7.72	983030	10.51	637522	14.36
05	GCNZ1	197790	7.72	832220	10.51	543186	14.36
06	GCNZ2	224405	7.72	967844	10.51	641602	14.36
07	GCNZ3	254218	7.72	1.07456e	10.51	710188	14.36
08	E1L65	211850	7.72	863555	10.51	539401	14.36
09	E1L67	201328	7.72	824633	10.51	498200	14.36
10	E1L78	226872	7.72	927318	10.51	562891	14.36
11	E1L98	244192	7.72	1.02641e	10.51	659005	14.36
12	GCNZ4	227197	7.72	925008	10.51	574933	14.36
13	SLCS422	212272	7.72	883869	10.51	574273	14.36
14	SBLK423	241779	7.72	1.01492e	10.51	633615	14.36
15	SBLK389	295326	7.72	1.24661e	10.51	797276	14.36
16	F7H16	220371	7.72	925926	10.51	603192	14.36
17	F7H17	207941	7.72	841523	10.51	519065	14.36
18	F7H25	212390	7.72	884593	10.50	557969	14.36
19	F7H21	217703	7.72	908200	10.51	574573	14.36
20	F7H22	207972	7.72	864951	10.50	525806	14.36
21	F7H23	229954	7.72	961544	10.50	601575	14.36
22	F7H35	213630	7.72	867524	10.50	530269	14.36
23	F7H36	201712	7.72	854618	10.50	539668	14.36

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 03:45

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	227528	7.722	968895	10.51	640093	14.36
	UPPER LIMIT	455056	8.222	1937790	11.01	1280186	14.863
	LOWER LIMIT	113764	7.222	484447.5	10.01	320046.5	13.863
	EPA SAMPLE NO.						
24	F7H37	226952	7.72	957410	10.50	606116	14.36
25	F7H45	231144	7.72	989295	10.50	609778	14.36
26	F7H46	226431	7.72	981989	10.50	637159	14.36
27	F7H47	217761	7.72	930625	10.50	586436	14.36
28	SLCS423	262293	7.72	1.12089e	10.50	686442	14.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020188 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048249.D Time Analyzed: 11:23

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	218715	7.722	914095	10.51	569155	14.36
	UPPER LIMIT	437430	8.222	1828190	11.01	1138310	14.863
	LOWER LIMIT	109357.5	7.222	457047.5	10.01	284577.5	13.863
	EPA SAMPLE NO.						
01	SBLK422	238767	7.72	954805	10.51	597740	14.36
02	GCNY8	196032	7.72	846644	10.51	560569	14.36
03	GCNY9	236166	7.72	1.01286e	10.51	687606	14.36
04	GCNZ0	230411	7.72	983030	10.51	637522	14.36
05	GCNZ1	197790	7.72	832220	10.51	543186	14.36
06	GCNZ2	224405	7.72	967844	10.51	641602	14.36
07	GCNZ3	254218	7.72	1.07456e	10.51	710188	14.36
08	E1L65	211850	7.72	863555	10.51	539401	14.36
09	E1L67	201328	7.72	824633	10.51	498200	14.36
10	E1L78	226872	7.72	927318	10.51	562891	14.36
11	E1L98	244192	7.72	1.02641e	10.51	659005	14.36
12	GCNZ4	227197	7.72	925008	10.51	574933	14.36
13	SLCS422	212272	7.72	883869	10.51	574273	14.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020189 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048263.D Time Analyzed: 21:13

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	205897	7.716	853600	10.51	544170	14.36
	UPPER LIMIT	411794	8.216	1707200	11.01	1088340	14.863
	LOWER LIMIT	102948.5	7.216	426800	10.01	272085	13.863
	EPA SAMPLE NO.						
01	SBLK423	241779	7.72	1.01492e	10.51	633615	14.36
02	SBLK389	295326	7.72	1.24661e	10.51	797276	14.36
03	F7H16	220371	7.72	925926	10.51	603192	14.36
04	F7H17	207941	7.72	841523	10.51	519065	14.36
05	F7H25	212390	7.72	884593	10.50	557969	14.36
06	F7H21	217703	7.72	908200	10.51	574573	14.36
07	F7H22	207972	7.72	864951	10.50	525806	14.36
08	F7H23	229954	7.72	961544	10.50	601575	14.36
09	F7H35	213630	7.72	867524	10.50	530269	14.36
10	F7H36	201712	7.72	854618	10.50	539668	14.36
11	F7H37	226952	7.72	957410	10.50	606116	14.36
12	F7H45	231144	7.72	989295	10.50	609778	14.36
13	F7H46	226431	7.72	981989	10.50	637159	14.36
14	F7H47	217761	7.72	930625	10.50	586436	14.36
15	SLCS423	262293	7.72	1.12089e	10.50	686442	14.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 11:23

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.29764e+0(	17.109	1.10326e+	21.333	1.10674e+0(	24.285
	UPPER LIMIT	2595280	17.609	2206520	21.833	2213480	24.785
	LOWER LIMIT	648820	16.609	551630	20.833	553370	23.785
	EPA SAMPLE NO.						
01	SBLK422	1.18786	17.10	1.1022e+0	21.33	1.29634e+	24.28
02	GCNY8	1.16701	17.10	994796	21.33	998394	24.28
03	GCNY9	1.45158	17.10	1.42315e+	21.33	1.56217e+	24.28
04	GCNZ0	1.25472	17.10	1.01685e+	21.33	1.05811e+	24.27
05	GCNZ1	1.10664	17.10	904552	21.33	920321	24.28
06	GCNZ2	1.32281	17.10	1.12034e+	21.33	1.11806e+	24.28
07	GCNZ3	1.47988	17.10	1.39471e+	21.33	1.44536e+	24.28
08	E1L65	1.07121	17.10	957222	21.33	1.05809e+	24.28
09	E1L67	955108	17.10	811165	21.33	905610	24.28
10	E1L78	1.08887	17.10	936073	21.33	1.04555e+	24.28
11	E1L98	1.28151	17.10	989471	21.33	1.03636e+	24.27
12	GCNZ4	1.13823	17.10	1.01239e+	21.33	1.13006e+	24.27
13	SLCS422	1.16446	17.10	1.12265e+	21.33	1.28357e+	24.27
14	SBLK423	1.22406	17.10	1.00923e+	21.33	1.10731e+	24.28
15	SBLK389	1.55338	17.10	1.22416e+	21.33	1.31816e+	24.27
16	F7H16	1.20422	17.10	967233	21.33	988732	24.27
17	F7H17	1.04774	17.10	954038	21.33	1.08057e+	24.27
18	F7H25	1.08909	17.10	903560	21.33	970473	24.27
19	F7H21	1.12898	17.10	968421	21.33	1.03347e+	24.27
20	F7H22	1.01752	17.10	874154	21.33	986336	24.27
21	F7H23	1.13956	17.10	956631	21.33	1.06105e+	24.27

