

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG No.: BF081224

Instrument ID: BNA_F Calibration Date/Time: 8/12/2024 1:10:08

Lab File ID: BF138924.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.818	0.874		6.846	
Pyridine	1.374	1.269		-7.642	
2-Fluorophenol	1.296	1.306		0.772	
Benzaldehyde	1.043	0.871		-16.491	
Aniline	1.551	1.505		-2.966	
Phenol-d6	1.740	1.709		-1.782	
Phenol	1.832	1.785		-2.512	20.0
bis(2-Chloroethyl) ether	1.409	1.322		-6.175	
2-Chlorophenol	1.363	1.347		-1.174	
1,2-Dichlorobenzene	1.439	1.464		1.737	
1,3-Dichlorobenzene	1.526	1.516		-0.655	
1,4-Dichlorobenzene	1.540	1.541		0.065	20.0
Benzyl Alcohol	1.254	1.312		4.625	
2-Methylphenol	1.126	1.118		-0.71	
2,2-oxybis(1-Chloropropane)	2.426	2.170		-10.552	
Acetophenone	0.490	0.522		6.531	
3+4-Methylphenols	1.444	1.461		1.177	
n-Nitroso-di-n-propylamine	1.051	1.048	0.050	-0.285	
Nitrobenzene-d5	0.409	0.430		5.134	
Hexachloroethane	0.580	0.600		3.448	
Nitrobenzene	0.416	0.431		3.606	
Isophorone	0.699	0.700		0.143	
2-Nitrophenol	0.179	0.181		1.117	20.0
2,4-Dimethylphenol	0.214	0.218		1.869	
bis(2-Chloroethoxy) methane	0.425	0.410		-3.529	
2,4-Dichlorophenol	0.275	0.287		4.364	20.0
1,2,4-Trichlorobenzene	0.318	0.326		2.516	
Benzoic acid	0.168	0.152		-9.524	
Naphthalene	1.053	1.073		1.899	
4-Chloroaniline	0.353	0.339		-3.966	
Hexachlorobutadiene	0.192	0.210		9.375	20.0
Caprolactam	0.082	0.087		6.098	
4-Chloro-3-methylphenol	0.315	0.335		6.349	20.0
2-Methylnaphthalene	0.665	0.682		2.556	
Hexachlorocyclopentadiene	0.120	0.142	0.050	18.333	
2,4,6-Trichlorophenol	0.339	0.341		0.59	20.0
2-Fluorobiphenyl	1.331	1.389		4.358	
2,4,5-Trichlorophenol	0.370	0.362		-2.162	
1,1-Biphenyl	1.566	1.565		-0.064	

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Lab File ID: BF138924.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.174		0.773	
2-Nitroaniline	0.395	0.410		3.797	
Dimethylphthalate	1.279	1.333		4.222	
Acenaphthylene	1.652	1.664		0.726	
2,6-Dinitrotoluene	0.289	0.309		6.92	
3-Nitroaniline	0.298	0.298		0.0	
Acenaphthene	1.111	1.100		-0.99	20.0
2,4-Dinitrophenol	0.133	0.135	0.050	1.504	
4-Nitrophenol	0.179	0.170	0.050	-5.028	
Dibenzofuran	1.568	1.586		1.148	
2,4-Dinitrotoluene	0.368	0.394		7.065	
Diethylphthalate	1.213	1.306		7.667	
4-Chlorophenyl-phenylether	0.614	0.647		5.375	
Fluorene	1.249	1.300		4.083	
4-Nitroaniline	0.284	0.282		-0.704	
4,6-Dinitro-2-methylphenol	0.122	0.127		4.098	
n-Nitrosodiphenylamine	0.625	0.628		0.48	20.0
Azobenzene	1.345	1.357		0.892	
2,4,6-Tribromophenol	0.164	0.168		2.439	
4-Bromophenyl-phenylether	0.217	0.222		2.304	
Hexachlorobenzene	0.224	0.225		0.446	
Atrazine	0.161	0.141		-12.422	
Pentachlorophenol	0.101	0.101		0.0	20.0
Phenanthrene	1.030	1.036		0.583	
Anthracene	1.015	1.017		0.197	
Carbazole	0.875	0.871		-0.457	
Di-n-butylphthalate	0.984	1.058		7.52	
Fluoranthene	0.961	0.946		-1.561	20.0
Benzidine	0.478	0.467		-2.301	
Pyrene	1.883	1.939		2.974	
Terphenyl-d14	1.195	1.225		2.51	
Butylbenzylphthalate	0.603	0.604		0.166	
3,3-Dichlorobenzidine	0.352	0.377		7.102	
Benzo(a)anthracene	1.377	1.338		-2.832	
Chrysene	1.243	1.269		2.092	
Bis(2-ethylhexyl)phthalate	0.883	0.823		-6.795	
Di-n-octyl phthalate	1.634	1.566		-4.162	20.0
Benzo(b)fluoranthene	1.240	1.216		-1.935	
Benzo(k)fluoranthene	1.073	1.047		-2.423	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG No.: BF081224

Instrument ID: BNA_F Calibration Date/Time: 8/12/2024 1:10:08

Lab File ID: BF138924.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.024		-1.822	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.329		-7.258	
Dibenzo(a,h)anthracene	1.177	1.070		-9.091	
Benzo(g,h,i)perylene	1.221	1.094		-10.401	
1,2,4,5-Tetrachlorobenzene	0.556	0.563		1.259	
1,4-Dioxane	0.567	0.503		-11.287	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.279		-1.413	
1-Methylnaphthalene	0.652	0.666		2.147	

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.: BF081224 SAS No.: BF081224 SDG No.: BF081224

Instrument ID: BNA_F Calibration Date/Time: 8/12/2024 17:55

Lab File ID: BF138939.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.818	0.897		9.658	50.0
Pyridine	1.374	1.297		-5.604	50.0
2-Fluorophenol	1.296	1.312		1.235	50.0
Benzaldehyde	1.043	0.954		-8.533	50.0
Aniline	1.551	1.552		0.064	50.0
Phenol-d6	1.740	1.778		2.184	50.0
Phenol	1.832	1.816		-0.819	50.0
bis(2-Chloroethyl) ether	1.409	1.359		-3.549	50.0
2-Chlorophenol	1.363	1.393		2.201	50.0
1,2-Dichlorobenzene	1.439	1.470		2.154	50.0
1,3-Dichlorobenzene	1.526	1.533		0.459	50.0
1,4-Dichlorobenzene	1.540	1.536		-0.26	50.0
Benzyl Alcohol	1.254	1.376		9.729	50.0
2-Methylphenol	1.126	1.136		0.888	50.0
2,2-oxybis(1-Chloropropane)	2.426	2.276		-6.183	50.0
Acetophenone	0.490	0.520		6.122	50.0
3+4-Methylphenols	1.444	1.541		6.717	50.0
n-Nitroso-di-n-propylamine	1.051	1.106	0.050	5.233	50.0
Nitrobenzene-d5	0.409	0.424		3.667	50.0
Hexachloroethane	0.580	0.605		4.31	50.0
Nitrobenzene	0.416	0.423		1.683	50.0
Isophorone	0.699	0.709		1.431	50.0
2-Nitrophenol	0.179	0.185		3.352	50.0
2,4-Dimethylphenol	0.214	0.215		0.467	50.0
bis(2-Chloroethoxy) methane	0.425	0.417		-1.882	50.0
2,4-Dichlorophenol	0.275	0.286		4.0	50.0
1,2,4-Trichlorobenzene	0.318	0.323		1.572	50.0
Benzoic acid	0.168	0.150		-10.714	50.0
Naphthalene	1.053	1.057		0.38	50.0
4-Chloroaniline	0.353	0.318		-9.915	50.0
Hexachlorobutadiene	0.192	0.211		9.896	50.0
Caprolactam	0.082	0.075		-8.537	50.0
4-Chloro-3-methylphenol	0.315	0.323		2.54	50.0
2-Methylnaphthalene	0.665	0.675		1.504	50.0
Hexachlorocyclopentadiene	0.120	0.124	0.050	3.333	50.0
2,4,6-Trichlorophenol	0.339	0.348		2.655	50.0
2-Fluorobiphenyl	1.331	1.430		7.438	50.0
2,4,5-Trichlorophenol	0.370	0.365		-1.351	50.0
1,1-Biphenyl	1.566	1.597		1.98	50.0

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EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.178		1.116	50.0
2-Nitroaniline	0.395	0.396		0.253	50.0
Dimethylphthalate	1.279	1.257		-1.72	50.0
Acenaphthylene	1.652	1.633		-1.15	50.0
2,6-Dinitrotoluene	0.289	0.286		-1.038	50.0
3-Nitroaniline	0.298	0.264		-11.409	50.0
Acenaphthene	1.111	1.095		-1.44	50.0
2,4-Dinitrophenol	0.133	0.140	0.050	5.263	50.0
4-Nitrophenol	0.179	0.114	0.050	-36.313	50.0
Dibenzofuran	1.568	1.544		-1.531	50.0
2,4-Dinitrotoluene	0.368	0.356		-3.261	50.0
Diethylphthalate	1.213	1.201		-0.989	50.0
4-Chlorophenyl-phenylether	0.614	0.621		1.14	50.0
Fluorene	1.249	1.248		-0.08	50.0
4-Nitroaniline	0.284	0.238		-16.197	50.0
4,6-Dinitro-2-methylphenol	0.122	0.119		-2.459	50.0
n-Nitrosodiphenylamine	0.625	0.655		4.8	50.0
Azobenzene	1.345	1.285		-4.461	50.0
2,4,6-Tribromophenol	0.164	0.157		-4.268	50.0
4-Bromophenyl-phenylether	0.217	0.228		5.069	50.0
Hexachlorobenzene	0.224	0.232		3.571	50.0
Atrazine	0.161	0.143		-11.18	50.0
Pentachlorophenol	0.101	0.097		-3.96	50.0
Phenanthrene	1.030	1.029		-0.097	50.0
Anthracene	1.015	1.018		0.296	50.0
Carbazole	0.875	0.823		-5.943	50.0
Di-n-butylphthalate	0.984	1.017		3.354	50.0
Fluoranthene	0.961	0.930		-3.226	50.0
Benzidine	0.478	0.269		-43.724	50.0
Pyrene	1.883	1.649		-12.427	50.0
Terphenyl-d14	1.195	1.078		-9.791	50.0
Butylbenzylphthalate	0.603	0.634		5.141	50.0
3,3-Dichlorobenzidine	0.352	0.409		16.193	50.0
Benzo(a)anthracene	1.377	1.341		-2.614	50.0
Chrysene	1.243	1.260		1.368	50.0
Bis(2-ethylhexyl)phthalate	0.883	0.967		9.513	50.0
Di-n-octyl phthalate	1.634	1.831		12.056	50.0
Benzo(b)fluoranthene	1.240	1.227		-1.048	50.0
Benzo(k)fluoranthene	1.073	1.013		-5.592	50.0

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EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.026		-1.63	50.0
Indeno(1,2,3-cd)pyrene	1.433	1.369		-4.466	50.0
Dibenzo(a,h)anthracene	1.177	1.129		-4.078	50.0
Benzo(g,h,i)perylene	1.221	1.161		-4.914	50.0
1,2,4,5-Tetrachlorobenzene	0.556	0.574		3.237	50.0
1,4-Dioxane	0.567	0.517		-8.818	50.0
2,3,4,6-Tetrachlorophenol	0.283	0.267		-5.654	50.0
1-Methylnaphthalene	0.652	0.655		0.46	50.0

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.: BF081224 SAS No.: BF081224 SDG No.: BF081224

Instrument ID: BNA_F Calibration Date/Time: 8/12/2024 1:18:57

Lab File ID: BF138941.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.818	0.904		10.513	
Pyridine	1.374	1.253		-8.806	
2-Fluorophenol	1.296	1.268		-2.16	
Benzaldehyde	1.043	0.961		-7.862	
Aniline	1.551	1.567		1.032	
Phenol-d6	1.740	1.747		0.402	
Phenol	1.832	1.832		0.055	20.0
bis(2-Chloroethyl) ether	1.409	1.329		-5.678	
2-Chlorophenol	1.363	1.386		1.687	
1,2-Dichlorobenzene	1.439	1.470		2.154	
1,3-Dichlorobenzene	1.526	1.506		-1.311	
1,4-Dichlorobenzene	1.540	1.505		-2.273	20.0
Benzyl Alcohol	1.254	1.385		10.447	
2-Methylphenol	1.126	1.147		1.865	
2,2-oxybis(1-Chloropropane)	2.426	2.260		-6.843	
Acetophenone	0.490	0.526		7.347	
3+4-Methylphenols	1.444	1.539		6.579	
n-Nitroso-di-n-propylamine	1.051	1.132	0.050	7.707	
Nitrobenzene-d5	0.409	0.425		3.912	
Hexachloroethane	0.580	0.601		3.621	
Nitrobenzene	0.416	0.424		1.923	
Isophorone	0.699	0.735		5.15	
2-Nitrophenol	0.179	0.189		5.587	20.0
2,4-Dimethylphenol	0.214	0.214		0.0	
bis(2-Chloroethoxy) methane	0.425	0.424		-0.235	
2,4-Dichlorophenol	0.275	0.290		5.455	20.0
1,2,4-Trichlorobenzene	0.318	0.319		0.314	
Benzoic acid	0.168	0.153		-8.929	
Naphthalene	1.053	1.062		0.855	
4-Chloroaniline	0.353	0.350		-0.85	
Hexachlorobutadiene	0.192	0.206		7.292	20.0
Caprolactam	0.082	0.091		10.976	
4-Chloro-3-methylphenol	0.315	0.344		9.206	20.0
2-Methylnaphthalene	0.665	0.691		3.91	
Hexachlorocyclopentadiene	0.120	0.123	0.050	2.5	
2,4,6-Trichlorophenol	0.339	0.335		-1.18	20.0
2-Fluorobiphenyl	1.331	1.356		1.878	
2,4,5-Trichlorophenol	0.370	0.370		0.0	
1,1-Biphenyl	1.566	1.554		-0.766	

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Instrument ID: BNA_F Calibration Date/Time: 8/12/2024 1:18:57

Lab File ID: BF138941.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.165	1.143		-1.888	
2-Nitroaniline	0.395	0.415		5.063	
Dimethylphthalate	1.279	1.358		6.177	
Acenaphthylene	1.652	1.623		-1.755	
2,6-Dinitrotoluene	0.289	0.309		6.92	
3-Nitroaniline	0.298	0.296		-0.671	
Acenaphthene	1.111	1.100		-0.99	20.0
2,4-Dinitrophenol	0.133	0.165	0.050	24.06	
4-Nitrophenol	0.179	0.217	0.050	21.229	
Dibenzofuran	1.568	1.583		0.957	
2,4-Dinitrotoluene	0.368	0.411		11.685	
Diethylphthalate	1.213	1.389		14.509	
4-Chlorophenyl-phenylether	0.614	0.651		6.026	
Fluorene	1.249	1.302		4.243	
4-Nitroaniline	0.284	0.293		3.169	
4,6-Dinitro-2-methylphenol	0.122	0.124		1.639	
n-Nitrosodiphenylamine	0.625	0.620		-0.8	20.0
Azobenzene	1.345	1.380		2.602	
2,4,6-Tribromophenol	0.164	0.176		7.317	
4-Bromophenyl-phenylether	0.217	0.219		0.922	
Hexachlorobenzene	0.224	0.223		-0.446	
Atrazine	0.161	0.160		-0.621	
Pentachlorophenol	0.101	0.108		6.931	20.0
Phenanthrene	1.030	1.045		1.456	
Anthracene	1.015	1.023		0.788	
Carbazole	0.875	0.875		0.0	
Di-n-butylphthalate	0.984	1.161		17.988	
Fluoranthene	0.961	0.984		2.393	20.0
Benzidine	0.478	0.329		-31.172	
Pyrene	1.883	1.942		3.133	
Terphenyl-d14	1.195	1.258		5.272	
Butylbenzylphthalate	0.603	0.667		10.614	
3,3-Dichlorobenzidine	0.352	0.357		1.42	
Benzo(a)anthracene	1.377	1.312		-4.72	
Chrysene	1.243	1.218		-2.011	
Bis(2-ethylhexyl)phthalate	0.883	0.864		-2.152	
Di-n-octyl phthalate	1.634	1.440		-11.873	20.0
Benzo(b)fluoranthene	1.240	1.339		7.984	
Benzo(k)fluoranthene	1.073	1.006		-6.244	

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Instrument ID: BNA_F Calibration Date/Time: 8/12/2024 1:18:57

Lab File ID: BF138941.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.043	1.043		0.0	20.0
Indeno(1,2,3-cd)pyrene	1.433	1.325		-7.537	
Dibenzo(a,h)anthracene	1.177	1.092		-7.222	
Benzo(g,h,i)perylene	1.221	1.096		-10.238	
1,2,4,5-Tetrachlorobenzene	0.556	0.550		-1.079	
1,4-Dioxane	0.567	0.492		-13.228	20.0
2,3,4,6-Tetrachlorophenol	0.283	0.300		6.007	
1-Methylnaphthalene	0.652	0.674		3.374	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BL	SDG No.:	BF081224
Lab Sample ID:	PB162487BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138925.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BL	SDG No.:	BF081224
Lab Sample ID:	PB162487BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF138925.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BL	SDG No.:	BF081224
Lab Sample ID:	PB162487BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF138925.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	154.295		18-112		103	SPK: -150
13127-88-3	Phenol-d6	149.969		15-107		100	SPK: -150
4165-60-0	Nitrobenzene-d5	103.078		18-107		103	SPK: -100
321-60-8	2-Fluorobiphenyl	103.14		20-109		103	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BL	SDG No.:	BF081224
Lab Sample ID:	PB162487BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF138925.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.487		10-116		106	SPK: -150
1718-51-0	Terphenyl-d14	129.412	*	10-105		129	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43107	6.84				
1146-65-2	Naphthalene-d8	176916	8.122				
15067-26-2	Acenaphthene-d10	100400	9.875				
1517-22-2	Phenanthrene-d10	183493	11.363				
1719-03-5	Chrysene-d12	94958	14.004				
1520-96-3	Perylene-d12	75204	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			2.199	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			5.093	
000111-06-8	Hexadecanoic acid, butyl ester	85.6	J			12.751	
000630-02-4	Octacosane	82	J			15.039	
027458-90-8	Disulfide, di-tert-dodecyl	77	J			16.498	

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BS	SDG No.:	BF081224
Lab Sample ID:	PB162487BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138926.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.7	270	330	ug/Kg
110-86-1	Pyridine	1100		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1100		180	270	330	ug/Kg
62-53-3	Aniline	1100		96.8	130	170	ug/Kg
108-95-2	Phenol	1600		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1400		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1600		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1600		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1500		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1200		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	810		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BS	SDG No.:	BF081224
Lab Sample ID:	PB162487BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BF138926.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1600		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1400		81	130	170	ug/Kg
Total PAH	Total PAH	25200		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2400		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3100		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1500		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1500		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BS	SDG No.:	BF081224
Lab Sample ID:	PB162487BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BF138926.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2400		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1800		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	450		160	270	330	ug/Kg
129-00-0	Pyrene	1600		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1600		80.6	130	170	ug/Kg
218-01-9	Chrysene	1500		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	129.776		18-112		87	SPK: -150
13127-88-3	Phenol-d6	125.987		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	86.651		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.265		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	PB162487BS	SDG No.:	BF081224
Lab Sample ID:	PB162487BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	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
BF138926.D	1	8/5/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162487

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	132.181		10-116		88	SPK: -150
1718-51-0	Terphenyl-d14	103.449		10-105		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49261	6.839				
1146-65-2	Naphthalene-d8	201466	8.122				
15067-26-2	Acenaphthene-d10	113454	9.874				
1517-22-2	Phenanthrene-d10	194377	11.363				
1719-03-5	Chrysene-d12	101916	14.004				
1520-96-3	Perylene-d12	92387	15.468				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BL	SDG No.:	BF081224
Lab Sample ID:	PB162605BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138927.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	86.8	U	86.8	270	330	ug/Kg
110-86-1	Pyridine	79.9	U	79.9	130	170	ug/Kg
100-52-7	Benzaldehyde	180	U	180	270	330	ug/Kg
62-53-3	Aniline	96.9	U	96.9	130	170	ug/Kg
108-95-2	Phenol	82.9	U	82.9	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	83.7	U	83.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	83.5	U	83.5	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	84.6	U	84.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	86	U	86	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	86.5	U	86.5	130	170	ug/Kg
100-51-6	Benzyl Alcohol	83	U	83	270	330	ug/Kg
95-48-7	2-Methylphenol	80.6	U	80.6	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90.9	U	90.9	130	170	ug/Kg
98-86-2	Acetophenone	86.9	U	86.9	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	79.8	U	79.8	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	40.3	U	40.3	80	80	ug/Kg
67-72-1	Hexachloroethane	83	U	83	130	170	ug/Kg
98-95-3	Nitrobenzene	90.8	U	90.8	130	170	ug/Kg
78-59-1	Isophorone	84.6	U	84.6	130	170	ug/Kg
88-75-5	2-Nitrophenol	94.5	U	94.5	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	93.2	U	93.2	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	85.8	U	85.8	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	75.5	U	75.5	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	85.4	U	85.4	130	170	ug/Kg
65-85-0	Benzoic acid	240	U	240	270	330	ug/Kg
91-20-3	Naphthalene	82.6	U	82.6	130	170	ug/Kg
106-47-8	4-Chloroaniline	82.6	U	82.6	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	83.3	U	83.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BL	SDG No.:	BF081224
Lab Sample ID:	PB162605BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF138927.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	86.8	U	86.8	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77.5	U	77.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	82.5	U	82.5	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71.4	U	71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	87.4	U	87.4	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	83.3	U	83.3	130	170	ug/Kg
88-74-4	2-Nitroaniline	95	U	95	130	170	ug/Kg
131-11-3	Dimethylphthalate	81.7	U	81.7	130	170	ug/Kg
208-96-8	Acenaphthylene	86.5	U	86.5	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	83.2	U	83.2	130	170	ug/Kg
99-09-2	3-Nitroaniline	89.2	U	89.2	130	170	ug/Kg
83-32-9	Acenaphthene	81.1	U	81.1	130	170	ug/Kg
Total PAH	Total PAH	1325.1	U	1325.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	270	330	ug/Kg
132-64-9	Dibenzofuran	84.4	U	84.4	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	169.4	U	169.4	130	340	ug/Kg
121-14-2	2,4-Dinitrotoluene	86.2	U	86.2	130	170	ug/Kg
84-66-2	Diethylphthalate	80.1	U	80.1	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	85.6	U	85.6	130	170	ug/Kg
86-73-7	Fluorene	85.5	U	85.5	130	170	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	81.6	U	81.6	130	170	ug/Kg
103-33-3	Azobenzene	79.6	U	79.6	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78.9	U	78.9	130	170	ug/Kg
118-74-1	Hexachlorobenzene	85	U	85	130	170	ug/Kg
1912-24-9	Atrazine	91.4	U	91.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BL	SDG No.:	BF081224
Lab Sample ID:	PB162605BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138927.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	77.3	U	77.3	270	330	ug/Kg
85-01-8	Phenanthrene	84	U	84	130	170	ug/Kg
120-12-7	Anthracene	84.4	U	84.4	130	170	ug/Kg
86-74-8	Carbazole	80.3	U	80.3	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	84.3	U	84.3	130	170	ug/Kg
206-44-0	Fluoranthene	81.7	U	81.7	130	170	ug/Kg
92-87-5	Benzidine	160	U	160	270	330	ug/Kg
129-00-0	Pyrene	83	U	83	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	96.8	U	96.8	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98.6	U	98.6	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	80.7	U	80.7	130	170	ug/Kg
218-01-9	Chrysene	79.5	U	79.5	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	91	U	91	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	81.1	U	81.1	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	82.6	U	82.6	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	78.1	U	78.1	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81.2	U	81.2	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	80.1	U	80.1	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	86.8	U	86.8	130	170	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74.7	U	74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	83.2	U	83.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	153.311		18-112		102	SPK: -150
13127-88-3	Phenol-d6	149.711		15-107		100	SPK: -150
4165-60-0	Nitrobenzene-d5	101.186		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	101.156		20-109		101	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BL	SDG No.:	BF081224
Lab Sample ID:	PB162605BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	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
BF138927.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.62		10-116		102	SPK: -150
1718-51-0	Terphenyl-d14	126.594	*	10-105		127	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44283	6.839				
1146-65-2	Naphthalene-d8	181661	8.122				
15067-26-2	Acenaphthene-d10	103488	9.875				
1517-22-2	Phenanthrene-d10	187736	11.363				
1719-03-5	Chrysene-d12	100085	14.004				
1520-96-3	Perylene-d12	79072	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			2.204	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	A			5.093	
000111-06-8	Hexadecanoic acid, butyl ester	85.6	J			12.751	

