

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG No.: BF112024

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 09:31

Lab File ID: BF140488.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	0.649	0.626		-3.544	
Pyridine	1.283	1.267		-1.247	
2-Fluorophenol	1.171	1.183		1.025	
Benzaldehyde	0.951	1.434		50.789	
Aniline	1.381	1.294		-6.3	
Phenol-d6	1.587	1.579		-0.504	
Phenol	1.674	1.657		-1.016	20.0
bis(2-Chloroethyl) ether	1.268	1.277		0.71	
2-Chlorophenol	1.258	1.268		0.795	
1,2-Dichlorobenzene	1.307	1.326		1.454	
1,3-Dichlorobenzene	1.388	1.411		1.657	
1,4-Dichlorobenzene	1.408	1.432		1.705	20.0
Benzyl Alcohol	1.143	1.144		0.087	
2-Methylphenol	1.035	1.032		-0.29	
2,2-oxybis(1-Chloropropane)	1.752	1.634		-6.735	
Acetophenone	0.465	0.469		0.86	
3+4-Methylphenols	1.295	1.290		-0.386	
n-Nitroso-di-n-propylamine	0.959	0.916	0.050	-4.484	
Nitrobenzene-d5	0.384	0.392		2.083	
Hexachloroethane	0.520	0.535		2.885	
Nitrobenzene	0.400	0.409		2.25	
Isophorone	0.680	0.680		0.0	
2-Nitrophenol	0.177	0.189		6.78	20.0
2,4-Dimethylphenol	0.227	0.234		3.084	
bis(2-Chloroethoxy) methane	0.417	0.423		1.439	
2,4-Dichlorophenol	0.281	0.294		4.626	20.0
1,2,4-Trichlorobenzene	0.312	0.324		3.846	
Benzoic acid	0.200	0.213		6.5	
Naphthalene	1.015	1.040		2.463	
4-Chloroaniline	0.353	0.342		-3.116	
Hexachlorobutadiene	0.199	0.209		5.025	20.0
Caprolactam	0.093	0.096		3.226	
4-Chloro-3-methylphenol	0.311	0.322		3.537	20.0
2-Methylnaphthalene	0.651	0.663		1.843	
Hexachlorocyclopentadiene	0.142	0.127	0.050	-10.563	
2,4,6-Trichlorophenol	0.363	0.377		3.857	20.0
2-Fluorobiphenyl	1.244	1.282		3.055	
2,4,5-Trichlorophenol	0.397	0.418		5.29	
1,1-Biphenyl	1.455	1.501		3.162	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG No.: BF112024

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 09:31

Lab File ID: BF140488.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	1.108	1.144		3.249	
2-Nitroaniline	0.368	0.375		1.902	
Dimethylphthalate	1.304	1.342		2.914	
Acenaphthylene	1.677	1.721		2.624	
2,6-Dinitrotoluene	0.297	0.314		5.724	
3-Nitroaniline	0.312	0.318		1.923	
Acenaphthene	1.133	1.176		3.795	20.0
2,4-Dinitrophenol	0.153	0.154	0.050	0.654	
4-Nitrophenol	0.228	0.216	0.050	-5.263	
Dibenzofuran	1.603	1.638		2.183	
2,4-Dinitrotoluene	0.391	0.410		4.859	
Diethylphthalate	1.333	1.357		1.8	
4-Chlorophenyl-phenylether	0.625	0.650		4.0	
Fluorene	1.267	1.310		3.394	
4-Nitroaniline	0.319	0.317		-0.627	
4,6-Dinitro-2-methylphenol	0.108	0.121		12.037	
n-Nitrosodiphenylamine	0.578	0.600		3.806	20.0
Azobenzene	1.317	1.322		0.38	
2,4,6-Tribromophenol	0.199	0.210		5.528	
4-Bromophenyl-phenylether	0.200	0.207		3.5	
Hexachlorobenzene	0.225	0.237		5.333	
Atrazine	0.175	0.161		-8.0	
Pentachlorophenol	0.121	0.122		0.826	20.0
Phenanthrene	0.940	0.958		1.915	
Anthracene	0.921	0.940		2.063	
Carbazole	0.909	0.919		1.1	
Di-n-butylphthalate	1.091	1.108		1.558	
Fluoranthene	1.054	1.040		-1.328	20.0
Benzidine	0.768	0.576		-25.0	
Pyrene	1.711	1.993		16.482	
Terphenyl-d14	1.152	1.323		14.844	
Butylbenzylphthalate	0.657	0.733		11.568	
3,3-Dichlorobenzidine	0.418	0.425		1.675	
Benzo(a)anthracene	1.314	1.367		4.033	
Chrysene	1.199	1.229		2.502	
Bis(2-ethylhexyl)phthalate	0.877	0.895		2.052	
Di-n-octyl phthalate	1.235	1.193		-3.401	20.0
Benzo(b)fluoranthene	1.308	1.186		-9.327	
Benzo(k)fluoranthene	1.069	1.134		6.08	

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG No.: BF112024

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 09:31

Lab File ID: BF140488.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	1.016	1.047		3.051	20.0
Indeno(1,2,3-cd)pyrene	1.235	1.428		15.628	
Dibenzo(a,h)anthracene	1.021	1.170		14.594	
Benzo(g,h,i)perylene	1.044	1.208		15.709	
1,2,4,5-Tetrachlorobenzene	0.553	0.581		5.063	
1,4-Dioxane	0.522	0.523		0.192	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.321		2.556	
1-Methylnaphthalene	0.637	0.649		1.884	

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.: BF112024 SAS No.: BF112024 SDG No.: BF112024
Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 14:34
Lab File ID: BF140499.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	0.649	0.650		0.154	50.0
Pyridine	1.283	1.136		-11.458	50.0
2-Fluorophenol	1.171	1.177		0.512	50.0
Benzaldehyde	0.951	1.385		45.636	50.0
Aniline	1.381	0.760		-44.967	50.0
Phenol-d6	1.587	1.558		-1.827	50.0
Phenol	1.674	1.601		-4.361	50.0
bis(2-Chloroethyl) ether	1.268	1.301		2.603	50.0
2-Chlorophenol	1.258	1.255		-0.238	50.0
1,2-Dichlorobenzene	1.307	1.313		0.459	50.0
1,3-Dichlorobenzene	1.388	1.404		1.153	50.0
1,4-Dichlorobenzene	1.408	1.407		-0.071	50.0
Benzyl Alcohol	1.143	1.125		-1.575	50.0
2-Methylphenol	1.035	1.015		-1.932	50.0
2,2-oxybis(1-Chloropropane)	1.752	1.576		-10.046	50.0
Acetophenone	0.465	0.475		2.151	50.0
3+4-Methylphenols	1.295	1.265		-2.317	50.0
n-Nitroso-di-n-propylamine	0.959	0.897	0.050	-6.465	50.0
Nitrobenzene-d5	0.384	0.399		3.906	50.0
Hexachloroethane	0.520	0.523		0.577	50.0
Nitrobenzene	0.400	0.412		3.0	50.0
Isophorone	0.680	0.686		0.882	50.0
2-Nitrophenol	0.177	0.191		7.91	50.0
2,4-Dimethylphenol	0.227	0.237		4.405	50.0
bis(2-Chloroethoxy) methane	0.417	0.422		1.199	50.0
2,4-Dichlorophenol	0.281	0.298		6.05	50.0
1,2,4-Trichlorobenzene	0.312	0.326		4.487	50.0
Benzoic acid	0.200	0.215		7.5	50.0
Naphthalene	1.015	1.040		2.463	50.0
4-Chloroaniline	0.353	0.232		-34.278	50.0
Hexachlorobutadiene	0.199	0.208		4.523	50.0
Caprolactam	0.093	0.096		3.226	50.0
4-Chloro-3-methylphenol	0.311	0.321		3.215	50.0
2-Methylnaphthalene	0.651	0.658		1.075	50.0
Hexachlorocyclopentadiene	0.142	0.132	0.050	-7.042	50.0
2,4,6-Trichlorophenol	0.363	0.380		4.683	50.0
2-Fluorobiphenyl	1.244	1.256		0.965	50.0
2,4,5-Trichlorophenol	0.397	0.417		5.038	50.0
1,1-Biphenyl	1.455	1.469		0.962	50.0

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Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 14:34
Lab File ID: BF140499.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
2-Chloronaphthalene	1.108	1.126		1.625	50.0
2-Nitroaniline	0.368	0.373		1.359	50.0
Dimethylphthalate	1.304	1.328		1.84	50.0
Acenaphthylene	1.677	1.715		2.266	50.0
2,6-Dinitrotoluene	0.297	0.308		3.704	50.0
3-Nitroaniline	0.312	0.310		-0.641	50.0
Acenaphthene	1.133	1.182		4.325	50.0
2,4-Dinitrophenol	0.153	0.170	0.050	11.111	50.0
4-Nitrophenol	0.228	0.215	0.050	-5.702	50.0
Dibenzofuran	1.603	1.639		2.246	50.0
2,4-Dinitrotoluene	0.391	0.412		5.371	50.0
Diethylphthalate	1.333	1.338		0.375	50.0
4-Chlorophenyl-phenylether	0.625	0.636		1.76	50.0
Fluorene	1.267	1.285		1.421	50.0
4-Nitroaniline	0.319	0.311		-2.508	50.0
4,6-Dinitro-2-methylphenol	0.108	0.126		16.667	50.0
n-Nitrosodiphenylamine	0.578	0.597		3.287	50.0
Azobenzene	1.317	1.293		-1.822	50.0
2,4,6-Tribromophenol	0.199	0.208		4.523	50.0
4-Bromophenyl-phenylether	0.200	0.210		5.0	50.0
Hexachlorobenzene	0.225	0.235		4.444	50.0
Atrazine	0.175	0.154		-12.0	50.0
Pentachlorophenol	0.121	0.119		-1.653	50.0
Phenanthrene	0.940	0.960		2.128	50.0
Anthracene	0.921	0.945		2.606	50.0
Carbazole	0.909	0.928		2.09	50.0
Di-n-butylphthalate	1.091	1.108		1.558	50.0
Fluoranthene	1.054	1.050		-0.38	50.0
Benzidine	0.768	0.293		-61.849	50.0
Pyrene	1.711	1.890		10.462	50.0
Terphenyl-d14	1.152	1.256		9.028	50.0
Butylbenzylphthalate	0.657	0.713		8.524	50.0
3,3-Dichlorobenzidine	0.418	0.374		-10.526	50.0
Benzo(a)anthracene	1.314	1.385		5.403	50.0
Chrysene	1.199	1.203		0.334	50.0
Bis(2-ethylhexyl)phthalate	0.877	0.913		4.105	50.0
Di-n-octyl phthalate	1.235	1.267		2.591	50.0
Benzo(b)fluoranthene	1.308	1.245		-4.817	50.0
Benzo(k)fluoranthene	1.069	1.104		3.274	50.0

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Lab Name: CHEMTECH Contract: _____

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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	1.016	1.045		2.854	50.0
Indeno(1,2,3-cd)pyrene	1.235	1.280		3.644	50.0
Dibenzo(a,h)anthracene	1.021	1.063		4.114	50.0
Benzo(g,h,i)perylene	1.044	1.081		3.544	50.0
1,2,4,5-Tetrachlorobenzene	0.553	0.573		3.617	50.0
1,4-Dioxane	0.522	0.528		1.149	50.0
2,3,4,6-Tetrachlorophenol	0.313	0.324		3.514	50.0
1-Methylnaphthalene	0.637	0.640		0.471	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.: BF112024 SAS No.: BF112024 SDG No.: BF112024

Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 15:59

Lab File ID: BF140501.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	0.649	0.651		0.308	
Pyridine	1.283	1.236		-3.663	
2-Fluorophenol	1.171	1.206		2.989	
Benzaldehyde	0.951	1.414		48.686	
Aniline	1.381	1.094		-20.782	
Phenol-d6	1.587	1.601		0.882	
Phenol	1.674	1.671		-0.179	20.0
bis(2-Chloroethyl) ether	1.268	1.316		3.785	
2-Chlorophenol	1.258	1.293		2.782	
1,2-Dichlorobenzene	1.307	1.346		2.984	
1,3-Dichlorobenzene	1.388	1.439		3.674	
1,4-Dichlorobenzene	1.408	1.444		2.557	20.0
Benzyl Alcohol	1.143	1.152		0.787	
2-Methylphenol	1.035	1.046		1.063	
2,2-oxybis(1-Chloropropane)	1.752	1.618		-7.648	
Acetophenone	0.465	0.469		0.86	
3+4-Methylphenols	1.295	1.291		-0.309	
n-Nitroso-di-n-propylamine	0.959	0.908	0.050	-5.318	
Nitrobenzene-d5	0.384	0.393		2.344	
Hexachloroethane	0.520	0.541		4.038	
Nitrobenzene	0.400	0.413		3.25	
Isophorone	0.680	0.677		-0.441	
2-Nitrophenol	0.177	0.190		7.345	20.0
2,4-Dimethylphenol	0.227	0.234		3.084	
bis(2-Chloroethoxy) methane	0.417	0.417		0.0	
2,4-Dichlorophenol	0.281	0.294		4.626	20.0
1,2,4-Trichlorobenzene	0.312	0.323		3.526	
Benzoic acid	0.200	0.202		1.0	
Naphthalene	1.015	1.038		2.266	
4-Chloroaniline	0.353	0.305		-13.598	
Hexachlorobutadiene	0.199	0.207		4.02	20.0
Caprolactam	0.093	0.095		2.151	
4-Chloro-3-methylphenol	0.311	0.317		1.929	20.0
2-Methylnaphthalene	0.651	0.658		1.075	
Hexachlorocyclopentadiene	0.142	0.127	0.050	-10.563	
2,4,6-Trichlorophenol	0.363	0.378		4.132	20.0
2-Fluorobiphenyl	1.244	1.264		1.608	
2,4,5-Trichlorophenol	0.397	0.416		4.786	
1,1-Biphenyl	1.455	1.494		2.68	

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Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 15:59

Lab File ID: BF140501.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	1.108	1.143		3.159	
2-Nitroaniline	0.368	0.382		3.804	
Dimethylphthalate	1.304	1.338		2.607	
Acenaphthylene	1.677	1.745		4.055	
2,6-Dinitrotoluene	0.297	0.313		5.387	
3-Nitroaniline	0.312	0.313		0.321	
Acenaphthene	1.133	1.181		4.237	20.0
2,4-Dinitrophenol	0.153	0.153	0.050	0.0	
4-Nitrophenol	0.228	0.220	0.050	-3.509	
Dibenzofuran	1.603	1.635		1.996	
2,4-Dinitrotoluene	0.391	0.418		6.905	
Diethylphthalate	1.333	1.348		1.125	
4-Chlorophenyl-phenylether	0.625	0.637		1.92	
Fluorene	1.267	1.308		3.236	
4-Nitroaniline	0.319	0.312		-2.194	
4,6-Dinitro-2-methylphenol	0.108	0.122		12.963	
n-Nitrosodiphenylamine	0.578	0.589		1.903	20.0
Azobenzene	1.317	1.303		-1.063	
2,4,6-Tribromophenol	0.199	0.209		5.025	
4-Bromophenyl-phenylether	0.200	0.205		2.5	
Hexachlorobenzene	0.225	0.230		2.222	
Atrazine	0.175	0.150		-14.286	
Pentachlorophenol	0.121	0.121		0.0	20.0
Phenanthrene	0.940	0.938		-0.213	
Anthracene	0.921	0.933		1.303	
Carbazole	0.909	0.912		0.33	
Di-n-butylphthalate	1.091	1.080		-1.008	
Fluoranthene	1.054	1.030		-2.277	20.0
Benzidine	0.768	0.619		-19.401	
Pyrene	1.711	1.843		7.715	
Terphenyl-d14	1.152	1.233		7.031	
Butylbenzylphthalate	0.657	0.698		6.24	
3,3-Dichlorobenzidine	0.418	0.413		-1.196	
Benzo(a)anthracene	1.314	1.378		4.871	
Chrysene	1.199	1.184		-1.251	
Bis(2-ethylhexyl)phthalate	0.877	0.903		2.965	
Di-n-octyl phthalate	1.235	1.287		4.211	20.0
Benzo(b)fluoranthene	1.308	1.302		-0.459	
Benzo(k)fluoranthene	1.069	1.034		-3.274	

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Lab Name: CHEMTECH Contract: _____

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Instrument ID: BNA_F Calibration Date/Time: 11/20/2024 : 15:59

Lab File ID: BF140501.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	1.016	1.037		2.067	20.0
Indeno(1,2,3-cd)pyrene	1.235	1.266		2.51	
Dibenzo(a,h)anthracene	1.021	1.045		2.351	
Benzo(g,h,i)perylene	1.044	1.064		1.916	
1,2,4,5-Tetrachlorobenzene	0.553	0.576		4.159	
1,4-Dioxane	0.522	0.543		4.023	20.0
2,3,4,6-Tetrachlorophenol	0.313	0.330		5.431	
1-Methylnaphthalene	0.637	0.641		0.628	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BL	SDG No.:	BF112024
Lab Sample ID:	PB165039BL	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
BF140489.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BL	SDG No.:	BF112024
Lab Sample ID:	PB165039BL	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BF140489.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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
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:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BL	SDG No.:	BF112024
Lab Sample ID:	PB165039BL	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
BF140489.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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	125.166		10-139		83	SPK: -150
13127-88-3	Phenol-d6	120.192		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	86.795		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	90.246		52-132		90	SPK: -100

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BL	SDG No.:	BF112024
Lab Sample ID:	PB165039BL	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
BF140489.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	127.955		44-137		85	SPK: -150
1718-51-0	Terphenyl-d14	87.109		48-125		87	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125559	6.875				
1146-65-2	Naphthalene-d8	478277	8.151				
15067-26-2	Acenaphthene-d10	268353	9.91				
1517-22-2	Phenanthrene-d10	515282	11.398				
1719-03-5	Chrysene-d12	344131	14.063				
1520-96-3	Perylene-d12	286700	15.58				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	2.2	A			5.116	