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020036 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048243.D Time Analyzed: 02:27

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.29764e+0(	17.109	1.10326e+	21.333	1.10674e+0(	24.285
	UPPER LIMIT	2595280	17.609	2206520	21.833	2213480	24.785
	LOWER LIMIT	648820	16.609	551630	20.833	553370	23.785
	EPA SAMPLE NO.						
22	F7H35	1.07783	17.10	1.02292e+	21.33	1.19442e+	24.27
23	F7H36	1.04665	17.10	889771	21.33	952588	24.27
24	F7H37	1.15977	17.10	930270	21.33	990172	24.27
25	F7H45	1.16485	17.10	953736	21.33	1.03812e+	24.27
26	F7H46	1.24802	17.10	972945	21.33	1.00223e+	24.27
27	F7H47	1.11672	17.10	896437	21.33	964656	24.27
28	SLCS423	1.25801	17.10	976039	21.33	1.01856e+	24.27

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020188 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048249.D Time Analyzed: 11:23

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.1111e+00(	17.104	993232	21.333	1.09615e+0(	24.28
	UPPER LIMIT	2222200	17.604	1986464	21.833	2192300	24.78
	LOWER LIMIT	555550	16.604	496616	20.833	548075	23.78
	EPA SAMPLE NO.						
01	SBLK422	1.18786	17.10	1.1022e+0	21.33	1.29634e+	24.28
02	GCNY8	1.16701	17.10	994796	21.33	998394	24.28
03	GCNY9	1.45158	17.10	1.42315e+	21.33	1.56217e+	24.28
04	GCNZ0	1.25472	17.10	1.01685e+	21.33	1.05811e+	24.27
05	GCNZ1	1.10664	17.10	904552	21.33	920321	24.28
06	GCNZ2	1.32281	17.10	1.12034e+	21.33	1.11806e+	24.28
07	GCNZ3	1.47988	17.10	1.39471e+	21.33	1.44536e+	24.28
08	E1L65	1.07121	17.10	957222	21.33	1.05809e+	24.28
09	E1L67	955108	17.10	811165	21.33	905610	24.28
10	E1L78	1.08887	17.10	936073	21.33	1.04555e+	24.28
11	E1L98	1.28151	17.10	989471	21.33	1.03636e+	24.27
12	GCNZ4	1.13823	17.10	1.01239e+	21.33	1.13006e+	24.27
13	SLCS422	1.16446	17.10	1.12265e+	21.33	1.28357e+	24.27

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020189 Date Analyzed: Oct 28 2024 12:00AM

Lab File ID: BM048263.D Time Analyzed: 21:13

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.08857e+0(	17.104	1.02159e+	21.327	1.14796e+0(	24.274
	UPPER LIMIT	2177140	17.604	2043180	21.827	2295920	24.774
	LOWER LIMIT	544285	16.604	510795	20.827	573980	23.774
	EPA SAMPLE NO.						
01	SBLK423	1.22406	17.10	1.00923e+	21.33	1.10731e+	24.28
02	SBLK389	1.55338	17.10	1.22416e+	21.33	1.31816e+	24.27
03	F7H16	1.20422	17.10	967233	21.33	988732	24.27
04	F7H17	1.04774	17.10	954038	21.33	1.08057e+	24.27
05	F7H25	1.08909	17.10	903560	21.33	970473	24.27
06	F7H21	1.12898	17.10	968421	21.33	1.03347e+	24.27
07	F7H22	1.01752	17.10	874154	21.33	986336	24.27
08	F7H23	1.13956	17.10	956631	21.33	1.06105e+	24.27
09	F7H35	1.07783	17.10	1.02292e+	21.33	1.19442e+	24.27
10	F7H36	1.04665	17.10	889771	21.33	952588	24.27
11	F7H37	1.15977	17.10	930270	21.33	990172	24.27
12	F7H45	1.16485	17.10	953736	21.33	1.03812e+	24.27
13	F7H46	1.24802	17.10	972945	21.33	1.00223e+	24.27
14	F7H47	1.11672	17.10	896437	21.33	964656	24.27
15	SLCS423	1.25801	17.10	976039	21.33	1.01856e+	24.27