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BS	SDG No.:	BF081224
Lab Sample ID:	PB162605BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138928.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.7	270	330	ug/Kg
110-86-1	Pyridine	1200		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	1100		180	270	330	ug/Kg
62-53-3	Aniline	1000		96.8	130	170	ug/Kg
108-95-2	Phenol	1500		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1700		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1500		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1600		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1500		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1500		90.7	130	170	ug/Kg
78-59-1	Isophorone	1600		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1600		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1500		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1100		240	270	330	ug/Kg
91-20-3	Naphthalene	1500		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	730		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1600		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BS	SDG No.:	BF081224
Lab Sample ID:	PB162605BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138928.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1500		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3200	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500		71.4	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		74	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1500		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1000		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	1500		81	130	170	ug/Kg
Total PAH	Total PAH	25300		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	2400		120	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3200		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1700		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		85.5	130	170	ug/Kg
86-73-7	Fluorene	1600		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1400		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1600		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		84.9	130	170	ug/Kg
1912-24-9	Atrazine	1800		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BS	SDG No.:	BF081224
Lab Sample ID:	PB162605BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BF138928.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2500		77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1600		83.9	130	170	ug/Kg
120-12-7	Anthracene	1600		84.3	130	170	ug/Kg
86-74-8	Carbazole	1600		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1600		81.6	130	170	ug/Kg
92-87-5	Benzidine	480		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		80.6	130	170	ug/Kg
218-01-9	Chrysene	1600		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1100		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		74.7	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1500		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	128.902		18-112		86	SPK: -150
13127-88-3	Phenol-d6	125.848		15-107		84	SPK: -150
4165-60-0	Nitrobenzene-d5	87.227		18-107		87	SPK: -100
321-60-8	2-Fluorobiphenyl	86.068		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162605BS	SDG No.:	BF081224
Lab Sample ID:	PB162605BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	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
BF138928.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	136.266		10-116		91	SPK: -150
1718-51-0	Terphenyl-d14	115.065	*	10-105		115	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49606	6.84				
1146-65-2	Naphthalene-d8	200959	8.122				
15067-26-2	Acenaphthene-d10	114175	9.875				
1517-22-2	Phenanthrene-d10	195578	11.363				
1719-03-5	Chrysene-d12	89281	14.004				
1520-96-3	Perylene-d12	91704	15.468				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-10-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138929.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.6	U	90.6	280	340	ug/Kg
110-86-1	Pyridine	83.4	U	83.4	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	86.6	U	86.6	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.4	U	87.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.2	U	87.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.3	U	88.3	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	89.8	U	89.8	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.3	U	90.3	140	180	ug/Kg
100-51-6	Benzyl Alcohol	86.7	U	86.7	280	340	ug/Kg
95-48-7	2-Methylphenol	84.2	U	84.2	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	94.9	U	94.9	140	180	ug/Kg
98-86-2	Acetophenone	90.7	U	90.7	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.3	U	83.3	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.1	U	42.1	83.5	83.5	ug/Kg
67-72-1	Hexachloroethane	86.7	U	86.7	140	180	ug/Kg
98-95-3	Nitrobenzene	94.8	U	94.8	140	180	ug/Kg
78-59-1	Isophorone	88.3	U	88.3	140	180	ug/Kg
88-75-5	2-Nitrophenol	98.7	U	98.7	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.3	U	97.3	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.6	U	89.6	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	78.8	U	78.8	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.2	U	89.2	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	340	ug/Kg
91-20-3	Naphthalene	86.3	U	86.3	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.3	U	86.3	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87	U	87	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-10-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138929.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	90.6	U	90.6	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80.9	U	80.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.1	U	86.1	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.6	U	74.6	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.3	U	77.3	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91.3	U	91.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87	U	87	140	180	ug/Kg
88-74-4	2-Nitroaniline	99.2	U	99.2	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.3	U	85.3	140	180	ug/Kg
208-96-8	Acenaphthylene	90.3	U	90.3	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	86.9	U	86.9	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.1	U	93.1	140	180	ug/Kg
83-32-9	Acenaphthene	84.7	U	84.7	140	180	ug/Kg
Total PAH	Total PAH	1383.8	U	1383.8	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	88.1	U	88.1	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	76.9	U	176.9	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	90	U	90	140	180	ug/Kg
84-66-2	Diethylphthalate	83.6	U	83.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.4	U	89.4	140	180	ug/Kg
86-73-7	Fluorene	89.3	U	89.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.2	U	85.2	140	180	ug/Kg
103-33-3	Azobenzene	83.1	U	83.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.4	U	82.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	88.8	U	88.8	140	180	ug/Kg
1912-24-9	Atrazine	95.4	U	95.4	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-10-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	30.02 Units: g	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
BF138929.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.7	U	80.7	280	340	ug/Kg
85-01-8	Phenanthrene	87.7	U	87.7	140	180	ug/Kg
120-12-7	Anthracene	88.1	U	88.1	140	180	ug/Kg
86-74-8	Carbazole	83.9	U	83.9	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88	U	88	140	180	ug/Kg
206-44-0	Fluoranthene	85.3	U	85.3	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	86.7	U	86.7	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	84.3	U	84.3	140	180	ug/Kg
218-01-9	Chrysene	83	U	83	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95	U	95	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	84.7	U	84.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.3	U	86.3	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.1	U	97.1	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.6	U	81.6	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.8	U	84.8	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.6	U	83.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.6	U	90.6	140	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78	U	78	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	86.9	U	86.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	57.702		18-112		38	SPK: -150
13127-88-3	Phenol-d6	58.077		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	41.171		18-107		41	SPK: -100
321-60-8	2-Fluorobiphenyl	40.36		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-10-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.3
Sample Wt/Vol:	30.02 Units: g	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
BF138929.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.324		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	52.293		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39910	6.839				
1146-65-2	Naphthalene-d8	160073	8.122				
15067-26-2	Acenaphthene-d10	88239	9.874				
1517-22-2	Phenanthrene-d10	154854	11.357				
1719-03-5	Chrysene-d12	68705	13.998				
1520-96-3	Perylene-d12	73887	15.468				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-11-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138930.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.9	U	89.9	280	340	ug/Kg
110-86-1	Pyridine	82.8	U	82.8	130	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	340	ug/Kg
62-53-3	Aniline	100	U	100	130	180	ug/Kg
108-95-2	Phenol	85.9	U	85.9	130	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.7	U	86.7	130	180	ug/Kg
95-57-8	2-Chlorophenol	86.5	U	86.5	130	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.6	U	87.6	130	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	89.1	U	89.1	130	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.6	U	89.6	130	180	ug/Kg
100-51-6	Benzyl Alcohol	86	U	86	280	340	ug/Kg
95-48-7	2-Methylphenol	83.5	U	83.5	130	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	94.2	U	94.2	130	180	ug/Kg
98-86-2	Acetophenone	90	U	90	130	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.7	U	82.7	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.7	U	41.7	82.9	82.9	ug/Kg
67-72-1	Hexachloroethane	86	U	86	130	180	ug/Kg
98-95-3	Nitrobenzene	94.1	U	94.1	130	180	ug/Kg
78-59-1	Isophorone	87.6	U	87.6	130	180	ug/Kg
88-75-5	2-Nitrophenol	97.9	U	97.9	130	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96.6	U	96.6	130	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.9	U	88.9	130	180	ug/Kg
120-83-2	2,4-Dichlorophenol	78.2	U	78.2	130	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.5	U	88.5	130	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	340	ug/Kg
91-20-3	Naphthalene	85.6	U	85.6	130	180	ug/Kg
106-47-8	4-Chloroaniline	85.6	U	85.6	130	180	ug/Kg
87-68-3	Hexachlorobutadiene	86.3	U	86.3	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-11-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138930.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	89.9	U	89.9	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80.3	U	80.3	130	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.5	U	85.5	130	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74	U	74	130	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.7	U	76.7	130	180	ug/Kg
92-52-4	1,1-Biphenyl	90.5	U	90.5	130	180	ug/Kg
91-58-7	2-Chloronaphthalene	86.3	U	86.3	130	180	ug/Kg
88-74-4	2-Nitroaniline	98.4	U	98.4	130	180	ug/Kg
131-11-3	Dimethylphthalate	84.6	U	84.6	130	180	ug/Kg
208-96-8	Acenaphthylene	89.6	U	89.6	130	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	86.2	U	86.2	130	180	ug/Kg
99-09-2	3-Nitroaniline	92.4	U	92.4	130	180	ug/Kg
83-32-9	Acenaphthene	84	U	84	130	180	ug/Kg
Total PAH	Total PAH	1372.7	U	1372.7	130	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	340	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	340	ug/Kg
132-64-9	Dibenzofuran	87.4	U	87.4	130	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	75.5	U	175.5	130	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	89.3	U	89.3	130	180	ug/Kg
84-66-2	Diethylphthalate	83	U	83	130	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.7	U	88.7	130	180	ug/Kg
86-73-7	Fluorene	88.6	U	88.6	130	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	130	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	340	ug/Kg
86-30-6	n-Nitrosodiphenylamine	84.5	U	84.5	130	180	ug/Kg
103-33-3	Azobenzene	82.5	U	82.5	130	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.7	U	81.7	130	180	ug/Kg
118-74-1	Hexachlorobenzene	88.1	U	88.1	130	180	ug/Kg
1912-24-9	Atrazine	94.7	U	94.7	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-11-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138930.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	80.1	U	80.1	280	340	ug/Kg
85-01-8	Phenanthrene	87	U	87	130	180	ug/Kg
120-12-7	Anthracene	87.4	U	87.4	130	180	ug/Kg
86-74-8	Carbazole	83.2	U	83.2	130	180	ug/Kg
84-74-2	Di-n-butylphthalate	87.3	U	87.3	130	180	ug/Kg
206-44-0	Fluoranthene	84.6	U	84.6	130	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	86	U	86	130	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	83.6	U	83.6	130	180	ug/Kg
218-01-9	Chrysene	82.4	U	82.4	130	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	94.3	U	94.3	130	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	U	84	130	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.6	U	85.6	130	180	ug/Kg
50-32-8	Benzo(a)pyrene	96.3	U	96.3	130	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.9	U	80.9	130	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	84.1	U	84.1	130	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	U	83	130	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.9	U	89.9	130	180	ug/Kg
123-91-1	1,4-Dioxane	110	U	110	130	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	77.4	U	77.4	130	180	ug/Kg
90-12-0	1-Methylnaphthalene	86.2	U	86.2	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.825		18-112		47	SPK: -150
13127-88-3	Phenol-d6	69.859		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	47.923		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	50.934		20-109		51	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-11-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.6
Sample Wt/Vol:	30.04 Units: g	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
BF138930.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.67		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	59.553		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37405	6.84				
1146-65-2	Naphthalene-d8	152807	8.116				
15067-26-2	Acenaphthene-d10	80675	9.869				
1517-22-2	Phenanthrene-d10	135968	11.357				
1719-03-5	Chrysene-d12	61639	13.998				
1520-96-3	Perylene-d12	71373	15.462				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-09-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138931.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	91.7	U	91.7	290	350	ug/Kg
110-86-1	Pyridine	84.4	U	84.4	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	87.6	U	87.6	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	88.4	U	88.4	140	180	ug/Kg
95-57-8	2-Chlorophenol	88.2	U	88.2	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	89.4	U	89.4	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.9	U	90.9	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	91.4	U	91.4	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87.7	U	87.7	290	350	ug/Kg
95-48-7	2-Methylphenol	85.1	U	85.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96	U	96	140	180	ug/Kg
98-86-2	Acetophenone	91.8	U	91.8	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	84.3	U	84.3	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.6	U	42.6	84.5	84.5	ug/Kg
67-72-1	Hexachloroethane	87.7	U	87.7	140	180	ug/Kg
98-95-3	Nitrobenzene	95.9	U	95.9	140	180	ug/Kg
78-59-1	Isophorone	89.4	U	89.4	140	180	ug/Kg
88-75-5	2-Nitrophenol	99.8	U	99.8	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	98.5	U	98.5	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	90.6	U	90.6	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.8	U	79.8	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	90.2	U	90.2	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	87.3	U	87.3	140	180	ug/Kg
106-47-8	4-Chloroaniline	87.3	U	87.3	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	88	U	88	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-09-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138931.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	91.7	U	91.7	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.9	U	81.9	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	87.2	U	87.2	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	75.4	U	75.4	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	78.2	U	78.2	140	180	ug/Kg
92-52-4	1,1-Biphenyl	92.3	U	92.3	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	88	U	88	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	86.3	U	86.3	140	180	ug/Kg
208-96-8	Acenaphthylene	91.4	U	91.4	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.9	U	87.9	140	180	ug/Kg
99-09-2	3-Nitroaniline	94.2	U	94.2	140	180	ug/Kg
83-32-9	Acenaphthene	85.7	U	85.7	140	180	ug/Kg
Total PAH	Total PAH	1400	U	1400	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	290	350	ug/Kg
132-64-9	Dibenzofuran	89.2	U	89.2	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	91.1	U	91.1	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	79	U	179	140	360	ug/Kg
84-66-2	Diethylphthalate	84.6	U	84.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	140	180	ug/Kg
86-73-7	Fluorene	90.3	U	90.3	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	86.2	U	86.2	140	180	ug/Kg
103-33-3	Azobenzene	84.1	U	84.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83.4	U	83.4	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89.8	U	89.8	140	180	ug/Kg
1912-24-9	Atrazine	96.6	U	96.6	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-09-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	30.05 Units: g	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
BF138931.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81.7	U	81.7	290	350	ug/Kg
85-01-8	Phenanthrene	88.7	U	88.7	140	180	ug/Kg
120-12-7	Anthracene	89.2	U	89.2	140	180	ug/Kg
86-74-8	Carbazole	84.8	U	84.8	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	89.1	U	89.1	140	180	ug/Kg
206-44-0	Fluoranthene	86.3	U	86.3	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	290	350	ug/Kg
129-00-0	Pyrene	87.7	U	87.7	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	85.3	U	85.3	140	180	ug/Kg
218-01-9	Chrysene	84	U	84	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96.1	U	96.1	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85.7	U	85.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	87.3	U	87.3	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	98.2	U	98.2	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	82.5	U	82.5	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.8	U	85.8	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84.6	U	84.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91.7	U	91.7	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.9	U	78.9	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.9	U	87.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.534		18-112		45	SPK: -150
13127-88-3	Phenol-d6	68.603		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	45.795		18-107		46	SPK: -100
321-60-8	2-Fluorobiphenyl	44.402		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-09-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.5
Sample Wt/Vol:	30.05 Units: g	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
BF138931.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.033		10-116		44	SPK: -150
1718-51-0	Terphenyl-d14	56.808		10-105		57	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	37641	6.84				
1146-65-2	Naphthalene-d8	154143	8.116				
15067-26-2	Acenaphthene-d10	82111	9.869				
1517-22-2	Phenanthrene-d10	137703	11.357				
1719-03-5	Chrysene-d12	61875	13.998				
1520-96-3	Perylene-d12	73308	15.463				

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-08-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138932.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	90.9	U	90.9	280	350	ug/Kg
110-86-1	Pyridine	83.7	U	83.7	140	180	ug/Kg
100-52-7	Benzaldehyde	190	U	190	280	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	86.8	U	86.8	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	87.7	U	87.7	140	180	ug/Kg
95-57-8	2-Chlorophenol	87.5	U	87.5	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	88.6	U	88.6	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	90.1	U	90.1	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	90.6	U	90.6	140	180	ug/Kg
100-51-6	Benzyl Alcohol	87	U	87	280	350	ug/Kg
95-48-7	2-Methylphenol	84.4	U	84.4	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95.2	U	95.2	140	180	ug/Kg
98-86-2	Acetophenone	91	U	91	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	83.6	U	83.6	280	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	42.2	U	42.2	83.8	83.8	ug/Kg
67-72-1	Hexachloroethane	87	U	87	140	180	ug/Kg
98-95-3	Nitrobenzene	95.1	U	95.1	140	180	ug/Kg
78-59-1	Isophorone	88.6	U	88.6	140	180	ug/Kg
88-75-5	2-Nitrophenol	99	U	99	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	97.6	U	97.6	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	89.9	U	89.9	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	79.1	U	79.1	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	89.5	U	89.5	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	280	350	ug/Kg
91-20-3	Naphthalene	86.5	U	86.5	140	180	ug/Kg
106-47-8	4-Chloroaniline	86.5	U	86.5	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	87.3	U	87.3	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-08-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138932.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	90.9	U	90.9	280	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81.2	U	81.2	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	86.4	U	86.4	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74.8	U	74.8	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77.5	U	77.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	91.6	U	91.6	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	87.3	U	87.3	140	180	ug/Kg
88-74-4	2-Nitroaniline	99.5	U	99.5	140	180	ug/Kg
131-11-3	Dimethylphthalate	85.6	U	85.6	140	180	ug/Kg
208-96-8	Acenaphthylene	90.6	U	90.6	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	87.2	U	87.2	140	180	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	140	180	ug/Kg
83-32-9	Acenaphthene	85	U	85	140	180	ug/Kg
Total PAH	Total PAH	1388.2	U	1388.2	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	280	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	280	350	ug/Kg
132-64-9	Dibenzofuran	88.4	U	88.4	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	77.5	U	177.5	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	90.3	U	90.3	140	180	ug/Kg
84-66-2	Diethylphthalate	83.9	U	83.9	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	89.7	U	89.7	140	180	ug/Kg
86-73-7	Fluorene	89.6	U	89.6	140	180	ug/Kg
100-01-6	4-Nitroaniline	110	U	110	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	280	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	85.5	U	85.5	140	180	ug/Kg
103-33-3	Azobenzene	83.4	U	83.4	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	82.7	U	82.7	140	180	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	140	180	ug/Kg
1912-24-9	Atrazine	95.8	U	95.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-08-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138932.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	81	U	81	280	350	ug/Kg
85-01-8	Phenanthrene	88	U	88	140	180	ug/Kg
120-12-7	Anthracene	88.4	U	88.4	140	180	ug/Kg
86-74-8	Carbazole	84.1	U	84.1	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	88.3	U	88.3	140	180	ug/Kg
206-44-0	Fluoranthene	85.6	U	85.6	140	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	350	ug/Kg
129-00-0	Pyrene	87	U	87	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	350	ug/Kg
56-55-3	Benzo(a)anthracene	84.5	U	84.5	140	180	ug/Kg
218-01-9	Chrysene	83.3	U	83.3	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	95.3	U	95.3	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	280	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	85	U	85	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	86.5	U	86.5	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	97.4	U	97.4	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	81.8	U	81.8	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85.1	U	85.1	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83.9	U	83.9	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	90.9	U	90.9	140	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78.3	U	78.3	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	87.2	U	87.2	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.93		18-112		57	SPK: -150
13127-88-3	Phenol-d6	84.574		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	58.491		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	58.186		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	OU4-CF-08-080624	SDG No.:	BF081224
Lab Sample ID:	P3520-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.8
Sample Wt/Vol:	30.08 Units: g	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
BF138932.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162602

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.758		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	77.99		10-105		78	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	36625	6.839				
1146-65-2	Naphthalene-d8	151588	8.116				
15067-26-2	Acenaphthene-d10	83539	9.869				
1517-22-2	Phenanthrene-d10	141646	11.357				
1719-03-5	Chrysene-d12	62462	13.998				
1520-96-3	Perylene-d12	69539	15.462				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	927-KI-SD-0-0.5-080724	SDG No.:	BF081224
Lab Sample ID:	P3512-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138933.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	200	U	200	620	760	ug/Kg
110-86-1	Pyridine	180	U	180	300	390	ug/Kg
100-52-7	Benzaldehyde	420	U	420	620	760	ug/Kg
62-53-3	Aniline	220	U	220	300	390	ug/Kg
108-95-2	Phenol	190	U	190	300	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	190	U	190	300	390	ug/Kg
95-57-8	2-Chlorophenol	190	U	190	300	390	ug/Kg
95-50-1	1,2-Dichlorobenzene	190	U	190	300	390	ug/Kg
541-73-1	1,3-Dichlorobenzene	200	U	200	300	390	ug/Kg
106-46-7	1,4-Dichlorobenzene	200	U	200	300	390	ug/Kg
100-51-6	Benzyl Alcohol	190	U	190	620	760	ug/Kg
95-48-7	2-Methylphenol	190	U	190	300	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	210	U	210	300	390	ug/Kg
98-86-2	Acetophenone	200	U	200	300	390	ug/Kg
65794-96-9	3+4-Methylphenols	180	U	180	620	760	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	92.7	U	92.7	180	180	ug/Kg
67-72-1	Hexachloroethane	190	U	190	300	390	ug/Kg
98-95-3	Nitrobenzene	210	U	210	300	390	ug/Kg
78-59-1	Isophorone	190	U	190	300	390	ug/Kg
88-75-5	2-Nitrophenol	220	U	220	300	390	ug/Kg
105-67-9	2,4-Dimethylphenol	210	U	210	300	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	200	U	200	300	390	ug/Kg
120-83-2	2,4-Dichlorophenol	170	U	170	300	390	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	200	U	200	300	390	ug/Kg
65-85-0	Benzoic acid	550	U	550	620	760	ug/Kg
91-20-3	Naphthalene	190	U	190	300	390	ug/Kg
106-47-8	4-Chloroaniline	190	U	190	300	390	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	300	390	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	927-KI-SD-0-0.5-080724	SDG No.:	BF081224
Lab Sample ID:	P3512-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138933.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	200	U	200	620	760	ug/Kg
59-50-7	4-Chloro-3-methylphenol	180	U	180	300	390	ug/Kg
91-57-6	2-Methylnaphthalene	190	U	190	300	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	360	U	360	620	760	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	300	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	170	U	170	300	390	ug/Kg
92-52-4	1,1-Biphenyl	200	U	200	300	390	ug/Kg
91-58-7	2-Chloronaphthalene	190	U	190	300	390	ug/Kg
88-74-4	2-Nitroaniline	220	U	220	300	390	ug/Kg
131-11-3	Dimethylphthalate	190	U	190	300	390	ug/Kg
208-96-8	Acenaphthylene	200	U	200	300	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	190	U	190	300	390	ug/Kg
99-09-2	3-Nitroaniline	210	U	210	300	390	ug/Kg
83-32-9	Acenaphthene	190	U	190	300	390	ug/Kg
Total PAH	Total PAH	3050	U	3050	300	6240	ug/Kg
51-28-5	2,4-Dinitrophenol	560	U	560	620	760	ug/Kg
100-02-7	4-Nitrophenol	270	U	270	620	760	ug/Kg
132-64-9	Dibenzofuran	190	U	190	300	390	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	390	U	390	300	780	ug/Kg
121-14-2	2,4-Dinitrotoluene	200	U	200	300	390	ug/Kg
84-66-2	Diethylphthalate	180	U	180	300	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	200	U	200	300	390	ug/Kg
86-73-7	Fluorene	200	U	200	300	390	ug/Kg
100-01-6	4-Nitroaniline	250	U	250	300	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	270	U	270	620	760	ug/Kg
86-30-6	n-Nitrosodiphenylamine	190	U	190	300	390	ug/Kg
103-33-3	Azobenzene	180	U	180	300	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	180	U	180	300	390	ug/Kg
118-74-1	Hexachlorobenzene	200	U	200	300	390	ug/Kg
1912-24-9	Atrazine	210	U	210	300	390	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	927-KI-SD-0-0.5-080724	SDG No.:	BF081224
Lab Sample ID:	P3512-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56.6
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138933.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	180	U	180	620	760	ug/Kg
85-01-8	Phenanthrene	190	U	190	300	390	ug/Kg
120-12-7	Anthracene	190	U	190	300	390	ug/Kg
86-74-8	Carbazole	180	U	180	300	390	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	300	390	ug/Kg
206-44-0	Fluoranthene	190	U	190	300	390	ug/Kg
92-87-5	Benzidine	380	U	380	620	760	ug/Kg
129-00-0	Pyrene	190	U	190	300	390	ug/Kg
85-68-7	Butylbenzylphthalate	220	U	220	300	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	230	U	230	620	760	ug/Kg
56-55-3	Benzo(a)anthracene	190	U	190	300	390	ug/Kg
218-01-9	Chrysene	180	U	180	300	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	U	210	300	390	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	620	760	ug/Kg
205-99-2	Benzo(b)fluoranthene	190	U	190	300	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	U	190	300	390	ug/Kg
50-32-8	Benzo(a)pyrene	210	U	210	300	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	U	180	300	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	U	190	300	390	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	U	180	300	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	200	U	200	300	390	ug/Kg
123-91-1	1,4-Dioxane	250	U	250	300	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	170	U	170	300	390	ug/Kg
90-12-0	1-Methylnaphthalene	190	U	190	390	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	52.835		18-112		35	SPK: -150
13127-88-3	Phenol-d6	58.732		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	34.438		18-107		34	SPK: -100
321-60-8	2-Fluorobiphenyl	29.416		20-109		29	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	927-KI-SD-0-0.5-080724	SDG No.:	BF081224
Lab Sample ID:	P3512-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	56.6
Sample Wt/Vol:	30.04 Units: g	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
BF138933.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	58.255		10-116		39	SPK: -150
1718-51-0	Terphenyl-d14	27.896		10-105		28	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38582	6.84				
1146-65-2	Naphthalene-d8	159332	8.116				
15067-26-2	Acenaphthene-d10	84810	9.869				
1517-22-2	Phenanthrene-d10	133734	11.357				
1719-03-5	Chrysene-d12	59521	13.998				
1520-96-3	Perylene-d12	74605	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.051	
1000382-90-3	Carbonic acid, hexadecyl prop-1-en	150	J			13.827	
	unknown14.439	180	J			14.439	
007098-22-8	Tetratetracontane	760	J			15.08	
000638-66-4	Octadecanal	170	J			15.651	
001560-98-1	Octacosane, 2-methyl-	530	J			15.88	
002765-11-9	Pentadecanal-	190	J			16.663	
	unknown16.957	160	J			16.957	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0-0.5-080724	SDG No.:	BF081224
Lab Sample ID:	P3512-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.5
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138934.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	350	420	ug/Kg
110-86-1	Pyridine	100	U	100	170	220	ug/Kg
100-52-7	Benzaldehyde	230	U	230	350	420	ug/Kg
62-53-3	Aniline	120	U	120	170	220	ug/Kg
108-95-2	Phenol	110	U	110	170	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	170	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	170	220	ug/Kg
95-50-1	1,2-Dichlorobenzene	110	U	110	170	220	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	170	220	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	170	220	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	350	420	ug/Kg
95-48-7	2-Methylphenol	100	U	100	170	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	220	ug/Kg
98-86-2	Acetophenone	110	U	110	170	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	350	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.8	U	51.8	100	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	170	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	170	220	ug/Kg
78-59-1	Isophorone	110	U	110	170	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	170	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	170	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	170	220	ug/Kg
120-83-2	2,4-Dichlorophenol	97.1	U	97.1	170	220	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	110	U	110	170	220	ug/Kg
65-85-0	Benzoic acid	300	U	300	350	420	ug/Kg
91-20-3	Naphthalene	110	U	110	170	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	170	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	170	220	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0-0.5-080724	SDG No.:	BF081224
Lab Sample ID:	P3512-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.5
Sample Wt/Vol:	30.09 Units: g	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
BF138934.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	350	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99.7	U	99.7	170	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	170	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	350	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.9	U	91.9	170	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	95.2	U	95.2	170	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	170	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	170	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	170	220	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	170	220	ug/Kg
208-96-8	Acenaphthylene	110	U	110	170	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	170	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	170	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	170	220	ug/Kg
Total PAH	Total PAH	1700	U	1700	170	3520	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	350	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	350	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	170	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	170	220	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	220	U	220	170	440	ug/Kg
84-66-2	Diethylphthalate	100	U	100	170	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	170	220	ug/Kg
86-73-7	Fluorene	110	U	110	170	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	170	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	350	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	170	220	ug/Kg
103-33-3	Azobenzene	100	U	100	170	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	170	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	170	220	ug/Kg
1912-24-9	Atrazine	120	U	120	170	220	ug/Kg



Client:			Date Collected:	8/7/2024 12:00:00 AM	
Project:			Date Received:	8/7/2024 12:00:00 AM	
Client Sample ID:	931-KI-SD-0-0.5-080724		SDG No.:	BF081224	
Lab Sample ID:	P3512-02		Matrix:	Solid	
Analytical Method:	8270E		% Moisture:	22.5	
Sample Wt/Vol:	30.09	Units: g	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
BF138934.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	99.4	U	99.4	350	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	170	220	ug/Kg
120-12-7	Anthracene	110	U	110	170	220	ug/Kg
86-74-8	Carbazole	100	U	100	170	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	170	220	ug/Kg
206-44-0	Fluoranthene	110	U	110	170	220	ug/Kg
92-87-5	Benzidine	210	U	210	350	420	ug/Kg
129-00-0	Pyrene	110	U	110	170	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	170	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	350	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	170	220	ug/Kg
218-01-9	Chrysene	100	U	100	170	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	170	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	350	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	170	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	170	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	170	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	170	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	170	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	170	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	170	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	170	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96.1	U	96.1	170	220	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	220	220	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	63.757		18-112		43	SPK: -150
13127-88-3	Phenol-d6	64.475		15-107		43	SPK: -150
4165-60-0	Nitrobenzene-d5	44.858		18-107		45	SPK: -100
321-60-8	2-Fluorobiphenyl	40.347		20-109		40	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0-0.5-080724	SDG No.:	BF081224
Lab Sample ID:	P3512-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	22.5
Sample Wt/Vol:	30.09 Units: g	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
BF138934.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	59.747		10-116		40	SPK: -150
1718-51-0	Terphenyl-d14	44.772		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38066	6.839				
1146-65-2	Naphthalene-d8	151811	8.116				
15067-26-2	Acenaphthene-d10	83906	9.869				
1517-22-2	Phenanthrene-d10	135502	11.357				
1719-03-5	Chrysene-d12	58184	13.998				
1520-96-3	Perylene-d12	71259	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A			5.057	
006971-40-0	17-Pentatriacontene	96.9	J			13.839	
007098-22-8	Tetratetracontane	95.6	J			15.08	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0-0.5-080724-SD	SDG No.:	BF081224
Lab Sample ID:	P3512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138935.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	120	U	120	390	480	ug/Kg
110-86-1	Pyridine	120	U	120	190	240	ug/Kg
100-52-7	Benzaldehyde	260	U	260	390	480	ug/Kg
62-53-3	Aniline	140	U	140	190	240	ug/Kg
108-95-2	Phenol	120	U	120	190	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	190	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	190	240	ug/Kg
95-50-1	1,2-Dichlorobenzene	120	U	120	190	240	ug/Kg
541-73-1	1,3-Dichlorobenzene	120	U	120	190	240	ug/Kg
106-46-7	1,4-Dichlorobenzene	120	U	120	190	240	ug/Kg
100-51-6	Benzyl Alcohol	120	U	120	390	480	ug/Kg
95-48-7	2-Methylphenol	120	U	120	190	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	190	240	ug/Kg
98-86-2	Acetophenone	130	U	130	190	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	390	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	58	U	58	120	120	ug/Kg
67-72-1	Hexachloroethane	120	U	120	190	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	190	240	ug/Kg
78-59-1	Isophorone	120	U	120	190	240	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	190	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	190	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	190	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	190	240	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	120	U	120	190	240	ug/Kg
65-85-0	Benzoic acid	340	U	340	390	480	ug/Kg
91-20-3	Naphthalene	120	U	120	190	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	190	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	190	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0-0.5-080724-SD	SDG No.:	BF081224
Lab Sample ID:	P3512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138935.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	120	U	120	390	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	190	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	190	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	390	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	190	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	190	240	ug/Kg
92-52-4	1,1-Biphenyl	130	U	130	190	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	190	240	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	190	240	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	190	240	ug/Kg
208-96-8	Acenaphthylene	120	U	120	190	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	190	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	190	240	ug/Kg
83-32-9	Acenaphthene	120	U	120	190	240	ug/Kg
Total PAH	Total PAH	1910	U	1910	190	3840	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	390	480	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	390	480	ug/Kg
132-64-9	Dibenzofuran	120	U	120	190	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	190	240	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	240	U	240	190	480	ug/Kg
84-66-2	Diethylphthalate	120	U	120	190	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	190	240	ug/Kg
86-73-7	Fluorene	120	U	120	190	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	190	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	390	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	190	240	ug/Kg
103-33-3	Azobenzene	110	U	110	190	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	190	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	190	240	ug/Kg
1912-24-9	Atrazine	130	U	130	190	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0-0.5-080724-SD	SDG No.:	BF081224
Lab Sample ID:	P3512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	30.07 Units: g	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
BF138935.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	110	U	110	390	480	ug/Kg
85-01-8	Phenanthrene	120	U	120	190	240	ug/Kg
120-12-7	Anthracene	120	U	120	190	240	ug/Kg
86-74-8	Carbazole	120	U	120	190	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	190	240	ug/Kg
206-44-0	Fluoranthene	120	U	120	190	240	ug/Kg
92-87-5	Benzidine	230	U	230	390	480	ug/Kg
129-00-0	Pyrene	120	U	120	190	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	190	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	390	480	ug/Kg
56-55-3	Benzo(a)anthracene	120	U	120	190	240	ug/Kg
218-01-9	Chrysene	110	U	110	190	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	190	240	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	390	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	190	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	190	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	190	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	190	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	190	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	190	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	190	240	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	190	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	190	240	ug/Kg
90-12-0	1-Methylnaphthalene	120	U	120	240	240	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	87.297		18-112		58	SPK: -150
13127-88-3	Phenol-d6	85.387		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	58.084		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	57.251		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	931-KI-SD-0-0.5-080724-SD	SDG No.:	BF081224
Lab Sample ID:	P3512-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	30.7
Sample Wt/Vol:	30.07 Units: g	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
BF138935.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162605