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BS	SDG No.:	BF112024
Lab Sample ID:	PB165039BS	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
BF140490.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	42.2		1	8	10	ug/L
110-86-1	Pyridine	38.8		1.6	4	5	ug/L
100-52-7	Benzaldehyde	38.4		4	8	10	ug/L
62-53-3	Aniline	39.4		1.6	4	5	ug/L
108-95-2	Phenol	43.2		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.6		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	45.4		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.9		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	42.4		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.6		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		1.4	4	5	ug/L
98-86-2	Acetophenone	42.4		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.7		1	4	5	ug/L
98-95-3	Nitrobenzene	41.1		1.3	4	5	ug/L
78-59-1	Isophorone	43.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	44.7		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	54		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	42		5.5	8	10	ug/L
91-20-3	Naphthalene	42.9		1	4	5	ug/L
106-47-8	4-Chloroaniline	22.7		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BS	SDG No.:	BF112024
Lab Sample ID:	PB165039BS	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
BF140490.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	44.1		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.9		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.6		1	4	5	ug/L
92-52-4	1,1-Biphenyl	42.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	41.9		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	43.6		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	44.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.2		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.9		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28.7		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.2		0.81	4	5	ug/L
Total PAH	Total PAH	739.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	89.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	81.6	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.2		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	86		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	43.1		1.5	4	5	ug/L
84-66-2	Diethylphthalate	43.1		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.3		0.98	4	5	ug/L
86-73-7	Fluorene	43.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	41.9		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	44.9		0.89	4	5	ug/L
103-33-3	Azobenzene	42.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.1		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.2		1.1	4	5	ug/L
1912-24-9	Atrazine	49.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BS	SDG No.:	BF112024
Lab Sample ID:	PB165039BS	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
BF140490.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.3	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	44.5		0.89	4	5	ug/L
120-12-7	Anthracene	46.9		1.1	4	5	ug/L
86-74-8	Carbazole	43.6		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.3		1.5	4	5	ug/L
206-44-0	Fluoranthene	43.9		1.3	4	5	ug/L
92-87-5	Benzidine	23.7		4.1	8	10	ug/L
129-00-0	Pyrene	46.9		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	48.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	28.7		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.9		0.94	4	5	ug/L
218-01-9	Chrysene	43.9		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	44.6		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	42.6		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.8		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.5		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	46.4		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	37.4		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	45.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.6		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	121.101		10-139		81	SPK: -150
13127-88-3	Phenol-d6	117.158		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	83.104		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	84.477		52-132		84	SPK: -100

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BS	SDG No.:	BF112024
Lab Sample ID:	PB165039BS	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
BF140490.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	129.689		44-137		86	SPK: -150
1718-51-0	Terphenyl-d14	94.762		48-125		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123122	6.875				
1146-65-2	Naphthalene-d8	469130	8.157				
15067-26-2	Acenaphthene-d10	266786	9.91				
1517-22-2	Phenanthrene-d10	499057	11.404				
1719-03-5	Chrysene-d12	288313	14.057				
1520-96-3	Perylene-d12	231323	15.569				

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BSD	SDG No.:	BF112024
Lab Sample ID:	PB165039BSD	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
BF140491.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.3		1	8	10	ug/L
110-86-1	Pyridine	39.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	38.3		4	8	10	ug/L
62-53-3	Aniline	37.4		1.6	4	5	ug/L
108-95-2	Phenol	42.4		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.1		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	44.9		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	43.4		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.9		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.8		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	45		1.6	8	10	ug/L
95-48-7	2-Methylphenol	43.3		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		1.4	4	5	ug/L
98-86-2	Acetophenone	42.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	43.9		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.9		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.1		1	4	5	ug/L
98-95-3	Nitrobenzene	41.3		1.3	4	5	ug/L
78-59-1	Isophorone	43.3		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	44.9		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.1		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.6		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	44.8		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	41.3		1.1	4	5	ug/L
65-85-0	Benzoic acid	42.5		5.5	8	10	ug/L
91-20-3	Naphthalene	43		1	4	5	ug/L
106-47-8	4-Chloroaniline	20.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	41.8		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BSD	SDG No.:	BF112024
Lab Sample ID:	PB165039BSD	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
BF140491.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	43.2		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	43.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	44.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	42.9		1	4	5	ug/L
92-52-4	1,1-Biphenyl	43.3		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	42.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	44.7		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.1		0.93	4	5	ug/L
208-96-8	Acenaphthylene	46.8		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	28		1.4	4	5	ug/L
83-32-9	Acenaphthene	49.1		0.81	4	5	ug/L
Total PAH	Total PAH	737.5		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	90.3	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	83.4	E	2	8	10	ug/L
132-64-9	Dibenzofuran	44.5		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	88.1		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	44.7		1.5	4	5	ug/L
84-66-2	Diethylphthalate	44.2		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44		0.98	4	5	ug/L
86-73-7	Fluorene	44.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	43.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.9		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	45.6		0.89	4	5	ug/L
103-33-3	Azobenzene	44.2		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	44.6		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	44.2		1.1	4	5	ug/L
1912-24-9	Atrazine	50		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BSD	SDG No.:	BF112024
Lab Sample ID:	PB165039BSD	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
BF140491.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.5	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	45		0.89	4	5	ug/L
120-12-7	Anthracene	47.6		1.1	4	5	ug/L
86-74-8	Carbazole	44.4		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	44.4		1.5	4	5	ug/L
206-44-0	Fluoranthene	44.4		1.3	4	5	ug/L
92-87-5	Benzidine	25.3		4.1	8	10	ug/L
129-00-0	Pyrene	46.6		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	47.9		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	44.8		0.94	4	5	ug/L
218-01-9	Chrysene	45.5		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	45.1		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	42.5		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	46.4		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	48.7		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.1		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.7		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.4		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	37.8		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	47.2		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	41.3		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120.888		10-139		81	SPK: -150
13127-88-3	Phenol-d6	116.559		10-134		78	SPK: -150
4165-60-0	Nitrobenzene-d5	82.725		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	85.608		52-132		86	SPK: -100

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	PB165039BSD	SDG No.:	BF112024
Lab Sample ID:	PB165039BSD	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
BF140491.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	131.016		44-137		87	SPK: -150
1718-51-0	Terphenyl-d14	93.294		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121736	6.875				
1146-65-2	Naphthalene-d8	462447	8.151				
15067-26-2	Acenaphthene-d10	259407	9.91				
1517-22-2	Phenanthrene-d10	492347	11.404				
1719-03-5	Chrysene-d12	292939	14.057				
1520-96-3	Perylene-d12	237975	15.568				

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	SW-WTS-01	SDG No.:	BF112024
Lab Sample ID:	P4843-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF140492.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1	U	1	8.1	10.1	ug/L
110-86-1	Pyridine	1.6	U	1.6	4	5.1	ug/L
100-52-7	Benzaldehyde	4	U	4	8.1	10.1	ug/L
62-53-3	Aniline	1.6	U	1.6	4	5.1	ug/L
108-95-2	Phenol	0.94	U	0.94	4	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.89	U	0.89	4	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.81	U	0.81	4	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.85	U	0.85	4	5.1	ug/L
100-51-6	Benzyl Alcohol	3.4	J	1.6	8.1	10.1	ug/L
95-48-7	2-Methylphenol	1.1	U	1.1	4	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4	5.1	ug/L
98-86-2	Acetophenone	3.4	J	1.1	4	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.1	10.1	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	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.89	U	0.89	4	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4	5.1	ug/L
65-85-0	Benzoic acid	21.8		5.5	8.1	10.1	ug/L
91-20-3	Naphthalene	54.4		1	4	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	SW-WTS-01	SDG No.:	BF112024
Lab Sample ID:	P4843-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF140492.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	0.85	U	0.85	4	5.1	ug/L
91-57-6	2-Methylnaphthalene	10.9		1.1	4	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	0.9	U	0.9	4	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4	5.1	ug/L
92-52-4	1,1-Biphenyl	0.92	U	0.92	4	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.98	U	0.98	4	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
131-11-3	Dimethylphthalate	0.94	U	0.94	4	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4	5.1	ug/L
83-32-9	Acenaphthene	3.6	J	0.82	4	5.1	ug/L
Total PAH	Total PAH	63.9	J	17.61	4	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.5	U	6.5	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.1	10.1	ug/L
132-64-9	Dibenzofuran	0.94	U	0.94	4	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.8	U	2.8	4	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	4	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.99	U	0.99	4	5.1	ug/L
86-73-7	Fluorene	2.1	J	0.97	4	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.1	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	0.9	U	0.9	4	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	4	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	SW-WTS-01	SDG No.:	BF112024
Lab Sample ID:	P4843-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF140492.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	3.8	J	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	52.9		1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	11.7		0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	67.605		10-139		45	SPK: -150
13127-88-3	Phenol-d6	41.306		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	93.273		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	97.721		52-132		98	SPK: -100

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	SW-WTS-01	SDG No.:	BF112024
Lab Sample ID:	P4843-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF140492.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	135.348		44-137		90	SPK: -150
1718-51-0	Terphenyl-d14	93.373		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109415	6.875				
1146-65-2	Naphthalene-d8	404300	8.151				
15067-26-2	Acenaphthene-d10	209765	9.91				
1517-22-2	Phenanthrene-d10	331432	11.398				
1719-03-5	Chrysene-d12	183045	14.051				
1520-96-3	Perylene-d12	217669	15.556				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.134	
000526-73-8	Benzene, 1,2,3-trimethyl-	10.7	J			6.698	
	unknown6.934	9.7	J			6.934	
000112-05-0	Nonanoic acid	4.7	J			8.522	
020324-33-8	2-Propanol, 1-[2-(2-methoxy-1-meth	5.9	J			8.663	
020324-32-7	2-Propanol, 1-(2-methoxy-1-methyle	5	J			8.763	
1000262-26-6	Tri(1,2-propyleneglycol), monomethyl ether	5	J			8.786	
000334-48-5	n-Decanoic acid	13.5	J			9.08	
001721-93-3	Isoquinoline, 1-methyl-	4.2	J			9.127	
000621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	19.7	J			9.375	
	unknown9.610	21.9	J			9.61	
000121-32-4	Ethyl Vanillin	7.7	J			9.675	
000143-07-7	Dodecanoic acid	28.7	J			10.127	
006306-07-6	1-Acenaphthenol	3.5	J			10.822	
000544-63-8	Tetradecanoic acid	3.4	J			11.057	
000084-65-1	9,10-Anthracenedione	3	J			12.221	
000057-10-3	n-Hexadecanoic acid	3.1	J			12.327	
000057-11-4	Octadecanoic acid	410	J			12.733	
001740-19-8	Dehydroabietic acid	18.8	J			13.839	

Report of Analysis

Client:		Date Collected:	11/13/2024 12:00:00 AM
Project:		Date Received:	11/13/2024 12:00:00 AM
Client Sample ID:	SW-WTS-01	SDG No.:	BF112024
Lab Sample ID:	P4843-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	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
BF140492.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140493.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1.1	U	1.1	8.2	10.2	ug/L
110-86-1	Pyridine	1.6	U	1.6	4.1	5.1	ug/L
100-52-7	Benzaldehyde	4.1	U	4.1	8.2	10.2	ug/L
62-53-3	Aniline	1.6	U	1.6	4.1	5.1	ug/L
108-95-2	Phenol	0.95	U	0.95	4.1	5.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.2	U	1.2	4.1	5.1	ug/L
95-57-8	2-Chlorophenol	0.72	U	0.72	4.1	5.1	ug/L
95-50-1	1,2-Dichlorobenzene	0.9	U	0.9	4.1	5.1	ug/L
541-73-1	1,3-Dichlorobenzene	0.82	U	0.82	4.1	5.1	ug/L
106-46-7	1,4-Dichlorobenzene	0.86	U	0.86	4.1	5.1	ug/L
100-51-6	Benzyl Alcohol	1.6	U	1.6	8.2	10.2	ug/L
95-48-7	2-Methylphenol	1.2	U	1.2	4.1	5.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	4.1	5.1	ug/L
98-86-2	Acetophenone	1.1	U	1.1	4.1	5.1	ug/L
65794-96-9	3+4-Methylphenols	1.2	U	1.2	8.2	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	2.6	ug/L
67-72-1	Hexachloroethane	1	U	1	4.1	5.1	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	4.1	5.1	ug/L
78-59-1	Isophorone	1.2	U	1.2	4.1	5.1	ug/L
88-75-5	2-Nitrophenol	2	U	2	4.1	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.5	U	1.5	4.1	5.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1	U	1	4.1	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.9	U	0.9	4.1	5.1	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
65-85-0	Benzoic acid	5.6	U	5.6	8.2	10.2	ug/L
91-20-3	Naphthalene	1	U	1	4.1	5.1	ug/L
106-47-8	4-Chloroaniline	1.3	U	1.3	4.1	5.1	ug/L
87-68-3	Hexachlorobutadiene	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140493.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1.7	U	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	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
BF140493.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	9.8		1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	68.783		10-139		46	SPK: -150
13127-88-3	Phenol-d6	41.567		10-134		28	SPK: -150
4165-60-0	Nitrobenzene-d5	104.371		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	102.476		52-132		102	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP100-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 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
BF140493.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	160.115		44-137		107	SPK: -150
1718-51-0	Terphenyl-d14	102.64		48-125		103	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115090	6.875				
1146-65-2	Naphthalene-d8	438706	8.151				
15067-26-2	Acenaphthene-d10	246450	9.91				
1517-22-2	Phenanthrene-d10	461031	11.398				
1719-03-5	Chrysene-d12	281660	14.051				
1520-96-3	Perylene-d12	215486	15.556				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	110	J			2.14	
000079-01-6	Trichloroethylene	180	J			2.522	
000141-79-7	3-Penten-2-one, 4-methyl-	8	A			4.475	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	6.1	A			5.087	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-03	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
BF140494.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-03	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
BF140494.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-03	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
BF140494.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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	65.859		10-139		44	SPK: -150
13127-88-3	Phenol-d6	38.444		10-134		26	SPK: -150
4165-60-0	Nitrobenzene-d5	103.853		49-133		104	SPK: -100
321-60-8	2-Fluorobiphenyl	110.08		52-132		110	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114	SDG No.:	BF112024
Lab Sample ID:	P4868-03	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
BF140494.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	166.954		44-137		111	SPK: -150
1718-51-0	Terphenyl-d14	108.409		48-125		108	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111180	6.875				
1146-65-2	Naphthalene-d8	421980	8.151				
15067-26-2	Acenaphthene-d10	217249	9.904				
1517-22-2	Phenanthrene-d10	429469	11.398				
1719-03-5	Chrysene-d12	252845	14.051				
1520-96-3	Perylene-d12	112601	15.563				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	87	J			2.134	
000141-79-7	3-Penten-2-one, 4-methyl-	30.1	A			4.475	
000541-05-9	Cyclotrisiloxane, hexamethyl-	2	J			4.74	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.3	A			5.087	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOT	SDG No.:	BF112024
Lab Sample ID:	P4892-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

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	92.5	U	92.5	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	U	96	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	96.9	U	96.9	150	200	ug/Kg
95-57-8	2-Chlorophenol	96.7	U	96.7	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	98	U	98	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	99.6	U	99.6	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	100	U	100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	96.1	U	96.1	310	380	ug/Kg
95-48-7	2-Methylphenol	93.3	U	93.3	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	92.4	U	92.4	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	46.7	U	46.7	92.6	92.6	ug/Kg
67-72-1	Hexachloroethane	96.1	U	96.1	150	200	ug/Kg
98-95-3	Nitrobenzene	110	U	110	150	200	ug/Kg
78-59-1	Isophorone	98	U	98	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	99.4	U	99.4	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	87.4	U	87.4	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	98.9	U	98.9	150	200	ug/Kg
65-85-0	Benzoic acid	270	U	270	310	380	ug/Kg
91-20-3	Naphthalene	95.6	U	95.6	150	200	ug/Kg
106-47-8	4-Chloroaniline	95.6	U	95.6	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	96.5	U	96.5	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOT	SDG No.:	BF112024
Lab Sample ID:	P4892-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