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

EPA Sample No.: SSTD020189 Date Analyzed: Oct 29 2024 12:00AM

Lab File ID: BM048263.D Time Analyzed: 06:23

Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.08857e+0(	17.104	1.02159e+	21.327	1.14796e+0(	24.274
UPPER LIMIT	2177140	17.604	2043180	21.827	2295920	24.774
LOWER LIMIT	544285	16.604	510795	20.827	573980	23.774
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164422BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	4.5	ug/L	11				0	0	
	Pyridine	40	27	ug/L	68				0	0	
	Phenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0	
	2-Chlorophenol	40	28	ug/L	70				0	0	
	2-Methylphenol	40	27	ug/L	68				0	0	
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				0	0	
	Acetophenone	40	27	ug/L	68				0	0	
	4-Methylphenol	40	28	ug/L	70				0	0	
	N-Nitroso-di-n-propylamine	40	26	ug/L	65				0	0	
	Hexachloroethane	40	27	ug/L	68				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	26	ug/L	65				0	0	
	2-Nitrophenol	40	27	ug/L	68				0	0	
	2,4-Dimethylphenol	40	26	ug/L	65				0	0	
	Bis(2-chloroethoxy)methane	40	26	ug/L	65				0	0	
	2,4-Dichlorophenol	40	28	ug/L	70				0	0	
	Naphthalene	40	27	ug/L	68				0	0	
	4-Chloroaniline	40	14	ug/L	35				0	0	
	Hexachlorobutadiene	40	27	ug/L	68				0	0	
	Caprolactam	40	26	ug/L	65				0	0	
	4-Chloro-3-methylphenol	40	27	ug/L	68				0	0	
	1-Methylnaphthalene	40	26	ug/L	65				0	0	
	2-Methylnaphthalene	40	27	ug/L	68				0	0	
	Hexachlorocyclopentadiene	40	22	ug/L	55				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0	
	1,1'-Biphenyl	40	26	ug/L	65				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	27	ug/L	68				0	0	
	Dimethylphthalate	40	26	ug/L	65				0	0	
	2,6-Dinitrotoluene	40	27	ug/L	68				0	0	
	Acenaphthylene	40	27	ug/L	68				0	0	
	3-Nitroaniline	40	24	ug/L	60				0	0	
	Acenaphthene	40	26	ug/L	65				0	0	
	2,4-Dinitrophenol	40	25	ug/L	63				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	27	ug/L	68				0	0	
	2,4-Dinitrotoluene	40	28	ug/L	70				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	27	ug/L	68				0	0	
	4-Chlorophenyl-phenylether	40	27	ug/L	68				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164422BS	4,6-Dinitro-2-methylphenol	40	27	ug/L	68				0	0	
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0	
	1,2,4,5-Tetrachlorobenzene	40	26	ug/L	65				0	0	
	4-Bromophenyl-phenylether	40	26	ug/L	65				0	0	
	Hexachlorobenzene	40	26	ug/L	65				0	0	
	Atrazine	40	28	ug/L	70				0	0	
	Pentachlorophenol	40	27	ug/L	68				0	0	
	Phenanthrene	40	27	ug/L	68				0	0	
	Pentachlorobenzene	40	25	ug/L	63				0	0	
	Anthracene	40	27	ug/L	68				0	0	
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0	
	Carbazole	40	29	ug/L	73				0	0	
	Di-n-butylphthalate	40	28	ug/L	70				0	0	
	Fluoranthene	40	26	ug/L	65				0	0	
	Pyrene	40	26	ug/L	65				0	0	
	Butylbenzylphthalate	40	27	ug/L	68				0	0	
	3,3'-Dichlorobenzidine	40	26	ug/L	65				0	0	
	Benzo(a)anthracene	40	27	ug/L	68				0	0	
	Chrysene	40	27	ug/L	68				0	0	
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0	
	Di-n-octylphthalate	40	26	ug/L	65				0	0	
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0	
	Benzo(a)pyrene	40	28	ug/L	70				0	0	
	Indeno(1,2,3-cd)pyrene	40	30	ug/L	75				0	0	
	Dibenzo(a,h)anthracene	40	30	ug/L	75				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0	
	2,3,4,6-Tetrachlorophenol	40	28	ug/L	70				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164423BS	1,4-Dioxane	16	11	ug/L	69				0	0	
	Benzaldehyde	40	4.9	ug/L	12				0	0	
	Pyridine	40	30	ug/L	75				0	0	
	Phenol	40	32	ug/L	80				0	0	
	Bis(2-chloroethyl)ether	40	30	ug/L	75				0	0	
	2-Chlorophenol	40	32	ug/L	80				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0	
	Acetophenone	40	30	ug/L	75				0	0	
	4-Methylphenol	40	31	ug/L	78				0	0	
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0	
	Hexachloroethane	40	30	ug/L	75				0	0	
	Nitrobenzene	40	29	ug/L	73				0	0	
	Isophorone	40	29	ug/L	73				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	28	ug/L	70				0	0	
	Bis(2-chloroethoxy)methane	40	29	ug/L	73				0	0	
	2,4-Dichlorophenol	40	31	ug/L	78				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	29	ug/L	73				0	0	
	Caprolactam	40	27	ug/L	68				0	0	
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0	
	1-Methylnaphthalene	40	28	ug/L	70				0	0	
	2-Methylnaphthalene	40	29	ug/L	73				0	0	
	Hexachlorocyclopentadiene	40	26	ug/L	65				0	0	
	2,4,6-Trichlorophenol	40	31	ug/L	78				0	0	
	2,4,5-Trichlorophenol	40	31	ug/L	78				0	0	
	1,1'-Biphenyl	40	30	ug/L	75				0	0	
	2-Chloronaphthalene	40	30	ug/L	75				0	0	
	2-Nitroaniline	40	30	ug/L	75				0	0	
	Dimethylphthalate	40	29	ug/L	73				0	0	
	2,6-Dinitrotoluene	40	30	ug/L	75				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	28	ug/L	70				0	0	
	Acenaphthene	40	29	ug/L	73				0	0	
	2,4-Dinitrophenol	40	26	ug/L	65				0	0	
	4-Nitrophenol	40	27	ug/L	68				0	0	
	Dibenzofuran	40	29	ug/L	73				0	0	
	2,4-Dinitrotoluene	40	29	ug/L	73				0	0	
	Diethylphthalate	40	28	ug/L	70				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB164423BS	4,6-Dinitro-2-methylphenol	40	30	ug/L	75				0	0	
	N-Nitrosodiphenylamine	40	31	ug/L	78				0	0	
	1,2,4,5-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0	
	Hexachlorobenzene	40	29	ug/L	73				0	0	
	Atrazine	40	31	ug/L	78				0	0	
	Pentachlorophenol	40	30	ug/L	75				0	0	
	Phenanthrene	40	29	ug/L	73				0	0	
	Pentachlorobenzene	40	30	ug/L	75				0	0	
	Anthracene	40	30	ug/L	75				0	0	
	1,2,3,4-Tetrachlorobenzene	40	31	ug/L	78				0	0	
	Carbazole	40	30	ug/L	75				0	0	
	Di-n-butylphthalate	40	30	ug/L	75				0	0	
	Fluoranthene	40	32	ug/L	80				0	0	
	Pyrene	40	31	ug/L	78				0	0	
	Butylbenzylphthalate	40	31	ug/L	78				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	30	ug/L	75				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78				0	0	
	Di-n-octylphthalate	40	30	ug/L	75				0	0	
	Benzo(b)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(k)fluoranthene	40	31	ug/L	78				0	0	
	Benzo(a)pyrene	40	31	ug/L	78				0	0	
	Indeno(1,2,3-cd)pyrene	40	33	ug/L	83				0	0	
	Dibenzo(a,h)anthracene	40	33	ug/L	83				0	0	
	Benzo(g,h,i)perylene	40	33	ug/L	83				0	0	
	2,3,4,6-Tetrachlorophenol	40	29	ug/L	73				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK389

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048265.D Lab Sample ID: PB164389BL

Instrument ID: BNA_M Date Extracted: 10/24/2024

Matrix: (soil/water) Solid Date Analyzed: 10/28/2024

Level: (low/med) LOW Time Analyzed: 21:52

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
F7H16	P4529-07	BM048266.D	10/28/2024
F7H17	P4529-08	BM048267.D	10/28/2024
F7H25	P4529-10	BM048268.D	10/28/2024
F7H21	P4529-11	BM048269.D	10/29/2024
F7H22	P4529-12	BM048270.D	10/29/2024
F7H23	P4529-13	BM048271.D	10/29/2024
F7H35	P4529-14	BM048272.D	10/29/2024
F7H36	P4529-15	BM048273.D	10/29/2024
F7H37	P4529-16	BM048274.D	10/29/2024
F7H45	P4529-17	BM048275.D	10/29/2024
F7H46	P4529-18	BM048276.D	10/29/2024
F7H47	P4529-19	BM048277.D	10/29/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK422

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048250.D Lab Sample ID: PB164422BL