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	81.384		10-116		54	SPK: -150
1718-51-0	Terphenyl-d14	60.473		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	34863	6.839				
1146-65-2	Naphthalene-d8	142468	8.122				
15067-26-2	Acenaphthene-d10	75639	9.869				
1517-22-2	Phenanthrene-d10	122853	11.357				
1719-03-5	Chrysene-d12	55982	13.998				
1520-96-3	Perylene-d12	67594	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	210	A			5.057	
000770-35-4	1-Phenoxypropan-2-ol	130	J			8.439	
000506-51-4	n-Tetracosanol-1	190	J			13.839	
000629-94-7	Heneicosane	220	J			15.08	
007390-81-0	Oxirane, hexadecyl-	110	J			15.656	
000593-49-7	Heptacosane	190	J			15.88	
000638-66-4	Octadecanal	100	J			16.668	

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02RE	SDG No.:	BF081224
Lab Sample ID:	P3394-02RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138936.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	320	390	ug/Kg
110-86-1	Pyridine	94.1	U	94.1	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	97.6	U	97.6	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	98.5	U	98.5	150	200	ug/Kg
95-57-8	2-Chlorophenol	98.3	U	98.3	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	99.6	U	99.6	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	97.7	U	97.7	320	390	ug/Kg
95-48-7	2-Methylphenol	94.9	U	94.9	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	93.9	U	93.9	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	94.2	94.2	ug/Kg
67-72-1	Hexachloroethane	97.7	U	97.7	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	99.6	U	99.6	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	88.9	U	88.9	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	150	200	ug/Kg
65-85-0	Benzoic acid	280	U	280	320	390	ug/Kg
91-20-3	Naphthalene	97.2	U	97.2	150	200	ug/Kg
106-47-8	4-Chloroaniline	97.2	U	97.2	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	98.1	U	98.1	150	200	ug/Kg



Client:				Date Collected:	7/29/2024 12:00:00 AM	
Project:				Date Received:	7/29/2024 12:00:00 AM	
Client Sample ID:	B-105-SB02RE			SDG No.:	BF081224	
Lab Sample ID:	P3394-02RE			Matrix:	Solid	
Analytical Method:	8270E			% Moisture:	15.3	
Sample Wt/Vol:	30.09	Units:	g	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
BF138936.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	91.2	U	91.2	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	97.1	U	97.1	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	84	U	84	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.1	U	87.1	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	98.1	U	98.1	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	96.2	U	96.2	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	97.9	U	97.9	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	95.5	U	95.5	150	200	ug/Kg
Total PAH	Total PAH	1557.9	U	1557.9	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	320	390	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	320	390	ug/Kg
132-64-9	Dibenzofuran	99.3	U	99.3	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	97.9	U	197.9	150	400	ug/Kg
84-66-2	Diethylphthalate	94.3	U	94.3	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	200	ug/Kg
86-73-7	Fluorene	100	U	100	150	200	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	96.1	U	96.1	150	200	ug/Kg
103-33-3	Azobenzene	93.7	U	93.7	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	92.9	U	92.9	150	200	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02RE	SDG No.:	BF081224
Lab Sample ID:	P3394-02RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.09 Units: g	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
BF138936.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	91	U	91	320	390	ug/Kg
85-01-8	Phenanthrene	98.9	U	98.9	150	200	ug/Kg
120-12-7	Anthracene	99.3	U	99.3	150	200	ug/Kg
86-74-8	Carbazole	94.5	U	94.5	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	99.2	U	99.2	150	200	ug/Kg
206-44-0	Fluoranthene	96.2	U	96.2	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	320	390	ug/Kg
129-00-0	Pyrene	97.7	U	97.7	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	95	U	95	150	200	ug/Kg
218-01-9	Chrysene	93.6	U	93.6	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	95.5	U	95.5	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	97.2	U	97.2	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	91.9	U	91.9	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	95.6	U	95.6	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	94.3	U	94.3	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	87.9	U	87.9	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	97.9	U	97.9	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	116.665		18-112		78	SPK: -150
13127-88-3	Phenol-d6	112.587		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	84.667		18-107		85	SPK: -100
321-60-8	2-Fluorobiphenyl	94.368		20-109		94	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02RE	SDG No.:	BF081224
Lab Sample ID:	P3394-02RE	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.09 Units: g	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
BF138936.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.428		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	69.172		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43372	6.84				
1146-65-2	Naphthalene-d8	165395	8.122				
15067-26-2	Acenaphthene-d10	72842	9.869				
1517-22-2	Phenanthrene-d10	97716	11.357				
1719-03-5	Chrysene-d12	83335	13.998				
1520-96-3	Perylene-d12	63063	15.463				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MS	SDG No.:	BF081224
Lab Sample ID:	P3394-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138937.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2400		100	320	390	ug/Kg
110-86-1	Pyridine	1600		94.2	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	1200		110	150	200	ug/Kg
108-95-2	Phenol	1900		97.7	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		98.7	150	200	ug/Kg
95-57-8	2-Chlorophenol	2100		98.4	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		99.7	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	2100		97.8	320	390	ug/Kg
95-48-7	2-Methylphenol	1900		95	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		110	150	200	ug/Kg
98-86-2	Acetophenone	2300		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	2000		94.1	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		47.5	94.3	94.3	ug/Kg
67-72-1	Hexachloroethane	2200		97.8	150	200	ug/Kg
98-95-3	Nitrobenzene	2100		110	150	200	ug/Kg
78-59-1	Isophorone	2200		99.7	150	200	ug/Kg
88-75-5	2-Nitrophenol	2200		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		89	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2100		100	150	200	ug/Kg
65-85-0	Benzoic acid	1300		280	320	390	ug/Kg
91-20-3	Naphthalene	2100		97.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	800		97.4	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	2200		98.2	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MS	SDG No.:	BF081224
Lab Sample ID:	P3394-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138937.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		91.3	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		97.2	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2200		180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		84.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2000		87.2	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2200		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	2300		98.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	2300		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	2500		96.3	150	200	ug/Kg
208-96-8	Acenaphthylene	2300		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		98.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	1600		110	150	200	ug/Kg
83-32-9	Acenaphthene	2100		95.6	150	200	ug/Kg
Total PAH	Total PAH	34500		1559.6	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	2500		290	320	390	ug/Kg
100-02-7	4-Nitrophenol	3000		140	320	390	ug/Kg
132-64-9	Dibenzofuran	2100		99.5	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4200		198.1	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		100	150	200	ug/Kg
84-66-2	Diethylphthalate	2300		94.4	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		100	150	200	ug/Kg
86-73-7	Fluorene	2000		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	1800		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2200		96.2	150	200	ug/Kg
103-33-3	Azobenzene	2000		93.8	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		93	150	200	ug/Kg
118-74-1	Hexachlorobenzene	2100		100	150	200	ug/Kg
1912-24-9	Atrazine	2600		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MS	SDG No.:	BF081224
Lab Sample ID:	P3394-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.05 Units: g	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
BF138937.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3500	E	91.1	320	390	ug/Kg
85-01-8	Phenanthrene	2200		99	150	200	ug/Kg
120-12-7	Anthracene	2400		99.5	150	200	ug/Kg
86-74-8	Carbazole	2400		94.6	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	2700		99.4	150	200	ug/Kg
206-44-0	Fluoranthene	2800		96.3	150	200	ug/Kg
92-87-5	Benzidine	640		190	320	390	ug/Kg
129-00-0	Pyrene	1700		97.8	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	2400		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1700		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	2100		95.1	150	200	ug/Kg
218-01-9	Chrysene	2200		93.7	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2400		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2300		95.6	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2700		97.4	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	2400		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		92.1	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		95.7	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		94.4	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2300		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1600		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		88	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1800		98.1	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	107.333		18-112		72	SPK: -150
13127-88-3	Phenol-d6	104.021		15-107		69	SPK: -150
4165-60-0	Nitrobenzene-d5	81.33		18-107		81	SPK: -100
321-60-8	2-Fluorobiphenyl	90.567		20-109		91	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MS	SDG No.:	BF081224
Lab Sample ID:	P3394-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.05 Units: g	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
BF138937.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104.358		10-116		70	SPK: -150
1718-51-0	Terphenyl-d14	68.918		10-105		69	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38304	6.84				
1146-65-2	Naphthalene-d8	136036	8.122				
15067-26-2	Acenaphthene-d10	57011	9.875				
1517-22-2	Phenanthrene-d10	86117	11.363				
1719-03-5	Chrysene-d12	74992	14.004				
1520-96-3	Perylene-d12	51648	15.468				

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MSD	SDG No.:	BF081224
Lab Sample ID:	P3394-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138938.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2300		100	320	390	ug/Kg
110-86-1	Pyridine	1600		94.2	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	320	390	ug/Kg
62-53-3	Aniline	1200		110	150	200	ug/Kg
108-95-2	Phenol	2000		97.8	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		98.7	150	200	ug/Kg
95-57-8	2-Chlorophenol	2100		98.5	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	2000		99.8	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	2000		100	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	2000		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	2200		97.9	320	390	ug/Kg
95-48-7	2-Methylphenol	2000		95.1	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		110	150	200	ug/Kg
98-86-2	Acetophenone	2100		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	2100		94.1	320	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		47.5	94.4	94.4	ug/Kg
67-72-1	Hexachloroethane	2100		97.9	150	200	ug/Kg
98-95-3	Nitrobenzene	2100		110	150	200	ug/Kg
78-59-1	Isophorone	2100		99.8	150	200	ug/Kg
88-75-5	2-Nitrophenol	2100		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2300		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		100	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2100		89	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2000		100	150	200	ug/Kg
65-85-0	Benzoic acid	1500		280	320	390	ug/Kg
91-20-3	Naphthalene	2100		97.4	150	200	ug/Kg
106-47-8	4-Chloroaniline	780		97.4	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	2100		98.2	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MSD	SDG No.:	BF081224
Lab Sample ID:	P3394-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138938.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2000		100	320	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		91.4	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		97.3	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1600		180	320	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2200		84.2	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		87.3	150	200	ug/Kg
92-52-4	1,1-Biphenyl	2100		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	2200		98.2	150	200	ug/Kg
88-74-4	2-Nitroaniline	2200		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	2400		96.4	150	200	ug/Kg
208-96-8	Acenaphthylene	2200		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		98.1	150	200	ug/Kg
99-09-2	3-Nitroaniline	1500		110	150	200	ug/Kg
83-32-9	Acenaphthene	2000		95.7	150	200	ug/Kg
Total PAH	Total PAH	32600		1560.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	2400		290	320	390	ug/Kg
100-02-7	4-Nitrophenol	2700		140	320	390	ug/Kg
132-64-9	Dibenzofuran	2000		99.5	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4100		198.1	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		100	150	200	ug/Kg
84-66-2	Diethylphthalate	2300		94.5	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		100	150	200	ug/Kg
86-73-7	Fluorene	2000		100	150	200	ug/Kg
100-01-6	4-Nitroaniline	1600		130	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1600		140	320	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2400		96.2	150	200	ug/Kg
103-33-3	Azobenzene	2000		93.9	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2200		93.1	150	200	ug/Kg
118-74-1	Hexachlorobenzene	2100		100	150	200	ug/Kg
1912-24-9	Atrazine	2700		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MSD	SDG No.:	BF081224
Lab Sample ID:	P3394-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.03 Units: g	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
BF138938.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3400	E	91.2	320	390	ug/Kg
85-01-8	Phenanthrene	2200		99.1	150	200	ug/Kg
120-12-7	Anthracene	2200		99.5	150	200	ug/Kg
86-74-8	Carbazole	2200		94.7	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	2600		99.4	150	200	ug/Kg
206-44-0	Fluoranthene	2400		96.4	150	200	ug/Kg
92-87-5	Benzidine	670		190	320	390	ug/Kg
129-00-0	Pyrene	1700		97.9	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	2500		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		120	320	390	ug/Kg
56-55-3	Benzo(a)anthracene	2000		95.2	150	200	ug/Kg
218-01-9	Chrysene	2100		93.8	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2000		130	320	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		95.7	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2200		97.4	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	2200		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		92.1	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		95.8	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		94.5	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2200		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1500		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		88.1	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1900		98.1	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.932		18-112		71	SPK: -150
13127-88-3	Phenol-d6	104.46		15-107		70	SPK: -150
4165-60-0	Nitrobenzene-d5	76.741		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	85.435		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	B-105-SB02MSD	SDG No.:	BF081224
Lab Sample ID:	P3394-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	15.3
Sample Wt/Vol:	30.03 Units: g	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
BF138938.D	1	7/30/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162358

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.978		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	73.137		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42957	6.84				
1146-65-2	Naphthalene-d8	165199	8.122				
15067-26-2	Acenaphthene-d10	76059	9.875				
1517-22-2	Phenanthrene-d10	105350	11.363				
1719-03-5	Chrysene-d12	76391	14.004				
1520-96-3	Perylene-d12	54264	15.468				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162639BL	SDG No.:	BF081224
Lab Sample ID:	PB162639BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138942.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162639BL	SDG No.:	BF081224
Lab Sample ID:	PB162639BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138942.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162639BL	SDG No.:	BF081224
Lab Sample ID:	PB162639BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138942.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	172.417		10-139		115	SPK: -150
13127-88-3	Phenol-d6	170.227		10-134		113	SPK: -150
4165-60-0	Nitrobenzene-d5	112.412		49-133		112	SPK: -100
321-60-8	2-Fluorobiphenyl	112.647		52-132		113	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	PB162639BL	SDG No.:	BF081224
Lab Sample ID:	PB162639BL	Matrix:	water
Analytical Method:	8270E	% 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
BF138942.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	185.168		44-137		123	SPK: -150
1718-51-0	Terphenyl-d14	132.601	*	48-125		133	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40668	6.839				
1146-65-2	Naphthalene-d8	173070	8.116				
15067-26-2	Acenaphthene-d10	99786	9.869				
1517-22-2	Phenanthrene-d10	190310	11.357				
1719-03-5	Chrysene-d12	120240	13.998				
1520-96-3	Perylene-d12	85558	15.468				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	3.6	J			2.193	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.8	A			5.087	

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534	SDG No.:	BF081224
Lab Sample ID:	P3506-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138943.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534	SDG No.:	BF081224
Lab Sample ID:	P3506-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138943.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534	SDG No.:	BF081224
Lab Sample ID:	P3506-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138943.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	170.31		10-139		114	SPK: -150
13127-88-3	Phenol-d6	163.247		10-134		109	SPK: -150
4165-60-0	Nitrobenzene-d5	115.994		49-133		116	SPK: -100
321-60-8	2-Fluorobiphenyl	114.798		52-132		115	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534	SDG No.:	BF081224
Lab Sample ID:	P3506-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138943.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	207.488	*	44-137		138	SPK: -150
1718-51-0	Terphenyl-d14	137.281	*	48-125		137	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41573	6.84				
1146-65-2	Naphthalene-d8	170793	8.116				
15067-26-2	Acenaphthene-d10	99023	9.869				
1517-22-2	Phenanthrene-d10	194510	11.357				
1719-03-5	Chrysene-d12	117031	13.998				
1520-96-3	Perylene-d12	81727	15.468				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MS	SDG No.:	BF081224
Lab Sample ID:	P3506-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138944.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	730		10.3	80	100	ug/L
110-86-1	Pyridine	130		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	190		16	40	50	ug/L
108-95-2	Phenol	620		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	630		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	690		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	640		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	620		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	630		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	690		16	80	100	ug/L
95-48-7	2-Methylphenol	660		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	610		13.5	40	50	ug/L
98-86-2	Acetophenone	620		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	690		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	710		14.8	25	25	ug/L
67-72-1	Hexachloroethane	630		10.1	40	50	ug/L
98-95-3	Nitrobenzene	620		12.7	40	50	ug/L
78-59-1	Isophorone	650		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	660		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	710		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	630		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	690		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	630		11	40	50	ug/L
65-85-0	Benzoic acid	600		54.7	80	100	ug/L
91-20-3	Naphthalene	630		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	140		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	630		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MS	SDG No.:	BF081224
Lab Sample ID:	P3506-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138944.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	530		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	690		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	650		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1500	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	670		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	640		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	590		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	620		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	650		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	710		9.3	40	50	ug/L
208-96-8	Acenaphthylene	700		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	670		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	160		13.7	40	50	ug/L
83-32-9	Acenaphthene	640		8.1	40	50	ug/L
Total PAH	Total PAH	10520		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1600	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	1000	E	20	80	100	ug/L
132-64-9	Dibenzofuran	660		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	390		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	720		15.2	40	50	ug/L
84-66-2	Diethylphthalate	730		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	680		9.8	40	50	ug/L
86-73-7	Fluorene	680		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	550		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	700		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	620		8.9	40	50	ug/L
103-33-3	Azobenzene	690		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	640		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	630		11.4	40	50	ug/L
1912-24-9	Atrazine	520		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MS	SDG No.:	BF081224
Lab Sample ID:	P3506-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138944.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	650		8.9	40	50	ug/L
120-12-7	Anthracene	690		10.7	40	50	ug/L
86-74-8	Carbazole	620		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	770		14.7	40	50	ug/L
206-44-0	Fluoranthene	660		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	690		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	780		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	170		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	660		9.4	40	50	ug/L
218-01-9	Chrysene	680		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	670		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	570		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	700		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	670		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	700		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	610		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	610		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	550		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	590		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	480		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	750		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	620		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	173.896		10-139		116	SPK: -150
13127-88-3	Phenol-d6	169.587		10-134		113	SPK: -150
4165-60-0	Nitrobenzene-d5	115.556		49-133		116	SPK: -100
321-60-8	2-Fluorobiphenyl	115.787		52-132		116	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MS	SDG No.:	BF081224
Lab Sample ID:	P3506-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138944.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	191.967		44-137		128	SPK: -150
1718-51-0	Terphenyl-d14	150.791	*	48-125		151	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42827	6.839				
1146-65-2	Naphthalene-d8	179725	8.122				
15067-26-2	Acenaphthene-d10	101576	9.875				
1517-22-2	Phenanthrene-d10	180644	11.363				
1719-03-5	Chrysene-d12	86005	14.004				
1520-96-3	Perylene-d12	80675	15.462				

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MSD	SDG No.:	BF081224
Lab Sample ID:	P3506-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138945.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	690		10.3	80	100	ug/L
110-86-1	Pyridine	130		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	170		16	40	50	ug/L
108-95-2	Phenol	630		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	620		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	680		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	620		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	600		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	610		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	690		16	80	100	ug/L
95-48-7	2-Methylphenol	660		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	600		13.5	40	50	ug/L
98-86-2	Acetophenone	630		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	700		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	700		14.8	25	25	ug/L
67-72-1	Hexachloroethane	620		10.1	40	50	ug/L
98-95-3	Nitrobenzene	620		12.7	40	50	ug/L
78-59-1	Isophorone	670		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	670		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	730		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	630		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	690		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	610		11	40	50	ug/L
65-85-0	Benzoic acid	610		54.7	80	100	ug/L
91-20-3	Naphthalene	620		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	110		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	610		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MSD	SDG No.:	BF081224
Lab Sample ID:	P3506-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138945.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	550		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	700		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	640		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1500	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	630		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	620		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	570		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	600		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	630		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	690		9.3	40	50	ug/L
208-96-8	Acenaphthylene	680		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	640		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	140		13.7	40	50	ug/L
83-32-9	Acenaphthene	620		8.1	40	50	ug/L
Total PAH	Total PAH	10220		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1500	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	960	E	20	80	100	ug/L
132-64-9	Dibenzofuran	650		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	340		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	700		15.2	40	50	ug/L
84-66-2	Diethylphthalate	710		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	660		9.8	40	50	ug/L
86-73-7	Fluorene	660		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	510		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	680		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	600		8.9	40	50	ug/L
103-33-3	Azobenzene	670		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	640		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	620		11.4	40	50	ug/L
1912-24-9	Atrazine	450		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MSD	SDG No.:	BF081224
Lab Sample ID:	P3506-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138945.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1300	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	650		8.9	40	50	ug/L
120-12-7	Anthracene	670		10.7	40	50	ug/L
86-74-8	Carbazole	590		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	750		14.7	40	50	ug/L
206-44-0	Fluoranthene	630		12.9	40	50	ug/L
92-87-5	Benzidine	41.2	J	40.7	80	100	ug/L
129-00-0	Pyrene	660		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	750		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	130		12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	630		9.4	40	50	ug/L
218-01-9	Chrysene	640		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	650		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	560		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	700		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	670		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	700		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	590		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	600		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	500		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	570		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	460		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	690		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	620		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	170.935		10-139		114	SPK: -150
13127-88-3	Phenol-d6	166.637		10-134		111	SPK: -150
4165-60-0	Nitrobenzene-d5	117.17		49-133		117	SPK: -100
321-60-8	2-Fluorobiphenyl	112.019		52-132		112	SPK: -100

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	RT4534MSD	SDG No.:	BF081224
Lab Sample ID:	P3506-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138945.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	188.278		44-137		126	SPK: -150
1718-51-0	Terphenyl-d14	142.542	*	48-125		143	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43510	6.839				
1146-65-2	Naphthalene-d8	180048	8.122				
15067-26-2	Acenaphthene-d10	104155	9.875				
1517-22-2	Phenanthrene-d10	181113	11.363				
1719-03-5	Chrysene-d12	87039	14.004				
1520-96-3	Perylene-d12	78700	15.462				

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-S-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138946.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-S-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138946.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-S-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138946.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	167.73		10-139		112	SPK: -150
13127-88-3	Phenol-d6	157.172		10-134		105	SPK: -150
4165-60-0	Nitrobenzene-d5	116.556		49-133		117	SPK: -100
321-60-8	2-Fluorobiphenyl	113.773		52-132		114	SPK: -100

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-S-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-01	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138946.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	212.209	*	44-137		141	SPK: -150
1718-51-0	Terphenyl-d14	142.992	*	48-125		143	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43265	6.84				
1146-65-2	Naphthalene-d8	176040	8.116				
15067-26-2	Acenaphthene-d10	101493	9.869				
1517-22-2	Phenanthrene-d10	196155	11.357				
1719-03-5	Chrysene-d12	118592	13.998				
1520-96-3	Perylene-d12	83240	15.468				

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138947.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138947.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138947.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.287		10-139		93	SPK: -150
13127-88-3	Phenol-d6	126.28		10-134		84	SPK: -150
4165-60-0	Nitrobenzene-d5	104.485		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	102.218		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-04-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138947.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.314		44-137		120	SPK: -150
1718-51-0	Terphenyl-d14	132.265	*	48-125		132	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43646	6.84				
1146-65-2	Naphthalene-d8	181066	8.116				
15067-26-2	Acenaphthene-d10	106749	9.869				
1517-22-2	Phenanthrene-d10	201814	11.357				
1719-03-5	Chrysene-d12	118832	13.998				
1520-96-3	Perylene-d12	87044	15.463				

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-05-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138948.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-05-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138948.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	37.2	J	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-05-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138948.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	161.492		10-139		108	SPK: -150
13127-88-3	Phenol-d6	150.673		10-134		100	SPK: -150
4165-60-0	Nitrobenzene-d5	117.302		49-133		117	SPK: -100
321-60-8	2-Fluorobiphenyl	118.135		52-132		118	SPK: -100