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	89.7	U	89.7	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	95.5	U	95.5	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82.7	U	82.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	85.7	U	85.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	96.5	U	96.5	150	200	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	200	ug/Kg
131-11-3	Dimethylphthalate	94.6	U	94.6	150	200	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	96.3	U	96.3	150	200	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	150	200	ug/Kg
83-32-9	Acenaphthene	93.9	U	93.9	150	200	ug/Kg
Total PAH	Total PAH	1536.4	U	1536.4	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	97.7	U	97.7	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	96.1	U	196.1	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.8	U	99.8	150	200	ug/Kg
84-66-2	Diethylphthalate	92.8	U	92.8	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	99.1	U	99.1	150	200	ug/Kg
86-73-7	Fluorene	99	U	99	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	94.5	U	94.5	150	200	ug/Kg
103-33-3	Azobenzene	92.2	U	92.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	91.4	U	91.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	98.4	U	98.4	150	200	ug/Kg
1912-24-9	Atrazine	110	U	110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOT	SDG No.:	BF112024
Lab Sample ID:	P4892-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	89.5	U	89.5	310	380	ug/Kg
85-01-8	Phenanthrene	97.3	U	97.3	150	200	ug/Kg
120-12-7	Anthracene	97.7	U	97.7	150	200	ug/Kg
86-74-8	Carbazole	93	U	93	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	97.6	U	97.6	150	200	ug/Kg
206-44-0	Fluoranthene	94.6	U	94.6	150	200	ug/Kg
92-87-5	Benzidine	190	U	190	310	380	ug/Kg
129-00-0	Pyrene	96.1	U	96.1	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	93.4	U	93.4	150	200	ug/Kg
218-01-9	Chrysene	92.1	U	92.1	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	93.9	U	93.9	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	95.6	U	95.6	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	90.4	U	90.4	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	94	U	94	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.8	U	92.8	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	86.5	U	86.5	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	96.3	U	96.3	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	121.491		18-112		81	SPK: -150
13127-88-3	Phenol-d6	117.236		15-107		78	SPK: -150
4165-60-0	Nitrobenzene-d5	81.796		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	85.371		20-109		85	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOT	SDG No.:	BF112024
Lab Sample ID:	P4892-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140495.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	126.357		10-116		84	SPK: -150
1718-51-0	Terphenyl-d14	87.823		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111857	6.875				
1146-65-2	Naphthalene-d8	425828	8.151				
15067-26-2	Acenaphthene-d10	234373	9.91				
1517-22-2	Phenanthrene-d10	439035	11.398				
1719-03-5	Chrysene-d12	271644	14.045				
1520-96-3	Perylene-d12	222745	15.551				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1800	J			2.158	
001119-40-0	Pentanedioic acid, dimethyl ester	97.3	J			7.681	
000119-61-9	Benzophenone	250	J			10.622	
000057-10-3	n-Hexadecanoic acid	330	J			11.922	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMS	SDG No.:	BF112024
Lab Sample ID:	P4892-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1600		100	310	380	ug/Kg
110-86-1	Pyridine	1300		92.6	150	200	ug/Kg
100-52-7	Benzaldehyde	210	U	210	310	380	ug/Kg
62-53-3	Aniline	1500		110	150	200	ug/Kg
108-95-2	Phenol	1700		96.1	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1700		97	150	200	ug/Kg
95-57-8	2-Chlorophenol	1700		96.8	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		98	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1600		99.7	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1600		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	1700		96.2	310	380	ug/Kg
95-48-7	2-Methylphenol	1600		93.4	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1600		110	150	200	ug/Kg
98-86-2	Acetophenone	1600		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1600		92.5	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1600		46.7	92.7	92.7	ug/Kg
67-72-1	Hexachloroethane	1700		96.2	150	200	ug/Kg
98-95-3	Nitrobenzene	1600		110	150	200	ug/Kg
78-59-1	Isophorone	1700		98	150	200	ug/Kg
88-75-5	2-Nitrophenol	1700		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2000		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		99.4	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		87.5	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1600		99	150	200	ug/Kg
65-85-0	Benzoic acid	1500		270	310	380	ug/Kg
91-20-3	Naphthalene	1600		95.7	150	200	ug/Kg
106-47-8	4-Chloroaniline	650		95.7	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	1600		96.5	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMS	SDG No.:	BF112024
Lab Sample ID:	P4892-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1600		100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1700		89.8	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	1700		95.6	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6600	E	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1700		82.7	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		85.7	150	200	ug/Kg
92-52-4	1,1-Biphenyl	1700		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1700		96.5	150	200	ug/Kg
88-74-4	2-Nitroaniline	1700		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	1800		94.7	150	200	ug/Kg
208-96-8	Acenaphthylene	1800		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		96.4	150	200	ug/Kg
99-09-2	3-Nitroaniline	1100		100	150	200	ug/Kg
83-32-9	Acenaphthene	1900		94	150	200	ug/Kg
Total PAH	Total PAH	28800		1537.5	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	E	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	3100		130	310	380	ug/Kg
132-64-9	Dibenzofuran	1700		97.8	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3400		196.3	150	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		99.9	150	200	ug/Kg
84-66-2	Diethylphthalate	1700		92.8	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		99.2	150	200	ug/Kg
86-73-7	Fluorene	1700		99.1	150	200	ug/Kg
100-01-6	4-Nitroaniline	1600		120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		94.6	150	200	ug/Kg
103-33-3	Azobenzene	1800		92.2	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		91.4	150	200	ug/Kg
118-74-1	Hexachlorobenzene	1700		98.5	150	200	ug/Kg
1912-24-9	Atrazine	1900		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMS	SDG No.:	BF112024
Lab Sample ID:	P4892-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3100		89.6	310	380	ug/Kg
85-01-8	Phenanthrene	1700		97.3	150	200	ug/Kg
120-12-7	Anthracene	1800		97.8	150	200	ug/Kg
86-74-8	Carbazole	1600		93	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	1700		97.7	150	200	ug/Kg
206-44-0	Fluoranthene	1500		94.7	150	200	ug/Kg
92-87-5	Benzidine	370	J	190	310	380	ug/Kg
129-00-0	Pyrene	1900		96.2	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	1900		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	1800		93.5	150	200	ug/Kg
218-01-9	Chrysene	1800		92.1	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		94	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700		95.7	150	200	ug/Kg
50-32-8	Benzo(a)pyrene	1900		110	150	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		90.5	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		94.1	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		92.8	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1400		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		86.6	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1600		96.4	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.697		18-112		60	SPK: -150
13127-88-3	Phenol-d6	86.731		15-107		58	SPK: -150
4165-60-0	Nitrobenzene-d5	62.365		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	66.111		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMS	SDG No.:	BF112024
Lab Sample ID:	P4892-02MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140496.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.569		10-116		64	SPK: -150
1718-51-0	Terphenyl-d14	73.318		10-105		73	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124435	6.875				
1146-65-2	Naphthalene-d8	465260	8.157				
15067-26-2	Acenaphthene-d10	249636	9.91				
1517-22-2	Phenanthrene-d10	454496	11.398				
1719-03-5	Chrysene-d12	229017	14.057				
1520-96-3	Perylene-d12	239777	15.568				

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMSD	SDG No.:	BF112024
Lab Sample ID:	P4892-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1900		100	310	380	ug/Kg
110-86-1	Pyridine	1700		92.7	150	200	ug/Kg
100-52-7	Benzaldehyde	210	J	210	310	380	ug/Kg
62-53-3	Aniline	1800		110	150	200	ug/Kg
108-95-2	Phenol	1900		96.2	150	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		97.1	150	200	ug/Kg
95-57-8	2-Chlorophenol	2000		96.9	150	200	ug/Kg
95-50-1	1,2-Dichlorobenzene	1900		98.2	150	200	ug/Kg
541-73-1	1,3-Dichlorobenzene	1900		99.8	150	200	ug/Kg
106-46-7	1,4-Dichlorobenzene	1900		100	150	200	ug/Kg
100-51-6	Benzyl Alcohol	2000		96.3	310	380	ug/Kg
95-48-7	2-Methylphenol	1900		93.5	150	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900		110	150	200	ug/Kg
98-86-2	Acetophenone	1900		100	150	200	ug/Kg
65794-96-9	3+4-Methylphenols	1900		92.6	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		46.8	92.8	92.8	ug/Kg
67-72-1	Hexachloroethane	1900		96.3	150	200	ug/Kg
98-95-3	Nitrobenzene	1900		110	150	200	ug/Kg
78-59-1	Isophorone	2000		98.2	150	200	ug/Kg
88-75-5	2-Nitrophenol	2100		110	150	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		110	150	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		99.6	150	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		87.6	150	200	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1900		99.1	150	200	ug/Kg
65-85-0	Benzoic acid	1800		270	310	380	ug/Kg
91-20-3	Naphthalene	1900		95.8	150	200	ug/Kg
106-47-8	4-Chloroaniline	770		95.8	150	200	ug/Kg
87-68-3	Hexachlorobutadiene	1900		96.7	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMSD	SDG No.:	BF112024
Lab Sample ID:	P4892-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1900		100	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900		89.9	150	200	ug/Kg
91-57-6	2-Methylnaphthalene	1900		95.7	150	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	7800	E	180	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2000		82.8	150	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		85.9	150	200	ug/Kg
92-52-4	1,1-Biphenyl	1900		100	150	200	ug/Kg
91-58-7	2-Chloronaphthalene	1900		96.7	150	200	ug/Kg
88-74-4	2-Nitroaniline	2000		110	150	200	ug/Kg
131-11-3	Dimethylphthalate	2000		94.8	150	200	ug/Kg
208-96-8	Acenaphthylene	2100		100	150	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		96.5	150	200	ug/Kg
99-09-2	3-Nitroaniline	1300		100	150	200	ug/Kg
83-32-9	Acenaphthene	2200		94.1	150	200	ug/Kg
Total PAH	Total PAH	33200		1539	150	3200	ug/Kg
51-28-5	2,4-Dinitrophenol	3900	E	280	310	380	ug/Kg
100-02-7	4-Nitrophenol	3500	E	130	310	380	ug/Kg
132-64-9	Dibenzofuran	2000		97.9	150	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		100	150	200	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3800		196.5	150	400	ug/Kg
84-66-2	Diethylphthalate	2000		92.9	150	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		99.3	150	200	ug/Kg
86-73-7	Fluorene	1900		99.2	150	200	ug/Kg
100-01-6	4-Nitroaniline	1800		120	150	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		140	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		94.7	150	200	ug/Kg
103-33-3	Azobenzene	2100		92.4	150	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		91.5	150	200	ug/Kg
118-74-1	Hexachlorobenzene	2100		98.6	150	200	ug/Kg
1912-24-9	Atrazine	2200		110	150	200	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMSD	SDG No.:	BF112024
Lab Sample ID:	P4892-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3800	E	89.7	310	380	ug/Kg
85-01-8	Phenanthrene	2000		97.5	150	200	ug/Kg
120-12-7	Anthracene	2100		97.9	150	200	ug/Kg
86-74-8	Carbazole	1900		93.2	150	200	ug/Kg
84-74-2	Di-n-butylphthalate	2000		97.8	150	200	ug/Kg
206-44-0	Fluoranthene	1800		94.8	150	200	ug/Kg
92-87-5	Benzidine	730		190	310	380	ug/Kg
129-00-0	Pyrene	2200		96.3	150	200	ug/Kg
85-68-7	Butylbenzylphthalate	2200		110	150	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		110	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	2100		93.6	150	200	ug/Kg
218-01-9	Chrysene	2000		92.2	150	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2100		110	150	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2300		130	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		94.1	150	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800		95.8	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	2400		90.6	150	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2400		94.2	150	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2200		92.9	150	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2000		100	150	200	ug/Kg
123-91-1	1,4-Dioxane	1700		130	150	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		86.7	150	200	ug/Kg
90-12-0	1-Methylnaphthalene	1800		96.5	200	200	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	105.549		18-112		70	SPK: -150
13127-88-3	Phenol-d6	100.767		15-107		67	SPK: -150
4165-60-0	Nitrobenzene-d5	72.217		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	75.37		20-109		75	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-BOTMSD	SDG No.:	BF112024
Lab Sample ID:	P4892-02MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.9
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
BF140497.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	112.228		10-116		75	SPK: -150
1718-51-0	Terphenyl-d14	85.651		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115233	6.875				
1146-65-2	Naphthalene-d8	427479	8.157				
15067-26-2	Acenaphthene-d10	231375	9.91				
1517-22-2	Phenanthrene-d10	409075	11.398				
1719-03-5	Chrysene-d12	206876	14.045				
1520-96-3	Perylene-d12	225913	15.539				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114RE	SDG No.:	BF112024
Lab Sample ID:	P4868-03RE	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
BF140498.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114RE	SDG No.:	BF112024
Lab Sample ID:	P4868-03RE	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
BF140498.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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
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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114RE	SDG No.:	BF112024
Lab Sample ID:	P4868-03RE	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
BF140498.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

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	65.796		10-139		44	SPK: -150
13127-88-3	Phenol-d6	36.913		10-134		25	SPK: -150
4165-60-0	Nitrobenzene-d5	105.533		49-133		106	SPK: -100
321-60-8	2-Fluorobiphenyl	120.398		52-132		120	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RW5-SP303-20241114RE	SDG No.:	BF112024
Lab Sample ID:	P4868-03RE	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
BF140498.D	1	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165039

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	177.125		44-137		118	SPK: -150
1718-51-0	Terphenyl-d14	119.837		48-125		120	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107774	6.869				
1146-65-2	Naphthalene-d8	401651	8.151				
15067-26-2	Acenaphthene-d10	185909	9.904				
1517-22-2	Phenanthrene-d10	383896	11.398				
1719-03-5	Chrysene-d12	211068	14.039				
1520-96-3	Perylene-d12	81264	15.533				

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	PB165086BL	SDG No.:	BF112024
Lab Sample ID:	PB165086BL	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
BF140502.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	PB165086BL	SDG No.:	BF112024
Lab Sample ID:	PB165086BL	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
BF140502.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	PB165086BL	SDG No.:	BF112024
Lab Sample ID:	PB165086BL	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
BF140502.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

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	124.368		18-112		83	SPK: -150
13127-88-3	Phenol-d6	120.223		15-107		80	SPK: -150
4165-60-0	Nitrobenzene-d5	86.127		18-107		86	SPK: -100
321-60-8	2-Fluorobiphenyl	86.767		20-109		87	SPK: -100

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	PB165086BL	SDG No.:	BF112024
Lab Sample ID:	PB165086BL	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
BF140502.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	128.49		10-116		86	SPK: -150
1718-51-0	Terphenyl-d14	85.584		10-105		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127581	6.869				
1146-65-2	Naphthalene-d8	485914	8.151				
15067-26-2	Acenaphthene-d10	273616	9.904				
1517-22-2	Phenanthrene-d10	524410	11.398				
1719-03-5	Chrysene-d12	336229	14.045				
1520-96-3	Perylene-d12	269895	15.539				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF112024
Lab Sample ID:	P4849-02	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
BF140503.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165052

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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF112024
Lab Sample ID:	P4849-02	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
BF140503.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165052

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:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF112024
Lab Sample ID:	P4849-02	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
BF140503.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165052

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	141.008		10-139		94	SPK: -150
13127-88-3	Phenol-d6	130.922		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	100.164		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	105.668		52-132		106	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	RR-1	SDG No.:	BF112024
Lab Sample ID:	P4849-02	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
BF140503.D	1	11/18/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165052

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	150.463		44-137		100	SPK: -150
1718-51-0	Terphenyl-d14	96.226		48-125		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102192	6.875				
1146-65-2	Naphthalene-d8	367263	8.151				
15067-26-2	Acenaphthene-d10	188972	9.904				
1517-22-2	Phenanthrene-d10	319183	11.398				
1719-03-5	Chrysene-d12	213543	14.045				
1520-96-3	Perylene-d12	212385	15.539				

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-736	SDG No.:	BF112024
Lab Sample ID:	P4870-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	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
BF140504.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	53.9	U	53.9	87.7	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.7	110	ug/Kg
108-95-2	Phenol	55.9	U	55.9	87.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.7	110	ug/Kg
95-57-8	2-Chlorophenol	56.3	U	56.3	87.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58	U	58	87.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.7	110	ug/Kg
100-51-6	Benzyl Alcohol	56	U	56	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.3	U	61.3	87.7	110	ug/Kg
98-86-2	Acetophenone	58.6	U	58.6	87.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.8	U	53.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56	U	56	87.7	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.7	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.7	110	ug/Kg
88-75-5	2-Nitrophenol	63.7	U	63.7	87.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	50.9	U	50.9	87.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.6	U	57.6	87.7	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.7	U	55.7	87.7	110	ug/Kg
106-47-8	4-Chloroaniline	55.7	U	55.7	87.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.2	U	56.2	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-736	SDG No.:	BF112024
Lab Sample ID:	P4870-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	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
BF140504.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.7	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49.9	U	49.9	87.7	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.2	U	56.2	87.7	110	ug/Kg
88-74-4	2-Nitroaniline	64.1	U	64.1	87.7	110	ug/Kg
131-11-3	Dimethylphthalate	55.1	U	55.1	87.7	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.1	U	56.1	87.7	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.7	110	ug/Kg
83-32-9	Acenaphthene	54.7	U	54.7	87.7	110	ug/Kg
Total PAH	Total PAH	893.8	U	893.8	87.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.3	U	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	56.9	U	56.9	87.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.3	U	114.3	87.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.7	110	ug/Kg
84-66-2	Diethylphthalate	54	U	54	87.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.7	U	57.7	87.7	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.7	110	ug/Kg
100-01-6	4-Nitroaniline	72.2	U	72.2	87.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78.9	U	78.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55	U	55	87.7	110	ug/Kg
103-33-3	Azobenzene	53.7	U	53.7	87.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.2	U	53.2	87.7	110	ug/Kg
118-74-1	Hexachlorobenzene	57.3	U	57.3	87.7	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-736	SDG No.:	BF112024
Lab Sample ID:	P4870-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	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
BF140504.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.1	U	52.1	180	220	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	87.7	110	ug/Kg
120-12-7	Anthracene	56.9	U	56.9	87.7	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.7	110	ug/Kg
206-44-0	Fluoranthene	55.1	U	55.1	87.7	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56	U	56	87.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.3	U	65.3	87.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.5	U	66.5	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.4	U	54.4	87.7	110	ug/Kg
218-01-9	Chrysene	53.6	U	53.6	87.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.4	U	61.4	87.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.2	U	74.2	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.7	U	54.7	87.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.7	U	55.7	87.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.7	U	62.7	87.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	U	52.7	87.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	U	54	87.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.7	110	ug/Kg
123-91-1	1,4-Dioxane	74.2	U	74.2	87.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.4	U	50.4	87.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.1	U	56.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.318		18-112		64	SPK: -150
13127-88-3	Phenol-d6	91.056		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	65.526		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	66.69		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	MH-736	SDG No.:	BF112024
Lab Sample ID:	P4870-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.08	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
BF140504.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.131		10-116		63	SPK: -150
1718-51-0	Terphenyl-d14	61.038		10-105		61	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103352	6.875				
1146-65-2	Naphthalene-d8	381089	8.151				
15067-26-2	Acenaphthene-d10	197730	9.904				
1517-22-2	Phenanthrene-d10	340138	11.398				
1719-03-5	Chrysene-d12	211819	14.039				
1520-96-3	Perylene-d12	212921	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	760	J			2.146	
000119-61-9	Benzophenone	110	J			10.616	
000057-10-3	n-Hexadecanoic acid	89.9	J			11.922	