Instrument ID: BNA_M Date Extracted: 10/25/2024

Matrix: (soil/water) Water Date Analyzed: 10/28/2024

Level: (low/med) LOW Time Analyzed: 11:23

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
GCNY8	P4559-13	BM048251.D	10/28/2024
GCNY9	P4559-14	BM048252.D	10/28/2024
GCNZ0	P4559-15	BM048253.D	10/28/2024
GCNZ1	P4559-16	BM048254.D	10/28/2024
GCNZ2	P4559-17	BM048255.D	10/28/2024
GCNZ3	P4559-18	BM048256.D	10/28/2024
PB164422BS	PB164422BS	BM048262.D	10/28/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK423

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM102824 SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048264.D Lab Sample ID: PB164423BL

Instrument ID: BNA_M Date Extracted: 10/25/2024

Matrix: (soil/water) Water Date Analyzed: 10/28/2024

Level: (low/med) LOW Time Analyzed: 21:13

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1L65	P4534-05	BM048257.D	10/28/2024
E1L67	P4534-06	BM048258.D	10/28/2024
E1L78	P4534-07	BM048259.D	10/28/2024
E1L98	P4534-08	BM048260.D	10/28/2024
GCNZ4	P4559-19	BM048261.D	10/28/2024
PB164423BS	PB164423BS	BM048278.D	10/29/2024

COMMENTS:

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4529-07	F7H16	BM048266.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Pyridine-d5	40	17.45	44		20	120
			Phenol-d5	40	17.99	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.89	47		10	150
			2-Chlorophenol-d4	40	18.52	46		15	120
			4-Methylphenol-d8	40	18.49	46		10	140
			Nitrobenzene-d5	40	18.24	46		10	135
			2-Nitrophenol-d4	40	18.48	46		10	120
			2,4-Dichlorophenol-d3	40	17.57	44		10	140
			4-Chloroaniline-d4	40	17.82	45		1	145
			Dimethylphthalate-d6	40	19.84	50		10	145
			Acenaphthylene-d8	40	19.41	49		15	120
			4-Nitrophenol-d4	40	10.68	27		10	150
			Fluorene-d10	40	20.05	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.13	30		10	130
			Anthracene-d10	40	20.32	51		10	150
			Pyrene-d10	40	21.72	54		10	130
			Benzo(a)pyrene-d12	40	20.33	51		10	140
P4529-08	F7H17	BM048267.D	1,4-Dioxane-d8	8	3.85	48		15	120
			Pyridine-d5	40	15.56	39		20	120
			Phenol-d5	40	18.88	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.18	50		10	150
			2-Chlorophenol-d4	40	20.11	50		15	120
			4-Methylphenol-d8	40	18.94	47		10	140
			Nitrobenzene-d5	40	20.07	50		10	135
			2-Nitrophenol-d4	40	19.78	49		10	120
			2,4-Dichlorophenol-d3	40	18.93	47		10	140
			4-Chloroaniline-d4	40	18.60	47		1	145
			Dimethylphthalate-d6	40	20.96	52		10	145
			Acenaphthylene-d8	40	21.04	53		15	120
			4-Nitrophenol-d4	40	9.43	24		10	150
			Fluorene-d10	40	21.59	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.08	28		10	130
			Anthracene-d10	40	21.70	54		10	150
			Pyrene-d10	40	21.58	54		10	130
			Benzo(a)pyrene-d12	40	21.58	54		10	140
P4529-10	F7H25	BM048268.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	15.92	40		20	120
			Phenol-d5	40	18.55	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.14	50		10	150
			2-Chlorophenol-d4	40	19.61	49		15	120
			4-Methylphenol-d8	40	19.04	48		10	140
			Nitrobenzene-d5	40	19.74	49		10	135
			2-Nitrophenol-d4	40	19.57	49		10	120
			2,4-Dichlorophenol-d3	40	18.22	46		10	140
			4-Chloroaniline-d4	40	18.72	47		1	145
			Dimethylphthalate-d6	40	20.93	52		10	145
			Acenaphthylene-d8	40	20.73	52		15	120
			4-Nitrophenol-d4	40	12.31	31		10	150

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4529-10	F7H25	BM048268.D	Fluorene-d10	40	21.31	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.56	34		10	130
			Anthracene-d10	40	21.73	54		10	150
			Pyrene-d10	40	22.30	56		10	130
			Benzo(a)pyrene-d12	40	21.77	54		10	140
P4529-11	F7H21	BM048269.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	9.30	23		20	120
			Phenol-d5	40	16.37	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.32	43		10	150
			2-Chlorophenol-d4	40	17.06	43		15	120
			4-Methylphenol-d8	40	16.83	42		10	140
			Nitrobenzene-d5	40	16.80	42		10	135
			2-Nitrophenol-d4	40	16.89	42		10	120
			2,4-Dichlorophenol-d3	40	16.27	41		10	140
			4-Chloroaniline-d4	40	16.00	40		1	145
			Dimethylphthalate-d6	40	18.54	46		10	145
			Acenaphthylene-d8	40	18.32	46		15	120
			4-Nitrophenol-d4	40	10.65	27		10	150
			Fluorene-d10	40	19.03	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.24	31		10	130
			Anthracene-d10	40	19.10	48		10	150
			Pyrene-d10	40	19.66	49		10	130
			Benzo(a)pyrene-d12	40	19.45	49		10	140
P4529-12	F7H22	BM048270.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Pyridine-d5	40	13.04	33		20	120
			Phenol-d5	40	18.95	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.12	50		10	150
			2-Chlorophenol-d4	40	19.89	50		15	120
			4-Methylphenol-d8	40	19.32	48		10	140
			Nitrobenzene-d5	40	19.20	48		10	135
			2-Nitrophenol-d4	40	19.09	48		10	120
			2,4-Dichlorophenol-d3	40	17.65	44		10	140
			4-Chloroaniline-d4	40	18.14	45		1	145
			Dimethylphthalate-d6	40	21.04	53		10	145
			Acenaphthylene-d8	40	21.12	53		15	120
			4-Nitrophenol-d4	40	11.70	29		10	150
			Fluorene-d10	40	21.12	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.77	34		10	130
			Anthracene-d10	40	21.77	54		10	150
			Pyrene-d10	40	22.18	55		10	130
			Benzo(a)pyrene-d12	40	21.57	54		10	140
P4529-13	F7H23	BM048271.D	1,4-Dioxane-d8	8	5.01	63		15	120
			Pyridine-d5	40	23.42	59		20	120
			Phenol-d5	40	25.94	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.93	70		10	150
			2-Chlorophenol-d4	40	27.07	68		15	120
			4-Methylphenol-d8	40	27.60	69		10	140
			Nitrobenzene-d5	40	27.18	68		10	135
			2-Nitrophenol-d4	40	28.15	70		10	120