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	WC-A-05-202408	SDG No.:	BF081224
Lab Sample ID:	P3530-03	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138948.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	200.618		44-137		134	SPK: -150
1718-51-0	Terphenyl-d14	143.447	*	48-125		143	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39258	6.84				
1146-65-2	Naphthalene-d8	168265	8.116				
15067-26-2	Acenaphthene-d10	96537	9.869				
1517-22-2	Phenanthrene-d10	184119	11.357				
1719-03-5	Chrysene-d12	107196	13.998				
1520-96-3	Perylene-d12	44584	15.468				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04	SDG No.:	BF081224
Lab Sample ID:	P3478-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138949.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04	SDG No.:	BF081224
Lab Sample ID:	P3478-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138949.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	3.4	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04	SDG No.:	BF081224
Lab Sample ID:	P3478-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138949.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	82.995		10-139		55	SPK: -150
13127-88-3	Phenol-d6	52.817		10-134		35	SPK: -150
4165-60-0	Nitrobenzene-d5	106.566		49-133		107	SPK: -100
321-60-8	2-Fluorobiphenyl	105.427		52-132		105	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04	SDG No.:	BF081224
Lab Sample ID:	P3478-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138949.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	170.768		44-137		114	SPK: -150
1718-51-0	Terphenyl-d14	125.43		48-125		125	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45653	6.84				
1146-65-2	Naphthalene-d8	183947	8.116				
15067-26-2	Acenaphthene-d10	105757	9.869				
1517-22-2	Phenanthrene-d10	191393	11.357				
1719-03-5	Chrysene-d12	107341	13.998				
1520-96-3	Perylene-d12	82350	15.463				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MS	SDG No.:	BF081224
Lab Sample ID:	P3478-02MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138950.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	26.5		1	8	10	ug/L
110-86-1	Pyridine	13		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	26.8		1.6	4	5	ug/L
108-95-2	Phenol	24.8		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	60.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	55.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	52.6		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	48.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	50.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	42.2		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	58.6		1.4	4	5	ug/L
98-86-2	Acetophenone	61.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	69.5		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.7		1	4	5	ug/L
98-95-3	Nitrobenzene	60.7		1.3	4	5	ug/L
78-59-1	Isophorone	66.2		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	64		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	66.4		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	63.5		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	63.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	56.9		1.1	4	5	ug/L
65-85-0	Benzoic acid	8.6	J	5.5	8	10	ug/L
91-20-3	Naphthalene	59.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	20.5		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	54.6		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MS	SDG No.:	BF081224
Lab Sample ID:	P3478-02MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138950.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.8	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	65.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	64.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	140	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	59.2		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	57.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	58.2		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	60.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	67.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	73.6		0.93	4	5	ug/L
208-96-8	Acenaphthylene	67.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	64.3		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	32.3		1.4	4	5	ug/L
83-32-9	Acenaphthene	62.2		0.81	4	5	ug/L
Total PAH	Total PAH	1045.1		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	19.7		2	8	10	ug/L
132-64-9	Dibenzofuran	64.9		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	32.8		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	68.5		1.5	4	5	ug/L
84-66-2	Diethylphthalate	71.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	67.6		0.98	4	5	ug/L
86-73-7	Fluorene	66.7		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	57.8		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	65.2		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	68.1		0.89	4	5	ug/L
103-33-3	Azobenzene	67.4		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	66.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	65.8		1.1	4	5	ug/L
1912-24-9	Atrazine	76		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MS	SDG No.:	BF081224
Lab Sample ID:	P3478-02MS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138950.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	95.4	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	67.6		0.89	4	5	ug/L
120-12-7	Anthracene	69.9		1.1	4	5	ug/L
86-74-8	Carbazole	65.1		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	77.6		1.5	4	5	ug/L
206-44-0	Fluoranthene	64.9		1.3	4	5	ug/L
92-87-5	Benzidine	4.4	J	4.1	8	10	ug/L
129-00-0	Pyrene	67.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	76.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	50.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	66.2		0.94	4	5	ug/L
218-01-9	Chrysene	67.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	68.3		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	60.5		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	62.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	73.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	69.6		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	62.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	62		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	55.5		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	57.6		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	18.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	62		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	61.1		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	77.252		10-139		52	SPK: -150
13127-88-3	Phenol-d6	63.641		10-134		42	SPK: -150
4165-60-0	Nitrobenzene-d5	120.121		49-133		120	SPK: -100
321-60-8	2-Fluorobiphenyl	114.698		52-132		115	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MS	SDG No.:	BF081224
Lab Sample ID:	P3478-02MS	Matrix:	Water
Analytical Method:	8270E	% 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
BF138950.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	180.729		44-137		120	SPK: -150
1718-51-0	Terphenyl-d14	145.714	*	48-125		146	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41259	6.84				
1146-65-2	Naphthalene-d8	171730	8.122				
15067-26-2	Acenaphthene-d10	99762	9.875				
1517-22-2	Phenanthrene-d10	166539	11.363				
1719-03-5	Chrysene-d12	79622	14.004				
1520-96-3	Perylene-d12	79815	15.463				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MSD	SDG No.:	BF081224
Lab Sample ID:	P3478-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138951.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	24.3		1	8	10	ug/L
110-86-1	Pyridine	13.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	25.8		1.6	4	5	ug/L
108-95-2	Phenol	23.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	54.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	47.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	44.2		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	46.5		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	39.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	48		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	54.4		1.4	4	5	ug/L
98-86-2	Acetophenone	55.6		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	45.6		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	64		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	45.3		1	4	5	ug/L
98-95-3	Nitrobenzene	56.4		1.3	4	5	ug/L
78-59-1	Isophorone	60.7		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	58.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	61.5		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	57.7		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	57.7		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	52.4		1.1	4	5	ug/L
65-85-0	Benzoic acid	9.3	J	5.5	8	10	ug/L
91-20-3	Naphthalene	54.7		1	4	5	ug/L
106-47-8	4-Chloroaniline	19		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	49.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MSD	SDG No.:	BF081224
Lab Sample ID:	P3478-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138951.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	8.5	J	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	60.7		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	59.7		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	54.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	53.7		1	4	5	ug/L
92-52-4	1,1-Biphenyl	53		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	55.5		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	61.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	67.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	62.7		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	60.1		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28.6		1.4	4	5	ug/L
83-32-9	Acenaphthene	57.1		0.81	4	5	ug/L
Total PAH	Total PAH	953.8		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	18		2	8	10	ug/L
132-64-9	Dibenzofuran	60.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	24.5		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	64.4		1.5	4	5	ug/L
84-66-2	Diethylphthalate	66.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	61.3		0.98	4	5	ug/L
86-73-7	Fluorene	61.8		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	53.3		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.5		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	62.1		0.89	4	5	ug/L
103-33-3	Azobenzene	62.6		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	59.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	58.4		1.1	4	5	ug/L
1912-24-9	Atrazine	69.1		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MSD	SDG No.:	BF081224
Lab Sample ID:	P3478-03MSD	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138951.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	61		0.89	4	5	ug/L
120-12-7	Anthracene	63.1		1.1	4	5	ug/L
86-74-8	Carbazole	58.9		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	70.7		1.5	4	5	ug/L
206-44-0	Fluoranthene	58.3		1.3	4	5	ug/L
92-87-5	Benzidine	5.6	J	4.1	8	10	ug/L
129-00-0	Pyrene	60.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	68.4		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	44.6		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	60		0.94	4	5	ug/L
218-01-9	Chrysene	61.2		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	61.8		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.4		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	57.2		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	67.9		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	64		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	57.7		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	56.3		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	50.2		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	52.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	16.7		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	59.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	56		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	70.632		10-139		47	SPK: -150
13127-88-3	Phenol-d6	59.241		10-134		39	SPK: -150
4165-60-0	Nitrobenzene-d5	108.719		49-133		109	SPK: -100
321-60-8	2-Fluorobiphenyl	104.972		52-132		105	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS04MSD	SDG No.:	BF081224
Lab Sample ID:	P3478-03MSD	Matrix:	Water
Analytical Method:	8270E	% 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
BF138951.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	167.353		44-137		112	SPK: -150
1718-51-0	Terphenyl-d14	129.742	*	48-125		130	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45355	6.84				
1146-65-2	Naphthalene-d8	191758	8.122				
15067-26-2	Acenaphthene-d10	111683	9.875				
1517-22-2	Phenanthrene-d10	190822	11.363				
1719-03-5	Chrysene-d12	91973	14.004				
1520-96-3	Perylene-d12	89724	15.462				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081224
Lab Sample ID:	P3543-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138952.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081224
Lab Sample ID:	P3543-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138952.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	27.7	J	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081224
Lab Sample ID:	P3543-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138952.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	157.651		10-139		105	SPK: -150
13127-88-3	Phenol-d6	152.5		10-134		102	SPK: -150
4165-60-0	Nitrobenzene-d5	105.833		49-133		106	SPK: -100
321-60-8	2-Fluorobiphenyl	103.938		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019	SDG No.:	BF081224
Lab Sample ID:	P3543-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138952.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	183.11		44-137		122	SPK: -150
1718-51-0	Terphenyl-d14	131.236	*	48-125		131	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45139	6.84				
1146-65-2	Naphthalene-d8	189203	8.116				
15067-26-2	Acenaphthene-d10	110962	9.869				
1517-22-2	Phenanthrene-d10	208700	11.357				
1719-03-5	Chrysene-d12	116040	13.998				
1520-96-3	Perylene-d12	86668	15.463				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MS	SDG No.:	BF081224
Lab Sample ID:	P3543-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138953.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	680		10.3	80	100	ug/L
110-86-1	Pyridine	200		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	190		16	40	50	ug/L
108-95-2	Phenol	610		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	610		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	660		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	600		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	590		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	590		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	680		16	80	100	ug/L
95-48-7	2-Methylphenol	670		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	600		13.5	40	50	ug/L
98-86-2	Acetophenone	610		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	700		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	690		14.8	25	25	ug/L
67-72-1	Hexachloroethane	600		10.1	40	50	ug/L
98-95-3	Nitrobenzene	600		12.7	40	50	ug/L
78-59-1	Isophorone	670		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	660		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	730		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	630		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	680		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	610		11	40	50	ug/L
65-85-0	Benzoic acid	590		54.7	80	100	ug/L
91-20-3	Naphthalene	610		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	95		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	600		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MS	SDG No.:	BF081224
Lab Sample ID:	P3543-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138953.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	540		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	700		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	650		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1500	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	650		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	640		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	580		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	620		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	630		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	740		9.3	40	50	ug/L
208-96-8	Acenaphthylene	690		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	670		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	130		13.7	40	50	ug/L
83-32-9	Acenaphthene	630		8.1	40	50	ug/L
Total PAH	Total PAH	10290		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1500	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	940	E	20	80	100	ug/L
132-64-9	Dibenzofuran	660		9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	700		15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	370		27.6	40	100	ug/L
84-66-2	Diethylphthalate	720		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	690		9.8	40	50	ug/L
86-73-7	Fluorene	680		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	530		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	700		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	620		8.9	40	50	ug/L
103-33-3	Azobenzene	680		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	640		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	630		11.4	40	50	ug/L
1912-24-9	Atrazine	520		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MS	SDG No.:	BF081224
Lab Sample ID:	P3543-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138953.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1200	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	660		8.9	40	50	ug/L
120-12-7	Anthracene	680		10.7	40	50	ug/L
86-74-8	Carbazole	590		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	780		14.7	40	50	ug/L
206-44-0	Fluoranthene	650		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	670		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	770		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	87.5	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	650		9.4	40	50	ug/L
218-01-9	Chrysene	650		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	670		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	560		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	740		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	650		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	700		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	570		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	570		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	490		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	590		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	450		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	720		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	620		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	170.278		10-139		114	SPK: -150
13127-88-3	Phenol-d6	167.635		10-134		112	SPK: -150
4165-60-0	Nitrobenzene-d5	114.658		49-133		115	SPK: -100
321-60-8	2-Fluorobiphenyl	114.95		52-132		115	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MS	SDG No.:	BF081224
Lab Sample ID:	P3543-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138953.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	183.782		44-137		123	SPK: -150
1718-51-0	Terphenyl-d14	142.483	*	48-125		142	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42250	6.84				
1146-65-2	Naphthalene-d8	177143	8.122				
15067-26-2	Acenaphthene-d10	101545	9.875				
1517-22-2	Phenanthrene-d10	177249	11.363				
1719-03-5	Chrysene-d12	86795	14.004				
1520-96-3	Perylene-d12	77644	15.463				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MSD	SDG No.:	BF081224
Lab Sample ID:	P3543-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138954.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	620		10.3	80	100	ug/L
110-86-1	Pyridine	190		15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	180		16	40	50	ug/L
108-95-2	Phenol	560		9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	550		11.9	40	50	ug/L
95-57-8	2-Chlorophenol	600		7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	550		8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	530		8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	540		8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	610		16	80	100	ug/L
95-48-7	2-Methylphenol	600		11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	540		13.5	40	50	ug/L
98-86-2	Acetophenone	570		11	40	50	ug/L
65794-96-9	3+4-Methylphenols	630		11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	620		14.8	25	25	ug/L
67-72-1	Hexachloroethane	540		10.1	40	50	ug/L
98-95-3	Nitrobenzene	560		12.7	40	50	ug/L
78-59-1	Isophorone	610		11.4	40	50	ug/L
88-75-5	2-Nitrophenol	610		19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	670		15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	580		10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	630		8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	560		11	40	50	ug/L
65-85-0	Benzoic acid	550		54.7	80	100	ug/L
91-20-3	Naphthalene	560		10.2	40	50	ug/L
106-47-8	4-Chloroaniline	80.9		13	40	50	ug/L
87-68-3	Hexachlorobutadiene	550		12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MSD	SDG No.:	BF081224
Lab Sample ID:	P3543-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138954.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	500		16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	650		8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	600		11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	1400	E	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	600		8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	590		10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	530		9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	550		9.7	40	50	ug/L
88-74-4	2-Nitroaniline	580		14.1	40	50	ug/L
131-11-3	Dimethylphthalate	670		9.3	40	50	ug/L
208-96-8	Acenaphthylene	630		10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	600		12.4	40	50	ug/L
99-09-2	3-Nitroaniline	120		13.7	40	50	ug/L
83-32-9	Acenaphthene	580		8.1	40	50	ug/L
Total PAH	Total PAH	9400		172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1400	E	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	850	E	20	80	100	ug/L
132-64-9	Dibenzofuran	600		9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	250		27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	650		15.2	40	50	ug/L
84-66-2	Diethylphthalate	660		10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	620		9.8	40	50	ug/L
86-73-7	Fluorene	620		9.6	40	50	ug/L
100-01-6	4-Nitroaniline	490		20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	660		30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	560		8.9	40	50	ug/L
103-33-3	Azobenzene	610		12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	600		9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	580		11.4	40	50	ug/L
1912-24-9	Atrazine	470		12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MSD	SDG No.:	BF081224
Lab Sample ID:	P3543-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138954.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1100	E	18.5	80	100	ug/L
85-01-8	Phenanthrene	610		8.9	40	50	ug/L
120-12-7	Anthracene	640		10.7	40	50	ug/L
86-74-8	Carbazole	550		11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	720		14.7	40	50	ug/L
206-44-0	Fluoranthene	610		12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	620		10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	730		21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	78.4	J	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	590		9.4	40	50	ug/L
218-01-9	Chrysene	600		8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	620		18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	520		25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	660		11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	600		11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	650		16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	500		10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	510		11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	420		11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	520		10.9	40	50	ug/L
123-91-1	1,4-Dioxane	410		12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	660		7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	570		8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	157.44		10-139		105	SPK: -150
13127-88-3	Phenol-d6	152.197		10-134		101	SPK: -150
4165-60-0	Nitrobenzene-d5	105.468		49-133		105	SPK: -100
321-60-8	2-Fluorobiphenyl	104.137		52-132		104	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	ARS20-0019MSD	SDG No.:	BF081224
Lab Sample ID:	P3543-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138954.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	173.417		44-137		116	SPK: -150
1718-51-0	Terphenyl-d14	132.659	*	48-125		133	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45273	6.84				
1146-65-2	Naphthalene-d8	187416	8.122				
15067-26-2	Acenaphthene-d10	109876	9.875				
1517-22-2	Phenanthrene-d10	190369	11.363				
1719-03-5	Chrysene-d12	94067	14.004				
1520-96-3	Perylene-d12	85424	15.463				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081224
Lab Sample ID:	P3548-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138955.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081224
Lab Sample ID:	P3548-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138955.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081224
Lab Sample ID:	P3548-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138955.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	172.167		10-139		115	SPK: -150
13127-88-3	Phenol-d6	164.347		10-134		110	SPK: -150
4165-60-0	Nitrobenzene-d5	115.795		49-133		116	SPK: -100
321-60-8	2-Fluorobiphenyl	112.845		52-132		113	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	RBR200036	SDG No.:	BF081224
Lab Sample ID:	P3548-05	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138955.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	201.24		44-137		134	SPK: -150
1718-51-0	Terphenyl-d14	148.1	*	48-125		148	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41455	6.839				
1146-65-2	Naphthalene-d8	173712	8.116				
15067-26-2	Acenaphthene-d10	101353	9.869				
1517-22-2	Phenanthrene-d10	189884	11.357				
1719-03-5	Chrysene-d12	105501	13.998				
1520-96-3	Perylene-d12	75103	15.468				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343	SDG No.:	BF081224
Lab Sample ID:	P3548-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138956.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343	SDG No.:	BF081224
Lab Sample ID:	P3548-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138956.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343	SDG No.:	BF081224
Lab Sample ID:	P3548-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138956.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	148.333		10-139		99	SPK: -150
13127-88-3	Phenol-d6	139.04		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	103.842		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	99.952		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	343	SDG No.:	BF081224
Lab Sample ID:	P3548-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138956.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	179.254		44-137		120	SPK: -150
1718-51-0	Terphenyl-d14	131.143	*	48-125		131	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44266	6.839				
1146-65-2	Naphthalene-d8	178863	8.116				
15067-26-2	Acenaphthene-d10	105409	9.869				
1517-22-2	Phenanthrene-d10	198269	11.357				
1719-03-5	Chrysene-d12	106042	13.998				
1520-96-3	Perylene-d12	76266	15.468				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081224
Lab Sample ID:	P3548-11	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138957.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081224
Lab Sample ID:	P3548-11	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138957.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081224
Lab Sample ID:	P3548-11	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138957.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	18.5	U	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	173.911		10-139		116	SPK: -150
13127-88-3	Phenol-d6	164.858		10-134		110	SPK: -150
4165-60-0	Nitrobenzene-d5	117.182		49-133		117	SPK: -100
321-60-8	2-Fluorobiphenyl	117.33		52-132		117	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	289	SDG No.:	BF081224
Lab Sample ID:	P3548-11	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138957.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	206.251	*	44-137		138	SPK: -150
1718-51-0	Terphenyl-d14	153.171	*	48-125		153	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40402	6.84				
1146-65-2	Naphthalene-d8	169084	8.116				
15067-26-2	Acenaphthene-d10	96667	9.869				
1517-22-2	Phenanthrene-d10	187790	11.357				
1719-03-5	Chrysene-d12	99090	13.998				
1520-96-3	Perylene-d12	71138	15.468				

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081224
Lab Sample ID:	P3548-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138958.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	10.3	U	10.3	80	100	ug/L
110-86-1	Pyridine	15.5	U	15.5	40	50	ug/L
100-52-7	Benzaldehyde	40	U	40	80	100	ug/L
62-53-3	Aniline	16	U	16	40	50	ug/L
108-95-2	Phenol	9.3	U	9.3	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	11.9	U	11.9	40	50	ug/L
95-57-8	2-Chlorophenol	7.1	U	7.1	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	8.8	U	8.8	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	8	U	8	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	8.4	U	8.4	40	50	ug/L
100-51-6	Benzyl Alcohol	16	U	16	80	100	ug/L
95-48-7	2-Methylphenol	11.3	U	11.3	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	13.5	U	13.5	40	50	ug/L
98-86-2	Acetophenone	11	U	11	40	50	ug/L
65794-96-9	3+4-Methylphenols	11.5	U	11.5	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	14.8	U	14.8	25	25	ug/L
67-72-1	Hexachloroethane	10.1	U	10.1	40	50	ug/L
98-95-3	Nitrobenzene	12.7	U	12.7	40	50	ug/L
78-59-1	Isophorone	11.4	U	11.4	40	50	ug/L
88-75-5	2-Nitrophenol	19.6	U	19.6	40	50	ug/L
105-67-9	2,4-Dimethylphenol	15.1	U	15.1	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	10.2	40	50	ug/L
120-83-2	2,4-Dichlorophenol	8.8	U	8.8	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	11	U	11	40	50	ug/L
65-85-0	Benzoic acid	54.7	U	54.7	80	100	ug/L
91-20-3	Naphthalene	10.2	U	10.2	40	50	ug/L
106-47-8	4-Chloroaniline	13	U	13	40	50	ug/L
87-68-3	Hexachlorobutadiene	12.7	U	12.7	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081224
Lab Sample ID:	P3548-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138958.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	16.5	U	16.5	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	8.4	U	8.4	40	50	ug/L
91-57-6	2-Methylnaphthalene	11.3	U	11.3	40	50	ug/L
77-47-4	Hexachlorocyclopentadiene	50.2	U	50.2	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	8.9	U	8.9	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	10.1	40	50	ug/L
92-52-4	1,1-Biphenyl	9.1	U	9.1	40	50	ug/L
91-58-7	2-Chloronaphthalene	9.7	U	9.7	40	50	ug/L
88-74-4	2-Nitroaniline	14.1	U	14.1	40	50	ug/L
131-11-3	Dimethylphthalate	9.3	U	9.3	40	50	ug/L
208-96-8	Acenaphthylene	10.4	U	10.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	12.4	U	12.4	40	50	ug/L
99-09-2	3-Nitroaniline	13.7	U	13.7	40	50	ug/L
83-32-9	Acenaphthene	8.1	U	8.1	40	50	ug/L
Total PAH	Total PAH	172.9	U	172.9	40	800	ug/L
51-28-5	2,4-Dinitrophenol	64.2	U	64.2	80	100	ug/L
100-02-7	4-Nitrophenol	20	U	20	80	100	ug/L
132-64-9	Dibenzofuran	9.3	U	9.3	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.6	U	27.6	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	15.2	U	15.2	40	50	ug/L
84-66-2	Diethylphthalate	10.4	U	10.4	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	9.8	U	9.8	40	50	ug/L
86-73-7	Fluorene	9.6	U	9.6	40	50	ug/L
100-01-6	4-Nitroaniline	20.4	U	20.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	30.7	U	30.7	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	8.9	U	8.9	40	50	ug/L
103-33-3	Azobenzene	12	U	12	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	40	50	ug/L
118-74-1	Hexachlorobenzene	11.4	U	11.4	40	50	ug/L
1912-24-9	Atrazine	12.6	U	12.6	40	50	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081224
Lab Sample ID:	P3548-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138958.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	70.5	J	18.5	80	100	ug/L
85-01-8	Phenanthrene	8.9	U	8.9	40	50	ug/L
120-12-7	Anthracene	10.7	U	10.7	40	50	ug/L
86-74-8	Carbazole	11.5	U	11.5	40	50	ug/L
84-74-2	Di-n-butylphthalate	14.7	U	14.7	40	50	ug/L
206-44-0	Fluoranthene	12.9	U	12.9	40	50	ug/L
92-87-5	Benzidine	40.7	U	40.7	80	100	ug/L
129-00-0	Pyrene	10.6	U	10.6	40	50	ug/L
85-68-7	Butylbenzylphthalate	21	U	21	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	12.8	U	12.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	9.4	U	9.4	40	50	ug/L
218-01-9	Chrysene	8.6	U	8.6	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	18.9	U	18.9	40	50	ug/L
117-84-0	Di-n-octyl phthalate	25	U	25	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	11.4	U	11.4	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	11.9	U	11.9	40	50	ug/L
50-32-8	Benzo(a)pyrene	16.7	U	16.7	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	10.2	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	11.5	U	11.5	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	11.8	U	11.8	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.9	U	10.9	40	50	ug/L
123-91-1	1,4-Dioxane	12.5	U	12.5	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	7.9	U	7.9	40	50	ug/L
90-12-0	1-Methylnaphthalene	8.6	U	8.6	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	167.491		10-139		112	SPK: -150
13127-88-3	Phenol-d6	160.036		10-134		107	SPK: -150
4165-60-0	Nitrobenzene-d5	116.217		49-133		116	SPK: -100
321-60-8	2-Fluorobiphenyl	112.055		52-132		112	SPK: -100

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	IN-SITU-SOIL	SDG No.:	BF081224
Lab Sample ID:	P3548-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BF138958.D	1	8/10/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162660

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	202.845		44-137		135	SPK: -150
1718-51-0	Terphenyl-d14	143.644	*	48-125		144	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40224	6.84				
1146-65-2	Naphthalene-d8	164091	8.116				
15067-26-2	Acenaphthene-d10	96915	9.869				
1517-22-2	Phenanthrene-d10	184761	11.357				
1719-03-5	Chrysene-d12	99253	13.998				
1520-96-3	Perylene-d12	69921	15.468				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS05	SDG No.:	BF081224
Lab Sample ID:	P3478-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138959.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS05	SDG No.:	BF081224
Lab Sample ID:	P3478-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138959.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	4.1	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS05	SDG No.:	BF081224
Lab Sample ID:	P3478-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138959.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	92.002		10-139		61	SPK: -150
13127-88-3	Phenol-d6	59.831		10-134		40	SPK: -150
4165-60-0	Nitrobenzene-d5	114.274		49-133		114	SPK: -100
321-60-8	2-Fluorobiphenyl	112.561		52-132		113	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS05	SDG No.:	BF081224
Lab Sample ID:	P3478-05	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138959.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	185.493		44-137		124	SPK: -150
1718-51-0	Terphenyl-d14	134.37	*	48-125		134	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40499	6.84				
1146-65-2	Naphthalene-d8	168003	8.116				
15067-26-2	Acenaphthene-d10	96277	9.869				
1517-22-2	Phenanthrene-d10	180954	11.357				
1719-03-5	Chrysene-d12	99770	13.998				
1520-96-3	Perylene-d12	74287	15.468				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS06	SDG No.:	BF081224
Lab Sample ID:	P3478-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138960.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS06	SDG No.:	BF081224
Lab Sample ID:	P3478-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138960.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	7		0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS06	SDG No.:	BF081224
Lab Sample ID:	P3478-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138960.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	4.1	U	4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	79.941		10-139		53	SPK: -150
13127-88-3	Phenol-d6	49.469		10-134		33	SPK: -150
4165-60-0	Nitrobenzene-d5	114.843		49-133		115	SPK: -100
321-60-8	2-Fluorobiphenyl	111.355		52-132		111	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS06	SDG No.:	BF081224
Lab Sample ID:	P3478-07	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138960.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	186.086		44-137		124	SPK: -150
1718-51-0	Terphenyl-d14	141.896	*	48-125		142	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39920	6.84				
1146-65-2	Naphthalene-d8	169243	8.116				
15067-26-2	Acenaphthene-d10	98510	9.869				
1517-22-2	Phenanthrene-d10	180565	11.357				
1719-03-5	Chrysene-d12	96153	13.998				
1520-96-3	Perylene-d12	74528	15.468				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS07	SDG No.:	BF081224
Lab Sample ID:	P3478-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138961.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8	10	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5	ug/L
100-52-7	Benzaldehyde	4	U	4	8	10	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5	ug/L
108-95-2	Phenol	0.93	U	0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	0.88	U	0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	0.8	U	0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	0.84	U	0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8	10	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1	U	1	4	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	4	5	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5	ug/L
65-85-0	Benzoic acid	5.5	U	5.5	8	10	ug/L
91-20-3	Naphthalene	1	U	1	4	5	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS07	SDG No.:	BF081224
Lab Sample ID:	P3478-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138961.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5	U	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	4	5	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5	ug/L
131-11-3	Dimethylphthalate	2.6	J	0.93	4	5	ug/L
208-96-8	Acenaphthylene	1	U	1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.2	U	1.2	4	5	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	4	5	ug/L
Total PAH	Total PAH	17.36	U	17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	6.4	U	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	2	U	2	8	10	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.7	U	2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5	ug/L
84-66-2	Diethylphthalate	1	U	1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	4	5	ug/L
86-73-7	Fluorene	0.96	U	0.96	4	5	ug/L
100-01-6	4-Nitroaniline	2	U	2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	4	5	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	1.1	U	1.1	4	5	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5	ug/L

Report of Analysis

Client:				Date Collected:	8/5/2024 12:00:00 AM		
Project:				Date Received:	8/5/2024 12:00:00 AM		
Client Sample ID:	TS07			SDG No.:	BF081224		
Lab Sample ID:	P3478-09			Matrix:	Water		
Analytical Method:	8270E			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :				Decanted :			
Injection Volume :				Level :	LOW		
				GPC Factor :			
				GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138961.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8	10	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	4	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5	ug/L
92-87-5	Benzidine	37.7		4.1	8	10	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	4	5	ug/L
218-01-9	Chrysene	0.86	U	0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	0.86	U	0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	47.107		10-139		31	SPK: -150
13127-88-3	Phenol-d6	11.21	*	10-134		7	SPK: -150
4165-60-0	Nitrobenzene-d5	100.872		49-133		101	SPK: -100
321-60-8	2-Fluorobiphenyl	95.736		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	TS07	SDG No.:	BF081224
Lab Sample ID:	P3478-09	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138961.D	1	8/9/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162612

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.366	*	44-137		41	SPK: -150
1718-51-0	Terphenyl-d14	123.698		48-125		124	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45086	6.839				
1146-65-2	Naphthalene-d8	182173	8.116				
15067-26-2	Acenaphthene-d10	107216	9.869				
1517-22-2	Phenanthrene-d10	202355	11.357				
1719-03-5	Chrysene-d12	112807	13.998				
1520-96-3	Perylene-d12	83424	15.462				