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112024
Lab Sample ID:	P4910-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.06	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
BF140505.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.2	U	59.2	180	230	ug/Kg
110-86-1	Pyridine	54.5	U	54.5	88.7	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	230	ug/Kg
62-53-3	Aniline	66.1	U	66.1	88.7	120	ug/Kg
108-95-2	Phenol	56.6	U	56.6	88.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.1	U	57.1	88.7	120	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	88.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.7	U	57.7	88.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.7	U	58.7	88.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59	U	59	88.7	120	ug/Kg
100-51-6	Benzyl Alcohol	56.7	U	56.7	180	230	ug/Kg
95-48-7	2-Methylphenol	55	U	55	88.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62	U	62	88.7	120	ug/Kg
98-86-2	Acetophenone	59.3	U	59.3	88.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.5	U	54.5	180	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.5	U	27.5	54.6	54.6	ug/Kg
67-72-1	Hexachloroethane	56.7	U	56.7	88.7	120	ug/Kg
98-95-3	Nitrobenzene	62	U	62	88.7	120	ug/Kg
78-59-1	Isophorone	57.7	U	57.7	88.7	120	ug/Kg
88-75-5	2-Nitrophenol	64.5	U	64.5	88.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.6	U	63.6	88.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.6	U	58.6	88.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.5	U	51.5	88.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.3	U	58.3	88.7	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	230	ug/Kg
91-20-3	Naphthalene	56.4	U	56.4	88.7	120	ug/Kg
106-47-8	4-Chloroaniline	56.4	U	56.4	88.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.9	U	56.9	88.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112024
Lab Sample ID:	P4910-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.06	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
BF140505.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.2	U	59.2	180	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.9	U	52.9	88.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.3	U	56.3	88.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.7	U	48.7	88.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.5	U	50.5	88.7	120	ug/Kg
92-52-4	1,1-Biphenyl	59.7	U	59.7	88.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.9	U	56.9	88.7	120	ug/Kg
88-74-4	2-Nitroaniline	64.8	U	64.8	88.7	120	ug/Kg
131-11-3	Dimethylphthalate	55.8	U	55.8	88.7	120	ug/Kg
208-96-8	Acenaphthylene	59	U	59	88.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.8	U	56.8	88.7	120	ug/Kg
99-09-2	3-Nitroaniline	60.9	U	60.9	88.7	120	ug/Kg
83-32-9	Acenaphthene	55.4	U	55.4	88.7	120	ug/Kg
Total PAH	Total PAH	904.7	U	904.7	88.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	230	ug/Kg
100-02-7	4-Nitrophenol	79.2	U	79.2	180	230	ug/Kg
132-64-9	Dibenzofuran	57.6	U	57.6	88.7	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.8	U	58.8	88.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	115.6	U	115.6	88.7	240	ug/Kg
84-66-2	Diethylphthalate	54.7	U	54.7	88.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.4	U	58.4	88.7	120	ug/Kg
86-73-7	Fluorene	58.4	U	58.4	88.7	120	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	88.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.9	U	79.9	180	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.7	U	55.7	88.7	120	ug/Kg
103-33-3	Azobenzene	54.3	U	54.3	88.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.9	U	53.9	88.7	120	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	88.7	120	ug/Kg
1912-24-9	Atrazine	62.4	U	62.4	88.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112024
Lab Sample ID:	P4910-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.06	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
BF140505.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.8	U	52.8	180	230	ug/Kg
85-01-8	Phenanthrene	57.3	U	57.3	88.7	120	ug/Kg
120-12-7	Anthracene	57.6	U	57.6	88.7	120	ug/Kg
86-74-8	Carbazole	54.8	U	54.8	88.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.5	U	57.5	88.7	120	ug/Kg
206-44-0	Fluoranthene	55.8	U	55.8	88.7	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	230	ug/Kg
129-00-0	Pyrene	56.7	U	56.7	88.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.1	U	66.1	88.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.3	U	67.3	180	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.1	U	55.1	88.7	120	ug/Kg
218-01-9	Chrysene	54.3	U	54.3	88.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.1	U	62.1	88.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.1	U	75.1	180	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.4	U	55.4	88.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.4	U	56.4	88.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.5	U	63.5	88.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.3	U	53.3	88.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.4	U	55.4	88.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.7	U	54.7	88.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.2	U	59.2	88.7	120	ug/Kg
123-91-1	1,4-Dioxane	75.1	U	75.1	88.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	88.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.8	U	56.8	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	75.541		18-112		50	SPK: -150
13127-88-3	Phenol-d6	72.591		15-107		48	SPK: -150
4165-60-0	Nitrobenzene-d5	50.498		18-107		50	SPK: -100
321-60-8	2-Fluorobiphenyl	56.591		20-109		57	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-COTTAGE	SDG No.:	BF112024
Lab Sample ID:	P4910-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.2
Sample Wt/Vol:	50.06	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
BF140505.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	70.649		10-116		47	SPK: -150
1718-51-0	Terphenyl-d14	52.811		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102588	6.875				
1146-65-2	Naphthalene-d8	380523	8.151				
15067-26-2	Acenaphthene-d10	198317	9.904				
1517-22-2	Phenanthrene-d10	352738	11.398				
1719-03-5	Chrysene-d12	211653	14.045				
1520-96-3	Perylene-d12	208834	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	730	J			2.14	
000119-61-9	Benzophenone	78.9	J			10.616	
000057-10-3	n-Hexadecanoic acid	57.3	J			11.916	

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112024
Lab Sample ID:	P4893-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.06	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
BF140506.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.8	U	59.8	190	230	ug/Kg
110-86-1	Pyridine	55	U	55	89.5	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.7	U	66.7	89.5	120	ug/Kg
108-95-2	Phenol	57.1	U	57.1	89.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.7	U	57.7	89.5	120	ug/Kg
95-57-8	2-Chlorophenol	57.5	U	57.5	89.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.3	U	58.3	89.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.2	U	59.2	89.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.6	U	59.6	89.5	120	ug/Kg
100-51-6	Benzyl Alcohol	57.2	U	57.2	190	230	ug/Kg
95-48-7	2-Methylphenol	55.5	U	55.5	89.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.6	U	62.6	89.5	120	ug/Kg
98-86-2	Acetophenone	59.9	U	59.9	89.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	55	U	55	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.8	U	27.8	55.1	55.1	ug/Kg
67-72-1	Hexachloroethane	57.2	U	57.2	89.5	120	ug/Kg
98-95-3	Nitrobenzene	62.5	U	62.5	89.5	120	ug/Kg
78-59-1	Isophorone	58.3	U	58.3	89.5	120	ug/Kg
88-75-5	2-Nitrophenol	65.1	U	65.1	89.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.2	U	64.2	89.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.1	U	59.1	89.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	89.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.8	U	58.8	89.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	56.9	U	56.9	89.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.9	U	56.9	89.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.4	U	57.4	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112024
Lab Sample ID:	P4893-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.06	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
BF140506.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.8	U	59.8	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.4	U	53.4	89.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.8	U	56.8	89.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.2	U	49.2	89.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	89.5	120	ug/Kg
92-52-4	1,1-Biphenyl	60.2	U	60.2	89.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.4	U	57.4	89.5	120	ug/Kg
88-74-4	2-Nitroaniline	65.4	U	65.4	89.5	120	ug/Kg
131-11-3	Dimethylphthalate	56.3	U	56.3	89.5	120	ug/Kg
208-96-8	Acenaphthylene	59.6	U	59.6	89.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.3	U	57.3	89.5	120	ug/Kg
99-09-2	3-Nitroaniline	61.4	U	61.4	89.5	120	ug/Kg
83-32-9	Acenaphthene	55.9	U	55.9	89.5	120	ug/Kg
Total PAH	Total PAH	913	U	913	89.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	79.9	U	79.9	190	230	ug/Kg
132-64-9	Dibenzofuran	58.1	U	58.1	89.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.7	U	116.7	89.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.4	U	59.4	89.5	120	ug/Kg
84-66-2	Diethylphthalate	55.2	U	55.2	89.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	89.5	120	ug/Kg
86-73-7	Fluorene	58.9	U	58.9	89.5	120	ug/Kg
100-01-6	4-Nitroaniline	73.7	U	73.7	89.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.6	U	80.6	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.2	U	56.2	89.5	120	ug/Kg
103-33-3	Azobenzene	54.8	U	54.8	89.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.3	U	54.3	89.5	120	ug/Kg
118-74-1	Hexachlorobenzene	58.6	U	58.6	89.5	120	ug/Kg
1912-24-9	Atrazine	63	U	63	89.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112024
Lab Sample ID:	P4893-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF140506.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.2	U	53.2	190	230	ug/Kg
85-01-8	Phenanthrene	57.9	U	57.9	89.5	120	ug/Kg
120-12-7	Anthracene	58.1	U	58.1	89.5	120	ug/Kg
86-74-8	Carbazole	55.3	U	55.3	89.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.1	U	58.1	89.5	120	ug/Kg
206-44-0	Fluoranthene	56.3	U	56.3	89.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.2	U	57.2	89.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.7	U	66.7	89.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.9	U	67.9	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.6	U	55.6	89.5	120	ug/Kg
218-01-9	Chrysene	54.8	U	54.8	89.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.7	U	62.7	89.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.8	U	75.8	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.9	U	55.9	89.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.9	U	56.9	89.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.1	U	64.1	89.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.8	U	53.8	89.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.9	U	55.9	89.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.2	U	55.2	89.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.8	U	59.8	89.5	120	ug/Kg
123-91-1	1,4-Dioxane	75.8	U	75.8	89.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.5	U	51.5	89.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.3	U	57.3	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.868		18-112		59	SPK: -150
13127-88-3	Phenol-d6	83.385		15-107		56	SPK: -150
4165-60-0	Nitrobenzene-d5	60.966		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	64.814		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-763	SDG No.:	BF112024
Lab Sample ID:	P4893-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13
Sample Wt/Vol:	50.06	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
BF140506.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.233		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	53.611		10-105		54	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	104953	6.875				
1146-65-2	Naphthalene-d8	380272	8.151				
15067-26-2	Acenaphthene-d10	189196	9.904				
1517-22-2	Phenanthrene-d10	311331	11.398				
1719-03-5	Chrysene-d12	206295	14.039				
1520-96-3	Perylene-d12	217003	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	800	J			2.146	
001119-40-0	Pentanedioic acid, dimethyl ester	50.5	J			7.681	
017301-23-4	Undecane, 2,6-dimethyl-	62.2	J			8.204	
002051-30-1	Octane, 2,6-dimethyl-	51.9	J			8.563	
	unknown8.828	46.2	J			8.828	
003891-98-3	Dodecane, 2,6,10-trimethyl-	81.5	J			9.169	
004860-03-1	Hexadecane, 1-chloro-	80.4	J			9.304	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	160	J			9.622	
000112-40-3	Dodecane	100	J			10.157	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	100	J			10.227	
	unknown10.316	77.4	J			10.316	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	160	J			10.551	
000119-61-9	Benzophenone	130	J			10.616	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	220	J			10.816	
000613-33-2	4,4-Dimethylbiphenyl	52.6	J			11.033	
000629-59-4	Tetradecane	150	J			11.28	
000629-78-7	Heptadecane	90.7	J			11.633	
000057-10-3	n-Hexadecanoic acid	70.7	J			11.922	

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112024
Lab Sample ID:	P4893-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.02	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
BF140507.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	58.6	U	58.6	180	220	ug/Kg
110-86-1	Pyridine	54	U	54	87.8	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.4	U	65.4	87.8	110	ug/Kg
108-95-2	Phenol	56	U	56	87.8	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.5	U	56.5	87.8	110	ug/Kg
95-57-8	2-Chlorophenol	56.4	U	56.4	87.8	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.1	U	57.1	87.8	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.1	U	58.1	87.8	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.4	U	58.4	87.8	110	ug/Kg
100-51-6	Benzyl Alcohol	56.1	U	56.1	180	220	ug/Kg
95-48-7	2-Methylphenol	54.4	U	54.4	87.8	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.4	U	61.4	87.8	110	ug/Kg
98-86-2	Acetophenone	58.7	U	58.7	87.8	110	ug/Kg
65794-96-9	3+4-Methylphenols	53.9	U	53.9	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.2	U	27.2	54	54	ug/Kg
67-72-1	Hexachloroethane	56.1	U	56.1	87.8	110	ug/Kg
98-95-3	Nitrobenzene	61.3	U	61.3	87.8	110	ug/Kg
78-59-1	Isophorone	57.1	U	57.1	87.8	110	ug/Kg
88-75-5	2-Nitrophenol	63.8	U	63.8	87.8	110	ug/Kg
105-67-9	2,4-Dimethylphenol	62.9	U	62.9	87.8	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57.9	U	57.9	87.8	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	87.8	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	57.7	U	57.7	87.8	110	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	55.8	U	55.8	87.8	110	ug/Kg
106-47-8	4-Chloroaniline	55.8	U	55.8	87.8	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.3	U	56.3	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112024
Lab Sample ID:	P4893-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.02	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
BF140507.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	58.6	U	58.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.3	U	52.3	87.8	110	ug/Kg
91-57-6	2-Methylnaphthalene	55.7	U	55.7	87.8	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.2	U	48.2	87.8	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	87.8	110	ug/Kg
92-52-4	1,1-Biphenyl	59	U	59	87.8	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.3	U	56.3	87.8	110	ug/Kg
88-74-4	2-Nitroaniline	64.2	U	64.2	87.8	110	ug/Kg
131-11-3	Dimethylphthalate	55.2	U	55.2	87.8	110	ug/Kg
208-96-8	Acenaphthylene	58.4	U	58.4	87.8	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.2	U	56.2	87.8	110	ug/Kg
99-09-2	3-Nitroaniline	60.2	U	60.2	87.8	110	ug/Kg
83-32-9	Acenaphthene	54.8	U	54.8	87.8	110	ug/Kg
Total PAH	Total PAH	894.9	U	894.9	87.8	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.3	U	78.3	180	220	ug/Kg
132-64-9	Dibenzofuran	57	U	57	87.8	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	14.4	U	114.4	87.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.2	U	58.2	87.8	110	ug/Kg
84-66-2	Diethylphthalate	54.1	U	54.1	87.8	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57.8	U	57.8	87.8	110	ug/Kg
86-73-7	Fluorene	57.7	U	57.7	87.8	110	ug/Kg
100-01-6	4-Nitroaniline	72.3	U	72.3	87.8	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79	U	79	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.1	U	55.1	87.8	110	ug/Kg
103-33-3	Azobenzene	53.8	U	53.8	87.8	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.3	U	53.3	87.8	110	ug/Kg
118-74-1	Hexachlorobenzene	57.4	U	57.4	87.8	110	ug/Kg
1912-24-9	Atrazine	61.7	U	61.7	87.8	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112024
Lab Sample ID:	P4893-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.02	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
BF140507.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.2	U	52.2	180	220	ug/Kg
85-01-8	Phenanthrene	56.7	U	56.7	87.8	110	ug/Kg
120-12-7	Anthracene	57	U	57	87.8	110	ug/Kg
86-74-8	Carbazole	54.2	U	54.2	87.8	110	ug/Kg
84-74-2	Di-n-butylphthalate	56.9	U	56.9	87.8	110	ug/Kg
206-44-0	Fluoranthene	55.2	U	55.2	87.8	110	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.1	U	56.1	87.8	110	ug/Kg
85-68-7	Butylbenzylphthalate	65.4	U	65.4	87.8	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66.6	U	66.6	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.5	U	54.5	87.8	110	ug/Kg
218-01-9	Chrysene	53.7	U	53.7	87.8	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.5	U	61.5	87.8	110	ug/Kg
117-84-0	Di-n-octyl phthalate	74.3	U	74.3	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	54.8	U	54.8	87.8	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	55.8	U	55.8	87.8	110	ug/Kg
50-32-8	Benzo(a)pyrene	62.8	U	62.8	87.8	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	52.7	U	52.7	87.8	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54.8	U	54.8	87.8	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.1	U	54.1	87.8	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.6	U	58.6	87.8	110	ug/Kg
123-91-1	1,4-Dioxane	74.3	U	74.3	87.8	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.5	U	50.5	87.8	110	ug/Kg
90-12-0	1-Methylnaphthalene	56.2	U	56.2	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	80.872		18-112		54	SPK: -150
13127-88-3	Phenol-d6	77.397		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	56.174		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	58.267		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	11/16/2024 12:00:00 AM
Project:		Date Received:	11/16/2024 12:00:00 AM
Client Sample ID:	MH-762	SDG No.:	BF112024
Lab Sample ID:	P4893-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.2
Sample Wt/Vol:	50.02	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
BF140507.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	73.796		10-116		49	SPK: -150
1718-51-0	Terphenyl-d14	46.88		10-105		47	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100112	6.875				
1146-65-2	Naphthalene-d8	364052	8.151				
15067-26-2	Acenaphthene-d10	187678	9.904				
1517-22-2	Phenanthrene-d10	315574	11.398				
1719-03-5	Chrysene-d12	202306	14.039				
1520-96-3	Perylene-d12	204013	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	730	J			2.14	
000119-61-9	Benzophenone	95.9	J			10.616	
000057-10-3	n-Hexadecanoic acid	55.8	J			11.916	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-5	SDG No.:	BF112024
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF140508.D	1	11/8/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.4	U	96.4	300	370	ug/Kg
110-86-1	Pyridine	88.7	U	88.7	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.1	U	92.1	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93	U	93	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.7	U	92.7	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94	U	94	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.5	U	95.5	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.1	U	96.1	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.2	U	92.2	300	370	ug/Kg
95-48-7	2-Methylphenol	89.5	U	89.5	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.5	U	96.5	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.6	U	88.6	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.8	U	44.8	88.9	88.9	ug/Kg
67-72-1	Hexachloroethane	92.2	U	92.2	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	94	U	94	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.3	U	95.3	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	83.9	U	83.9	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	94.9	U	94.9	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.7	U	91.7	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.7	U	91.7	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.5	U	92.5	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-5	SDG No.:	BF112024
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF140508.D	1	11/8/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.4	U	96.4	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.1	U	86.1	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.6	U	91.6	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.3	U	79.3	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.2	U	82.2	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.1	U	97.1	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.5	U	92.5	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.7	U	90.7	140	190	ug/Kg
208-96-8	Acenaphthylene	96.1	U	96.1	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.4	U	92.4	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.1	U	99.1	140	190	ug/Kg
83-32-9	Acenaphthene	90.1	U	90.1	140	190	ug/Kg
Total PAH	Total PAH	1468.4	U	1468.4	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.7	U	93.7	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.7	U	95.7	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	188.1	U	188.1	140	380	ug/Kg
84-66-2	Diethylphthalate	89	U	89	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.1	U	95.1	140	190	ug/Kg
86-73-7	Fluorene	95	U	95	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.6	U	90.6	140	190	ug/Kg
103-33-3	Azobenzene	88.4	U	88.4	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.6	U	87.6	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.4	U	94.4	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-5	SDG No.:	BF112024
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF140508.D	1	11/8/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	85.9	U	85.9	300	370	ug/Kg
85-01-8	Phenanthrene	93.3	U	93.3	140	190	ug/Kg
120-12-7	Anthracene	93.7	U	93.7	140	190	ug/Kg
86-74-8	Carbazole	89.2	U	89.2	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.6	U	93.6	140	190	ug/Kg
206-44-0	Fluoranthene	90.7	U	90.7	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	92.2	U	92.2	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.6	U	89.6	140	190	ug/Kg
218-01-9	Chrysene	88.3	U	88.3	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.1	U	90.1	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.7	U	91.7	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.7	U	86.7	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.2	U	90.2	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89	U	89	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.4	U	96.4	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83	U	83	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.4	U	92.4	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.675		18-112		61	SPK: -150
13127-88-3	Phenol-d6	85.589		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	65.286		18-107		65	SPK: -100
321-60-8	2-Fluorobiphenyl	72.306		20-109		72	SPK: -100