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4529-13	F7H23	BM048271.D	2,4-Dichlorophenol-d3	40	26.30	66		10	140
			4-Chloroaniline-d4	40	29.32	73		1	145
			Dimethylphthalate-d6	40	31.09	78		10	145
			Acenaphthylene-d8	40	31.00	77		15	120
			4-Nitrophenol-d4	40	17.29	43		10	150
			Fluorene-d10	40	32.43	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.00	55		10	130
			Anthracene-d10	40	34.58	86		10	150
			Pyrene-d10	40	34.99	87		10	130
			Benzo(a)pyrene-d12	40	34.89	87		10	140
P4529-14	F7H35	BM048272.D	1,4-Dioxane-d8	8	4.19	52		15	120
			Pyridine-d5	40	13.77	34		20	120
			Phenol-d5	40	20.95	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.24	56		10	150
			2-Chlorophenol-d4	40	21.86	55		15	120
			4-Methylphenol-d8	40	20.84	52		10	140
			Nitrobenzene-d5	40	21.69	54		10	135
			2-Nitrophenol-d4	40	21.38	53		10	120
			2,4-Dichlorophenol-d3	40	20.02	50		10	140
			4-Chloroaniline-d4	40	20.69	52		1	145
			Dimethylphthalate-d6	40	22.98	57		10	145
			Acenaphthylene-d8	40	23.69	59		15	120
			4-Nitrophenol-d4	40	14.47	36		10	150
			Fluorene-d10	40	24.32	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.49	36		10	130
			Anthracene-d10	40	24.64	62		10	150
			Pyrene-d10	40	23.69	59		10	130
			Benzo(a)pyrene-d12	40	24.73	62		10	140
P4529-15	F7H36	BM048273.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	15.07	38		20	120
			Phenol-d5	40	16.01	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.41	41		10	150
			2-Chlorophenol-d4	40	16.41	41		15	120
			4-Methylphenol-d8	40	16.45	41		10	140
			Nitrobenzene-d5	40	15.67	39		10	135
			2-Nitrophenol-d4	40	15.54	39		10	120
			2,4-Dichlorophenol-d3	40	14.95	37		10	140
			4-Chloroaniline-d4	40	16.16	40		1	145
			Dimethylphthalate-d6	40	17.69	44		10	145
			Acenaphthylene-d8	40	17.14	43		15	120
			4-Nitrophenol-d4	40	9.70	24		10	150
			Fluorene-d10	40	17.97	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.64	27		10	130
			Anthracene-d10	40	18.66	47		10	150
			Pyrene-d10	40	19.09	48		10	130
			Benzo(a)pyrene-d12	40	18.80	47		10	140
P4529-16	F7H37	BM048274.D	1,4-Dioxane-d8	8	5.80	72		15	120
			Pyridine-d5	40	30.15	75		20	120
			Phenol-d5	40	32.46	81		10	130

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4529-16	F7H37	BM048274.D	Bis(2-Chloroethyl)ether-d8	40	33.56	84		10	150
			2-Chlorophenol-d4	40	33.24	83		15	120
			4-Methylphenol-d8	40	33.55	84		10	140
			Nitrobenzene-d5	40	33.89	85		10	135
			2-Nitrophenol-d4	40	34.53	86		10	120
			2,4-Dichlorophenol-d3	40	32.31	81		10	140
			4-Chloroaniline-d4	40	34.39	86		1	145
			Dimethylphthalate-d6	40	34.86	87		10	145
			Acenaphthylene-d8	40	35.54	89		15	120
			4-Nitrophenol-d4	40	22.20	56		10	150
			Fluorene-d10	40	35.45	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.57	61		10	130
			Anthracene-d10	40	36.50	91		10	150
			Pyrene-d10	40	38.61	97		10	130
			Benzo(a)pyrene-d12	40	37.02	93		10	140
P4529-17	F7H45	BM048275.D	1,4-Dioxane-d8	8	3.95	49		15	120
			Pyridine-d5	40	18.31	46		20	120
			Phenol-d5	40	20.37	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.42	54		10	150
			2-Chlorophenol-d4	40	20.99	52		15	120
			4-Methylphenol-d8	40	20.55	51		10	140
			Nitrobenzene-d5	40	20.30	51		10	135
			2-Nitrophenol-d4	40	20.43	51		10	120
			2,4-Dichlorophenol-d3	40	19.46	49		10	140
			4-Chloroaniline-d4	40	19.91	50		1	145
			Dimethylphthalate-d6	40	20.85	52		10	145
			Acenaphthylene-d8	40	21.44	54		15	120
			4-Nitrophenol-d4	40	12.07	30		10	150
			Fluorene-d10	40	21.34	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.37	33		10	130
			Anthracene-d10	40	21.60	54		10	150
			Pyrene-d10	40	22.36	56		10	130
			Benzo(a)pyrene-d12	40	21.48	54		10	140
P4529-18	F7H46	BM048276.D	1,4-Dioxane-d8	8	4.18	52		15	120
			Pyridine-d5	40	17.61	44		20	120
			Phenol-d5	40	19.79	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.55	54		10	150
			2-Chlorophenol-d4	40	21.08	53		15	120
			4-Methylphenol-d8	40	20.53	51		10	140
			Nitrobenzene-d5	40	20.40	51		10	135
			2-Nitrophenol-d4	40	20.76	52		10	120
			2,4-Dichlorophenol-d3	40	19.59	49		10	140
			4-Chloroaniline-d4	40	20.64	52		1	145
			Dimethylphthalate-d6	40	21.10	53		10	145
			Acenaphthylene-d8	40	21.15	53		15	120
			4-Nitrophenol-d4	40	12.07	30		10	150
			Fluorene-d10	40	21.51	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.62	34		10	130
			Anthracene-d10	40	21.84	55		10	150