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B1-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138962.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	100	U	100	310	380	ug/Kg
110-86-1	Pyridine	92.6	U	92.6	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	110	U	110	150	200	ug/Kg
108-95-2	Phenol	96.1	U	96.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	97.1	U	97.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.8	U	96.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98.1	U	98.1	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.7	U	99.7	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.2	U	96.2	310	380	ug/Kg
95-48-7	2-Methylphenol	93.5	U	93.5	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	200	ug/Kg
98-86-2	Acetophenone	100	U	100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	92.5	U	92.5	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.7	U	46.7	92.8	92.8	ug/Kg
67-72-1	Hexachloroethane	96.2	U	96.2	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98.1	U	98.1	150	200	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	99.5	U	99.5	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.5	U	87.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	99	U	99	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	95.8	U	95.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.8	U	95.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.6	U	96.6	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B1-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.05 Units: g	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
BF138962.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	100	U	100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	89.9	U	89.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	95.7	U	95.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.8	U	82.8	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.8	U	85.8	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.6	U	96.6	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.7	U	94.7	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.5	U	96.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	94	U	94	150	200	ug/Kg
Total PAH	Total PAH	1538.4	U	1538.4	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	280	U	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	97.9	U	97.9	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.4	U	196.4	150	400	ug/Kg
84-66-2	Diethylphthalate	92.9	U	92.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.3	U	99.3	150	200	ug/Kg
86-73-7	Fluorene	99.1	U	99.1	150	200	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	94.6	U	94.6	150	200	ug/Kg
103-33-3	Azobenzene	92.3	U	92.3	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.5	U	91.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.6	U	98.6	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B1-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138962.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.6	U	89.6	310	380	ug/Kg
85-01-8	Phenanthrene	97.4	U	97.4	150	200	ug/Kg
120-12-7	Anthracene	97.9	U	97.9	150	200	ug/Kg
86-74-8	Carbazole	93.1	U	93.1	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.7	U	97.7	150	200	ug/Kg
206-44-0	Fluoranthene	94.7	U	94.7	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	96.2	U	96.2	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	93.6	U	93.6	150	200	ug/Kg
218-01-9	Chrysene	92.2	U	92.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	94	U	94	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	95.8	U	95.8	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90.6	U	90.6	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94.2	U	94.2	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.9	U	92.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	200	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86.6	U	86.6	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.5	U	96.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	60.905		18-112		41	SPK: -150
13127-88-3	Phenol-d6	62.334		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	39.662		18-107		40	SPK: -100
321-60-8	2-Fluorobiphenyl	39.415		20-109		39	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-B1-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
Sample Wt/Vol:	30.05 Units: g	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
BF138962.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	61.747		10-116		41	SPK: -150
1718-51-0	Terphenyl-d14	51.605		10-105		52	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44053	6.839				
1146-65-2	Naphthalene-d8	190410	8.116				
15067-26-2	Acenaphthene-d10	109047	9.869				
1517-22-2	Phenanthrene-d10	204934	11.357				
1719-03-5	Chrysene-d12	108191	13.998				
1520-96-3	Perylene-d12	83952	15.462				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.122	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	180	A			5.057	
000111-06-8	Hexadecanoic acid, butyl ester	90.8	J			12.751	

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A2-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138963.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	110	U	110	330	400	ug/Kg
110-86-1	Pyridine	97.6	U	97.6	160	210	ug/Kg
100-52-7	Benzaldehyde	220	U	220	330	400	ug/Kg
62-53-3	Aniline	120	U	120	160	210	ug/Kg
108-95-2	Phenol	100	U	100	160	210	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	160	210	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	210	ug/Kg
95-50-1	1,2-Dichlorobenzene	100	U	100	160	210	ug/Kg
541-73-1	1,3-Dichlorobenzene	110	U	110	160	210	ug/Kg
106-46-7	1,4-Dichlorobenzene	110	U	110	160	210	ug/Kg
100-51-6	Benzyl Alcohol	100	U	100	330	400	ug/Kg
95-48-7	2-Methylphenol	98.4	U	98.4	160	210	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	210	ug/Kg
98-86-2	Acetophenone	110	U	110	160	210	ug/Kg
65794-96-9	3+4-Methylphenols	97.5	U	97.5	330	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	49.2	U	49.2	97.7	97.7	ug/Kg
67-72-1	Hexachloroethane	100	U	100	160	210	ug/Kg
98-95-3	Nitrobenzene	110	U	110	160	210	ug/Kg
78-59-1	Isophorone	100	U	100	160	210	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	210	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	160	210	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	100	U	100	160	210	ug/Kg
120-83-2	2,4-Dichlorophenol	92.2	U	92.2	160	210	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	100	U	100	160	210	ug/Kg
65-85-0	Benzoic acid	290	U	290	330	400	ug/Kg
91-20-3	Naphthalene	100	U	100	160	210	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	160	210	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A2-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	30.1 Units: g	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
BF138963.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	110	U	110	330	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94.7	U	94.7	160	210	ug/Kg
91-57-6	2-Methylnaphthalene	100	U	100	160	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	330	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.2	U	87.2	160	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	90.4	U	90.4	160	210	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	160	210	ug/Kg
91-58-7	2-Chloronaphthalene	100	U	100	160	210	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	160	210	ug/Kg
131-11-3	Dimethylphthalate	99.8	U	99.8	160	210	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	160	210	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	160	210	ug/Kg
83-32-9	Acenaphthene	99.1	U	99.1	160	210	ug/Kg
Total PAH	Total PAH	1606.1	U	1606.1	160	3360	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	300	330	400	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	330	400	ug/Kg
132-64-9	Dibenzofuran	100	U	100	160	210	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	160	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	160	210	ug/Kg
84-66-2	Diethylphthalate	97.8	U	97.8	160	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	160	210	ug/Kg
86-73-7	Fluorene	100	U	100	160	210	ug/Kg
100-01-6	4-Nitroaniline	130	U	130	160	210	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	330	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	99.7	U	99.7	160	210	ug/Kg
103-33-3	Azobenzene	97.2	U	97.2	160	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	96.4	U	96.4	160	210	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	160	210	ug/Kg
1912-24-9	Atrazine	110	U	110	160	210	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A2-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF138963.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	94.4	U	94.4	330	400	ug/Kg
85-01-8	Phenanthrene	100	U	100	160	210	ug/Kg
120-12-7	Anthracene	100	U	100	160	210	ug/Kg
86-74-8	Carbazole	98.1	U	98.1	160	210	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	210	ug/Kg
206-44-0	Fluoranthene	99.8	U	99.8	160	210	ug/Kg
92-87-5	Benzidine	200	U	200	330	400	ug/Kg
129-00-0	Pyrene	100	U	100	160	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	330	400	ug/Kg
56-55-3	Benzo(a)anthracene	98.6	U	98.6	160	210	ug/Kg
218-01-9	Chrysene	97.1	U	97.1	160	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	160	210	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	330	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	99.1	U	99.1	160	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	160	210	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	160	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95.4	U	95.4	160	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99.2	U	99.2	160	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	97.8	U	97.8	160	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	160	210	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	160	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	91.2	U	91.2	160	210	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	210	210	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.888		18-112		48	SPK: -150
13127-88-3	Phenol-d6	73.016		15-107		49	SPK: -150
4165-60-0	Nitrobenzene-d5	47.1		18-107		47	SPK: -100
321-60-8	2-Fluorobiphenyl	44.038		20-109		44	SPK: -100

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	WC-A2-COMP	SDG No.:	BF081224
Lab Sample ID:	P3474-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	18.4
Sample Wt/Vol:	30.1 Units: g	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
BF138963.D	1	8/6/2024 12:00:00 AM	8/13/2024 12:00:00 AM	PB162520

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.266		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	54.542		10-105		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44477	6.84				
1146-65-2	Naphthalene-d8	190949	8.116				
15067-26-2	Acenaphthene-d10	114390	9.869				
1517-22-2	Phenanthrene-d10	208244	11.357				
1719-03-5	Chrysene-d12	110393	13.998				
1520-96-3	Perylene-d12	85868	15.463				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.128	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	A			5.063	
	unknown9.963	130	J			9.963	
018835-33-1	1-Hexacosene	110	J			13.839	

Hit Summary Sheet SW-846

SDG No.: BF081224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-B1-COMP								
P3474-04	WC-B1-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl *	180.000	A			
P3474-04	WC-B1-COMP	Solid	Butane, 2-methoxy-2-methyl- *	1,200.000	J			
P3474-04	WC-B1-COMP	Solid	Hexadecanoic acid, butyl ester *	90.800	J			
Total Tics :				1,470.80				
Total Concentration:				1,470.80				
Client ID : WC-A2-COMP								
P3474-07	WC-A2-COMP	Solid	1-Hexacosene *	110.000	J			
P3474-07	WC-A2-COMP	Solid	2-Pentanone, 4-hydroxy-4-methyl *	220.000	A			
P3474-07	WC-A2-COMP	Solid	Butane, 2-methoxy-2-methyl- *	1,700.000	J			
P3474-07	WC-A2-COMP	Solid	unknown9.963 *	130.000	J			
Total Tics :				2,160.00				
Total Concentration:				2,160.00				
Client ID : TS04								
P3478-01	TS04	Water	Dimethylphthalate	3.400	J	0.93	5	ug/L
Total Svoc :				3.40				
Total Concentration:				3.40				
Client ID : TS05								
P3478-05	TS05	Water	Dimethylphthalate	4.100	J	0.93	5	ug/L
Total Svoc :				4.10				
Total Concentration:				4.10				
Client ID : TS06								
P3478-07	TS06	Water	Dimethylphthalate	7.000		0.93	5	ug/L
Total Svoc :				7.00				
Total Concentration:				7.00				
Client ID : TS07								
P3478-09	TS07	Water	Benzidine	37.700		4.1	10	ug/L
P3478-09	TS07	Water	Dimethylphthalate	2.600	J	0.93	5	ug/L
Total Svoc :				40.30				
Total Concentration:				40.30				
Client ID : 927-KI-SD-0-0.5-080724								
P3512-01	927-KI-SD-0-0.5-080724	Solid	2-Pentanone, 4-hydroxy-4-methyl *	210.000	A			
P3512-01	927-KI-SD-0-0.5-080724	Solid	Carbonic acid, hexadecyl prop-1-ε *	150.000	J			
P3512-01	927-KI-SD-0-0.5-080724	Solid	Octacosane, 2-methyl- *	530.000	J			
P3512-01	927-KI-SD-0-0.5-080724	Solid	Octadecanal *	170.000	J			
P3512-01	927-KI-SD-0-0.5-080724	Solid	Pentadecanal- *	190.000	J			

Hit Summary Sheet SW-846

SDG No.: BF081224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3512-01	927-KI-SD-0-0.5-080724	Solid	Tetratetracontane	*	760.000	J		
P3512-01	927-KI-SD-0-0.5-080724	Solid	unknown14.439	*	180.000	J		
P3512-01	927-KI-SD-0-0.5-080724	Solid	unknown16.957	*	160.000	J		
Total Tics :					2,350.00			
Total Concentration:					2,350.00			
Client ID : 931-KI-SD-0-0.5-080724								
P3512-02	931-KI-SD-0-0.5-080724	Solid	17-Pentatriacontene	*	96.900	J		
P3512-02	931-KI-SD-0-0.5-080724	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A		
P3512-02	931-KI-SD-0-0.5-080724	Solid	Tetratetracontane	*	95.600	J		
Total Tics :					332.50			
Total Concentration:					332.50			
Client ID : 931-KI-SD-0-0.5-080724-SD								
P3512-03	931-KI-SD-0-0.5-080724	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3512-03	931-KI-SD-0-0.5-080724	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	210.000	A		
P3512-03	931-KI-SD-0-0.5-080724	Solid	Heneicosane	*	220.000	J		
P3512-03	931-KI-SD-0-0.5-080724	Solid	Heptacosane	*	190.000	J		
P3512-03	931-KI-SD-0-0.5-080724	Solid	n-Tetracosanol-1	*	190.000	J		
P3512-03	931-KI-SD-0-0.5-080724	Solid	Octadecanal	*	100.000	J		
P3512-03	931-KI-SD-0-0.5-080724	Solid	Oxirane, hexadecyl-	*	110.000	J		
Total Tics :					1,150.00			
Total Concentration:					1,150.00			
Client ID : WC-A-05-202408								
P3530-03	WC-A-05-202408	water	Dimethylphthalate		37.200	J 9.3	50	ug/L
Total Svoc :					37.20			
Total Concentration:					37.20			
Client ID : ARS20-0019								
P3543-02	ARS20-0019	water	Dimethylphthalate		27.700	J 9.3	50	ug/L
Total Svoc :					27.70			
Total Concentration:					27.70			
Client ID : IN-SITU-SOIL								
P3548-14	IN-SITU-SOIL	water	Pentachlorophenol		70.500	J 18.5	100	ug/L
Total Svoc :					70.50			
Total Concentration:					70.50			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.813	0.817	0.829	0.814	0.804	0.818	1.9
Pyridine		1.373	1.365	1.453	1.381	1.380	1.374	3.1
2-Fluorophenol		1.404	1.367	1.341	1.274	1.244	1.296	6.0
Benzaldehyde		1.230	1.119	1.099	0.904	0.862	1.043	14.8
Aniline		1.656	1.626	1.704	1.532	1.487	1.551	7.5
Phenol-d6		1.938	1.816	1.828	1.681	1.654	1.740	7.2
Phenol		2.012	1.946	1.913	1.775	1.739	1.832	6.9
bis(2-Chloroethyl)ether		1.494	1.476	1.434	1.363	1.348	1.409	4.5
2-Chlorophenol		1.471	1.418	1.443	1.325	1.308	1.363	5.9
1,2-Dichlorobenzene		1.621	1.511	1.532	1.408	1.358	1.439	8.2
1,3-Dichlorobenzene		1.687	1.609	1.608	1.475	1.445	1.526	7.1
1,4-Dichlorobenzene		1.689	1.615	1.620	1.496	1.482	1.540	6.6
Benzyl Alcohol		1.326	1.287	1.334	1.218	1.213	1.254	5.3
2-Methylphenol		1.192	1.154	1.183	1.103	1.072	1.126	4.9
2,2-oxybis(1-Chloropropane)		2.695	2.576	2.592	2.350	2.311	2.426	8.2
Acetophenone		0.538	0.510	0.508	0.482	0.457	0.490	6.1
3+4-Methylphenols		1.661	1.554	1.558	1.367	1.328	1.444	10.0
n-Nitroso-di-n-propylamine	1.109	1.130	1.087	1.123	0.992	0.970	1.051	6.6
Nitrobenzene-d5		0.426	0.416	0.424	0.407	0.393	0.409	3.3
Hexachloroethane		0.619	0.614	0.598	0.568	0.554	0.580	5.3
Nitrobenzene		0.431	0.423	0.433	0.417	0.400	0.416	3.3
Isophorone		0.735	0.710	0.735	0.681	0.655	0.699	4.3
2-Nitrophenol		0.169	0.176	0.188	0.184	0.175	0.179	3.7
2,4-Dimethylphenol		0.219	0.217	0.221	0.214	0.207	0.214	2.6
bis(2-Chloroethoxy)methane		0.448	0.433	0.449	0.418	0.402	0.425	4.3
2,4-Dichlorophenol		0.279	0.276	0.293	0.276	0.264	0.275	3.6
1,2,4-Trichlorobenzene		0.344	0.324	0.329	0.316	0.304	0.318	5.0
Benzoic acid			0.136	0.158	0.166	0.166	0.168	12.7
Naphthalene		1.124	1.102	1.110	1.044	1.000	1.053	5.6
4-Chloroaniline		0.354	0.363	0.369	0.346	0.337	0.353	3.1
Hexachlorobutadiene		0.205	0.197	0.200	0.190	0.187	0.192	4.4
Caprolactam		0.078	0.084	0.088	0.078	0.076	0.082	5.6
4-Chloro-3-methylphenol		0.326	0.319	0.343	0.307	0.290	0.315	5.4
2-Methylnaphthalene		0.723	0.699	0.709	0.649	0.619	0.665	6.7
Hexachlorocyclopentadiene			0.064	0.101	0.127	0.138	0.120	27.1
2,4,6-Trichlorophenol		0.338	0.338	0.353	0.336	0.330	0.339	2.1

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D		RRF005 = BF138681.D		RRF010 = BF138682.D		
		RRF020 = BF138683.D		RRF040 = BF138684.D		RRF050 = BF138685.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.512	1.424	1.402	1.306	1.260	1.331	9.0
2,4,5-Trichlorophenol		0.368	0.379	0.387	0.368	0.361	0.370	2.6
1,1-Biphenyl		1.714	1.635	1.630	1.539	1.507	1.566	6.1
2-Chloronaphthalene		1.263	1.206	1.213	1.151	1.119	1.165	5.5
2-Nitroaniline		0.394	0.403	0.414	0.389	0.380	0.395	2.7
Dimethylphthalate		1.336	1.297	1.367	1.229	1.208	1.279	4.6
Acenaphthylene		1.796	1.744	1.743	1.637	1.573	1.652	6.8
2,6-Dinitrotoluene		0.286	0.288	0.304	0.288	0.277	0.289	3.6
3-Nitroaniline		0.308	0.300	0.317	0.288	0.286	0.298	4.1
Acenaphthene		1.217	1.173	1.169	1.082	1.049	1.111	6.8
2,4-Dinitrophenol			0.097	0.142	0.127	0.131	0.133	14.8
4-Nitrophenol			0.156	0.186	0.175	0.176	0.179	7.9
Dibenzofuran		1.729	1.680	1.666	1.515	1.484	1.568	7.8
2,4-Dinitrotoluene		0.377	0.376	0.402	0.362	0.342	0.368	5.4
Diethylphthalate		1.268	1.259	1.321	1.155	1.113	1.213	6.2
4-Chlorophenyl-phenylether		0.662	0.664	0.662	0.589	0.580	0.614	7.7
Fluorene		1.374	1.326	1.351	1.206	1.166	1.249	8.0
4-Nitroaniline		0.284	0.292	0.313	0.272	0.265	0.284	6.0
4,6-Dinitro-2-methylphenol			0.107	0.123	0.125	0.123	0.122	6.4
n-Nitrosodiphenylamine		0.642	0.645	0.645	0.631	0.606	0.625	3.3
Azobenzene		1.427	1.391	1.450	1.300	1.259	1.345	5.9
2,4,6-Tribromophenol		0.168	0.164	0.176	0.159	0.156	0.164	4.2
4-Bromophenyl-phenylether		0.227	0.219	0.226	0.217	0.211	0.217	3.8
Hexachlorobenzene		0.231	0.231	0.234	0.220	0.214	0.224	3.7
Atrazine		0.171	0.172	0.176	0.162	0.153	0.161	7.8
Pentachlorophenol			0.077	0.097	0.102	0.104	0.101	12.9
Phenanthrene		1.112	1.109	1.087	1.021	0.970	1.030	7.0
Anthracene		1.082	1.077	1.078	1.003	0.965	1.015	6.3
Carbazole		0.970	0.938	0.940	0.870	0.810	0.875	8.6
Di-n-butylphthalate		0.991	0.990	1.040	0.991	0.944	0.984	3.4
Fluoranthene		1.068	1.045	1.039	0.965	0.899	0.961	9.7
Benzidine		0.491	0.482	0.484	0.535	0.470	0.478	8.6
Pyrene		1.978	1.958	2.140	1.750	1.694	1.883	8.6
Terphenyl-d14		1.264	1.265	1.362	1.106	1.072	1.195	9.3
Butylbenzylphthalate		0.577	0.571	0.605	0.628	0.622	0.603	3.7
3,3-Dichlorobenzidine		0.388	0.364	0.377	0.360	0.346	0.352	8.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF073024 SAS No.: BF073024 SDG No.: BF073024
Instrument ID: _____ Calibration Date(s): 7/30/2024 : _____
Calibration Time(s): 12:54 _____

LAB FILE ID:		RRF2.5 = BF138680.D			RRF005 = BF138681.D		RRF010 = BF138682.D	
		RRF020 = BF138683.D			RRF040 = BF138684.D		RRF050 = BF138685.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.401	1.438	1.410	1.395	1.351	1.377	3.5
Chrysene		1.342	1.228	1.260	1.222	1.203	1.243	3.8
Bis(2-ethylhexyl)phthalate		0.876	0.838	0.861	0.948	0.945	0.883	5.1
Di-n-octyl phthalate		1.637	1.524	1.614	1.744	1.742	1.634	5.1
Benzo(b)fluoranthene		1.287	1.361	1.287	1.229	1.181	1.240	6.2
Benzo(k)fluoranthene		1.202	1.043	1.098	1.002	1.060	1.073	6.8
Benzo(a)pyrene		1.084	1.047	1.071	1.023	1.026	1.043	2.5
Indeno(1,2,3-cd)pyrene		1.469	1.464	1.517	1.395	1.406	1.433	3.5
Dibenzo(a,h)anthracene		1.226	1.231	1.253	1.134	1.140	1.177	4.9
Benzo(g,h,i)perylene		1.261	1.234	1.289	1.199	1.196	1.221	3.5
1,2,4,5-Tetrachlorobenzene		0.606	0.560	0.581	0.550	0.542	0.556	5.5
1,4-Dioxane		0.597	0.555	0.581	0.576	0.557	0.567	3.2
2,3,4,6-Tetrachlorophenol		0.270	0.279	0.297	0.274	0.280	0.283	4.0
1-Methylnaphthalene		0.713	0.685	0.692	0.636	0.606	0.652	6.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDICCC040

Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138684.D

Time Analyzed: 10:38

Instrument ID: BNA_F

GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	72528	6.845	281315	8.13	146962	9.88
	UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
	LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
	EPA SAMPLE NO.						
01	PB162487BL	43107	6.84	176916	8.12	100400	9.88
02	PB162487BS	49261	6.84	201466	8.12	113454	9.87
03	PB162605BL	44283	6.84	181661	8.12	103488	9.88
04	PB162605BS	49606	6.84	200959	8.12	114175	9.88
05	OU4-CF-10-080624	39910	6.84	160073	8.12	88239	9.87
06	OU4-CF-11-080624	37405	6.84	152807	8.12	80675	9.87
07	OU4-CF-09-080624	37641	6.84	154143	8.12	82111	9.87
08	OU4-CF-08-080624	36625	6.84	151588	8.12	83539	9.87
09	927-KI-SD-0-0.5-080724	38582	6.84	159332	8.12	84810	9.87
10	931-KI-SD-0-0.5-080724	38066	6.84	151811	8.12	83906	9.87
11	931-KI-SD-0-0.5-080724-SD	34863 *	6.84	142468	8.12	75639	9.87
12	B-105-SB02RE	43372	6.84	165395	8.12	72842 *	9.87
13	B-105-SB02MS	38304	6.84	136036 *	8.12	57011 *	9.88
14	B-105-SB02MSD	42957	6.84	165199	8.12	76059	9.88
15	PB162639BL	40668	6.84	173070	8.12	99786	9.87
16	RT4534	41573	6.84	170793	8.12	99023	9.87
17	RT4534MS	42827	6.84	179725	8.12	101576	9.88
18	RT4534MSD	43510	6.84	180048	8.12	104155	9.88
19	WC-S-04-202408	43265	6.84	176040	8.12	101493	9.87
20	WC-A-04-202408	43646	6.84	181066	8.12	106749	9.87
21	WC-A-05-202408	39258	6.84	168265	8.12	96537	9.87
22	TS04	45653	6.84	183947	8.12	105757	9.87
23	TS04MS	41259	6.84	171730	8.12	99762	9.88

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 23:57

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	72528	6.845	281315	8.13	146962	9.88
UPPER LIMIT	145056	7.345	562630	8.628	293924	10.38
LOWER LIMIT	36264	6.345	140657.5	7.628	73481	9.38
EPA SAMPLE NO.						
24 TS04MSD	45355	6.84	191758	8.12	111683	9.88
25 ARS20-0019	45139	6.84	189203	8.12	110962	9.87
26 ARS20-0019MS	42250	6.84	177143	8.12	101545	9.88
27 ARS20-0019MSD	45273	6.84	187416	8.12	109876	9.88
28 RBR200036	41455	6.84	173712	8.12	101353	9.87
29 343	44266	6.84	178863	8.12	105409	9.87
30 289	40402	6.84	169084	8.12	96667	9.87
31 IN-SITU-SOIL	40224	6.84	164091	8.12	96915	9.87
32 TS05	40499	6.84	168003	8.12	96277	9.87
33 TS06	39920	6.84	169243	8.12	98510	9.87
34 TS07	45086	6.84	182173	8.12	107216	9.87
35 WC-B1-COMP	44053	6.84	190410	8.12	109047	9.87
36 WC-A2-COMP	44477	6.84	190949	8.12	114390	9.87

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138924.D Time Analyzed: 10:38

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	54986	6.839	213210	8.12	117720	9.88
UPPER LIMIT	109972	7.339	426420	8.622	235440	10.375
LOWER LIMIT	27493	6.339	106605	7.622	58860	9.375
EPA SAMPLE NO.						
01 PB162487BL	43107	6.84	176916	8.12	100400	9.88
02 PB162487BS	49261	6.84	201466	8.12	113454	9.87
03 PB162605BL	44283	6.84	181661	8.12	103488	9.88
04 PB162605BS	49606	6.84	200959	8.12	114175	9.88
05 OU4-CF-10-080624	39910	6.84	160073	8.12	88239	9.87
06 OU4-CF-11-080624	37405	6.84	152807	8.12	80675	9.87
07 OU4-CF-09-080624	37641	6.84	154143	8.12	82111	9.87
08 OU4-CF-08-080624	36625	6.84	151588	8.12	83539	9.87
09 927-KI-SD-0-0.5-080724	38582	6.84	159332	8.12	84810	9.87
10 931-KI-SD-0-0.5-080724	38066	6.84	151811	8.12	83906	9.87
11 931-KI-SD-0-0.5-080724-SD	34863	6.84	142468	8.12	75639	9.87
12 B-105-SB02RE	43372	6.84	165395	8.12	72842	9.87
13 B-105-SB02MS	38304	6.84	136036	8.12	57011 *	9.88
14 B-105-SB02MSD	42957	6.84	165199	8.12	76059	9.88

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138941.D Time Analyzed: 19:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	58181	6.84	239376	8.12	138963	9.88
UPPER LIMIT	116362	7.34	478752	8.622	277926	10.375
LOWER LIMIT	29090.5	6.34	119688	7.622	69481.5	9.375
EPA SAMPLE NO.						
01 PB162639BL	40668	6.84	173070	8.12	99786	9.87
02 RT4534	41573	6.84	170793	8.12	99023	9.87
03 RT4534MS	42827	6.84	179725	8.12	101576	9.88
04 RT4534MSD	43510	6.84	180048	8.12	104155	9.88
05 WC-S-04-202408	43265	6.84	176040	8.12	101493	9.87
06 WC-A-04-202408	43646	6.84	181066	8.12	106749	9.87
07 WC-A-05-202408	39258	6.84	168265	8.12	96537	9.87
08 TS04	45653	6.84	183947	8.12	105757	9.87
09 TS04MS	41259	6.84	171730	8.12	99762	9.88
10 TS04MSD	45355	6.84	191758	8.12	111683	9.88
11 ARS20-0019	45139	6.84	189203	8.12	110962	9.87
12 ARS20-0019MS	42250	6.84	177143	8.12	101545	9.88
13 ARS20-0019MSD	45273	6.84	187416	8.12	109876	9.88
14 RBR200036	41455	6.84	173712	8.12	101353	9.87
15 343	44266	6.84	178863	8.12	105409	9.87
16 289	40402	6.84	169084	8.12	96667	9.87
17 IN-SITU-SOIL	40224	6.84	164091	8.12	96915	9.87
18 TS05	40499	6.84	168003	8.12	96277	9.87
19 TS06	39920	6.84	169243	8.12	98510	9.87
20 TS07	45086	6.84	182173	8.12	107216	9.87
21 WC-B1-COMP	44053	6.84	190410	8.12	109047	9.87
22 WC-A2-COMP	44477	6.84	190949	8.12	114390	9.87

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BF138941.D Time Analyzed: 05:54

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	58181	6.84	239376	8.12	138963	9.88
UPPER LIMIT	116362	7.34	478752	8.622	277926	10.375
LOWER LIMIT	29090.5	6.34	119688	7.622	69481.5	9.375
EPA SAMPLE NO.						