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-5	SDG No.:	BF112024
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF140508.D	1	11/8/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.044		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	63.664		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97789	6.875				
1146-65-2	Naphthalene-d8	331411	8.151				
15067-26-2	Acenaphthene-d10	155672	9.904				
1517-22-2	Phenanthrene-d10	250354	11.398				
1719-03-5	Chrysene-d12	155764	14.062				
1520-96-3	Perylene-d12	143752	15.568				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.14	
003073-66-3	Cyclohexane, 1,1,3-trimethyl-	230	J			5.092	
255885-37-1	Cyclooctane, 1-methyl-3-propyl-	160	J			5.886	
062960-76-3	4-Octene, 2,6-dimethyl-, [S-(E)]-	490	J			6.41	
	unknown6.651	170	J			6.651	
035216-11-6	7-Tetradecyne	170	J			6.963	
074630-30-1	2-Decene, 4-methyl-, (Z)-	280	J			7.139	
025183-82-8	1-Cyclohexyl-2-methyl-prop-2-en-1-	180	J			7.292	
017983-22-1	Ketone, methyl 2,2,3-trimethylcycl	260	J			7.51	
002958-76-1	Naphthalene, decahydro-2-methyl-	270	J			7.675	
002547-27-5	trans-4a-Methyl-decahydronaphthale	270	J			7.792	
	unknown8.022	180	J			8.022	
074645-98-0	Dodecane, 2,7,10-trimethyl-	230	J			8.204	
	unknown8.239	200	J			8.239	
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	370	J			8.357	
066660-39-7	trans, cis-2-Ethylbicyclo[4.4.0]de	410	J			8.439	
061142-70-9	Cyclohexane, 2,4-diethyl-1-methyl-	370	J			8.592	
091695-32-8	2-Undecene, 4-methyl-	250	J			8.692	
	unknown8.833	280	J			8.833	

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	B-5	SDG No.:	BF112024
Lab Sample ID:	P4768-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10
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
BF140508.D	1	11/8/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164789

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000119-61-9	Benzophenone	450	J			10.616	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BF112024
Lab Sample ID:	P4870-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.04	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
BF140509.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.9	U	59.9	190	230	ug/Kg
110-86-1	Pyridine	55.1	U	55.1	89.7	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	230	ug/Kg
62-53-3	Aniline	66.9	U	66.9	89.7	120	ug/Kg
108-95-2	Phenol	57.2	U	57.2	89.7	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57.7	U	57.7	89.7	120	ug/Kg
95-57-8	2-Chlorophenol	57.6	U	57.6	89.7	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	58.4	U	58.4	89.7	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.3	U	59.3	89.7	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.7	U	59.7	89.7	120	ug/Kg
100-51-6	Benzyl Alcohol	57.3	U	57.3	190	230	ug/Kg
95-48-7	2-Methylphenol	55.6	U	55.6	89.7	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	62.7	U	62.7	89.7	120	ug/Kg
98-86-2	Acetophenone	60	U	60	89.7	120	ug/Kg
65794-96-9	3+4-Methylphenols	55.1	U	55.1	190	230	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.8	U	27.8	55.2	55.2	ug/Kg
67-72-1	Hexachloroethane	57.3	U	57.3	89.7	120	ug/Kg
98-95-3	Nitrobenzene	62.6	U	62.6	89.7	120	ug/Kg
78-59-1	Isophorone	58.4	U	58.4	89.7	120	ug/Kg
88-75-5	2-Nitrophenol	65.2	U	65.2	89.7	120	ug/Kg
105-67-9	2,4-Dimethylphenol	64.3	U	64.3	89.7	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59.2	U	59.2	89.7	120	ug/Kg
120-83-2	2,4-Dichlorophenol	52.1	U	52.1	89.7	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.9	U	58.9	89.7	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	190	230	ug/Kg
91-20-3	Naphthalene	57	U	57	89.7	120	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	89.7	120	ug/Kg
87-68-3	Hexachlorobutadiene	57.5	U	57.5	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BF112024
Lab Sample ID:	P4870-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.04	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
BF140509.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.9	U	59.9	190	230	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.5	U	53.5	89.7	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.9	U	56.9	89.7	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	190	230	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49.3	U	49.3	89.7	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51.1	U	51.1	89.7	120	ug/Kg
92-52-4	1,1-Biphenyl	60.3	U	60.3	89.7	120	ug/Kg
91-58-7	2-Chloronaphthalene	57.5	U	57.5	89.7	120	ug/Kg
88-74-4	2-Nitroaniline	65.5	U	65.5	89.7	120	ug/Kg
131-11-3	Dimethylphthalate	56.4	U	56.4	89.7	120	ug/Kg
208-96-8	Acenaphthylene	59.7	U	59.7	89.7	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	57.4	U	57.4	89.7	120	ug/Kg
99-09-2	3-Nitroaniline	61.5	U	61.5	89.7	120	ug/Kg
83-32-9	Acenaphthene	56	U	56	89.7	120	ug/Kg
Total PAH	Total PAH	914.5	U	914.5	89.7	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	190	230	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	190	230	ug/Kg
132-64-9	Dibenzofuran	58.2	U	58.2	89.7	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	16.9	U	116.9	89.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.5	U	59.5	89.7	120	ug/Kg
84-66-2	Diethylphthalate	55.3	U	55.3	89.7	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.1	U	59.1	89.7	120	ug/Kg
86-73-7	Fluorene	59	U	59	89.7	120	ug/Kg
100-01-6	4-Nitroaniline	73.8	U	73.8	89.7	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	80.7	U	80.7	190	230	ug/Kg
86-30-6	n-Nitrosodiphenylamine	56.3	U	56.3	89.7	120	ug/Kg
103-33-3	Azobenzene	54.9	U	54.9	89.7	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54.4	U	54.4	89.7	120	ug/Kg
118-74-1	Hexachlorobenzene	58.6	U	58.6	89.7	120	ug/Kg
1912-24-9	Atrazine	63.1	U	63.1	89.7	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BF112024
Lab Sample ID:	P4870-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.04	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
BF140509.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	53.3	U	53.3	190	230	ug/Kg
85-01-8	Phenanthrene	58	U	58	89.7	120	ug/Kg
120-12-7	Anthracene	58.2	U	58.2	89.7	120	ug/Kg
86-74-8	Carbazole	55.4	U	55.4	89.7	120	ug/Kg
84-74-2	Di-n-butylphthalate	58.2	U	58.2	89.7	120	ug/Kg
206-44-0	Fluoranthene	56.4	U	56.4	89.7	120	ug/Kg
92-87-5	Benzidine	110	U	110	190	230	ug/Kg
129-00-0	Pyrene	57.3	U	57.3	89.7	120	ug/Kg
85-68-7	Butylbenzylphthalate	66.8	U	66.8	89.7	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	190	230	ug/Kg
56-55-3	Benzo(a)anthracene	55.7	U	55.7	89.7	120	ug/Kg
218-01-9	Chrysene	54.8	U	54.8	89.7	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.8	U	62.8	89.7	120	ug/Kg
117-84-0	Di-n-octyl phthalate	75.9	U	75.9	190	230	ug/Kg
205-99-2	Benzo(b)fluoranthene	56	U	56	89.7	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	89.7	120	ug/Kg
50-32-8	Benzo(a)pyrene	64.2	U	64.2	89.7	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.9	U	53.9	89.7	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	U	56	89.7	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55.3	U	55.3	89.7	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.9	U	59.9	89.7	120	ug/Kg
123-91-1	1,4-Dioxane	75.9	U	75.9	89.7	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51.5	U	51.5	89.7	120	ug/Kg
90-12-0	1-Methylnaphthalene	57.4	U	57.4	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	90.023		18-112		60	SPK: -150
13127-88-3	Phenol-d6	85.853		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	62.622		18-107		63	SPK: -100
321-60-8	2-Fluorobiphenyl	66.801		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	TP-15	SDG No.:	BF112024
Lab Sample ID:	P4870-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.04	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
BF140509.D	1	11/15/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164993

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.039		10-116		55	SPK: -150
1718-51-0	Terphenyl-d14	52.979		10-105		53	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122908	6.875				
1146-65-2	Naphthalene-d8	441673	8.151				
15067-26-2	Acenaphthene-d10	210624	9.904				
1517-22-2	Phenanthrene-d10	346195	11.398				
1719-03-5	Chrysene-d12	238329	14.039				
1520-96-3	Perylene-d12	223211	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	770	J			2.152	
000119-61-9	Benzophenone	95	J			10.622	
000057-10-3	n-Hexadecanoic acid	150	J			11.922	
000301-02-0	9-Octadecenamide, (Z)-	100	J			14.798	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-TOP	SDG No.:	BF112024
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.2
Sample Wt/Vol:	30.06	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
BF140510.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	140	U	140	450	550	ug/Kg
110-86-1	Pyridine	130	U	130	220	280	ug/Kg
100-52-7	Benzaldehyde	300	U	300	450	550	ug/Kg
62-53-3	Aniline	160	U	160	220	280	ug/Kg
108-95-2	Phenol	140	U	140	220	280	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	140	U	140	220	280	ug/Kg
95-57-8	2-Chlorophenol	140	U	140	220	280	ug/Kg
95-50-1	1,2-Dichlorobenzene	140	U	140	220	280	ug/Kg
541-73-1	1,3-Dichlorobenzene	140	U	140	220	280	ug/Kg
106-46-7	1,4-Dichlorobenzene	140	U	140	220	280	ug/Kg
100-51-6	Benzyl Alcohol	140	U	140	450	550	ug/Kg
95-48-7	2-Methylphenol	130	U	130	220	280	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	220	280	ug/Kg
98-86-2	Acetophenone	150	U	150	220	280	ug/Kg
65794-96-9	3+4-Methylphenols	130	U	130	450	550	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.3	U	67.3	130	130	ug/Kg
67-72-1	Hexachloroethane	140	U	140	220	280	ug/Kg
98-95-3	Nitrobenzene	150	U	150	220	280	ug/Kg
78-59-1	Isophorone	140	U	140	220	280	ug/Kg
88-75-5	2-Nitrophenol	160	U	160	220	280	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	220	280	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	140	U	140	220	280	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	130	220	280	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	140	U	140	220	280	ug/Kg
65-85-0	Benzoic acid	400	U	400	450	550	ug/Kg
91-20-3	Naphthalene	140	U	140	220	280	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	220	280	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	220	280	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-TOP	SDG No.:	BF112024
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.2
Sample Wt/Vol:	30.06	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
BF140510.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	140	U	140	450	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	U	130	220	280	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	220	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	260	U	260	450	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	220	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	220	280	ug/Kg
92-52-4	1,1-Biphenyl	150	U	150	220	280	ug/Kg
91-58-7	2-Chloronaphthalene	140	U	140	220	280	ug/Kg
88-74-4	2-Nitroaniline	160	U	160	220	280	ug/Kg
131-11-3	Dimethylphthalate	140	U	140	220	280	ug/Kg
208-96-8	Acenaphthylene	200	J	140	220	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	220	280	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	220	280	ug/Kg
83-32-9	Acenaphthene	140	U	140	220	280	ug/Kg
Total PAH	Total PAH	8550		2220	220	4480	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	410	450	550	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	450	550	ug/Kg
132-64-9	Dibenzofuran	140	U	140	220	280	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	280	U	280	220	560	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	220	280	ug/Kg
84-66-2	Diethylphthalate	130	U	130	220	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	140	U	140	220	280	ug/Kg
86-73-7	Fluorene	140	U	140	220	280	ug/Kg
100-01-6	4-Nitroaniline	180	U	180	220	280	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	450	550	ug/Kg
86-30-6	n-Nitrosodiphenylamine	140	U	140	220	280	ug/Kg
103-33-3	Azobenzene	130	U	130	220	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	U	130	220	280	ug/Kg
118-74-1	Hexachlorobenzene	140	U	140	220	280	ug/Kg
1912-24-9	Atrazine	150	U	150	220	280	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-TOP	SDG No.:	BF112024
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.2
Sample Wt/Vol:	30.06	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
BF140510.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	130	U	130	450	550	ug/Kg
85-01-8	Phenanthrene	720		140	220	280	ug/Kg
120-12-7	Anthracene	330		140	220	280	ug/Kg
86-74-8	Carbazole	130	U	130	220	280	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	220	280	ug/Kg
206-44-0	Fluoranthene	1400		140	220	280	ug/Kg
92-87-5	Benzidine	270	U	270	450	550	ug/Kg
129-00-0	Pyrene	1100		140	220	280	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	220	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	450	550	ug/Kg
56-55-3	Benzo(a)anthracene	1100		130	220	280	ug/Kg
218-01-9	Chrysene	980		130	220	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	220	280	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	450	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	840		140	220	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	350		140	220	280	ug/Kg
50-32-8	Benzo(a)pyrene	910		160	220	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300		130	220	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	220	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		130	220	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	U	140	220	280	ug/Kg
123-91-1	1,4-Dioxane	180	U	180	220	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	U	120	220	280	ug/Kg
90-12-0	1-Methylnaphthalene	140	U	140	280	280	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	96.639		18-112		64	SPK: -150
13127-88-3	Phenol-d6	90.303		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	67.966		18-107		68	SPK: -100
321-60-8	2-Fluorobiphenyl	77.02		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-TOP	SDG No.:	BF112024
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.2
Sample Wt/Vol:	30.06	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
BF140510.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.053		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	58.553		10-105		59	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	109793	6.875				
1146-65-2	Naphthalene-d8	377655	8.151				
15067-26-2	Acenaphthene-d10	180123	9.904				
1517-22-2	Phenanthrene-d10	278778	11.398				
1719-03-5	Chrysene-d12	208770	14.045				
1520-96-3	Perylene-d12	217412	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2100	J			2.152	
	unknown9.616	270	J			9.616	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	180	J			10.316	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	150	J			10.551	
000119-61-9	Benzophenone	320	J			10.616	
006975-98-0	Decane, 2-methyl-	320	J			10.816	
000233-02-3	Naphtho[2,1-b]thiophene	210	J			11.286	
000610-48-0	Anthracene, 1-methyl-	280	J			11.904	
000613-12-7	Anthracene, 2-methyl-	470	J			11.922	
002531-84-2	Phenanthrene, 2-methyl-	290	J			11.974	
018791-75-8	4-Bromothiophene-2-aldehyde	840	J			12.01	
000612-94-2	Naphthalene, 2-phenyl-	160	J			12.192	
000781-43-1	9,10-Dimethylanthracene	430	J			12.451	
000886-66-8	Benzene, 1,1-(1,3-butadiyne-1,4-d	270	J			12.71	
033543-31-6	Fluoranthene, 2-methyl-	180	J			13.063	
000243-17-4	11H-Benzo[b]fluorene	360	J			13.169	
000238-84-6	11H-Benzo[a]fluorene	190	J			13.239	
002381-21-7	Pyrene, 1-methyl-	180	J			13.274	
003353-12-6	Pyrene, 4-methyl-	160	J			13.398	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	WB-310-TOP	SDG No.:	BF112024
Lab Sample ID:	P4892-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	40.2
Sample Wt/Vol:	30.06	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
BF140510.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	400	J			15.41	