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4529-18	F7H46	BM048276.D	Pyrene-d10	40	23.53	59		10	130
			Benzo(a)pyrene-d12	40	22.03	55		10	140
P4529-19	F7H47	BM048277.D	1,4-Dioxane-d8	8	4.29	54		15	120
			Pyridine-d5	40	21.87	55		20	120
			Phenol-d5	40	23.46	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.48	61		10	150
			2-Chlorophenol-d4	40	24.42	61		15	120
			4-Methylphenol-d8	40	24.09	60		10	140
			Nitrobenzene-d5	40	24.00	60		10	135
			2-Nitrophenol-d4	40	24.28	61		10	120
			2,4-Dichlorophenol-d3	40	22.40	56		10	140
			4-Chloroaniline-d4	40	23.45	59		1	145
			Dimethylphthalate-d6	40	24.60	61		10	145
			Acenaphthylene-d8	40	25.07	63		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150
			Fluorene-d10	40	24.85	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.85	40		10	130
			Anthracene-d10	40	25.67	64		10	150
			Pyrene-d10	40	26.91	67		10	130
			Benzo(a)pyrene-d12	40	25.98	65		10	140
PB164389BL	PB164389BL	BM048265.D	1,4-Dioxane-d8	8	4.40	55		15	120
			Pyridine-d5	40	21.48	54		20	120
			Phenol-d5	40	21.02	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.48	56		10	150
			2-Chlorophenol-d4	40	22.02	55		15	120
			4-Methylphenol-d8	40	21.18	53		10	140
			Nitrobenzene-d5	40	21.99	55		10	135
			2-Nitrophenol-d4	40	22.19	55		10	120
			2,4-Dichlorophenol-d3	40	19.99	50		10	140
			4-Chloroaniline-d4	40	21.94	55		1	145
			Dimethylphthalate-d6	40	22.40	56		10	145
			Acenaphthylene-d8	40	22.32	56		15	120
			4-Nitrophenol-d4	40	16.03	40		10	150
			Fluorene-d10	40	22.60	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.78	44		10	130
			Anthracene-d10	40	23.41	59		10	150
			Pyrene-d10	40	24.43	61		10	130
			Benzo(a)pyrene-d12	40	23.02	58		10	140

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4559-13	GCNY8	BM048251.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Pyridine-d5	40	7.46	19	*	20	120
			Phenol-d5	40	8.72	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.47	91		25	120
			2-Chlorophenol-d4	40	31.93	80		20	130
			4-Methylphenol-d8	40	21.20	53		25	125
			Nitrobenzene-d5	40	35.56	89		20	125
			2-Nitrophenol-d4	40	36.64	92		20	130
			2,4-Dichlorophenol-d3	40	33.16	83		20	120
			4-Chloroaniline-d4	40	29.91	75		1	146
			Dimethylphthalate-d6	40	37.85	95		25	130
			Acenaphthylene-d8	40	36.52	91		10	130
			4-Nitrophenol-d4	40	6.07	15		10	150
			Fluorene-d10	40	38.71	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.06	83		10	130
			Anthracene-d10	40	39.91	100		25	130
			Pyrene-d10	40	41.42	104		15	130
			Benzo(a)pyrene-d12	40	41.02	103		20	130
P4559-14	GCNY9	BM048252.D	1,4-Dioxane-d8	8	4.59	57		15	120
			Pyridine-d5	40	5.98	15	*	20	120
			Phenol-d5	40	6.73	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.05	73		25	120
			2-Chlorophenol-d4	40	25.54	64		20	130
			4-Methylphenol-d8	40	16.43	41		25	125
			Nitrobenzene-d5	40	28.73	72		20	125
			2-Nitrophenol-d4	40	29.62	74		20	130
			2,4-Dichlorophenol-d3	40	26.94	67		20	120
			4-Chloroaniline-d4	40	22.93	57		1	146
			Dimethylphthalate-d6	40	31.00	78		25	130
			Acenaphthylene-d8	40	29.05	73		10	130
			4-Nitrophenol-d4	40	4.80	12		10	150
			Fluorene-d10	40	31.25	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.50	69		10	130
			Anthracene-d10	40	32.66	82		25	130
			Pyrene-d10	40	31.10	78		15	130
			Benzo(a)pyrene-d12	40	32.23	81		20	130
P4559-15	GCNZ0	BM048253.D	1,4-Dioxane-d8	8	4.39	55		15	120
			Pyridine-d5	40	5.02	13	*	20	120
			Phenol-d5	40	7.25	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.41	79		25	120
			2-Chlorophenol-d4	40	27.55	69		20	130
			4-Methylphenol-d8	40	18.19	45		25	125
			Nitrobenzene-d5	40	30.98	77		20	125
			2-Nitrophenol-d4	40	31.83	80		20	130
			2,4-Dichlorophenol-d3	40	28.56	71		20	120
			4-Chloroaniline-d4	40	23.74	59		1	146
			Dimethylphthalate-d6	40	32.80	82		25	130
			Acenaphthylene-d8	40	31.93	80		10	130
			4-Nitrophenol-d4	40	4.70	12		10	150

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4559-15	GCNZ0	BM048253.D	Fluorene-d10	40	33.44	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.90	72		10	130
			Anthracene-d10	40	35.49	89		25	130
			Pyrene-d10	40	37.16	93		15	130
			Benzo(a)pyrene-d12	40	35.95	90		20	130
P4559-16	GCNZ1	BM048254.D	1,4-Dioxane-d8	8	5.03	63		15	120
			Pyridine-d5	40	5.12	13	*	20	120
			Phenol-d5	40	8.05	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.67	84		25	120
			2-Chlorophenol-d4	40	29.86	75		20	130
			4-Methylphenol-d8	40	20.30	51		25	125
			Nitrobenzene-d5	40	33.68	84		20	125
			2-Nitrophenol-d4	40	34.91	87		20	130
			2,4-Dichlorophenol-d3	40	32.13	80		20	120
			4-Chloroaniline-d4	40	16.67	42		1	146
			Dimethylphthalate-d6	40	38.31	96		25	130
			Acenaphthylene-d8	40	35.57	89		10	130
			4-Nitrophenol-d4	40	5.97	15		10	150
			Fluorene-d10	40	38.57	96		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.07	85		10	130
			Anthracene-d10	40	40.68	102		25	130
			Pyrene-d10	40	43.20	108		15	130
			Benzo(a)pyrene-d12	40	41.05	103		20	130
P4559-17	GCNZ2	BM048255.D	1,4-Dioxane-d8	8	4.60	57		15	120
			Pyridine-d5	40	9.72	24		20	120
			Phenol-d5	40	8.82	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.86	85		25	120
			2-Chlorophenol-d4	40	30.43	76		20	130
			4-Methylphenol-d8	40	20.96	52		25	125
			Nitrobenzene-d5	40	33.58	84		20	125
			2-Nitrophenol-d4	40	34.18	85		20	130
			2,4-Dichlorophenol-d3	40	31.14	78		20	120
			4-Chloroaniline-d4	40	28.68	72		1	146
			Dimethylphthalate-d6	40	35.18	88		25	130
			Acenaphthylene-d8	40	34.14	85		10	130
			4-Nitrophenol-d4	40	6.29	16		10	150
			Fluorene-d10	40	36.07	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.63	79		10	130
			Anthracene-d10	40	37.92	95		25	130
			Pyrene-d10	40	39.53	99		15	130
			Benzo(a)pyrene-d12	40	38.05	95		20	130
P4559-18	GCNZ3	BM048256.D	1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	7.25	18	*	20	120
			Phenol-d5	40	7.11	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.13	73		25	120
			2-Chlorophenol-d4	40	26.22	66		20	130
			4-Methylphenol-d8	40	17.54	44		25	125
			Nitrobenzene-d5	40	29.29	73		20	125
			2-Nitrophenol-d4	40	29.91	75		20	130