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 10:38

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
01	PB162487BL	183493	11.36	94958	14.00	75204 *	15.47
02	PB162487BS	194377	11.36	101916	14.00	92387	15.47
03	PB162605BL	187736	11.36	100085	14.00	79072	15.47
04	PB162605BS	195578	11.36	89281	14.00	91704	15.47
05	OU4-CF-10-080624	154854	11.36	68705	14.00	73887 *	15.47
06	OU4-CF-11-080624	135968	11.36	61639 *	14.00	71373 *	15.46
07	OU4-CF-09-080624	137703	11.36	61875 *	14.00	73308 *	15.46
08	OU4-CF-08-080624	141646	11.36	62462 *	14.00	69539 *	15.46
09	927-KI-SD-0-0.5-080724	133734	11.36	59521 *	14.00	74605 *	15.46
10	931-KI-SD-0-0.5-080724	135502	11.36	58184 *	14.00	71259 *	15.46
11	931-KI-SD-0-0.5-080724-SD	122853	11.36	55982 *	14.00	67594 *	15.46
12	B-105-SB02RE	97716 *	11.36	83335	14.00	63063 *	15.46
13	B-105-SB02MS	86117 *	11.36	74992	14.00	51648 *	15.47
14	B-105-SB02MSD	105350 *	11.36	76391	14.00	54264 *	15.47
15	PB162639BL	190310	11.36	120240	14.00	85558	15.47
16	RT4534	194510	11.36	117031	14.00	81727	15.47
17	RT4534MS	180644	11.36	86005	14.00	80675	15.46
18	RT4534MSD	181113	11.36	87039	14.00	78700	15.46
19	WC-S-04-202408	196155	11.36	118592	14.00	83240	15.47
20	WC-A-04-202408	201814	11.36	118832	14.00	87044	15.46
21	WC-A-05-202408	184119	11.36	107196	14.00	44584 *	15.47

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 22:58

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	227513	11.369	125928	14.004	151531	15.468
	UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
	LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
	EPA SAMPLE NO.						
22	TS04	191393	11.36	107341	14.00	82350	15.46
23	TS04MS	166539	11.36	79622	14.00	79815	15.46
24	TS04MSD	190822	11.36	91973	14.00	89724	15.46
25	ARS20-0019	208700	11.36	116040	14.00	86668	15.46
26	ARS20-0019MS	177249	11.36	86795	14.00	77644	15.46
27	ARS20-0019MSD	190369	11.36	94067	14.00	85424	15.46
28	RBR200036	189884	11.36	105501	14.00	75103 *	15.47
29	343	198269	11.36	106042	14.00	76266	15.47
30	289	187790	11.36	99090	14.00	71138 *	15.47
31	IN-SITU-SOIL	184761	11.36	99253	14.00	69921 *	15.47
32	TS05	180954	11.36	99770	14.00	74287 *	15.47
33	TS06	180565	11.36	96153	14.00	74528 *	15.47
34	TS07	202355	11.36	112807	14.00	83424	15.46
35	WC-B1-COMP	204934	11.36	108191	14.00	83952	15.46
36	WC-A2-COMP	208244	11.36	110393	14.00	85868	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDICCC040 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BF138684.D Time Analyzed: 05:54

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	227513	11.369	125928	14.004	151531	15.468
UPPER LIMIT	455026	11.869	251856	14.504	303062	15.968
LOWER LIMIT	113756.5	10.869	62964	13.504	75765.5	14.968
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138924.D Time Analyzed: 10:38

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	195868	11.363	97717	14.004	116194	15.468
UPPER LIMIT	391736	11.863	195434	14.504	232388	15.968
LOWER LIMIT	97934	10.863	48858.5	13.504	58097	14.968
EPA SAMPLE NO.						
01 PB162487BL	183493	11.36	94958	14.00	75204	15.47
02 PB162487BS	194377	11.36	101916	14.00	92387	15.47
03 PB162605BL	187736	11.36	100085	14.00	79072	15.47
04 PB162605BS	195578	11.36	89281	14.00	91704	15.47
05 OU4-CF-10-080624	154854	11.36	68705	14.00	73887	15.47
06 OU4-CF-11-080624	135968	11.36	61639	14.00	71373	15.46
07 OU4-CF-09-080624	137703	11.36	61875	14.00	73308	15.46
08 OU4-CF-08-080624	141646	11.36	62462	14.00	69539	15.46
09 927-KI-SD-0-0.5-080724	133734	11.36	59521	14.00	74605	15.46
10 931-KI-SD-0-0.5-080724	135502	11.36	58184	14.00	71259	15.46
11 931-KI-SD-0-0.5-080724-SD	122853	11.36	55982	14.00	67594	15.46
12 B-105-SB02RE	97716 *	11.36	83335	14.00	63063	15.46
13 B-105-SB02MS	86117 *	11.36	74992	14.00	51648 *	15.47
14 B-105-SB02MSD	105350	11.36	76391	14.00	54264 *	15.47

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BF138941.D Time Analyzed: 19:28

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	240817	11.363	119797	14.004	116791	15.468
	UPPER LIMIT	481634	11.863	239594	14.504	233582	15.968
	LOWER LIMIT	120408.5	10.863	59898.5	13.504	58395.5	14.968
	EPA SAMPLE NO.						
01	PB162639BL	190310	11.36	120240	14.00	85558	15.47
02	RT4534	194510	11.36	117031	14.00	81727	15.47
03	RT4534MS	180644	11.36	86005	14.00	80675	15.46
04	RT4534MSD	181113	11.36	87039	14.00	78700	15.46
05	WC-S-04-202408	196155	11.36	118592	14.00	83240	15.47
06	WC-A-04-202408	201814	11.36	118832	14.00	87044	15.46
07	WC-A-05-202408	184119	11.36	107196	14.00	44584 *	15.47
08	TS04	191393	11.36	107341	14.00	82350	15.46
09	TS04MS	166539	11.36	79622	14.00	79815	15.46
10	TS04MSD	190822	11.36	91973	14.00	89724	15.46
11	ARS20-0019	208700	11.36	116040	14.00	86668	15.46
12	ARS20-0019MS	177249	11.36	86795	14.00	77644	15.46
13	ARS20-0019MSD	190369	11.36	94067	14.00	85424	15.46
14	RBR200036	189884	11.36	105501	14.00	75103	15.47
15	343	198269	11.36	106042	14.00	76266	15.47
16	289	187790	11.36	99090	14.00	71138	15.47
17	IN-SITU-SOIL	184761	11.36	99253	14.00	69921	15.47
18	TS05	180954	11.36	99770	14.00	74287	15.47
19	TS06	180565	11.36	96153	14.00	74528	15.47
20	TS07	202355	11.36	112807	14.00	83424	15.46
21	WC-B1-COMP	204934	11.36	108191	14.00	83952	15.46

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF081224 SAS No.: BF081224 SDG NO.: BF081224

EPA Sample No.: SSTDCCC040 Date Analyzed: Aug 13 2024 12:00AM

Lab File ID: BF138941.D Time Analyzed: 05:54

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	240817	11.363	119797	14.004	116791	15.468
UPPER LIMIT	481634	11.863	239594	14.504	233582	15.968
LOWER LIMIT	120408.5	10.863	59898.5	13.504	58395.5	14.968
EPA SAMPLE NO.						
22 WC-A2-COMP	208244	11.36	110393	14.00	85868	15.46

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162487BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103		
	Pyridine	1700	1100	ug/Kg	65				28	98		
	Benzaldehyde	1700	1100	ug/Kg	65				10	133		
	Aniline	1700	1100	ug/Kg	65				38	100		
	Phenol	1700	1600	ug/Kg	94				62	112		
	bis(2-Chloroethyl)ether	1700	1400	ug/Kg	82				60	101		
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112		
	1,2-Dichlorobenzene	1700	1600	ug/Kg	94				51	102		
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99		
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100		
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116		
	2-Methylphenol	1700	1600	ug/Kg	94				61	108		
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100		
	Acetophenone	1700	1500	ug/Kg	88				66	98		
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111		
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95		
	Hexachloroethane	1700	1500	ug/Kg	88				72	108		
	Nitrobenzene	1700	1500	ug/Kg	88				57	101		
	Isophorone	1700	1500	ug/Kg	88				59	99		
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111		
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141		
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97		
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107		
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110		
	Benzoic acid	1700	1200	ug/Kg	71				10	140		
	Naphthalene	1700	1500	ug/Kg	88				62	100		
	4-Chloroaniline	1700	810	ug/Kg	48				16	100		
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98		
	Caprolactam	1700	1500	ug/Kg	88				67	110		
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112		
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104		
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				45	165		
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102		
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98		
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103		
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99		
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101		
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99		
	Acenaphthylene	1700	1600	ug/Kg	94				63	101		
	2,6-Dinitrotoluene	1700	1500	ug/Kg	88				61	104		
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100		
	Acenaphthene	1700	1400	ug/Kg	82				57	104		
	Total PAH	27200	25200	ug/Kg	93				57	104		
	2,4-Dinitrophenol	3300	2800	ug/Kg	85				37	128		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162487BS	4-Nitrophenol	3300	2400	ug/Kg	73				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	2,4-Dinitrotoluene/2,6-Dinitroto	3400	3100	ug/Kg	91				60	106	
	Diethylphthalate	1700	1700	ug/Kg	100				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103	
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113	
	N-Nitrosodiphenylamine	1700	1500	ug/Kg	88				71	99	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1800	ug/Kg	106				47	152	
	Pentachlorophenol	3300	2400	ug/Kg	73				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1600	ug/Kg	94				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1800	ug/Kg	106		*		58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	450	ug/Kg	14				10	98	
	Pyrene	1700	1600	ug/Kg	94				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1600	ug/Kg	94				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				54	135	
	Di-n-octyl phthalate	1700	1200	ug/Kg	71				52	137	
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(k)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101	
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108	
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081224**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB162605BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103	
	Pyridine	1700	1200	ug/Kg	71				28	98	
	Benzaldehyde	1700	1100	ug/Kg	65				10	133	
	Aniline	1700	1000	ug/Kg	59				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1700	ug/Kg	100				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1500	ug/Kg	88				66	98	
	3+4-Methylphenols	1700	1600	ug/Kg	94				58	111	
	N-Nitroso-di-n-propylamine	1700	1600	ug/Kg	94				63	95	
	Hexachloroethane	1700	1500	ug/Kg	88				72	108	
	Nitrobenzene	1700	1500	ug/Kg	88				57	101	
	Isophorone	1700	1600	ug/Kg	94				59	99	
	2-Nitrophenol	1700	1600	ug/Kg	94				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1500	ug/Kg	88				66	97	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1100	ug/Kg	65				10	140	
	Naphthalene	1700	1500	ug/Kg	88				62	100	
	4-Chloroaniline	1700	730	ug/Kg	43				16	100	
	Hexachlorobutadiene	1700	1600	ug/Kg	94				53	98	
	Caprolactam	1700	1500	ug/Kg	88				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	3200	ug/Kg	97				45	165	
	2,4,6-Trichlorophenol	1700	1500	ug/Kg	88				59	102	
	2,4,5-Trichlorophenol	1700	1400	ug/Kg	82				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1500	ug/Kg	88				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1000	ug/Kg	59				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	25300	ug/Kg	93				57	104	
	2,4-Dinitrophenol	3300	2900	ug/Kg	88				37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF081224**

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162605BS	4-Nitrophenol	3300	2400	ug/Kg	73				48	119		
	Dibenzofuran	1700	1500	ug/Kg	88				63	99		
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106		
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3200	ug/Kg	94				60	106		
	Diethylphthalate	1700	1700	ug/Kg	100				60	101		
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98		
	Fluorene	1700	1600	ug/Kg	94				61	101		
	4-Nitroaniline	1700	1400	ug/Kg	82				64	103		
	4,6-Dinitro-2-methylphenol	1700	1600	ug/Kg	94				76	113		
	N-Nitrosodiphenylamine	1700	1600	ug/Kg	94				71	99		
	Azobenzene	1700	1600	ug/Kg	94				54	103		
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				66	102		
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98		
	Atrazine	1700	1800	ug/Kg	106				47	152		
	Pentachlorophenol	3300	2500	ug/Kg	76				67	105		
	Phenanthrene	1700	1600	ug/Kg	94				59	103		
	Anthracene	1700	1600	ug/Kg	94				61	105		
	Carbazole	1700	1600	ug/Kg	94				61	99		
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104		
	Fluoranthene	1700	1600	ug/Kg	94				57	107		
	Benzidine	3300	480	ug/Kg	15				10	98		
	Pyrene	1700	1700	ug/Kg	100				59	103		
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103		
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91		
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102		
	Chrysene	1700	1600	ug/Kg	94				59	101		
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				54	135		
	Di-n-octyl phthalate	1700	1300	ug/Kg	76				52	137		
	Benzo(b)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109		
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103		
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101		
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112		
	Benzo(g,h,i)perylene	1700	1400	ug/Kg	82				70	108		
	1,2,4,5-Tetrachlorobenzene	1700	1400	ug/Kg	82				53	101		
	1,4-Dioxane	1700	1100	ug/Kg	65				50	96		
	2,3,4,6-Tetrachlorophenol	1700	1600	ug/Kg	94				59	108		
	1-Methylnaphthalene	1700	1500	ug/Kg	88				70	130		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-105-SB02MS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138937.D

Lab Sample ID: P3394-02MS

Instrument ID: BNA_F

Date Extracted: 07/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 16:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-105-SB02MS	P3394-02MS	BF138937.D	08/12/2024
B-105-SB02MSD	P3394-02MSD	BF138938.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162487BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138925.D

Lab Sample ID: PB162487BL

Instrument ID: BNA_F

Date Extracted: 08/05/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 10:38

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162487BS	PB162487BS	BF138926.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

WC-B1-COMP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138962.D

Lab Sample ID: P3474-04

Instrument ID: BNA_F

Date Extracted: 08/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/13/2024

Level: (low/med) LOW

Time Analyzed: 05:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WC-B1-COMP	P3474-04	BF138962.D	08/13/2024
WC-A2-COMP	P3474-07	BF138963.D	08/13/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

OU4-CF-10-080624

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138929.D

Lab Sample ID: P3520-05

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 12:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
OU4-CF-10-080624	P3520-05	BF138929.D	08/12/2024
OU4-CF-11-080624	P3520-07	BF138930.D	08/12/2024
OU4-CF-09-080624	P3520-03	BF138931.D	08/12/2024
OU4-CF-08-080624	P3520-01	BF138932.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162605BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138927.D

Lab Sample ID: PB162605BL

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 11:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162605BS	PB162605BS	BF138928.D	08/12/2024
927-KI-SD-0-0.5-080724	P3512-01	BF138933.D	08/12/2024
931-KI-SD-0-0.5-080724	P3512-02	BF138934.D	08/12/2024
931-KI-SD-0-0.5-080724-SD	P3512-03	BF138935.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TS05

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138959.D

Lab Sample ID: P3478-05

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) Water

Date Analyzed: 08/13/2024

Level: (low/med) LOW

Time Analyzed: 03:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TS05	P3478-05	BF138959.D	08/13/2024
TS06	P3478-07	BF138960.D	08/13/2024
TS07	P3478-09	BF138961.D	08/13/2024
TS04	P3478-01	BF138949.D	08/12/2024
TS04MS	P3478-02MS	BF138950.D	08/12/2024
TS04MSD	P3478-03MSD	BF138951.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB162639BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138942.D

Lab Sample ID: PB162639BL

Instrument ID: BNA_F

Date Extracted: 08/09/2024

Matrix: (soil/water) water

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 19:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RT4534	P3506-02	BF138943.D	08/12/2024
RT4534MS	P3506-02MS	BF138944.D	08/12/2024
RT4534MSD	P3506-02MSD	BF138945.D	08/12/2024
WC-S-04-202408	P3530-01	BF138946.D	08/12/2024
WC-A-04-202408	P3530-02	BF138947.D	08/12/2024
WC-A-05-202408	P3530-03	BF138948.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