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	BU-02-111824	SDG No.:	BF112024
Lab Sample ID:	P4909-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.04	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
BF140511.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	55	U	55	170	210	ug/Kg
110-86-1	Pyridine	50.6	U	50.6	82.3	110	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	210	ug/Kg
62-53-3	Aniline	61.3	U	61.3	82.3	110	ug/Kg
108-95-2	Phenol	52.5	U	52.5	82.3	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	53	U	53	82.3	110	ug/Kg
95-57-8	2-Chlorophenol	52.9	U	52.9	82.3	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.6	U	53.6	82.3	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	54.4	U	54.4	82.3	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.8	U	54.8	82.3	110	ug/Kg
100-51-6	Benzyl Alcohol	52.5	U	52.5	170	210	ug/Kg
95-48-7	2-Methylphenol	51	U	51	82.3	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57.5	U	57.5	82.3	110	ug/Kg
98-86-2	Acetophenone	55	U	55	82.3	110	ug/Kg
65794-96-9	3+4-Methylphenols	50.5	U	50.5	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.5	U	25.5	50.6	50.6	ug/Kg
67-72-1	Hexachloroethane	52.5	U	52.5	82.3	110	ug/Kg
98-95-3	Nitrobenzene	57.5	U	57.5	82.3	110	ug/Kg
78-59-1	Isophorone	53.6	U	53.6	82.3	110	ug/Kg
88-75-5	2-Nitrophenol	59.8	U	59.8	82.3	110	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	82.3	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	54.3	U	54.3	82.3	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.8	U	47.8	82.3	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	54.1	U	54.1	82.3	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	52.3	U	52.3	82.3	110	ug/Kg
106-47-8	4-Chloroaniline	52.3	U	52.3	82.3	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.7	U	52.7	82.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	BU-02-111824	SDG No.:	BF112024
Lab Sample ID:	P4909-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.04	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
BF140511.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	55	U	55	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49.1	U	49.1	82.3	110	ug/Kg
91-57-6	2-Methylnaphthalene	52.2	U	52.2	82.3	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98.8	U	98.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	45.2	U	45.2	82.3	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.8	U	46.8	82.3	110	ug/Kg
92-52-4	1,1-Biphenyl	55.3	U	55.3	82.3	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.7	U	52.7	82.3	110	ug/Kg
88-74-4	2-Nitroaniline	60.1	U	60.1	82.3	110	ug/Kg
131-11-3	Dimethylphthalate	51.7	U	51.7	82.3	110	ug/Kg
208-96-8	Acenaphthylene	54.8	U	54.8	82.3	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.7	U	52.7	82.3	110	ug/Kg
99-09-2	3-Nitroaniline	56.5	U	56.5	82.3	110	ug/Kg
83-32-9	Acenaphthene	51.3	U	51.3	82.3	110	ug/Kg
Total PAH	Total PAH	838.7	U	838.7	82.3	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	73.4	U	73.4	170	210	ug/Kg
132-64-9	Dibenzofuran	53.4	U	53.4	82.3	110	ug/Kg
121-14-2	2,4-Dinitrotoluene	54.6	U	54.6	82.3	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	107.3	U	107.3	82.3	220	ug/Kg
84-66-2	Diethylphthalate	50.7	U	50.7	82.3	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54.2	U	54.2	82.3	110	ug/Kg
86-73-7	Fluorene	54.1	U	54.1	82.3	110	ug/Kg
100-01-6	4-Nitroaniline	67.7	U	67.7	82.3	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74.1	U	74.1	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.7	U	51.7	82.3	110	ug/Kg
103-33-3	Azobenzene	50.4	U	50.4	82.3	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.9	U	49.9	82.3	110	ug/Kg
118-74-1	Hexachlorobenzene	53.8	U	53.8	82.3	110	ug/Kg
1912-24-9	Atrazine	57.9	U	57.9	82.3	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	BU-02-111824	SDG No.:	BF112024
Lab Sample ID:	P4909-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.04 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
BF140511.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.9	U	48.9	170	210	ug/Kg
85-01-8	Phenanthrene	53.2	U	53.2	82.3	110	ug/Kg
120-12-7	Anthracene	53.4	U	53.4	82.3	110	ug/Kg
86-74-8	Carbazole	50.8	U	50.8	82.3	110	ug/Kg
84-74-2	Di-n-butylphthalate	53.4	U	53.4	82.3	110	ug/Kg
206-44-0	Fluoranthene	91.4	J	51.7	82.3	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	72.8	J	52.5	82.3	110	ug/Kg
85-68-7	Butylbenzylphthalate	61.3	U	61.3	82.3	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62.4	U	62.4	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	51.1	U	51.1	82.3	110	ug/Kg
218-01-9	Chrysene	51.9	J	50.3	82.3	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57.6	U	57.6	82.3	110	ug/Kg
117-84-0	Di-n-octyl phthalate	69.6	U	69.6	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	72.8	J	51.3	82.3	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	52.3	U	52.3	82.3	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.9	U	58.9	82.3	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49.4	U	49.4	82.3	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51.4	U	51.4	82.3	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.7	U	50.7	82.3	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	82.3	110	ug/Kg
123-91-1	1,4-Dioxane	69.6	U	69.6	82.3	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47.3	U	47.3	82.3	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.7	U	52.7	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	67.407		18-112		45	SPK: -150
13127-88-3	Phenol-d6	63.642		15-107		42	SPK: -150
4165-60-0	Nitrobenzene-d5	47.771		18-107		48	SPK: -100
321-60-8	2-Fluorobiphenyl	55.585		20-109		56	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	BU-02-111824	SDG No.:	BF112024
Lab Sample ID:	P4909-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	5.3
Sample Wt/Vol:	50.04	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
BF140511.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	55.449		10-116		37	SPK: -150
1718-51-0	Terphenyl-d14	42.392		10-105		42	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122993	6.875				
1146-65-2	Naphthalene-d8	442750	8.151				
15067-26-2	Acenaphthene-d10	208473	9.904				
1517-22-2	Phenanthrene-d10	311174	11.398				
1719-03-5	Chrysene-d12	243298	14.045				
1520-96-3	Perylene-d12	202545	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	510	J			2.146	
000629-59-4	Tetradecane	67.5	J			9.834	
000544-76-3	Hexadecane	99.4	J			10.334	
000629-50-5	Tridecane	63.7	J			10.551	
000119-61-9	Benzophenone	80.6	J			10.616	
000629-78-7	Heptadecane	190	J			10.81	
000630-02-4	Octacosane	110	J			11.251	
003891-98-3	Dodecane, 2,6,10-trimethyl-	56.3	J			11.281	
000629-62-9	Pentadecane	83.4	J			11.681	
001002-84-2	Pentadecanoic acid	55.1	J			11.922	
000646-31-1	Tetracosane	74.9	J			12.086	
000593-49-7	Heptacosane	66.7	J			12.475	

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112024
Lab Sample ID:	P4910-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05	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
BF140512.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59.1	U	59.1	180	220	ug/Kg
110-86-1	Pyridine	54.4	U	54.4	88.5	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	66	U	66	88.5	120	ug/Kg
108-95-2	Phenol	56.5	U	56.5	88.5	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	57	88.5	120	ug/Kg
95-57-8	2-Chlorophenol	56.9	U	56.9	88.5	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.6	U	57.6	88.5	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.6	U	58.6	88.5	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.9	U	58.9	88.5	120	ug/Kg
100-51-6	Benzyl Alcohol	56.5	U	56.5	180	220	ug/Kg
95-48-7	2-Methylphenol	54.9	U	54.9	88.5	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.9	U	61.9	88.5	120	ug/Kg
98-86-2	Acetophenone	59.2	U	59.2	88.5	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.4	U	54.4	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.5	54.5	ug/Kg
67-72-1	Hexachloroethane	56.5	U	56.5	88.5	120	ug/Kg
98-95-3	Nitrobenzene	61.8	U	61.8	88.5	120	ug/Kg
78-59-1	Isophorone	57.6	U	57.6	88.5	120	ug/Kg
88-75-5	2-Nitrophenol	64.4	U	64.4	88.5	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.5	U	63.5	88.5	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.4	U	58.4	88.5	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.4	U	51.4	88.5	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58.2	U	58.2	88.5	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.3	U	56.3	88.5	120	ug/Kg
106-47-8	4-Chloroaniline	56.3	U	56.3	88.5	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.7	U	56.7	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112024
Lab Sample ID:	P4910-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05	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
BF140512.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59.1	U	59.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.8	U	52.8	88.5	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.2	U	56.2	88.5	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.6	U	48.6	88.5	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.4	U	50.4	88.5	120	ug/Kg
92-52-4	1,1-Biphenyl	59.5	U	59.5	88.5	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.7	U	56.7	88.5	120	ug/Kg
88-74-4	2-Nitroaniline	64.7	U	64.7	88.5	120	ug/Kg
131-11-3	Dimethylphthalate	55.6	U	55.6	88.5	120	ug/Kg
208-96-8	Acenaphthylene	58.9	U	58.9	88.5	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.7	U	56.7	88.5	120	ug/Kg
99-09-2	3-Nitroaniline	60.8	U	60.8	88.5	120	ug/Kg
83-32-9	Acenaphthene	55.2	U	55.2	88.5	120	ug/Kg
Total PAH	Total PAH	902.5	U	902.5	88.5	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	180	220	ug/Kg
132-64-9	Dibenzofuran	57.5	U	57.5	88.5	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.4	U	115.4	88.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.7	U	58.7	88.5	120	ug/Kg
84-66-2	Diethylphthalate	54.6	U	54.6	88.5	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.3	U	58.3	88.5	120	ug/Kg
86-73-7	Fluorene	58.2	U	58.2	88.5	120	ug/Kg
100-01-6	4-Nitroaniline	72.9	U	72.9	88.5	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.7	U	79.7	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.6	U	55.6	88.5	120	ug/Kg
103-33-3	Azobenzene	54.2	U	54.2	88.5	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.7	U	53.7	88.5	120	ug/Kg
118-74-1	Hexachlorobenzene	57.9	U	57.9	88.5	120	ug/Kg
1912-24-9	Atrazine	62.3	U	62.3	88.5	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112024
Lab Sample ID:	P4910-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05	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
BF140512.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.7	U	52.7	180	220	ug/Kg
85-01-8	Phenanthrene	57.2	U	57.2	88.5	120	ug/Kg
120-12-7	Anthracene	57.5	U	57.5	88.5	120	ug/Kg
86-74-8	Carbazole	54.7	U	54.7	88.5	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.4	U	57.4	88.5	120	ug/Kg
206-44-0	Fluoranthene	58.9	J	55.6	88.5	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	56.5	U	56.5	88.5	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.9	U	65.9	88.5	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67.2	U	67.2	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	55	U	55	88.5	120	ug/Kg
218-01-9	Chrysene	54.2	U	54.2	88.5	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	U	62	88.5	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.9	U	74.9	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	55.2	U	55.2	88.5	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.3	U	56.3	88.5	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.3	U	63.3	88.5	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.2	U	53.2	88.5	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.3	U	55.3	88.5	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.6	U	54.6	88.5	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59.1	U	59.1	88.5	120	ug/Kg
123-91-1	1,4-Dioxane	74.9	U	74.9	88.5	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.9	U	50.9	88.5	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.7	U	56.7	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	71.427		18-112		48	SPK: -150
13127-88-3	Phenol-d6	68.581		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	48.935		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	57.757		20-109		58	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	MH-759	SDG No.:	BF112024
Lab Sample ID:	P4910-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12
Sample Wt/Vol:	50.05	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
BF140512.D	1	11/19/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165086

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	63.411		10-116		42	SPK: -150
1718-51-0	Terphenyl-d14	42.55		10-105		43	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	103145	6.875				
1146-65-2	Naphthalene-d8	360315	8.151				
15067-26-2	Acenaphthene-d10	157514	9.904				
1517-22-2	Phenanthrene-d10	257723	11.398				
1719-03-5	Chrysene-d12	211715	14.045				
1520-96-3	Perylene-d12	163614	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	590	J			2.134	
017301-23-4	Undecane, 2,6-dimethyl-	81.3	J			8.204	
1000391-12-6	Succinic acid, tridec-2-yn-1-yl tr	46.1	J			8.439	
002051-30-1	Octane, 2,6-dimethyl-	67.2	J			8.569	
017302-32-8	Nonane, 3,7-dimethyl-	99.9	J			9.169	
007325-84-0	Silane, trichlorodocosyl-	64.3	J			9.304	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	150	J			9.622	
	unknown10.157	78.6	J			10.157	
015441-54-0	1H,3H-Thieno[3,4-c]thiophene, 4,6-	56.1	J			10.316	
003892-00-0	Pentadecane, 2,6,10-trimethyl-	150	J			10.551	
000119-61-9	Benzophenone	84.9	J			10.616	
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	180	J			10.816	
000629-50-5	Tridecane	130	J			11.281	
000544-63-8	Tetradecanoic acid	67.7	J			11.922	
1000328-54-6	l-Leucine, N-methyl-N-(2-methoxyet	58.1	J			12.845	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930DL	SDG No.:	BF112024
Lab Sample ID:	P4889-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.07	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
BF140513.D	5	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	870	1100	ug/Kg
110-86-1	Pyridine	260	U	260	420	550	ug/Kg
100-52-7	Benzaldehyde	580	U	580	870	1100	ug/Kg
62-53-3	Aniline	310	U	310	420	550	ug/Kg
108-95-2	Phenol	270	U	270	420	550	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	420	550	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	420	550	ug/Kg
95-50-1	1,2-Dichlorobenzene	270	U	270	420	550	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	420	550	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	420	550	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	870	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	420	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	290	420	550	ug/Kg
98-86-2	Acetophenone	280	U	280	420	550	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	870	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	420	550	ug/Kg
98-95-3	Nitrobenzene	290	U	290	420	550	ug/Kg
78-59-1	Isophorone	270	U	270	420	550	ug/Kg
88-75-5	2-Nitrophenol	300	U	300	420	550	ug/Kg
105-67-9	2,4-Dimethylphenol	300	U	300	420	550	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	420	550	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	420	550	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	270	U	270	420	550	ug/Kg
65-85-0	Benzoic acid	760	U	760	870	1100	ug/Kg
91-20-3	Naphthalene	260	U	260	420	550	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	420	550	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930DL	SDG No.:	BF112024
Lab Sample ID:	P4889-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.07	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
BF140513.D	5	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	870	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	420	550	ug/Kg
91-57-6	2-Methylnaphthalene	260	U	260	420	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	500	U	500	870	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	420	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	420	550	ug/Kg
92-52-4	1,1-Biphenyl	280	U	280	420	550	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	420	550	ug/Kg
88-74-4	2-Nitroaniline	300	U	300	420	550	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	420	550	ug/Kg
208-96-8	Acenaphthylene	420	JD	280	420	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	420	550	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	420	550	ug/Kg
83-32-9	Acenaphthene	260	U	260	420	550	ug/Kg
Total PAH	Total PAH	13810	UD	4240	420	8800	ug/Kg
51-28-5	2,4-Dinitrophenol	780	U	780	870	1100	ug/Kg
100-02-7	4-Nitrophenol	370	U	370	870	1100	ug/Kg
132-64-9	Dibenzofuran	270	U	270	420	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	420	550	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	420	1100	ug/Kg
84-66-2	Diethylphthalate	260	U	260	420	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	420	550	ug/Kg
86-73-7	Fluorene	270	U	270	420	550	ug/Kg
100-01-6	4-Nitroaniline	340	U	340	420	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	870	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	260	U	260	420	550	ug/Kg
103-33-3	Azobenzene	260	U	260	420	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	420	550	ug/Kg
118-74-1	Hexachlorobenzene	270	U	270	420	550	ug/Kg
1912-24-9	Atrazine	290	U	290	420	550	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930DL	SDG No.:	BF112024
Lab Sample ID:	P4889-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.07	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
BF140513.D	5	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	2000	D	250	870	1100	ug/Kg
85-01-8	Phenanthrene	590	D	270	420	550	ug/Kg
120-12-7	Anthracene	270	U	270	420	550	ug/Kg
86-74-8	Carbazole	260	U	260	420	550	ug/Kg
84-74-2	Di-n-butylphthalate	270	U	270	420	550	ug/Kg
206-44-0	Fluoranthene	1400	D	260	420	550	ug/Kg
92-87-5	Benzidine	520	U	520	870	1100	ug/Kg
129-00-0	Pyrene	1300	D	270	420	550	ug/Kg
85-68-7	Butylbenzylphthalate	310	U	310	420	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	870	1100	ug/Kg
56-55-3	Benzo(a)anthracene	870	D	260	420	550	ug/Kg
218-01-9	Chrysene	1300	D	250	420	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	420	550	ug/Kg
117-84-0	Di-n-octyl phthalate	350	U	350	870	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700	D	260	420	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	850	D	260	420	550	ug/Kg
50-32-8	Benzo(a)pyrene	1900	D	300	420	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000	D	250	420	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	JD	260	420	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	D	260	420	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	420	550	ug/Kg
123-91-1	1,4-Dioxane	350	U	350	420	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240	U	240	420	550	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	550	550	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.47		18-112		56	SPK: -150
13127-88-3	Phenol-d6	77.97		15-107		52	SPK: -150
4165-60-0	Nitrobenzene-d5	57.44		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	77.105		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	#72-11930DL	SDG No.:	BF112024
Lab Sample ID:	P4889-05DL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	6.6
Sample Wt/Vol:	50.07 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
BF140513.D	5	11/16/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	71.825		10-116		48	SPK: -150
1718-51-0	Terphenyl-d14	56.42		10-105		56	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94716	6.875				
1146-65-2	Naphthalene-d8	318948	8.151				
15067-26-2	Acenaphthene-d10	139993	9.91				
1517-22-2	Phenanthrene-d10	239582	11.398				
1719-03-5	Chrysene-d12	209277	14.045				
1520-96-3	Perylene-d12	175813	15.533				