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4559-18	GCNZ3	BM048256.D	2,4-Dichlorophenol-d3	40	27.22	68		20	120
			4-Chloroaniline-d4	40	24.33	61		1	146
			Dimethylphthalate-d6	40	31.35	78		25	130
			Acenaphthylene-d8	40	30.10	75		10	130
			4-Nitrophenol-d4	40	5.83	15		10	150
			Fluorene-d10	40	32.15	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.35	76		10	130
			Anthracene-d10	40	35.66	89		25	130
			Pyrene-d10	40	34.59	86		15	130
			Benzo(a)pyrene-d12	40	35.48	89		20	130
PB164422BL	PB164422BL	BM048250.D	Pyridine-d5	40	24.62	62		20	120
			1,4-Dioxane-d8	8	5.26	66		15	120
			Phenol-d5	40	23.99	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.96	62		25	120
			2-Chlorophenol-d4	40	25.14	63		20	130
			4-Methylphenol-d8	40	23.45	59		25	125
			Nitrobenzene-d5	40	25.45	64		20	125
			2-Nitrophenol-d4	40	25.61	64		20	130
			2,4-Dichlorophenol-d3	40	23.69	59		20	120
			4-Chloroaniline-d4	40	24.64	62		1	146
			Dimethylphthalate-d6	40	24.98	62		25	130
			Acenaphthylene-d8	40	25.13	63		10	130
			4-Nitrophenol-d4	40	19.09	48		10	150
			Fluorene-d10	40	25.49	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.41	51		10	130
			Anthracene-d10	40	26.35	66		25	130
			Pyrene-d10	40	25.42	64		15	130
			Benzo(a)pyrene-d12	40	26.44	66		20	130
PB164422BS	PB164422BS	BM048262.D	1,4-Dioxane-d8	8	5.48	68		15	120
			Pyridine-d5	40	27.06	68		20	120
			Phenol-d5	40	27.64	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.19	65		25	120
			2-Chlorophenol-d4	40	28.08	70		20	130
			4-Methylphenol-d8	40	27.12	68		25	125
			Nitrobenzene-d5	40	26.95	67		20	125
			2-Nitrophenol-d4	40	27.56	69		20	130
			2,4-Dichlorophenol-d3	40	28.33	71		20	120
			4-Chloroaniline-d4	40	24.55	61		1	146
			Dimethylphthalate-d6	40	26.24	66		25	130
			Acenaphthylene-d8	40	26.75	67		10	130
			4-Nitrophenol-d4	40	27.63	69		10	150
			Fluorene-d10	40	26.62	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.77	67		10	130
			Anthracene-d10	40	27.18	68		25	130
			Pyrene-d10	40	25.84	65		15	130
			Benzo(a)pyrene-d12	40	27.72	69		20	130

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4534-05	E1L65	BM048257.D	1,4-Dioxane-d8	8	5.15	64		15	120
			Pyridine-d5	40	7.83	20		20	120
			Phenol-d5	40	7.74	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.27	83		25	120
			2-Chlorophenol-d4	40	29.04	73		20	130
			4-Methylphenol-d8	40	18.78	47		25	125
			Nitrobenzene-d5	40	33.40	83		20	125
			2-Nitrophenol-d4	40	34.00	85		20	130
			2,4-Dichlorophenol-d3	40	30.47	76		20	120
			4-Chloroaniline-d4	40	27.77	69		1	146
			Dimethylphthalate-d6	40	36.31	91		25	130
			Acenaphthylene-d8	40	34.74	87		10	130
			4-Nitrophenol-d4	40	5.11	13		10	150
			Fluorene-d10	40	36.77	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.83	85		10	130
			Anthracene-d10	40	41.24	103		25	130
			Pyrene-d10	40	41.44	104		15	130
			Benzo(a)pyrene-d12	40	42.84	107		20	130
P4534-06	E1L67	BM048258.D	1,4-Dioxane-d8	8	5.18	65		15	120
			Pyridine-d5	40	11.38	28		20	120
			Phenol-d5	40	8.43	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.78	87		25	120
			2-Chlorophenol-d4	40	31.10	78		20	130
			4-Methylphenol-d8	40	21.38	53		25	125
			Nitrobenzene-d5	40	35.22	88		20	125
			2-Nitrophenol-d4	40	36.08	90		20	130
			2,4-Dichlorophenol-d3	40	31.66	79		20	120
			4-Chloroaniline-d4	40	29.46	74		1	146
			Dimethylphthalate-d6	40	37.58	94		25	130
			Acenaphthylene-d8	40	36.80	92		10	130
			4-Nitrophenol-d4	40	4.70	12		10	150
			Fluorene-d10	40	38.19	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.09	83		10	130
			Anthracene-d10	40	41.48	104		25	130
			Pyrene-d10	40	42.06	105		15	130
			Benzo(a)pyrene-d12	40	43.07	108		20	130
P4534-07	E1L78	BM048259.D	1,4-Dioxane-d8	8	4.52	56		15	120
			Pyridine-d5	40	6.12	15	*	20	120
			Phenol-d5	40	8.00	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.62	74		25	120
			2-Chlorophenol-d4	40	26.06	65		20	130
			4-Methylphenol-d8	40	19.66	49		25	125
			Nitrobenzene-d5	40	29.93	75		20	125
			2-Nitrophenol-d4	40	30.93	77		20	130
			2,4-Dichlorophenol-d3	40	27.47	69		20	120
			4-Chloroaniline-d4	40	22.96	57		1	146
			Dimethylphthalate-d6	40	33.26	83		25	130
			Acenaphthylene-d8	40	31.24	78		10	130
			4-Nitrophenol-d4	40	4.79	12		10	150