ARS20-0019

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF081224

SAS No.: BF081224 SDG NO.: BF081224

Lab File ID: BF138952.D

Lab Sample ID: P3543-02

Instrument ID: BNA_F

Date Extracted: 08/10/2024

Matrix: (soil/water) water

Date Analyzed: 08/13/2024

Level: (low/med) LOW

Time Analyzed: 00:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
ARS20-0019	P3543-02	BF138952.D	08/13/2024
ARS20-0019MS	P3543-02MS	BF138953.D	08/13/2024
ARS20-0019MSD	P3543-02MSD	BF138954.D	08/13/2024
RBR200036	P3548-05	BF138955.D	08/13/2024
343	P3548-08	BF138956.D	08/13/2024
289	P3548-11	BF138957.D	08/13/2024
IN-SITU-SOIL	P3548-14	BF138958.D	08/13/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3543-02MS		Client Sample ID: ARS20-0019MS		DataFile: BF138953.D							
n-Nitrosodimethylamine	500		680	ug/L	136	*			10	130	
Pyridine	500		200	ug/L	40				10	109	
Benzaldehyde	500		0	ug/L	0	*			10	137	
Aniline	500		190	ug/L	38				10	130	
Phenol	500		610	ug/L	122				10	130	
bis(2-Chloroethyl)ether	500		610	ug/L	122				29	141	
2-Chlorophenol	500		660	ug/L	132	*			23	127	
1,2-Dichlorobenzene	500		600	ug/L	120	*			61	114	
1,3-Dichlorobenzene	500		590	ug/L	118	*			65	106	
1,4-Dichlorobenzene	500		590	ug/L	118				55	125	
Benzyl Alcohol	500		680	ug/L	136	*			31	94	
2-Methylphenol	500		670	ug/L	134	*			37	126	
2,2-oxybis(1-Chloropropane)	500		600	ug/L	120				36	141	
Acetophenone	500		610	ug/L	122				31	164	
3+4-Methylphenols	500		700	ug/L	140	*			31	127	
N-Nitroso-di-n-propylamine	500		690	ug/L	138				36	147	
Hexachloroethane	500		600	ug/L	120	*			49	110	
Nitrobenzene	500		600	ug/L	120	*			62	112	
Isophorone	500		670	ug/L	134				39	146	
2-Nitrophenol	500		660	ug/L	132				30	148	
2,4-Dimethylphenol	500		730	ug/L	146	*			17	143	
bis(2-Chloroethoxy)methane	500		630	ug/L	126				39	143	
2,4-Dichlorophenol	500		680	ug/L	136				22	146	
1,2,4-Trichlorobenzene	500		610	ug/L	122	*			66	110	
Benzoic acid	500		590	ug/L	118	*			10	101	
Naphthalene	500		610	ug/L	122				17	157	
4-Chloroaniline	500		95	ug/L	19				10	95	
Hexachlorobutadiene	500		600	ug/L	120				52	125	
Caprolactam	500		540	ug/L	108				10	130	
4-Chloro-3-methylphenol	500		700	ug/L	140				17	148	
2-Methylnaphthalene	500		650	ug/L	130				38	146	
Hexachlorocyclopentadiene	1000		1500	ug/L	150				20	153	
2,4,6-Trichlorophenol	500		650	ug/L	130	*			78	112	
2,4,5-Trichlorophenol	500		640	ug/L	128	*			71	111	
1,1-Biphenyl	500		580	ug/L	116				38	154	
2-Chloronaphthalene	500		620	ug/L	124				41	145	
2-Nitroaniline	500		630	ug/L	126				39	151	
Dimethylphthalate	500	27.7	740	ug/L	142				42	147	
Acenaphthylene	500		690	ug/L	138				40	141	
2,6-Dinitrotoluene	500		670	ug/L	134				43	148	
3-Nitroaniline	500		130	ug/L	26				10	111	
Acenaphthene	500		630	ug/L	126				37	146	
Total PAH	8000		10290	ug/L	129				37	146	
2,4-Dinitrophenol	1000		1500	ug/L	150				14	167	
4-Nitrophenol	1000		940	ug/L	94				10	130	
Dibenzofuran	500		660	ug/L	132				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		700	ug/L	140				50	142	
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1370	ug/L	137				50	142	
Diethylphthalate	500		720	ug/L	144				41	148	
4-Chlorophenyl-phenylether	500		690	ug/L	138				38	149	
Fluorene	500		680	ug/L	136				39	144	
4-Nitroaniline	500		530	ug/L	106				27	138	
4,6-Dinitro-2-methylphenol	500		700	ug/L	140				32	175	
N-Nitrosodiphenylamine	500		620	ug/L	124				40	150	
Azobenzene	500		680	ug/L	136	*			72	112	
4-Bromophenyl-phenylether	500		640	ug/L	128				42	151	
Hexachlorobenzene	500		630	ug/L	126	*			72	115	
Atrazine	500		520	ug/L	104				20	162	
Pentachlorophenol	1000		1200	ug/L	120				25	139	
Phenanthrene	500		660	ug/L	132				40	147	
Anthracene	500		680	ug/L	136				41	146	
Carbazole	500		590	ug/L	118				37	154	
Di-n-butylphthalate	500		780	ug/L	156	*			40	151	
Fluoranthene	500		650	ug/L	130				42	146	
Benzidine	1000		0	ug/L	0	*			10	130	
Pyrene	500		670	ug/L	134				41	149	
Butylbenzylphthalate	500		770	ug/L	154				39	155	
3,3-Dichlorobenzidine	500		87.5	ug/L	18				10	114	
Benzo(a)anthracene	500		650	ug/L	130				41	147	
Chrysene	500		650	ug/L	130				44	144	
bis(2-Ethylhexyl)phthalate	500		670	ug/L	134				33	160	
Di-n-octyl phthalate	500		560	ug/L	112				36	158	
Benzo(b)fluoranthene	500		740	ug/L	148				40	150	
Benzo(k)fluoranthene	500		650	ug/L	130				40	147	
Benzo(a)pyrene	500		700	ug/L	140				42	147	
Indeno(1,2,3-cd)pyrene	500		570	ug/L	114				30	166	
Dibenz(a,h)anthracene	500		570	ug/L	114				23	172	
Benzo(g,h,i)perylene	500		490	ug/L	98				27	167	
1,2,4,5-Tetrachlorobenzene	500		590	ug/L	118	*			89	102	
1,4-Dioxane	500		450	ug/L	90				38	130	
2,3,4,6-Tetrachlorophenol	500		720	ug/L	144	*			91	111	
1-Methylnaphthalene	500		620	ug/L	124				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3543-02MSD		Client Sample ID: ARS20-0019MSD					DataFile: BF138954.D				
n-Nitrosodimethylamine	500		620	ug/L	124		9		10	130	20
Pyridine	500		190	ug/L	38		5		10	109	20
Benzaldehyde	500		0	ug/L	0	*			10	137	20
Aniline	500		180	ug/L	36		5		10	130	20
Phenol	500		560	ug/L	112		9		10	130	20
bis(2-Chloroethyl)ether	500		550	ug/L	110		10		29	141	20
2-Chlorophenol	500		600	ug/L	120		10		23	127	20
1,2-Dichlorobenzene	500		550	ug/L	110		9		61	114	20
1,3-Dichlorobenzene	500		530	ug/L	106		11		65	106	20
1,4-Dichlorobenzene	500		540	ug/L	108		9		55	125	20
Benzyl Alcohol	500		610	ug/L	122	*	11		31	94	20
2-Methylphenol	500		600	ug/L	120		11		37	126	20
2,2-oxybis(1-Chloropropane)	500		540	ug/L	108		11		36	141	20
Acetophenone	500		570	ug/L	114		7		31	164	20
3+4-Methylphenols	500		630	ug/L	126		11		31	127	20
N-Nitroso-di-n-propylamine	500		620	ug/L	124		11		36	147	20
Hexachloroethane	500		540	ug/L	108		11		49	110	20
Nitrobenzene	500		560	ug/L	112		7		62	112	20
Isophorone	500		610	ug/L	122		9		39	146	20
2-Nitrophenol	500		610	ug/L	122		8		30	148	20
2,4-Dimethylphenol	500		670	ug/L	134		9		17	143	20
bis(2-Chloroethoxy)methane	500		580	ug/L	116		8		39	143	20
2,4-Dichlorophenol	500		630	ug/L	126		8		22	146	20
1,2,4-Trichlorobenzene	500		560	ug/L	112	*	9		66	110	20
Benzoic acid	500		550	ug/L	110	*	7		10	101	20
Naphthalene	500		560	ug/L	112		9		17	157	20
4-Chloroaniline	500		80.9	ug/L	16		17		10	95	20
Hexachlorobutadiene	500		550	ug/L	110		9		52	125	20
Caprolactam	500		500	ug/L	100		8		10	130	20
4-Chloro-3-methylphenol	500		650	ug/L	130		7		17	148	20
2-Methylnaphthalene	500		600	ug/L	120		8		38	146	20
Hexachlorocyclopentadiene	1000		1400	ug/L	140		7		20	153	20
2,4,6-Trichlorophenol	500		600	ug/L	120	*	8		78	112	20
2,4,5-Trichlorophenol	500		590	ug/L	118	*	8		71	111	20
1,1-Biphenyl	500		530	ug/L	106		9		38	154	20
2-Chloronaphthalene	500		550	ug/L	110		12		41	145	20
2-Nitroaniline	500		580	ug/L	116		8		39	151	20
Dimethylphthalate	500	27.7	670	ug/L	128		10		42	147	20
Acenaphthylene	500		630	ug/L	126		9		40	141	20
2,6-Dinitrotoluene	500		600	ug/L	120		11		43	148	20
3-Nitroaniline	500		120	ug/L	24		8		10	111	20
Acenaphthene	500		580	ug/L	116		8		37	146	20
Total PAH	8000		9400	ug/L	117		10		37	146	20
2,4-Dinitrophenol	1000		1400	ug/L	140		7		14	167	20
4-Nitrophenol	1000		850	ug/L	85		10		10	130	20
Dibenzofuran	500		600	ug/L	120		10		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	500		650	ug/L	130		7		50	142	20
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1250	ug/L	125		9		50	142	20
Diethylphthalate	500		660	ug/L	132		9		41	148	20
4-Chlorophenyl-phenylether	500		620	ug/L	124		11		38	149	20
Fluorene	500		620	ug/L	124		9		39	144	20
4-Nitroaniline	500		490	ug/L	98		8		27	138	20
4,6-Dinitro-2-methylphenol	500		660	ug/L	132		6		32	175	20
N-Nitrosodiphenylamine	500		560	ug/L	112		10		40	150	20
Azobenzene	500		610	ug/L	122	*	11		72	112	20
4-Bromophenyl-phenylether	500		600	ug/L	120		6		42	151	20
Hexachlorobenzene	500		580	ug/L	116	*	8		72	115	20
Atrazine	500		470	ug/L	94		10		20	162	20
Pentachlorophenol	1000		1100	ug/L	110		9		25	139	20
Phenanthrene	500		610	ug/L	122		8		40	147	20
Anthracene	500		640	ug/L	128		6		41	146	20
Carbazole	500		550	ug/L	110		7		37	154	20
Di-n-butylphthalate	500		720	ug/L	144		8		40	151	20
Fluoranthene	500		610	ug/L	122		6		42	146	20
Benzidine	1000		0	ug/L	0	*			10	130	20
Pyrene	500		620	ug/L	124		8		41	149	20
Butylbenzylphthalate	500		730	ug/L	146		5		39	155	20
3,3-Dichlorobenzidine	500		78.4	ug/L	16		12		10	114	20
Benzo(a)anthracene	500		590	ug/L	118		10		41	147	20
Chrysene	500		600	ug/L	120		8		44	144	20
bis(2-Ethylhexyl)phthalate	500		620	ug/L	124		8		33	160	20
Di-n-octyl phthalate	500		520	ug/L	104		7		36	158	20
Benzo(b)fluoranthene	500		660	ug/L	132		11		40	150	20
Benzo(k)fluoranthene	500		600	ug/L	120		8		40	147	20
Benzo(a)pyrene	500		650	ug/L	130		7		42	147	20
Indeno(1,2,3-cd)pyrene	500		500	ug/L	100		13		30	166	20
Dibenz(a,h)anthracene	500		510	ug/L	102		11		23	172	20
Benzo(g,h,i)perylene	500		420	ug/L	84		15		27	167	20
1,2,4,5-Tetrachlorobenzene	500		520	ug/L	104	*	13		89	102	20
1,4-Dioxane	500		410	ug/L	82		9		38	130	20
2,3,4,6-Tetrachlorophenol	500		660	ug/L	132	*	9		91	111	20
1-Methylnaphthalene	500		570	ug/L	114		8		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3394-02MS		Client Sample ID: B-105-SB02MS		DataFile: BF138937.D							
n-Nitrosodimethylamine	2000		2400	ug/Kg	120				66	124	
Pyridine	2000		1600	ug/Kg	80				45	119	
Benzaldehyde	2000		0	ug/Kg	0	*			10	86	
Aniline	2000		1200	ug/Kg	60				10	88	
Phenol	2000		1900	ug/Kg	95				67	126	
bis(2-Chloroethyl)ether	2000		2000	ug/Kg	100				54	125	
2-Chlorophenol	2000		2100	ug/Kg	105				79	107	
1,2-Dichlorobenzene	2000		2000	ug/Kg	100				61	105	
1,3-Dichlorobenzene	2000		2000	ug/Kg	100				62	101	
1,4-Dichlorobenzene	2000		2000	ug/Kg	100				63	104	
Benzyl Alcohol	2000		2100	ug/Kg	105				47	126	
2-Methylphenol	2000		1900	ug/Kg	95				66	122	
2,2-oxybis(1-Chloropropane)	2000		2000	ug/Kg	100				65	110	
Acetophenone	2000		2300	ug/Kg	115	*			75	111	
3+4-Methylphenols	2000		2000	ug/Kg	100				66	104	
N-Nitroso-di-n-propylamine	2000		2100	ug/Kg	105				59	119	
Hexachloroethane	2000		2200	ug/Kg	110				65	117	
Nitrobenzene	2000		2100	ug/Kg	105				70	119	
Isophorone	2000		2200	ug/Kg	110				76	122	
2-Nitrophenol	2000		2200	ug/Kg	110				54	145	
2,4-Dimethylphenol	2000		2300	ug/Kg	115				44	135	
bis(2-Chloroethoxy)methane	2000		2200	ug/Kg	110				68	112	
2,4-Dichlorophenol	2000		2100	ug/Kg	105				72	118	
1,2,4-Trichlorobenzene	2000		2100	ug/Kg	105	*			57	103	
Benzoic acid	2000		1300	ug/Kg	65				50	104	
Naphthalene	2000		2100	ug/Kg	105				72	110	
4-Chloroaniline	2000		800	ug/Kg	40				10	91	
Hexachlorobutadiene	2000		2200	ug/Kg	110				66	114	
Caprolactam	2000		1800	ug/Kg	90				51	134	
4-Chloro-3-methylphenol	2000		1800	ug/Kg	90				57	132	
2-Methylnaphthalene	2000		2000	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	3900		2200	ug/Kg	56				10	175	
2,4,6-Trichlorophenol	2000		2200	ug/Kg	110				72	117	
2,4,5-Trichlorophenol	2000		2000	ug/Kg	100				72	117	
1,1-Biphenyl	2000		2200	ug/Kg	110				75	113	
2-Chloronaphthalene	2000		2300	ug/Kg	115				67	118	
2-Nitroaniline	2000		2300	ug/Kg	115				69	127	
Dimethylphthalate	2000		2500	ug/Kg	125	*			70	113	
Acenaphthylene	2000		2300	ug/Kg	115				79	118	
2,6-Dinitrotoluene	2000		2200	ug/Kg	110				70	125	
3-Nitroaniline	2000		1600	ug/Kg	80				30	99	
Acenaphthene	2000		2100	ug/Kg	105				70	121	
Total PAH	32000		34500	ug/Kg	108				70	121	
2,4-Dinitrophenol	3900		2500	ug/Kg	64				10	155	
4-Nitrophenol	3900		3000	ug/Kg	77				45	133	
Dibenzofuran	2000		2100	ug/Kg	105				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2000	ug/Kg	100				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		4200	ug/Kg	105				55	128	
Diethylphthalate	2000		2300	ug/Kg	115	*			70	112	
4-Chlorophenyl-phenylether	2000		2100	ug/Kg	105				71	108	
Fluorene	2000		2000	ug/Kg	100				68	116	
4-Nitroaniline	2000		1800	ug/Kg	90				55	120	
4,6-Dinitro-2-methylphenol	2000		1700	ug/Kg	85				10	160	
N-Nitrosodiphenylamine	2000		2200	ug/Kg	110				73	118	
Azobenzene	2000		2000	ug/Kg	100				73	110	
4-Bromophenyl-phenylether	2000		2200	ug/Kg	110				65	121	
Hexachlorobenzene	2000		2100	ug/Kg	105				67	118	
Atrazine	2000		2600	ug/Kg	130	*			79	127	
Pentachlorophenol	3900		3500	ug/Kg	90				47	128	
Phenanthrene	2000		2200	ug/Kg	110				52	128	
Anthracene	2000		2400	ug/Kg	120				62	124	
Carbazole	2000		2400	ug/Kg	120	*			59	119	
Di-n-butylphthalate	2000		2700	ug/Kg	135	*			69	118	
Fluoranthene	2000		2800	ug/Kg	140	*			44	125	
Benzydine	3900		640	ug/Kg	16				10	119	
Pyrene	2000		1700	ug/Kg	85				26	142	
Butylbenzylphthalate	2000		2400	ug/Kg	120				64	126	
3,3-Dichlorobenzidine	2000		1700	ug/Kg	85				33	116	
Benzo(a)anthracene	2000		2100	ug/Kg	105				71	114	
Chrysene	2000		2200	ug/Kg	110				57	121	
bis(2-Ethylhexyl)phthalate	2000		2400	ug/Kg	120				42	169	
Di-n-octyl phthalate	2000		2000	ug/Kg	100				23	175	
Benzo(b)fluoranthene	2000		2300	ug/Kg	115				67	121	
Benzo(k)fluoranthene	2000		2700	ug/Kg	135	*			57	134	
Benzo(a)pyrene	2000		2400	ug/Kg	120				70	142	
Indeno(1,2,3-cd)pyrene	2000		1800	ug/Kg	90				40	129	
Dibenz(a,h)anthracene	2000		1800	ug/Kg	90				43	123	
Benzo(g,h,i)perylene	2000		1600	ug/Kg	80				24	125	
1,2,4,5-Tetrachlorobenzene	2000		2300	ug/Kg	115				69	124	
1,4-Dioxane	2000		1600	ug/Kg	80				46	112	
2,3,4,6-Tetrachlorophenol	2000		1800	ug/Kg	90				69	112	
1-Methylnaphthalene	2000		1800	ug/Kg	90				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3394-02MSD		Client Sample ID: B-105-SB02MSD		DataFile: BF138938.D							
n-Nitrosodimethylamine	2000		2300	ug/Kg	115		4		66	124	20
Pyridine	2000		1600	ug/Kg	80		0		45	119	20
Benzaldehyde	2000		0	ug/Kg	0	*			10	86	20
Aniline	2000		1200	ug/Kg	60		0		10	88	20
Phenol	2000		2000	ug/Kg	100		5		67	126	20
bis(2-Chloroethyl)ether	2000		2000	ug/Kg	100		0		54	125	20
2-Chlorophenol	2000		2100	ug/Kg	105		0		79	107	20
1,2-Dichlorobenzene	2000		2000	ug/Kg	100		0		61	105	20
1,3-Dichlorobenzene	2000		2000	ug/Kg	100		0		62	101	20
1,4-Dichlorobenzene	2000		2000	ug/Kg	100		0		63	104	20
Benzyl Alcohol	2000		2200	ug/Kg	110		5		47	126	20
2-Methylphenol	2000		2000	ug/Kg	100		5		66	122	20
2,2-oxybis(1-Chloropropane)	2000		1900	ug/Kg	95		5		65	110	20
Acetophenone	2000		2100	ug/Kg	105		9		75	111	20
3+4-Methylphenols	2000		2100	ug/Kg	105	*	5		66	104	20
N-Nitroso-di-n-propylamine	2000		2100	ug/Kg	105		0		59	119	20
Hexachloroethane	2000		2100	ug/Kg	105		5		65	117	20
Nitrobenzene	2000		2100	ug/Kg	105		0		70	119	20
Isophorone	2000		2100	ug/Kg	105		5		76	122	20
2-Nitrophenol	2000		2100	ug/Kg	105		5		54	145	20
2,4-Dimethylphenol	2000		2300	ug/Kg	115		0		44	135	20
bis(2-Chloroethoxy)methane	2000		2100	ug/Kg	105		5		68	112	20
2,4-Dichlorophenol	2000		2100	ug/Kg	105		0		72	118	20
1,2,4-Trichlorobenzene	2000		2000	ug/Kg	100		5		57	103	20
Benzoic acid	2000		1500	ug/Kg	75		14		50	104	20
Naphthalene	2000		2100	ug/Kg	105		0		72	110	20
4-Chloroaniline	2000		780	ug/Kg	39		3		10	91	20
Hexachlorobutadiene	2000		2100	ug/Kg	105		5		66	114	20
Caprolactam	2000		2000	ug/Kg	100		11		51	134	20
4-Chloro-3-methylphenol	2000		2000	ug/Kg	100		11		57	132	20
2-Methylnaphthalene	2000		2000	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	3900		1600	ug/Kg	41		31	*	10	175	20
2,4,6-Trichlorophenol	2000		2200	ug/Kg	110		0		72	117	20
2,4,5-Trichlorophenol	2000		1900	ug/Kg	95		5		72	117	20
1,1-Biphenyl	2000		2100	ug/Kg	105		5		75	113	20
2-Chloronaphthalene	2000		2200	ug/Kg	110		4		67	118	20
2-Nitroaniline	2000		2200	ug/Kg	110		4		69	127	20
Dimethylphthalate	2000		2400	ug/Kg	120	*	4		70	113	20
Acenaphthylene	2000		2200	ug/Kg	110		4		79	118	20
2,6-Dinitrotoluene	2000		2100	ug/Kg	105		5		70	125	20
3-Nitroaniline	2000		1500	ug/Kg	75		6		30	99	20
Acenaphthene	2000		2000	ug/Kg	100		5		70	121	20
Total PAH	32000		32600	ug/Kg	102		6		70	121	20
2,4-Dinitrophenol	3900		2400	ug/Kg	62		3		10	155	20
4-Nitrophenol	3900		2700	ug/Kg	69		11		45	133	20
Dibenzofuran	2000		2000	ug/Kg	100		5		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	2000		2000	ug/Kg	100		0		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	4000		4100	ug/Kg	103		2		55	128	20
Diethylphthalate	2000		2300	ug/Kg	115	*	0		70	112	20
4-Chlorophenyl-phenylether	2000		2100	ug/Kg	105		0		71	108	20
Fluorene	2000		2000	ug/Kg	100		0		68	116	20
4-Nitroaniline	2000		1600	ug/Kg	80		12		55	120	20
4,6-Dinitro-2-methylphenol	2000		1600	ug/Kg	80		6		10	160	20
N-Nitrosodiphenylamine	2000		2400	ug/Kg	120	*	9		73	118	20
Azobenzene	2000		2000	ug/Kg	100		0		73	110	20
4-Bromophenyl-phenylether	2000		2200	ug/Kg	110		0		65	121	20
Hexachlorobenzene	2000		2100	ug/Kg	105		0		67	118	20
Atrazine	2000		2700	ug/Kg	135	*	4		79	127	20
Pentachlorophenol	3900		3400	ug/Kg	87		3		47	128	20
Phenanthrene	2000		2200	ug/Kg	110		0		52	128	20
Anthracene	2000		2200	ug/Kg	110		9		62	124	20
Carbazole	2000		2200	ug/Kg	110		9		59	119	20
Di-n-butylphthalate	2000		2600	ug/Kg	130	*	4		69	118	20
Fluoranthene	2000		2400	ug/Kg	120		15		44	125	20
Benzidine	3900		670	ug/Kg	17		6		10	119	20
Pyrene	2000		1700	ug/Kg	85		0		26	142	20
Butylbenzylphthalate	2000		2500	ug/Kg	125		4		64	126	20
3,3-Dichlorobenzidine	2000		1800	ug/Kg	90		6		33	116	20
Benzo(a)anthracene	2000		2000	ug/Kg	100		5		71	114	20
Chrysene	2000		2100	ug/Kg	105		5		57	121	20
bis(2-Ethylhexyl)phthalate	2000		2500	ug/Kg	125		4		42	169	20
Di-n-octyl phthalate	2000		2000	ug/Kg	100		0		23	175	20
Benzo(b)fluoranthene	2000		2400	ug/Kg	120		4		67	121	20
Benzo(k)fluoranthene	2000		2200	ug/Kg	110		20		57	134	20
Benzo(a)pyrene	2000		2200	ug/Kg	110		9		70	142	20
Indeno(1,2,3-cd)pyrene	2000		1700	ug/Kg	85		6		40	129	20
Dibenz(a,h)anthracene	2000		1700	ug/Kg	85		6		43	123	20
Benzo(g,h,i)perylene	2000		1500	ug/Kg	75		6		24	125	20
1,2,4,5-Tetrachlorobenzene	2000		2200	ug/Kg	110		4		69	124	20
1,4-Dioxane	2000		1500	ug/Kg	75		6		46	112	20
2,3,4,6-Tetrachlorophenol	2000		1900	ug/Kg	95		5		69	112	20
1-Methylnaphthalene	2000		1900	ug/Kg	95		5		70	130	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3506-02MS		Client Sample ID: RT4534MS					DataFile: BF138944.D				
n-Nitrosodimethylamine	500		730	ug/L	146	*			10	130	
Pyridine	500		130	ug/L	26				10	109	
Benzaldehyde	500			ug/L	0	*			10	137	
Aniline	500		190	ug/L	38				10	130	
Phenol	500		620	ug/L	124				10	130	
bis(2-Chloroethyl)ether	500		630	ug/L	126				29	141	
2-Chlorophenol	500		690	ug/L	138	*			23	127	
1,2-Dichlorobenzene	500		640	ug/L	128	*			61	114	
1,3-Dichlorobenzene	500		620	ug/L	124	*			65	106	
1,4-Dichlorobenzene	500		630	ug/L	126	*			55	125	
Benzyl Alcohol	500		690	ug/L	138	*			31	94	
2-Methylphenol	500		660	ug/L	132	*			37	126	
2,2-oxybis(1-Chloropropane)	500		610	ug/L	122				36	141	
Acetophenone	500		620	ug/L	124				31	164	
3+4-Methylphenols	500		690	ug/L	138	*			31	127	
N-Nitroso-di-n-propylamine	500		710	ug/L	142				36	147	
Hexachloroethane	500		630	ug/L	126	*			49	110	
Nitrobenzene	500		620	ug/L	124	*			62	112	
Isophorone	500		650	ug/L	130				39	146	
2-Nitrophenol	500		660	ug/L	132				30	148	
2,4-Dimethylphenol	500		710	ug/L	142				17	143	
bis(2-Chloroethoxy)methane	500		630	ug/L	126				39	143	
2,4-Dichlorophenol	500		690	ug/L	138				22	146	
1,2,4-Trichlorobenzene	500		630	ug/L	126	*			66	110	
Benzoic acid	500		600	ug/L	120	*			10	101	
Naphthalene	500		630	ug/L	126				17	157	
4-Chloroaniline	500		140	ug/L	28				10	95	
Hexachlorobutadiene	500		630	ug/L	126	*			52	125	
Caprolactam	500		530	ug/L	106				10	130	
4-Chloro-3-methylphenol	500		690	ug/L	138				17	148	
2-Methylnaphthalene	500		650	ug/L	130				38	146	
Hexachlorocyclopentadiene	1000		1500	ug/L	150				20	153	
2,4,6-Trichlorophenol	500		670	ug/L	134	*			78	112	
2,4,5-Trichlorophenol	500		640	ug/L	128	*			71	111	
1,1-Biphenyl	500		590	ug/L	118				38	154	
2-Chloronaphthalene	500		620	ug/L	124				41	145	
2-Nitroaniline	500		650	ug/L	130				39	151	
Dimethylphthalate	500		710	ug/L	142				42	147	
Acenaphthylene	500		700	ug/L	140				40	141	
2,6-Dinitrotoluene	500		670	ug/L	134				43	148	
3-Nitroaniline	500		160	ug/L	32				10	111	
Acenaphthene	500		640	ug/L	128				37	146	
Total PAH	8000		10520	ug/L	132				37	146	
2,4-Dinitrophenol	1000		1600	ug/L	160				14	167	
4-Nitrophenol	1000		1000	ug/L	100				10	130	
Dibenzofuran	500		660	ug/L	132				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1390	ug/L	139				50	142	
2,4-Dinitrotoluene	500		720	ug/L	144	*			50	142	
Diethylphthalate	500		730	ug/L	146				41	148	
4-Chlorophenyl-phenylether	500		680	ug/L	136				38	149	
Fluorene	500		680	ug/L	136				39	144	
4-Nitroaniline	500		550	ug/L	110				27	138	
4,6-Dinitro-2-methylphenol	500		700	ug/L	140				32	175	
N-Nitrosodiphenylamine	500		620	ug/L	124				40	150	
Azobenzene	500		690	ug/L	138	*			72	112	
4-Bromophenyl-phenylether	500		640	ug/L	128				42	151	
Hexachlorobenzene	500		630	ug/L	126	*			72	115	
Atrazine	500		520	ug/L	104				20	162	
Pentachlorophenol	1000		1300	ug/L	130				25	139	
Phenanthrene	500		650	ug/L	130				40	147	
Anthracene	500		690	ug/L	138				41	146	
Carbazole	500		620	ug/L	124				37	154	
Di-n-butylphthalate	500		770	ug/L	154	*			40	151	
Fluoranthene	500		660	ug/L	132				42	146	
Benzidine	1000		0	ug/L	0	*			10	130	
Pyrene	500		690	ug/L	138				41	149	
Butylbenzylphthalate	500		780	ug/L	156	*			39	155	
3,3-Dichlorobenzidine	500		170	ug/L	34				10	114	
Benzo(a)anthracene	500		660	ug/L	132				41	147	
Chrysene	500		680	ug/L	136				44	144	
bis(2-Ethylhexyl)phthalate	500		670	ug/L	134				33	160	
Di-n-octyl phthalate	500		570	ug/L	114				36	158	
Benzo(b)fluoranthene	500		700	ug/L	140				40	150	
Benzo(k)fluoranthene	500		670	ug/L	134				40	147	
Benzo(a)pyrene	500		700	ug/L	140				42	147	
Indeno(1,2,3-cd)pyrene	500		610	ug/L	122				30	166	
Dibenz(a,h)anthracene	500		610	ug/L	122				23	172	
Benzo(g,h,i)perylene	500		550	ug/L	110				27	167	
1,2,4,5-Tetrachlorobenzene	500		590	ug/L	118	*			89	102	
1,4-Dioxane	500		480	ug/L	96				38	130	
2,3,4,6-Tetrachlorophenol	500		750	ug/L	150	*			91	111	
1-Methylnaphthalene	500		620	ug/L	124				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3506-02MSD		Client Sample ID: RT4534MSD						DataFile: BF138945.D			
n-Nitrosodimethylamine	500		690	ug/L	138	*	6		10	130	20
Pyridine	500		130	ug/L	26		0		10	109	20
Benzaldehyde	500			ug/L	0	*			10	137	20
Aniline	500		170	ug/L	34		11		10	130	20
Phenol	500		630	ug/L	126		2		10	130	20
bis(2-Chloroethyl)ether	500		620	ug/L	124		2		29	141	20
2-Chlorophenol	500		680	ug/L	136	*	1		23	127	20
1,2-Dichlorobenzene	500		620	ug/L	124	*	3		61	114	20
1,3-Dichlorobenzene	500		600	ug/L	120	*	3		65	106	20
1,4-Dichlorobenzene	500		610	ug/L	122		3		55	125	20
Benzyl Alcohol	500		690	ug/L	138	*	0		31	94	20
2-Methylphenol	500		660	ug/L	132	*	0		37	126	20
2,2-oxybis(1-Chloropropane)	500		600	ug/L	120		2		36	141	20
Acetophenone	500		630	ug/L	126		2		31	164	20
3+4-Methylphenols	500		700	ug/L	140	*	1		31	127	20
N-Nitroso-di-n-propylamine	500		700	ug/L	140		1		36	147	20
Hexachloroethane	500		620	ug/L	124	*	2		49	110	20
Nitrobenzene	500		620	ug/L	124	*	0		62	112	20
Isophorone	500		670	ug/L	134		3		39	146	20
2-Nitrophenol	500		670	ug/L	134		2		30	148	20
2,4-Dimethylphenol	500		730	ug/L	146	*	3		17	143	20
bis(2-Chloroethoxy)methane	500		630	ug/L	126		0		39	143	20
2,4-Dichlorophenol	500		690	ug/L	138		0		22	146	20
1,2,4-Trichlorobenzene	500		610	ug/L	122	*	3		66	110	20
Benzoic acid	500		610	ug/L	122	*	2		10	101	20
Naphthalene	500		620	ug/L	124		2		17	157	20
4-Chloroaniline	500		110	ug/L	22		24	*	10	95	20
Hexachlorobutadiene	500		610	ug/L	122		3		52	125	20
Caprolactam	500		550	ug/L	110		4		10	130	20
4-Chloro-3-methylphenol	500		700	ug/L	140		1		17	148	20
2-Methylnaphthalene	500		640	ug/L	128		2		38	146	20
Hexachlorocyclopentadiene	1000		1500	ug/L	150		0		20	153	20
2,4,6-Trichlorophenol	500		630	ug/L	126	*	6		78	112	20
2,4,5-Trichlorophenol	500		620	ug/L	124	*	3		71	111	20
1,1-Biphenyl	500		570	ug/L	114		3		38	154	20
2-Chloronaphthalene	500		600	ug/L	120		3		41	145	20
2-Nitroaniline	500		630	ug/L	126		3		39	151	20
Dimethylphthalate	500		690	ug/L	138		3		42	147	20
Acenaphthylene	500		680	ug/L	136		3		40	141	20
2,6-Dinitrotoluene	500		640	ug/L	128		5		43	148	20
3-Nitroaniline	500		140	ug/L	28		13		10	111	20
Acenaphthene	500		620	ug/L	124		3		37	146	20
Total PAH	8000		10220	ug/L	128		3		37	146	20
2,4-Dinitrophenol	1000		1500	ug/L	150		6		14	167	20
4-Nitrophenol	1000		960	ug/L	96		4		10	130	20
Dibenzofuran	500		650	ug/L	130		2		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		1340	ug/L	134		4		50	142	20
2,4-Dinitrotoluene	500		700	ug/L	140		3		50	142	20
Diethylphthalate	500		710	ug/L	142		3		41	148	20
4-Chlorophenyl-phenylether	500		660	ug/L	132		3		38	149	20
Fluorene	500		660	ug/L	132		3		39	144	20
4-Nitroaniline	500		510	ug/L	102		8		27	138	20
4,6-Dinitro-2-methylphenol	500		680	ug/L	136		3		32	175	20
N-Nitrosodiphenylamine	500		600	ug/L	120		3		40	150	20
Azobenzene	500		670	ug/L	134	*	3		72	112	20
4-Bromophenyl-phenylether	500		640	ug/L	128		0		42	151	20
Hexachlorobenzene	500		620	ug/L	124	*	2		72	115	20
Atrazine	500		450	ug/L	90		14		20	162	20
Pentachlorophenol	1000		1300	ug/L	130		0		25	139	20
Phenanthrene	500		650	ug/L	130		0		40	147	20
Anthracene	500		670	ug/L	134		3		41	146	20
Carbazole	500		590	ug/L	118		5		37	154	20
Di-n-butylphthalate	500		750	ug/L	150		3		40	151	20
Fluoranthene	500		630	ug/L	126		5		42	146	20
Benzidine	1000		41.2	ug/L	4	*	200	*	10	130	20
Pyrene	500		660	ug/L	132		4		41	149	20
Butylbenzylphthalate	500		750	ug/L	150		4		39	155	20
3,3-Dichlorobenzidine	500		130	ug/L	26		27	*	10	114	20
Benzo(a)anthracene	500		630	ug/L	126		5		41	147	20
Chrysene	500		640	ug/L	128		6		44	144	20
bis(2-Ethylhexyl)phthalate	500		650	ug/L	130		3		33	160	20
Di-n-octyl phthalate	500		560	ug/L	112		2		36	158	20
Benzo(b)fluoranthene	500		700	ug/L	140		0		40	150	20
Benzo(k)fluoranthene	500		670	ug/L	134		0		40	147	20
Benzo(a)pyrene	500		700	ug/L	140		0		42	147	20
Indeno(1,2,3-cd)pyrene	500		590	ug/L	118		3		30	166	20
Dibenz(a,h)anthracene	500		600	ug/L	120		2		23	172	20
Benzo(g,h,i)perylene	500		500	ug/L	100		10		27	167	20
1,2,4,5-Tetrachlorobenzene	500		570	ug/L	114	*	3		89	102	20
1,4-Dioxane	500		460	ug/L	92		4		38	130	20
2,3,4,6-Tetrachlorophenol	500		690	ug/L	138	*	8		91	111	20
1-Methylnaphthalene	500		620	ug/L	124		0		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3478-02MS		Client Sample ID: TS04MS		DataFile: BF138950.D							
n-Nitrosodimethylamine	50		26.5	ug/L	53				10	130	
Pyridine	50		13	ug/L	26				10	109	
Benzaldehyde	50		0	ug/L	0	*			10	137	
Aniline	50		26.8	ug/L	54				10	130	
Phenol	50		24.8	ug/L	50				10	130	
bis(2-Chloroethyl)ether	50		60.1	ug/L	120				29	141	
2-Chlorophenol	50		55.4	ug/L	111				23	127	
1,2-Dichlorobenzene	50		52.6	ug/L	105				61	114	
1,3-Dichlorobenzene	50		48.2	ug/L	96				65	106	
1,4-Dichlorobenzene	50		50.4	ug/L	101				55	125	
Benzyl Alcohol	50		42.2	ug/L	84				31	94	
2-Methylphenol	50		50.7	ug/L	101				37	126	
2,2-oxybis(1-Chloropropane)	50		58.6	ug/L	117				36	141	
Acetophenone	50		61.6	ug/L	123				31	164	
3+4-Methylphenols	50		49	ug/L	98				31	127	
N-Nitroso-di-n-propylamine	50		69.5	ug/L	139				36	147	
Hexachloroethane	50		47.7	ug/L	95				49	110	
Nitrobenzene	50		60.7	ug/L	121	*			62	112	
Isophorone	50		66.2	ug/L	132				39	146	
2-Nitrophenol	50		64	ug/L	128				30	148	
2,4-Dimethylphenol	50		66.4	ug/L	133				17	143	
bis(2-Chloroethoxy)methane	50		63.5	ug/L	127				39	143	
2,4-Dichlorophenol	50		63.3	ug/L	127				22	146	
1,2,4-Trichlorobenzene	50		56.9	ug/L	114	*			66	110	
Benzoic acid	50		8.6	ug/L	17				10	101	
Naphthalene	50		59.4	ug/L	119				17	157	
4-Chloroaniline	50		20.5	ug/L	41				10	95	
Hexachlorobutadiene	50		54.6	ug/L	109				52	125	
Caprolactam	50		8.8	ug/L	18				10	130	
4-Chloro-3-methylphenol	50		65.7	ug/L	131				17	148	
2-Methylnaphthalene	50		64.5	ug/L	129				38	146	
Hexachlorocyclopentadiene	100		140	ug/L	140				20	153	
2,4,6-Trichlorophenol	50		59.2	ug/L	118	*			78	112	
2,4,5-Trichlorophenol	50		57.6	ug/L	115	*			71	111	
1,1-Biphenyl	50		58.2	ug/L	116				38	154	
2-Chloronaphthalene	50		60.5	ug/L	121				41	145	
2-Nitroaniline	50		67.2	ug/L	134				39	151	
Dimethylphthalate	50	3.4	73.6	ug/L	140				42	147	
Acenaphthylene	50		67.7	ug/L	135				40	141	
2,6-Dinitrotoluene	50		64.3	ug/L	129				43	148	
3-Nitroaniline	50		32.3	ug/L	65				10	111	
Acenaphthene	50		62.2	ug/L	124				37	146	
Total PAH	800		1045.1	ug/L	131				37	146	
2,4-Dinitrophenol	100		120	ug/L	120				14	167	
4-Nitrophenol	100		19.7	ug/L	20				10	130	
Dibenzofuran	50		64.9	ug/L	130				41	145	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	100		132.8	ug/L	133				50	142	
2,4-Dinitrotoluene	50		68.5	ug/L	137				50	142	
Diethylphthalate	50		71.2	ug/L	142				41	148	
4-Chlorophenyl-phenylether	50		67.6	ug/L	135				38	149	
Fluorene	50		66.7	ug/L	133				39	144	
4-Nitroaniline	50		57.8	ug/L	116				27	138	
4,6-Dinitro-2-methylphenol	50		65.2	ug/L	130				32	175	
N-Nitrosodiphenylamine	50		68.1	ug/L	136				40	150	
Azobenzene	50		67.4	ug/L	135	*			72	112	
4-Bromophenyl-phenylether	50		66.2	ug/L	132				42	151	
Hexachlorobenzene	50		65.8	ug/L	132	*			72	115	
Atrazine	50		76	ug/L	152				20	162	
Pentachlorophenol	100		95.4	ug/L	95				25	139	
Phenanthrene	50		67.6	ug/L	135				40	147	
Anthracene	50		69.9	ug/L	140				41	146	
Carbazole	50		65.1	ug/L	130				37	154	
Di-n-butylphthalate	50		77.6	ug/L	155	*			40	151	
Fluoranthene	50		64.9	ug/L	130				42	146	
Benzydine	100		4.4	ug/L	4	*			10	130	
Pyrene	50		67.6	ug/L	135				41	149	
Butylbenzylphthalate	50		76.4	ug/L	153				39	155	
3,3-Dichlorobenzidine	50		50.4	ug/L	101				10	114	
Benzo(a)anthracene	50		66.2	ug/L	132				41	147	
Chrysene	50		67.8	ug/L	136				44	144	
bis(2-Ethylhexyl)phthalate	50		68.3	ug/L	137				33	160	
Di-n-octyl phthalate	50		60.5	ug/L	121				36	158	
Benzo(b)fluoranthene	50		62.5	ug/L	125				40	150	
Benzo(k)fluoranthene	50		73.2	ug/L	146				40	147	
Benzo(a)pyrene	50		69.6	ug/L	139				42	147	
Indeno(1,2,3-cd)pyrene	50		62.3	ug/L	125				30	166	
Dibenz(a,h)anthracene	50		62	ug/L	124				23	172	
Benzo(g,h,i)perylene	50		55.5	ug/L	111				27	167	
1,2,4,5-Tetrachlorobenzene	50		57.6	ug/L	115	*			89	102	
1,4-Dioxane	50		18.3	ug/L	37	*			38	130	
2,3,4,6-Tetrachlorophenol	50		62	ug/L	124	*			91	111	
1-Methylnaphthalene	50		61.1	ug/L	122				25	151	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P3478-03MSD		Client Sample ID: TS04MSD					DataFile: BF138951.D				
n-Nitrosodimethylamine	50		24.3	ug/L	49		8		10	130	20
Pyridine	50		13.6	ug/L	27		4		10	109	20
Benzaldehyde	50		0	ug/L	0	*			10	137	20
Aniline	50		25.8	ug/L	52		4		10	130	20
Phenol	50		23.5	ug/L	47		6		10	130	20
bis(2-Chloroethyl)ether	50		54.8	ug/L	110		9		29	141	20
2-Chlorophenol	50		51	ug/L	102		8		23	127	20
1,2-Dichlorobenzene	50		47.2	ug/L	94		11		61	114	20
1,3-Dichlorobenzene	50		44.2	ug/L	88		9		65	106	20
1,4-Dichlorobenzene	50		46.5	ug/L	93		8		55	125	20
Benzyl Alcohol	50		39.3	ug/L	79		6		31	94	20
2-Methylphenol	50		48	ug/L	96		5		37	126	20
2,2-oxybis(1-Chloropropane)	50		54.4	ug/L	109		7		36	141	20
Acetophenone	50		55.6	ug/L	111		10		31	164	20
3+4-Methylphenols	50		45.6	ug/L	91		7		31	127	20
N-Nitroso-di-n-propylamine	50		64	ug/L	128		8		36	147	20
Hexachloroethane	50		45.3	ug/L	91		4		49	110	20
Nitrobenzene	50		56.4	ug/L	113	*	7		62	112	20
Isophorone	50		60.7	ug/L	121		9		39	146	20
2-Nitrophenol	50		58.3	ug/L	117		9		30	148	20
2,4-Dimethylphenol	50		61.5	ug/L	123		8		17	143	20
bis(2-Chloroethoxy)methane	50		57.7	ug/L	115		10		39	143	20
2,4-Dichlorophenol	50		57.7	ug/L	115		10		22	146	20
1,2,4-Trichlorobenzene	50		52.4	ug/L	105		8		66	110	20
Benzoic acid	50		9.3	ug/L	19		11		10	101	20
Naphthalene	50		54.7	ug/L	109		9		17	157	20
4-Chloroaniline	50		19	ug/L	38		8		10	95	20
Hexachlorobutadiene	50		49.2	ug/L	98		11		52	125	20
Caprolactam	50		8.5	ug/L	17		6		10	130	20
4-Chloro-3-methylphenol	50		60.7	ug/L	121		8		17	148	20
2-Methylnaphthalene	50		59.7	ug/L	119		8		38	146	20
Hexachlorocyclopentadiene	100		130	ug/L	130		7		20	153	20
2,4,6-Trichlorophenol	50		54.5	ug/L	109		8		78	112	20
2,4,5-Trichlorophenol	50		53.7	ug/L	107		7		71	111	20
1,1-Biphenyl	50		53	ug/L	106		9		38	154	20
2-Chloronaphthalene	50		55.5	ug/L	111		9		41	145	20
2-Nitroaniline	50		61.5	ug/L	123		9		39	151	20
Dimethylphthalate	50	3.4	67.3	ug/L	128		9		42	147	20
Acenaphthylene	50		62.7	ug/L	125		8		40	141	20
2,6-Dinitrotoluene	50		60.1	ug/L	120		7		43	148	20
3-Nitroaniline	50		28.6	ug/L	57		13		10	111	20
Acenaphthene	50		57.1	ug/L	114		8		37	146	20
Total PAH	800		953.8	ug/L	119		10		37	146	20
2,4-Dinitrophenol	100		120	ug/L	120		0		14	167	20
4-Nitrophenol	100		18	ug/L	18		11		10	130	20
Dibenzofuran	50		60.2	ug/L	120		8		41	145	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF081224