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-5	SDG No.:	BF112024
Lab Sample ID:	P4822-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140514.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.6	U	94.6	290	360	ug/Kg
110-86-1	Pyridine	87.1	U	87.1	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.3	U	90.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.2	U	91.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	91	U	91	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.2	U	92.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	93.7	U	93.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.3	U	94.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.4	U	90.4	290	360	ug/Kg
95-48-7	2-Methylphenol	87.8	U	87.8	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99	U	99	140	190	ug/Kg
98-86-2	Acetophenone	94.7	U	94.7	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87	U	87	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.9	U	43.9	87.2	87.2	ug/Kg
67-72-1	Hexachloroethane	90.4	U	90.4	140	190	ug/Kg
98-95-3	Nitrobenzene	98.9	U	98.9	140	190	ug/Kg
78-59-1	Isophorone	92.2	U	92.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.5	U	93.5	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.3	U	82.3	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.1	U	93.1	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	90	U	90	140	190	ug/Kg
106-47-8	4-Chloroaniline	90	U	90	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.8	U	90.8	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-5	SDG No.:	BF112024
Lab Sample ID:	P4822-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140514.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.6	U	94.6	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.4	U	84.4	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	89.9	U	89.9	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.8	U	77.8	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.6	U	80.6	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.2	U	95.2	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.8	U	90.8	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89	U	89	140	190	ug/Kg
208-96-8	Acenaphthylene	94.3	U	94.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.7	U	90.7	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.2	U	97.2	140	190	ug/Kg
83-32-9	Acenaphthene	88.4	U	88.4	140	190	ug/Kg
Total PAH	Total PAH	1442.6	U	1442.6	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	92	U	92	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.9	U	93.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	84.6	U	184.6	140	380	ug/Kg
84-66-2	Diethylphthalate	87.3	U	87.3	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.3	U	93.3	140	190	ug/Kg
86-73-7	Fluorene	93.2	U	93.2	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.9	U	88.9	140	190	ug/Kg
103-33-3	Azobenzene	86.7	U	86.7	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86	U	86	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.6	U	92.6	140	190	ug/Kg
1912-24-9	Atrazine	99.6	U	99.6	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-5	SDG No.:	BF112024
Lab Sample ID:	P4822-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140514.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.2	U	84.2	290	360	ug/Kg
85-01-8	Phenanthrene	91.5	U	91.5	140	190	ug/Kg
120-12-7	Anthracene	92	U	92	140	190	ug/Kg
86-74-8	Carbazole	87.5	U	87.5	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	91.9	U	91.9	140	190	ug/Kg
206-44-0	Fluoranthene	190		89	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	130	J	90.4	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	87.9	140	190	ug/Kg
218-01-9	Chrysene	110	J	86.6	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.2	U	99.2	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	88.4	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90	U	90	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.1	U	85.1	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.5	U	88.5	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.3	U	87.3	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.6	U	94.6	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.4	U	81.4	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	90.7	U	90.7	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.139		18-112		52	SPK: -150
13127-88-3	Phenol-d6	70.242		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	55.144		18-107		55	SPK: -100
321-60-8	2-Fluorobiphenyl	66.21		20-109		66	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-5	SDG No.:	BF112024
Lab Sample ID:	P4822-10	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
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
BF140514.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	75.247		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	49.802		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107776	6.875				
1146-65-2	Naphthalene-d8	358604	8.151				
15067-26-2	Acenaphthene-d10	160401	9.91				
1517-22-2	Phenanthrene-d10	277554	11.398				
1719-03-5	Chrysene-d12	237366	14.045				
1520-96-3	Perylene-d12	185982	15.527				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J			2.146	
000119-61-9	Benzophenone	440	J			10.622	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	79.2	J			10.928	
000057-10-3	n-Hexadecanoic acid	740	J			11.922	
000057-11-4	Octadecanoic acid	280	J			12.71	
028413-57-2	1-(Phenylthio)-3,7,11-trimethyl-2,	320	J			14.886	
000112-95-8	Eicosane	140	J			15.151	
000629-94-7	Heneicosane	150	J			15.98	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-6	SDG No.:	BF112024
Lab Sample ID:	P4822-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.06	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
BF140515.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.9	U	94.9	300	360	ug/Kg
110-86-1	Pyridine	87.3	U	87.3	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.6	U	90.6	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.5	U	91.5	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.3	U	91.3	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.5	U	92.5	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94	U	94	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.6	U	94.6	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.7	U	90.7	300	360	ug/Kg
95-48-7	2-Methylphenol	88.1	U	88.1	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.4	U	99.4	140	190	ug/Kg
98-86-2	Acetophenone	95	U	95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.2	U	87.2	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.1	U	44.1	87.4	87.4	ug/Kg
67-72-1	Hexachloroethane	90.7	U	90.7	140	190	ug/Kg
98-95-3	Nitrobenzene	99.3	U	99.3	140	190	ug/Kg
78-59-1	Isophorone	92.5	U	92.5	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.8	U	93.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.5	U	82.5	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.4	U	93.4	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.3	U	90.3	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.3	U	90.3	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.1	U	91.1	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-6	SDG No.:	BF112024
Lab Sample ID:	P4822-12	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	30.06	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
BF140515.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.9	U	94.9	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.7	U	84.7	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.2	U	90.2	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78	U	78	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.9	U	80.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.5	U	95.5	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.1	U	91.1	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.3	U	89.3	140	190	ug/Kg
208-96-8	Acenaphthylene	94.6	U	94.6	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.9	U	90.9	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.5	U	97.5	140	190	ug/Kg
83-32-9	Acenaphthene	88.7	U	88.7	140	190	ug/Kg
Total PAH	Total PAH	1447.1	U	1447.1	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.3	U	92.3	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	185.1	U	185.1	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.2	U	94.2	140	190	ug/Kg
84-66-2	Diethylphthalate	87.6	U	87.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.6	U	93.6	140	190	ug/Kg
86-73-7	Fluorene	93.5	U	93.5	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.2	U	89.2	140	190	ug/Kg
103-33-3	Azobenzene	87	U	87	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.2	U	86.2	140	190	ug/Kg
118-74-1	Hexachlorobenzene	92.9	U	92.9	140	190	ug/Kg
1912-24-9	Atrazine	99.9	U	99.9	140	190	ug/Kg

Report of Analysis

Client:				Date Collected:	11/12/2024 12:00:00 AM		
Project:				Date Received:	11/12/2024 12:00:00 AM		
Client Sample ID:	SOIL-6			SDG No.:	BF112024		
Lab Sample ID:	P4822-12			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.7		
Sample Wt/Vol:	30.06	Units:	g	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
BF140515.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.5	U	84.5	300	360	ug/Kg
85-01-8	Phenanthrene	94.1	J	91.8	140	190	ug/Kg
120-12-7	Anthracene	92.3	U	92.3	140	190	ug/Kg
86-74-8	Carbazole	87.8	U	87.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.1	U	92.1	140	190	ug/Kg
206-44-0	Fluoranthene	190		89.3	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	130	J	90.7	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	90	J	88.2	140	190	ug/Kg
218-01-9	Chrysene	89.2	J	86.9	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.5	U	99.5	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	88.7	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.3	U	90.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.4	U	85.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.8	U	88.8	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.6	U	87.6	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.9	U	94.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.7	U	81.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	90.9	U	90.9	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	97.924		18-112		65	SPK: -150
13127-88-3	Phenol-d6	88.114		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	69.914		18-107		70	SPK: -100
321-60-8	2-Fluorobiphenyl	80.716		20-109		81	SPK: -100

Report of Analysis

Client:				Date Collected:	11/12/2024 12:00:00 AM		
Project:				Date Received:	11/12/2024 12:00:00 AM		
Client Sample ID:	SOIL-6			SDG No.:	BF112024		
Lab Sample ID:	P4822-12			Matrix:	Solid		
Analytical Method:	8270E			% Moisture:	8.7		
Sample Wt/Vol:	30.06	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
BF140515.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	97.88		10-116		65	SPK: -150
1718-51-0	Terphenyl-d14	64.211		10-105		64	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108224	6.875				
1146-65-2	Naphthalene-d8	360674	8.151				
15067-26-2	Acenaphthene-d10	164153	9.91				
1517-22-2	Phenanthrene-d10	294426	11.398				
1719-03-5	Chrysene-d12	239458	14.045				
1520-96-3	Perylene-d12	181365	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.152	
000119-61-9	Benzophenone	500	J			10.622	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	76.2	J			10.927	
000057-10-3	n-Hexadecanoic acid	510	J			11.922	
000057-11-4	Octadecanoic acid	130	J			12.71	
000112-88-9	1-Octadecene	200	J			13.886	
000629-97-0	Docosane	75.4	J			14.515	
007683-64-9	Supraene	150	J			14.898	
1000406-32-4	Dotriacontane, 1-iodo-	400	J			15.168	
000629-92-5	Nonadecane	370	J			15.998	
001617-70-5	Lup-20(29)-en-3-one	620	J			18.209	
001058-61-3	Stigmast-4-en-3-one	530	J			18.686	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BF112024
Lab Sample ID:	P4822-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140516.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	94.9	U	94.9	300	360	ug/Kg
110-86-1	Pyridine	87.4	U	87.4	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	360	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	90.7	U	90.7	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.5	U	91.5	140	190	ug/Kg
95-57-8	2-Chlorophenol	91.3	U	91.3	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	92.5	U	92.5	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	94.1	U	94.1	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	94.6	U	94.6	140	190	ug/Kg
100-51-6	Benzyl Alcohol	90.8	U	90.8	300	360	ug/Kg
95-48-7	2-Methylphenol	88.2	U	88.2	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.4	U	99.4	140	190	ug/Kg
98-86-2	Acetophenone	95	U	95	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.3	U	87.3	300	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.1	U	44.1	87.5	87.5	ug/Kg
67-72-1	Hexachloroethane	90.8	U	90.8	140	190	ug/Kg
98-95-3	Nitrobenzene	99.3	U	99.3	140	190	ug/Kg
78-59-1	Isophorone	92.5	U	92.5	140	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.8	U	93.8	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.6	U	82.6	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	93.4	U	93.4	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	360	ug/Kg
91-20-3	Naphthalene	90.3	U	90.3	140	190	ug/Kg
106-47-8	4-Chloroaniline	90.3	U	90.3	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.1	U	91.1	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BF112024
Lab Sample ID:	P4822-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140516.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	94.9	U	94.9	300	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.8	U	84.8	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.2	U	90.2	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.1	U	78.1	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.9	U	80.9	140	190	ug/Kg
92-52-4	1,1-Biphenyl	95.6	U	95.6	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.1	U	91.1	140	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	190	ug/Kg
131-11-3	Dimethylphthalate	89.4	U	89.4	140	190	ug/Kg
208-96-8	Acenaphthylene	94.6	U	94.6	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91	U	91	140	190	ug/Kg
99-09-2	3-Nitroaniline	97.6	U	97.6	140	190	ug/Kg
83-32-9	Acenaphthene	88.7	U	88.7	140	190	ug/Kg
Total PAH	Total PAH	1447.6	U	1447.6	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	360	ug/Kg
132-64-9	Dibenzofuran	92.3	U	92.3	140	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.3	U	94.3	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	85.3	U	185.3	140	380	ug/Kg
84-66-2	Diethylphthalate	87.6	U	87.6	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.6	U	93.6	140	190	ug/Kg
86-73-7	Fluorene	93.5	U	93.5	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.2	U	89.2	140	190	ug/Kg
103-33-3	Azobenzene	87.1	U	87.1	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.3	U	86.3	140	190	ug/Kg
118-74-1	Hexachlorobenzene	93	U	93	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BF112024
Lab Sample ID:	P4822-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140516.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	84.5	U	84.5	300	360	ug/Kg
85-01-8	Phenanthrene	91.9	U	91.9	140	190	ug/Kg
120-12-7	Anthracene	92.3	U	92.3	140	190	ug/Kg
86-74-8	Carbazole	87.8	U	87.8	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.2	U	92.2	140	190	ug/Kg
206-44-0	Fluoranthene	140	J	89.4	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	360	ug/Kg
129-00-0	Pyrene	110	J	90.8	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	360	ug/Kg
56-55-3	Benzo(a)anthracene	88.3	U	88.3	140	190	ug/Kg
218-01-9	Chrysene	87	U	87	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.5	U	99.5	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.1	J	88.7	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.3	U	90.3	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.4	U	85.4	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.8	U	88.8	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.6	U	87.6	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.9	U	94.9	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.7	U	81.7	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	91	U	91	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.132		18-112		66	SPK: -150
13127-88-3	Phenol-d6	88.511		15-107		59	SPK: -150
4165-60-0	Nitrobenzene-d5	73.94		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	86.368		20-109		86	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-3	SDG No.:	BF112024
Lab Sample ID:	P4822-06	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.6
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
BF140516.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	110.638		10-116		74	SPK: -150
1718-51-0	Terphenyl-d14	72.431		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	101523	6.875				
1146-65-2	Naphthalene-d8	323761	8.151				
15067-26-2	Acenaphthene-d10	143091	9.91				
1517-22-2	Phenanthrene-d10	281764	11.398				
1719-03-5	Chrysene-d12	215041	14.045				
1520-96-3	Perylene-d12	157125	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J			2.146	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	82	A			5.098	
000119-61-9	Benzophenone	630	J			10.622	
001940-18-7	Cyclohexanol, 1-ethyl-	110	J			10.928	
000057-10-3	n-Hexadecanoic acid	620	J			11.922	
000057-11-4	Octadecanoic acid	130	J			12.71	
001599-67-3	1-Docosene	260	J			13.886	
007683-64-9	Supraene	360	J			14.898	
000112-95-8	Eicosane	420	J			15.163	
007225-64-1	Heptadecane, 9-octyl-	350	J			15.992	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-4	SDG No.:	BF112024
Lab Sample ID:	P4822-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF140517.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.3	U	93.3	290	350	ug/Kg
110-86-1	Pyridine	85.9	U	85.9	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	350	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.1	U	89.1	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90	U	90	140	180	ug/Kg
95-57-8	2-Chlorophenol	89.8	U	89.8	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	90.9	U	90.9	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	92.4	U	92.4	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93	U	93	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.2	U	89.2	290	350	ug/Kg
95-48-7	2-Methylphenol	86.6	U	86.6	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.7	U	97.7	140	180	ug/Kg
98-86-2	Acetophenone	93.4	U	93.4	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.8	U	85.8	290	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.3	U	43.3	86	86	ug/Kg
67-72-1	Hexachloroethane	89.2	U	89.2	140	180	ug/Kg
98-95-3	Nitrobenzene	97.6	U	97.6	140	180	ug/Kg
78-59-1	Isophorone	90.9	U	90.9	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.2	U	92.2	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.2	U	81.2	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	91.8	U	91.8	140	180	ug/Kg
65-85-0	Benzoic acid	250	U	250	290	350	ug/Kg
91-20-3	Naphthalene	88.8	U	88.8	140	180	ug/Kg
106-47-8	4-Chloroaniline	88.8	U	88.8	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.5	U	89.5	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-4	SDG No.:	BF112024
Lab Sample ID:	P4822-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF140517.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.3	U	93.3	290	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.3	U	83.3	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.7	U	88.7	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.8	U	76.8	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.5	U	79.5	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94	U	94	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.5	U	89.5	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	87.8	U	87.8	140	180	ug/Kg
208-96-8	Acenaphthylene	93	U	93	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.4	U	89.4	140	180	ug/Kg
99-09-2	3-Nitroaniline	95.9	U	95.9	140	180	ug/Kg
83-32-9	Acenaphthene	87.2	U	87.2	140	180	ug/Kg
Total PAH	Total PAH	1424.6	U	1424.6	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	90.7	U	90.7	140	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.7	U	92.7	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	82.1	U	182.1	140	360	ug/Kg
84-66-2	Diethylphthalate	86.1	U	86.1	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92	U	92	140	180	ug/Kg
86-73-7	Fluorene	91.9	U	91.9	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.7	U	87.7	140	180	ug/Kg
103-33-3	Azobenzene	85.6	U	85.6	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.8	U	84.8	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.4	U	91.4	140	180	ug/Kg
1912-24-9	Atrazine	98.3	U	98.3	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-4	SDG No.:	BF112024
Lab Sample ID:	P4822-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF140517.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.1	U	83.1	290	350	ug/Kg
85-01-8	Phenanthrene	130	J	90.3	140	180	ug/Kg
120-12-7	Anthracene	90.7	U	90.7	140	180	ug/Kg
86-74-8	Carbazole	86.3	U	86.3	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.6	U	90.6	140	180	ug/Kg
206-44-0	Fluoranthene	220		87.8	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	350	ug/Kg
129-00-0	Pyrene	190		89.2	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	350	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	86.8	140	180	ug/Kg
218-01-9	Chrysene	100	J	85.5	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.8	U	97.8	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	87.2	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.8	U	88.8	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	U	84	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.3	U	87.3	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.1	U	86.1	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.3	U	93.3	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	80.3	U	80.3	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	89.4	U	89.4	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	84.981		18-112		57	SPK: -150
13127-88-3	Phenol-d6	76.311		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	60.493		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	70.981		20-109		71	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-4	SDG No.:	BF112024
Lab Sample ID:	P4822-08	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.1
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
BF140517.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	89.88		10-116		60	SPK: -150
1718-51-0	Terphenyl-d14	66.428		10-105		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96480	6.875				
1146-65-2	Naphthalene-d8	314709	8.151				
15067-26-2	Acenaphthene-d10	146621	9.91				
1517-22-2	Phenanthrene-d10	284987	11.398				
1719-03-5	Chrysene-d12	192365	14.045				
1520-96-3	Perylene-d12	146314	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J			2.134	
000119-61-9	Benzophenone	390	J			10.622	
000057-10-3	n-Hexadecanoic acid	510	J			11.922	
000057-11-4	Octadecanoic acid	150	J			12.71	
018435-45-5	1-Nonadecene	200	J			13.892	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BF112024
Lab Sample ID:	P4822-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140518.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	93.8	U	93.8	290	360	ug/Kg
110-86-1	Pyridine	86.4	U	86.4	140	180	ug/Kg
100-52-7	Benzaldehyde	200	U	200	290	360	ug/Kg
62-53-3	Aniline	100	U	100	140	180	ug/Kg
108-95-2	Phenol	89.6	U	89.6	140	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.5	U	90.5	140	180	ug/Kg
95-57-8	2-Chlorophenol	90.3	U	90.3	140	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	91.5	U	91.5	140	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	93	U	93	140	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.5	U	93.5	140	180	ug/Kg
100-51-6	Benzyl Alcohol	89.7	U	89.7	290	360	ug/Kg
95-48-7	2-Methylphenol	87.1	U	87.1	140	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.3	U	98.3	140	180	ug/Kg
98-86-2	Acetophenone	94	U	94	140	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.3	U	86.3	290	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.6	U	43.6	86.5	86.5	ug/Kg
67-72-1	Hexachloroethane	89.7	U	89.7	140	180	ug/Kg
98-95-3	Nitrobenzene	98.2	U	98.2	140	180	ug/Kg
78-59-1	Isophorone	91.5	U	91.5	140	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.8	U	92.8	140	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.6	U	81.6	140	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	92.3	U	92.3	140	180	ug/Kg
65-85-0	Benzoic acid	260	U	260	290	360	ug/Kg
91-20-3	Naphthalene	89.3	U	89.3	140	180	ug/Kg
106-47-8	4-Chloroaniline	89.3	U	89.3	140	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.1	U	90.1	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BF112024
Lab Sample ID:	P4822-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140518.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	93.8	U	93.8	290	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.8	U	83.8	140	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.2	U	89.2	140	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	290	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.2	U	77.2	140	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	140	180	ug/Kg
92-52-4	1,1-Biphenyl	94.5	U	94.5	140	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.1	U	90.1	140	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	140	180	ug/Kg
131-11-3	Dimethylphthalate	88.3	U	88.3	140	180	ug/Kg
208-96-8	Acenaphthylene	93.5	U	93.5	140	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	140	180	ug/Kg
99-09-2	3-Nitroaniline	96.4	U	96.4	140	180	ug/Kg
83-32-9	Acenaphthene	87.7	U	87.7	140	180	ug/Kg
Total PAH	Total PAH	1432.1	U	1432.1	140	2880	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	290	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	290	360	ug/Kg
132-64-9	Dibenzofuran	91.3	U	91.3	140	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83.2	U	183.2	140	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.2	U	93.2	140	180	ug/Kg
84-66-2	Diethylphthalate	86.6	U	86.6	140	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.5	U	92.5	140	180	ug/Kg
86-73-7	Fluorene	92.4	U	92.4	140	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	290	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.2	U	88.2	140	180	ug/Kg
103-33-3	Azobenzene	86.1	U	86.1	140	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.3	U	85.3	140	180	ug/Kg
118-74-1	Hexachlorobenzene	91.9	U	91.9	140	180	ug/Kg
1912-24-9	Atrazine	98.8	U	98.8	140	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BF112024
Lab Sample ID:	P4822-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140518.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	83.6	U	83.6	290	360	ug/Kg
85-01-8	Phenanthrene	90.8	U	90.8	140	180	ug/Kg
120-12-7	Anthracene	91.3	U	91.3	140	180	ug/Kg
86-74-8	Carbazole	86.8	U	86.8	140	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.1	U	91.1	140	180	ug/Kg
206-44-0	Fluoranthene	140	J	88.3	140	180	ug/Kg
92-87-5	Benzidine	180	U	180	290	360	ug/Kg
129-00-0	Pyrene	170	J	89.7	140	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	140	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	290	360	ug/Kg
56-55-3	Benzo(a)anthracene	98.1	J	87.3	140	180	ug/Kg
218-01-9	Chrysene	100	J	86	140	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.4	U	98.4	140	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	290	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	87.7	140	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	89.3	U	89.3	140	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.4	U	84.4	140	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.8	U	87.8	140	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.6	U	86.6	140	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.8	U	93.8	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	80.8	U	80.8	140	180	ug/Kg
90-12-0	1-Methylnaphthalene	90	U	90	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.944		18-112		53	SPK: -150
13127-88-3	Phenol-d6	71.071		15-107		47	SPK: -150
4165-60-0	Nitrobenzene-d5	57.06		18-107		57	SPK: -100
321-60-8	2-Fluorobiphenyl	66.609		20-109		67	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-1	SDG No.:	BF112024
Lab Sample ID:	P4822-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	7.6
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
BF140518.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	85.493		10-116		57	SPK: -150
1718-51-0	Terphenyl-d14	62.739		10-105		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66956	6.875				
1146-65-2	Naphthalene-d8	215841	8.151				
15067-26-2	Acenaphthene-d10	100423	9.91				
1517-22-2	Phenanthrene-d10	192326	11.398				
1719-03-5	Chrysene-d12	128755	14.045				
1520-96-3	Perylene-d12	95058	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.14	
000119-61-9	Benzophenone	370	J			10.622	
000057-10-3	n-Hexadecanoic acid	410	J			11.922	
001002-84-2	Pentadecanoic acid	78.9	J			12.71	