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4534-07	E1L78	BM048259.D	Fluorene-d10	40	32.94	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.53	76		10	130
			Anthracene-d10	40	37.55	94		25	130
			Pyrene-d10	40	38.35	96		15	130
			Benzo(a)pyrene-d12	40	38.84	97		20	130
P4534-08	E1L98	BM048260.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Pyridine-d5	40	6.09	15	*	20	120
			Phenol-d5	40	6.63	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.27	73		25	120
			2-Chlorophenol-d4	40	25.74	64		20	130
			4-Methylphenol-d8	40	16.72	42		25	125
			Nitrobenzene-d5	40	29.50	74		20	125
			2-Nitrophenol-d4	40	29.96	75		20	130
			2,4-Dichlorophenol-d3	40	26.75	67		20	120
			4-Chloroaniline-d4	40	10.05	25		1	146
			Dimethylphthalate-d6	40	32.18	80		25	130
			Acenaphthylene-d8	40	29.94	75		10	130
			4-Nitrophenol-d4	40	4.27	11		10	150
			Fluorene-d10	40	32.31	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.98	75		10	130
			Anthracene-d10	40	36.53	91		25	130
			Pyrene-d10	40	39.63	99		15	130
			Benzo(a)pyrene-d12	40	37.99	95		20	130
P4559-19	GCNZ4	BM048261.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	5.98	15	*	20	120
			Phenol-d5	40	7.24	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.92	72		25	120
			2-Chlorophenol-d4	40	26.11	65		20	130
			4-Methylphenol-d8	40	17.10	43		25	125
			Nitrobenzene-d5	40	29.09	73		20	125
			2-Nitrophenol-d4	40	29.29	73		20	130
			2,4-Dichlorophenol-d3	40	26.44	66		20	120
			4-Chloroaniline-d4	40	22.35	56		1	146
			Dimethylphthalate-d6	40	29.47	74		25	130
			Acenaphthylene-d8	40	29.74	74		10	130
			4-Nitrophenol-d4	40	4.29	11		10	150
			Fluorene-d10	40	30.27	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.98	62		10	130
			Anthracene-d10	40	32.30	81		25	130
			Pyrene-d10	40	32.19	80		15	130
			Benzo(a)pyrene-d12	40	32.32	81		20	130
PB164423BL	PB164423BL	BM048264.D	1,4-Dioxane-d8	8	5.21	65		15	120
			Pyridine-d5	40	25.32	63		20	120
			Phenol-d5	40	24.24	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.82	65		25	120
			2-Chlorophenol-d4	40	25.56	64		20	130
			4-Methylphenol-d8	40	24.31	61		25	125
			Nitrobenzene-d5	40	25.51	64		20	125
			2-Nitrophenol-d4	40	25.54	64		20	130

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Surrogate Summary

SW-846

SDG No.: BM102824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB164423BL	PB164423BL	BM048264.D	2,4-Dichlorophenol-d3	40	22.56	56		20	120
			4-Chloroaniline-d4	40	24.71	62		1	146
			Dimethylphthalate-d6	40	26.10	65		25	130
			Acenaphthylene-d8	40	25.81	65		10	130
			4-Nitrophenol-d4	40	18.22	46		10	150
			Fluorene-d10	40	26.16	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.04	53		10	130
			Anthracene-d10	40	27.28	68		25	130
			Pyrene-d10	40	28.17	70		15	130
			Benzo(a)pyrene-d12	40	27.58	69		20	130
PB164423BS	PB164423BS	BM048278.D	1,4-Dioxane-d8	8	5.97	75		15	120
			Pyridine-d5	40	29.08	73		20	120
			Phenol-d5	40	31.21	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.04	75		25	120
			2-Chlorophenol-d4	40	31.98	80		20	130
			4-Methylphenol-d8	40	30.59	76		25	125
			Nitrobenzene-d5	40	30.09	75		20	125
			2-Nitrophenol-d4	40	30.77	77		20	130
			2,4-Dichlorophenol-d3	40	30.76	77		20	120
			4-Chloroaniline-d4	40	27.43	69		1	146
			Dimethylphthalate-d6	40	28.43	71		25	130
			Acenaphthylene-d8	40	29.63	74		10	130
			4-Nitrophenol-d4	40	28.59	71		10	150
			Fluorene-d10	40	28.33	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.70	74		10	130
			Anthracene-d10	40	29.91	75		25	130
			Pyrene-d10	40	31.51	79		15	130
			Benzo(a)pyrene-d12	40	31.19	78		20	130

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM102824

Lab Code: CHEM SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048248.D DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_M DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.8 (19.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020188	SSTDCCC020	BM048249.D	10/28/2024	10:44
SBLK422	PB164422BL	BM048250.D	10/28/2024	11:23
GCNY8	P4559-13	BM048251.D	10/28/2024	12:02
GCNY9	P4559-14	BM048252.D	10/28/2024	12:42
GCNZ0	P4559-15	BM048253.D	10/28/2024	13:21
GCNZ1	P4559-16	BM048254.D	10/28/2024	14:00
GCNZ2	P4559-17	BM048255.D	10/28/2024	14:40
GCNZ3	P4559-18	BM048256.D	10/28/2024	15:19
E1L65	P4534-05	BM048257.D	10/28/2024	15:58
E1L67	P4534-06	BM048258.D	10/28/2024	16:38
E1L78	P4534-07	BM048259.D	10/28/2024	17:17
E1L98	P4534-08	BM048260.D	10/28/2024	17:56
GCNZ4	P4559-19	BM048261.D	10/28/2024	18:36
SLCS422	PB164422BS	BM048262.D	10/28/2024	19:15
SSTD020189	SSTDCCC020	BM048263.D	10/28/2024	20:33
SBLK423	PB164423BL	BM048264.D	10/28/2024	21:13
SBLK389	PB164389BL	BM048265.D	10/28/2024	21:52
F7H16	P4529-07	BM048266.D	10/28/2024	22:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM102824

Lab Code: CHEM SAS No.: BM102824 SDG NO.: BM102824

Lab File ID: BM048248.D DFTPP Injection Date: 10/28/2024

Instrument ID: BNA_M DFTPP Injection Time: 09:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.5 (1.5) 1
69	Mass 69 relative abundance	33.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	86.8
443	15.0 - 24.0% of mass 442	16.8 (19.3) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
F7H17	P4529-08	BM048267.D	10/28/2024	23:10
F7H25	P4529-10	BM048268.D	10/28/2024	23:50
F7H21	P4529-11	BM048269.D	10/29/2024	00:29
F7H22	P4529-12	BM048270.D	10/29/2024	01:08
F7H23	P4529-13	BM048271.D	10/29/2024	01:48
F7H35	P4529-14	BM048272.D	10/29/2024	02:27
F7H36	P4529-15	BM048273.D	10/29/2024	03:06
F7H37	P4529-16	BM048274.D	10/29/2024	03:45
F7H45	P4529-17	BM048275.D	10/29/2024	04:25
F7H46	P4529-18	BM048276.D	10/29/2024	05:04
F7H47	P4529-19	BM048277.D	10/29/2024	05:43
SLCS423	PB164423BS	BM048278.D	10/29/2024	06:23
SSTD020190	SSTDCCC020EC	BM048279.D	10/29/2024	07:41