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	100		124.5	ug/L	125		6		50	142	20
2,4-Dinitrotoluene	50		64.4	ug/L	129		6		50	142	20
Diethylphthalate	50		66.1	ug/L	132		7		41	148	20
4-Chlorophenyl-phenylether	50		61.3	ug/L	123		9		38	149	20
Fluorene	50		61.8	ug/L	124		7		39	144	20
4-Nitroaniline	50		53.3	ug/L	107		8		27	138	20
4,6-Dinitro-2-methylphenol	50		61.5	ug/L	123		6		32	175	20
N-Nitrosodiphenylamine	50		62.1	ug/L	124		9		40	150	20
Azobenzene	50		62.6	ug/L	125	*	8		72	112	20
4-Bromophenyl-phenylether	50		59.6	ug/L	119		10		42	151	20
Hexachlorobenzene	50		58.4	ug/L	117	*	12		72	115	20
Atrazine	50		69.1	ug/L	138		10		20	162	20
Pentachlorophenol	100		83.5	ug/L	84		12		25	139	20
Phenanthrene	50		61	ug/L	122		10		40	147	20
Anthracene	50		63.1	ug/L	126		11		41	146	20
Carbazole	50		58.9	ug/L	118		10		37	154	20
Di-n-butylphthalate	50		70.7	ug/L	141		9		40	151	20
Fluoranthene	50		58.3	ug/L	117		11		42	146	20
Benzidine	100		5.6	ug/L	6	*	40	*	10	130	20
Pyrene	50		60.6	ug/L	121		11		41	149	20
Butylbenzylphthalate	50		68.4	ug/L	137		11		39	155	20
3,3-Dichlorobenzidine	50		44.6	ug/L	89		13		10	114	20
Benzo(a)anthracene	50		60	ug/L	120		10		41	147	20
Chrysene	50		61.2	ug/L	122		11		44	144	20
bis(2-Ethylhexyl)phthalate	50		61.8	ug/L	124		10		33	160	20
Di-n-octyl phthalate	50		53.4	ug/L	107		12		36	158	20
Benzo(b)fluoranthene	50		57.2	ug/L	114		9		40	150	20
Benzo(k)fluoranthene	50		67.9	ug/L	136		7		40	147	20
Benzo(a)pyrene	50		64	ug/L	128		8		42	147	20
Indeno(1,2,3-cd)pyrene	50		57.7	ug/L	115		8		30	166	20
Dibenz(a,h)anthracene	50		56.3	ug/L	113		9		23	172	20
Benzo(g,h,i)perylene	50		50.2	ug/L	100		10		27	167	20
1,2,4,5-Tetrachlorobenzene	50		52.9	ug/L	106	*	8		89	102	20
1,4-Dioxane	50		16.7	ug/L	33	*	11		38	130	20
2,3,4,6-Tetrachlorophenol	50		59.2	ug/L	118	*	5		91	111	20
1-Methylnaphthalene	50		56	ug/L	112		9		25	151	20

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3394-02MS	B-105-SB02MS	BF138937.D	2-Fluorophenol	150	107.33	72		18	112
			Phenol-d6	150	104.02	69		15	107
			Nitrobenzene-d5	100	81.33	81		18	107
			2-Fluorobiphenyl	100	90.57	91		20	109
			2,4,6-Tribromophenol	150	104.36	70		10	116
			Terphenyl-d14	100	68.92	69		10	105
P3394-02MSD	B-105-SB02MSD	BF138938.D	2-Fluorophenol	150	105.93	71		18	112
			Phenol-d6	150	104.46	70		15	107
			Nitrobenzene-d5	100	76.74	77		18	107
			2-Fluorobiphenyl	100	85.44	85		20	109
			2,4,6-Tribromophenol	150	96.98	65		10	116
			Terphenyl-d14	100	73.14	73		10	105
P3394-02RE	B-105-SB02RE	BF138936.D	2-Fluorophenol	150	116.67	78		18	112
			Phenol-d6	150	112.59	75		15	107
			Nitrobenzene-d5	100	84.67	85		18	107
			2-Fluorobiphenyl	100	94.37	94		20	109
			2,4,6-Tribromophenol	150	99.43	66		10	116
			Terphenyl-d14	100	69.17	69		10	105

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162487BL	PB162487BL	BF138925.D	2-Fluorophenol	150	154.30	103		18	112
			Phenol-d6	150	149.97	100		15	107
			Nitrobenzene-d5	100	103.08	103		18	107
			2-Fluorobiphenyl	100	103.14	103		20	109
			2,4,6-Tribromophenol	150	158.49	106		10	116
			Terphenyl-d14	100	129.41	129	*	10	105
PB162487BS	PB162487BS	BF138926.D	2-Fluorophenol	150	129.78	87		18	112
			Phenol-d6	150	125.99	84		15	107
			Nitrobenzene-d5	100	86.65	87		18	107
			2-Fluorobiphenyl	100	86.27	86		20	109
			2,4,6-Tribromophenol	150	132.18	88		10	116
			Terphenyl-d14	100	103.45	103		10	105

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3474-04	WC-B1-COMP	BF138962.D	2-Fluorophenol	150	60.91	41		18	112
			Phenol-d6	150	62.33	42		15	107
			Nitrobenzene-d5	100	39.66	40		18	107
			2-Fluorobiphenyl	100	39.42	39		20	109
			2,4,6-Tribromophenol	150	61.75	41		10	116
			Terphenyl-d14	100	51.61	52		10	105
P3474-07	WC-A2-COMP	BF138963.D	2-Fluorophenol	150	71.89	48		18	112
			Phenol-d6	150	73.02	49		15	107
			Nitrobenzene-d5	100	47.10	47		18	107
			2-Fluorobiphenyl	100	44.04	44		20	109
			2,4,6-Tribromophenol	150	70.27	47		10	116
			Terphenyl-d14	100	54.54	55		10	105

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3520-01	OU4-CF-08-080624BF138932.D		2-Fluorophenol	150	84.93	57		18	112
			Phenol-d6	150	84.57	56		15	107
			Nitrobenzene-d5	100	58.49	58		18	107
			2-Fluorobiphenyl	100	58.19	58		20	109
			2,4,6-Tribromophenol	150	86.76	58		10	116
			Terphenyl-d14	100	77.99	78		10	105
P3520-03	OU4-CF-09-080624BF138931.D		2-Fluorophenol	150	67.53	45		18	112
			Phenol-d6	150	68.60	46		15	107
			Nitrobenzene-d5	100	45.80	46		18	107
			2-Fluorobiphenyl	100	44.40	44		20	109
			2,4,6-Tribromophenol	150	66.03	44		10	116
			Terphenyl-d14	100	56.81	57		10	105
P3520-05	OU4-CF-10-080624BF138929.D		2-Fluorophenol	150	57.70	38		18	112
			Phenol-d6	150	58.08	39		15	107
			Nitrobenzene-d5	100	41.17	41		18	107
			2-Fluorobiphenyl	100	40.36	40		20	109
			2,4,6-Tribromophenol	150	59.32	40		10	116
			Terphenyl-d14	100	52.29	52		10	105
P3520-07	OU4-CF-11-080624BF138930.D		2-Fluorophenol	150	69.83	47		18	112
			Phenol-d6	150	69.86	47		15	107
			Nitrobenzene-d5	100	47.92	48		18	107
			2-Fluorobiphenyl	100	50.93	51		20	109
			2,4,6-Tribromophenol	150	71.67	48		10	116
			Terphenyl-d14	100	59.55	60		10	105

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client:

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3512-01	927-KI-SD-0-0.5-08BF138933.D		2-Fluorophenol	150	52.84	35		18	112
			Phenol-d6	150	58.73	39		15	107
			Nitrobenzene-d5	100	34.44	34		18	107
			2-Fluorobiphenyl	100	29.42	29		20	109
			2,4,6-Tribromophenol	150	58.26	39		10	116
			Terphenyl-d14	100	27.90	28		10	105
P3512-02	931-KI-SD-0-0.5-08BF138934.D		2-Fluorophenol	150	63.76	43		18	112
			Phenol-d6	150	64.48	43		15	107
			Nitrobenzene-d5	100	44.86	45		18	107
			2-Fluorobiphenyl	100	40.35	40		20	109
			2,4,6-Tribromophenol	150	59.75	40		10	116
			Terphenyl-d14	100	44.77	45		10	105
P3512-03	931-KI-SD-0-0.5-08BF138935.D		2-Fluorophenol	150	87.30	58		18	112
			Phenol-d6	150	85.39	57		15	107
			Nitrobenzene-d5	100	58.08	58		18	107
			2-Fluorobiphenyl	100	57.25	57		20	109
			2,4,6-Tribromophenol	150	81.38	54		10	116
			Terphenyl-d14	100	60.47	60		10	105
PB162605BL	PB162605BL	BF138927.D	2-Fluorophenol	150	153.31	102		18	112
			Phenol-d6	150	149.71	100		15	107
			Nitrobenzene-d5	100	101.19	101		18	107
			2-Fluorobiphenyl	100	101.16	101		20	109
			2,4,6-Tribromophenol	150	152.62	102		10	116
			Terphenyl-d14	100	126.59	127	*	10	105
PB162605BS	PB162605BS	BF138928.D	2-Fluorophenol	150	128.90	86		18	112
			Phenol-d6	150	125.85	84		15	107
			Nitrobenzene-d5	100	87.23	87		18	107
			2-Fluorobiphenyl	100	86.07	86		20	109
			2,4,6-Tribromophenol	150	136.27	91		10	116
			Terphenyl-d14	100	115.07	115	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3478-01	TS04	BF138949.D	2-Fluorophenol	150	83.00	55		10	139
			Phenol-d6	150	52.82	35		10	134
			Nitrobenzene-d5	100	106.57	107		49	133
			2-Fluorobiphenyl	100	105.43	105		52	132
			2,4,6-Tribromophenol	150	170.77	114		44	137
			Terphenyl-d14	100	125.43	125		48	125
P3478-02MS	TS04MS	BF138950.D	2-Fluorophenol	150	77.25	52		10	139
			Phenol-d6	150	63.64	42		10	134
			Nitrobenzene-d5	100	120.12	120		49	133
			2-Fluorobiphenyl	100	114.70	115		52	132
			2,4,6-Tribromophenol	150	180.73	120		44	137
			Terphenyl-d14	100	145.71	146	*	48	125
P3478-03MSD	TS04MSD	BF138951.D	2-Fluorophenol	150	70.63	47		10	139
			Phenol-d6	150	59.24	39		10	134
			Nitrobenzene-d5	100	108.72	109		49	133
			2-Fluorobiphenyl	100	104.97	105		52	132
			2,4,6-Tribromophenol	150	167.35	112		44	137
			Terphenyl-d14	100	129.74	130	*	48	125
P3478-05	TS05	BF138959.D	2-Fluorophenol	150	92.00	61		10	139
			Phenol-d6	150	59.83	40		10	134
			Nitrobenzene-d5	100	114.27	114		49	133
			2-Fluorobiphenyl	100	112.56	113		52	132
			2,4,6-Tribromophenol	150	185.49	124		44	137
			Terphenyl-d14	100	134.37	134	*	48	125
P3478-07	TS06	BF138960.D	2-Fluorophenol	150	79.94	53		10	139
			Phenol-d6	150	49.47	33		10	134
			Nitrobenzene-d5	100	114.84	115		49	133
			2-Fluorobiphenyl	100	111.36	111		52	132
			2,4,6-Tribromophenol	150	186.09	124		44	137
			Terphenyl-d14	100	141.90	142	*	48	125
P3478-09	TS07	BF138961.D	2-Fluorophenol	150	47.11	31		10	139
			Phenol-d6	150	11.21	7	*	10	134
			Nitrobenzene-d5	100	100.87	101		49	133
			2-Fluorobiphenyl	100	95.74	96		52	132
			2,4,6-Tribromophenol	150	61.37	41	*	44	137
			Terphenyl-d14	100	123.70	124		48	125

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3506-02	RT4534	BF138943.D	2-Fluorophenol	150	170.31	114		10	139
			Phenol-d6	150	163.25	109		10	134
			Nitrobenzene-d5	100	115.99	116		49	133
			2-Fluorobiphenyl	100	114.80	115		52	132
			2,4,6-Tribromophenol	150	207.49	138	*	44	137
			Terphenyl-d14	100	137.28	137	*	48	125
P3506-02MS	RT4534MS	BF138944.D	2-Fluorophenol	150	173.90	116		10	139
			Phenol-d6	150	169.59	113		10	134
			Nitrobenzene-d5	100	115.56	116		49	133
			2-Fluorobiphenyl	100	115.79	116		52	132
			2,4,6-Tribromophenol	150	191.97	128		44	137
			Terphenyl-d14	100	150.79	151	*	48	125
P3506-02MSD	RT4534MSD	BF138945.D	2-Fluorophenol	150	170.94	114		10	139
			Phenol-d6	150	166.64	111		10	134
			Nitrobenzene-d5	100	117.17	117		49	133
			2-Fluorobiphenyl	100	112.02	112		52	132
			2,4,6-Tribromophenol	150	188.28	126		44	137
			Terphenyl-d14	100	142.54	143	*	48	125
P3530-01	WC-S-04-202408	BF138946.D	2-Fluorophenol	150	167.73	112		10	139
			Phenol-d6	150	157.17	105		10	134
			Nitrobenzene-d5	100	116.56	117		49	133
			2-Fluorobiphenyl	100	113.77	114		52	132
			2,4,6-Tribromophenol	150	212.21	141	*	44	137
			Terphenyl-d14	100	142.99	143	*	48	125
P3530-02	WC-A-04-202408	BF138947.D	2-Fluorophenol	150	139.29	93		10	139
			Phenol-d6	150	126.28	84		10	134
			Nitrobenzene-d5	100	104.49	104		49	133
			2-Fluorobiphenyl	100	102.22	102		52	132
			2,4,6-Tribromophenol	150	179.31	120		44	137
			Terphenyl-d14	100	132.27	132	*	48	125
P3530-03	WC-A-05-202408	BF138948.D	2-Fluorophenol	150	161.49	108		10	139
			Phenol-d6	150	150.67	100		10	134
			Nitrobenzene-d5	100	117.30	117		49	133
			2-Fluorobiphenyl	100	118.14	118		52	132
			2,4,6-Tribromophenol	150	200.62	134		44	137
			Terphenyl-d14	100	143.45	143	*	48	125
PB162639BL	PB162639BL	BF138942.D	2-Fluorophenol	150	172.42	115		10	139
			Phenol-d6	150	170.23	113		10	134
			Nitrobenzene-d5	100	112.41	112		49	133
			2-Fluorobiphenyl	100	112.65	113		52	132
			2,4,6-Tribromophenol	150	185.17	123		44	137
			Terphenyl-d14	100	132.60	133	*	48	125

Surrogate Summary

SW-846

SDG No.: **BF081224**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3543-02	ARS20-0019	BF138952.D	2-Fluorophenol	150	157.65	105		10	139
			Phenol-d6	150	152.50	102		10	134
			Nitrobenzene-d5	100	105.83	106		49	133
			2-Fluorobiphenyl	100	103.94	104		52	132
			2,4,6-Tribromophenol	150	183.11	122		44	137
			Terphenyl-d14	100	131.24	131	*	48	125
P3543-02MS	ARS20-0019MS	BF138953.D	2-Fluorophenol	150	170.28	114		10	139
			Phenol-d6	150	167.64	112		10	134
			Nitrobenzene-d5	100	114.66	115		49	133
			2-Fluorobiphenyl	100	114.95	115		52	132
			2,4,6-Tribromophenol	150	183.78	123		44	137
			Terphenyl-d14	100	142.48	142	*	48	125
P3543-02MSD	ARS20-0019MSD	BF138954.D	2-Fluorophenol	150	157.44	105		10	139
			Phenol-d6	150	152.20	101		10	134
			Nitrobenzene-d5	100	105.47	105		49	133
			2-Fluorobiphenyl	100	104.14	104		52	132
			2,4,6-Tribromophenol	150	173.42	116		44	137
			Terphenyl-d14	100	132.66	133	*	48	125
P3548-05	RBR200036	BF138955.D	2-Fluorophenol	150	172.17	115		10	139
			Phenol-d6	150	164.35	110		10	134
			Nitrobenzene-d5	100	115.80	116		49	133
			2-Fluorobiphenyl	100	112.85	113		52	132
			2,4,6-Tribromophenol	150	201.24	134		44	137
			Terphenyl-d14	100	148.10	148	*	48	125
P3548-08	343	BF138956.D	2-Fluorophenol	150	148.33	99		10	139
			Phenol-d6	150	139.04	93		10	134
			Nitrobenzene-d5	100	103.84	104		49	133
			2-Fluorobiphenyl	100	99.95	100		52	132
			2,4,6-Tribromophenol	150	179.25	120		44	137
			Terphenyl-d14	100	131.14	131	*	48	125
P3548-11	289	BF138957.D	2-Fluorophenol	150	173.91	116		10	139
			Phenol-d6	150	164.86	110		10	134
			Nitrobenzene-d5	100	117.18	117		49	133
			2-Fluorobiphenyl	100	117.33	117		52	132
			2,4,6-Tribromophenol	150	206.25	138	*	44	137
			Terphenyl-d14	100	153.17	153	*	48	125
P3548-14	IN-SITU-SOIL	BF138958.D	2-Fluorophenol	150	167.49	112		10	139
			Phenol-d6	150	160.04	107		10	134
			Nitrobenzene-d5	100	116.22	116		49	133
			2-Fluorobiphenyl	100	112.06	112		52	132
			2,4,6-Tribromophenol	150	202.85	135		44	137
			Terphenyl-d14	100	143.64	144	*	48	125

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081224

Lab Code: CHEM

SAS No.: BF081224

SDG NO.: BF081224

Lab File ID: BF138923.D

DFTPP Injection Date: 08/12/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	45.4
68	Less than 2.0% of mass 69	0.7 (1.8) 1
69	Mass 69 relative abundance	39
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	47.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	12.8
442	Greater than 50% of mass 198	81.4
443	15.0 - 24.0% of mass 442	15.3 (18.8) 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
SSTDCCC040	SSTDCCC040	BF138924.D	08/12/2024	10:08
PB162487BL	PB162487BL	BF138925.D	08/12/2024	10:38
PB162487BS	PB162487BS	BF138926.D	08/12/2024	11:08
PB162605BL	PB162605BL	BF138927.D	08/12/2024	11:37
PB162605BS	PB162605BS	BF138928.D	08/12/2024	12:07
OU4-CF-10-080624	P3520-05	BF138929.D	08/12/2024	12:41
OU4-CF-11-080624	P3520-07	BF138930.D	08/12/2024	13:12
OU4-CF-09-080624	P3520-03	BF138931.D	08/12/2024	13:43
OU4-CF-08-080624	P3520-01	BF138932.D	08/12/2024	14:13
927-KI-SD-0-0.5-080724	P3512-01	BF138933.D	08/12/2024	14:44
931-KI-SD-0-0.5-080724	P3512-02	BF138934.D	08/12/2024	15:15
931-KI-SD-0-0.5-080724-SD	P3512-03	BF138935.D	08/12/2024	15:46
B-105-SB02RE	P3394-02RE	BF138936.D	08/12/2024	16:16
B-105-SB02MS	P3394-02MS	BF138937.D	08/12/2024	16:46
B-105-SB02MSD	P3394-02MSD	BF138938.D	08/12/2024	17:16
SSTDCCC040EC	SSTDCCC040	BF138939.D	08/12/2024	17:55

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081224

Lab Code: CHEM

SAS No.: BF081224

SDG NO.: BF081224

Lab File ID: BF138940.D

DFTPP Injection Date: 08/12/2024

Instrument ID: BNA_F

DFTPP Injection Time: 18:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	40.1
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	86.3
443	15.0 - 24.0% of mass 442	15.7 (18.2) 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
SSTDCCC040	SSTDCCC040	BF138941.D	08/12/2024	18:57
PB162639BL	PB162639BL	BF138942.D	08/12/2024	19:28
RT4534	P3506-02	BF138943.D	08/12/2024	19:58
RT4534MS	P3506-02MS	BF138944.D	08/12/2024	20:28
RT4534MSD	P3506-02MSD	BF138945.D	08/12/2024	20:58
WC-S-04-202408	P3530-01	BF138946.D	08/12/2024	21:29
WC-A-04-202408	P3530-02	BF138947.D	08/12/2024	21:59
WC-A-05-202408	P3530-03	BF138948.D	08/12/2024	22:28
TS04	P3478-01	BF138949.D	08/12/2024	22:58
TS04MS	P3478-02MS	BF138950.D	08/12/2024	23:28
TS04MSD	P3478-03MSD	BF138951.D	08/12/2024	23:57
ARS20-0019	P3543-02	BF138952.D	08/13/2024	00:28
ARS20-0019MS	P3543-02MS	BF138953.D	08/13/2024	00:57
ARS20-0019MSD	P3543-02MSD	BF138954.D	08/13/2024	01:27
RBR200036	P3548-05	BF138955.D	08/13/2024	01:56
343	P3548-08	BF138956.D	08/13/2024	02:27
289	P3548-11	BF138957.D	08/13/2024	02:57
IN-SITU-SOIL	P3548-14	BF138958.D	08/13/2024	03:26

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF081224

Lab Code: CHEM

SAS No.: BF081224

SDG NO.: BF081224

Lab File ID: BF138940.D

DFTPP Injection Date: 08/12/2024

Instrument ID: BNA_F

DFTPP Injection Time: 18:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	47
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	40.1
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	26.2
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	13.4
442	Greater than 50% of mass 198	86.3
443	15.0 - 24.0% of mass 442	15.7 (18.2) 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
TS05	P3478-05	BF138959.D	08/13/2024	03:56
TS06	P3478-07	BF138960.D	08/13/2024	04:26
TS07	P3478-09	BF138961.D	08/13/2024	04:55
WC-B1-COMP	P3474-04	BF138962.D	08/13/2024	05:24
WC-A2-COMP	P3474-07	BF138963.D	08/13/2024	05:54