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BF112024
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140519.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	96.6	U	96.6	300	370	ug/Kg
110-86-1	Pyridine	88.9	U	88.9	140	190	ug/Kg
100-52-7	Benzaldehyde	200	U	200	300	370	ug/Kg
62-53-3	Aniline	110	U	110	140	190	ug/Kg
108-95-2	Phenol	92.3	U	92.3	140	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.2	U	93.2	140	190	ug/Kg
95-57-8	2-Chlorophenol	92.9	U	92.9	140	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	94.2	U	94.2	140	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	95.7	U	95.7	140	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	96.3	U	96.3	140	190	ug/Kg
100-51-6	Benzyl Alcohol	92.4	U	92.4	300	370	ug/Kg
95-48-7	2-Methylphenol	89.7	U	89.7	140	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	190	ug/Kg
98-86-2	Acetophenone	96.7	U	96.7	140	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.8	U	88.8	300	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	44.9	89	89	ug/Kg
67-72-1	Hexachloroethane	92.4	U	92.4	140	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	190	ug/Kg
78-59-1	Isophorone	94.2	U	94.2	140	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	140	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	140	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.5	U	95.5	140	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84	U	84	140	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	95	U	95	140	190	ug/Kg
65-85-0	Benzoic acid	260	U	260	300	370	ug/Kg
91-20-3	Naphthalene	91.9	U	91.9	140	190	ug/Kg
106-47-8	4-Chloroaniline	91.9	U	91.9	140	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.7	U	92.7	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BF112024
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140519.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	96.6	U	96.6	300	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.3	U	86.3	140	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.8	U	91.8	140	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	300	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.5	U	79.5	140	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.4	U	82.4	140	190	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	140	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.7	U	92.7	140	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	140	190	ug/Kg
131-11-3	Dimethylphthalate	90.9	U	90.9	140	190	ug/Kg
208-96-8	Acenaphthylene	96.3	U	96.3	140	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.6	U	92.6	140	190	ug/Kg
99-09-2	3-Nitroaniline	99.3	U	99.3	140	190	ug/Kg
83-32-9	Acenaphthene	90.3	U	90.3	140	190	ug/Kg
Total PAH	Total PAH	1471.3	U	1471.3	140	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	300	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	300	370	ug/Kg
132-64-9	Dibenzofuran	93.9	U	93.9	140	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	188.5	U	188.5	140	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.9	U	95.9	140	190	ug/Kg
84-66-2	Diethylphthalate	89.1	U	89.1	140	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.3	U	95.3	140	190	ug/Kg
86-73-7	Fluorene	95.2	U	95.2	140	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	140	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	300	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.8	U	90.8	140	190	ug/Kg
103-33-3	Azobenzene	88.6	U	88.6	140	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.8	U	87.8	140	190	ug/Kg
118-74-1	Hexachlorobenzene	94.6	U	94.6	140	190	ug/Kg
1912-24-9	Atrazine	100	U	100	140	190	ug/Kg

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BF112024
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140519.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	86	U	86	300	370	ug/Kg
85-01-8	Phenanthrene	93.5	U	93.5	140	190	ug/Kg
120-12-7	Anthracene	93.9	U	93.9	140	190	ug/Kg
86-74-8	Carbazole	89.4	U	89.4	140	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.8	U	93.8	140	190	ug/Kg
206-44-0	Fluoranthene	90.9	U	90.9	140	190	ug/Kg
92-87-5	Benzidine	180	U	180	300	370	ug/Kg
129-00-0	Pyrene	92.4	U	92.4	140	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	140	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	300	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.8	U	89.8	140	190	ug/Kg
218-01-9	Chrysene	88.5	U	88.5	140	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	140	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	300	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.3	U	90.3	140	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	91.9	U	91.9	140	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	140	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.9	U	86.9	140	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.4	U	90.4	140	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.1	U	89.1	140	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.6	U	96.6	140	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	140	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.1	U	83.1	140	190	ug/Kg
90-12-0	1-Methylnaphthalene	92.6	U	92.6	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	78.488		18-112		52	SPK: -150
13127-88-3	Phenol-d6	69.11		15-107		46	SPK: -150
4165-60-0	Nitrobenzene-d5	56.193		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	62.026		20-109		62	SPK: -100

Report of Analysis

Client:		Date Collected:	11/12/2024 12:00:00 AM
Project:		Date Received:	11/12/2024 12:00:00 AM
Client Sample ID:	SOIL-2	SDG No.:	BF112024
Lab Sample ID:	P4822-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.3
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
BF140519.D	1	11/13/2024 12:00:00 AM	11/20/2024 12:00:00 AM	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	87.266		10-116		58	SPK: -150
1718-51-0	Terphenyl-d14	62.302		10-105		62	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70010	6.875				
1146-65-2	Naphthalene-d8	219983	8.151				
15067-26-2	Acenaphthene-d10	109485	9.91				
1517-22-2	Phenanthrene-d10	221356	11.398				
1719-03-5	Chrysene-d12	149187	14.045				
1520-96-3	Perylene-d12	109501	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1900	J			2.14	
000119-61-9	Benzophenone	480	J			10.622	
000057-10-3	n-Hexadecanoic acid	430	J			11.922	
1000155-85-3	Cyclohexadecane, 1,2-diethyl-	140	J			13.886	
000112-95-8	Eicosane	250	J			15.157	

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	MH-760	SDG No.:	BF112024
Lab Sample ID:	P4887-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	50.05	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
BF140520.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	59	U	59	180	220	ug/Kg
110-86-1	Pyridine	54.3	U	54.3	88.3	120	ug/Kg
100-52-7	Benzaldehyde	120	U	120	180	220	ug/Kg
62-53-3	Aniline	65.9	U	65.9	88.3	120	ug/Kg
108-95-2	Phenol	56.3	U	56.3	88.3	120	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56.9	U	56.9	88.3	120	ug/Kg
95-57-8	2-Chlorophenol	56.7	U	56.7	88.3	120	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.5	U	57.5	88.3	120	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.4	U	58.4	88.3	120	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.8	U	58.8	88.3	120	ug/Kg
100-51-6	Benzyl Alcohol	56.4	U	56.4	180	220	ug/Kg
95-48-7	2-Methylphenol	54.8	U	54.8	88.3	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61.8	U	61.8	88.3	120	ug/Kg
98-86-2	Acetophenone	59.1	U	59.1	88.3	120	ug/Kg
65794-96-9	3+4-Methylphenols	54.2	U	54.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	27.4	U	27.4	54.4	54.4	ug/Kg
67-72-1	Hexachloroethane	56.4	U	56.4	88.3	120	ug/Kg
98-95-3	Nitrobenzene	61.7	U	61.7	88.3	120	ug/Kg
78-59-1	Isophorone	57.5	U	57.5	88.3	120	ug/Kg
88-75-5	2-Nitrophenol	64.2	U	64.2	88.3	120	ug/Kg
105-67-9	2,4-Dimethylphenol	63.3	U	63.3	88.3	120	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58.3	U	58.3	88.3	120	ug/Kg
120-83-2	2,4-Dichlorophenol	51.3	U	51.3	88.3	120	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	58	U	58	88.3	120	ug/Kg
65-85-0	Benzoic acid	160	U	160	180	220	ug/Kg
91-20-3	Naphthalene	56.1	U	56.1	88.3	120	ug/Kg
106-47-8	4-Chloroaniline	56.1	U	56.1	88.3	120	ug/Kg
87-68-3	Hexachlorobutadiene	56.6	U	56.6	88.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	MH-760	SDG No.:	BF112024
Lab Sample ID:	P4887-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	50.05	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
BF140520.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	59	U	59	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52.7	U	52.7	88.3	120	ug/Kg
91-57-6	2-Methylnaphthalene	56.1	U	56.1	88.3	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48.5	U	48.5	88.3	120	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50.3	U	50.3	88.3	120	ug/Kg
92-52-4	1,1-Biphenyl	59.4	U	59.4	88.3	120	ug/Kg
91-58-7	2-Chloronaphthalene	56.6	U	56.6	88.3	120	ug/Kg
88-74-4	2-Nitroaniline	64.6	U	64.6	88.3	120	ug/Kg
131-11-3	Dimethylphthalate	55.5	U	55.5	88.3	120	ug/Kg
208-96-8	Acenaphthylene	58.8	U	58.8	88.3	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	56.5	U	56.5	88.3	120	ug/Kg
99-09-2	3-Nitroaniline	60.6	U	60.6	88.3	120	ug/Kg
83-32-9	Acenaphthene	55.1	U	55.1	88.3	120	ug/Kg
Total PAH	Total PAH	900.4	U	900.4	88.3	1920	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	180	220	ug/Kg
100-02-7	4-Nitrophenol	78.8	U	78.8	180	220	ug/Kg
132-64-9	Dibenzofuran	57.4	U	57.4	88.3	120	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	15.1	U	115.1	88.3	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	58.6	U	58.6	88.3	120	ug/Kg
84-66-2	Diethylphthalate	54.4	U	54.4	88.3	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58.2	U	58.2	88.3	120	ug/Kg
86-73-7	Fluorene	58.1	U	58.1	88.3	120	ug/Kg
100-01-6	4-Nitroaniline	72.7	U	72.7	88.3	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	79.5	U	79.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	55.5	U	55.5	88.3	120	ug/Kg
103-33-3	Azobenzene	54.1	U	54.1	88.3	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53.6	U	53.6	88.3	120	ug/Kg
118-74-1	Hexachlorobenzene	57.8	U	57.8	88.3	120	ug/Kg
1912-24-9	Atrazine	62.1	U	62.1	88.3	120	ug/Kg

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	MH-760	SDG No.:	BF112024
Lab Sample ID:	P4887-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	50.05	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
BF140520.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	52.5	U	52.5	180	220	ug/Kg
85-01-8	Phenanthrene	57.1	U	57.1	88.3	120	ug/Kg
120-12-7	Anthracene	57.4	U	57.4	88.3	120	ug/Kg
86-74-8	Carbazole	54.6	U	54.6	88.3	120	ug/Kg
84-74-2	Di-n-butylphthalate	57.3	U	57.3	88.3	120	ug/Kg
206-44-0	Fluoranthene	96.3	J	55.5	88.3	120	ug/Kg
92-87-5	Benzidine	110	U	110	180	220	ug/Kg
129-00-0	Pyrene	71.4	J	56.4	88.3	120	ug/Kg
85-68-7	Butylbenzylphthalate	65.8	U	65.8	88.3	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	54.8	U	54.8	88.3	120	ug/Kg
218-01-9	Chrysene	54	U	54	88.3	120	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61.8	U	61.8	88.3	120	ug/Kg
117-84-0	Di-n-octyl phthalate	74.8	U	74.8	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	57.1	J	55.1	88.3	120	ug/Kg
207-08-9	Benzo(k)fluoranthene	56.1	U	56.1	88.3	120	ug/Kg
50-32-8	Benzo(a)pyrene	63.2	U	63.2	88.3	120	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	53.1	U	53.1	88.3	120	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55.2	U	55.2	88.3	120	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54.4	U	54.4	88.3	120	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	88.3	120	ug/Kg
123-91-1	1,4-Dioxane	74.8	U	74.8	88.3	120	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50.8	U	50.8	88.3	120	ug/Kg
90-12-0	1-Methylnaphthalene	56.5	U	56.5	120	120	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	63.814		18-112		43	SPK: -150
13127-88-3	Phenol-d6	57.763		15-107		39	SPK: -150
4165-60-0	Nitrobenzene-d5	42.518		18-107		43	SPK: -100
321-60-8	2-Fluorobiphenyl	49.353		20-109		49	SPK: -100

Report of Analysis

Client:		Date Collected:	11/15/2024 12:00:00 AM
Project:		Date Received:	11/15/2024 12:00:00 AM
Client Sample ID:	MH-760	SDG No.:	BF112024
Lab Sample ID:	P4887-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	11.8
Sample Wt/Vol:	50.05	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
BF140520.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	66.987		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	41.175		10-105		41	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69026	6.875				
1146-65-2	Naphthalene-d8	234123	8.157				
15067-26-2	Acenaphthene-d10	112914	9.91				
1517-22-2	Phenanthrene-d10	223703	11.398				
1719-03-5	Chrysene-d12	191311	14.045				
1520-96-3	Perylene-d12	143350	15.533				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			2.134	
	unknown9.998	81.3	J			9.998	
000119-61-9	Benzophenone	91.1	J			10.622	
000057-10-3	n-Hexadecanoic acid	83.1	J			11.922	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-001	SDG No.:	BF112024
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140521.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.6	U	89.6	280	340	ug/Kg
110-86-1	Pyridine	82.5	U	82.5	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	85.6	U	85.6	130	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.4	U	86.4	130	180	ug/Kg
95-57-8	2-Chlorophenol	86.2	U	86.2	130	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.3	U	87.3	130	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.8	U	88.8	130	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.3	U	89.3	130	180	ug/Kg
100-51-6	Benzyl Alcohol	85.7	U	85.7	280	340	ug/Kg
95-48-7	2-Methylphenol	83.2	U	83.2	130	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.8	U	93.8	130	180	ug/Kg
98-86-2	Acetophenone	89.7	U	89.7	130	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.4	U	82.4	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.6	U	41.6	82.6	82.6	ug/Kg
67-72-1	Hexachloroethane	85.7	U	85.7	130	180	ug/Kg
98-95-3	Nitrobenzene	93.7	U	93.7	130	180	ug/Kg
78-59-1	Isophorone	87.3	U	87.3	130	180	ug/Kg
88-75-5	2-Nitrophenol	97.6	U	97.6	130	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96.2	U	96.2	130	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.6	U	88.6	130	180	ug/Kg
120-83-2	2,4-Dichlorophenol	77.9	U	77.9	130	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.2	U	88.2	130	180	ug/Kg
65-85-0	Benzoic acid	240	U	240	280	340	ug/Kg
91-20-3	Naphthalene	85.3	U	85.3	130	180	ug/Kg
106-47-8	4-Chloroaniline	85.3	U	85.3	130	180	ug/Kg
87-68-3	Hexachlorobutadiene	86	U	86	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-001	SDG No.:	BF112024
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140521.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	89.6	U	89.6	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.2	U	85.2	130	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.7	U	73.7	130	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.4	U	76.4	130	180	ug/Kg
92-52-4	1,1-Biphenyl	90.2	U	90.2	130	180	ug/Kg
91-58-7	2-Chloronaphthalene	86	U	86	130	180	ug/Kg
88-74-4	2-Nitroaniline	98.1	U	98.1	130	180	ug/Kg
131-11-3	Dimethylphthalate	84.3	U	84.3	130	180	ug/Kg
208-96-8	Acenaphthylene	89.3	U	89.3	130	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	85.9	U	85.9	130	180	ug/Kg
99-09-2	3-Nitroaniline	92.1	U	92.1	130	180	ug/Kg
83-32-9	Acenaphthene	83.7	U	83.7	130	180	ug/Kg
Total PAH	Total PAH	1367.9	U	1367.9	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	87.1	U	87.1	130	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	89	U	89	130	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	74.9	U	174.9	130	360	ug/Kg
84-66-2	Diethylphthalate	82.7	U	82.7	130	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.4	U	88.4	130	180	ug/Kg
86-73-7	Fluorene	88.3	U	88.3	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	84.2	U	84.2	130	180	ug/Kg
103-33-3	Azobenzene	82.2	U	82.2	130	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.5	U	81.5	130	180	ug/Kg
118-74-1	Hexachlorobenzene	87.8	U	87.8	130	180	ug/Kg
1912-24-9	Atrazine	94.4	U	94.4	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-001	SDG No.:	BF112024
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140521.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.8	U	79.8	280	340	ug/Kg
85-01-8	Phenanthrene	86.7	U	86.7	130	180	ug/Kg
120-12-7	Anthracene	87.1	U	87.1	130	180	ug/Kg
86-74-8	Carbazole	82.9	U	82.9	130	180	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	130	180	ug/Kg
206-44-0	Fluoranthene	84.3	U	84.3	130	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	85.7	U	85.7	130	180	ug/Kg
85-68-7	Butylbenzylphthalate	99.9	U	99.9	130	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	83.3	U	83.3	130	180	ug/Kg
218-01-9	Chrysene	82.1	U	82.1	130	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	480		93.9	130	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.7	U	83.7	130	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.3	U	85.3	130	180	ug/Kg
50-32-8	Benzo(a)pyrene	96	U	96	130	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.6	U	80.6	130	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.8	U	83.8	130	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.7	U	82.7	130	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.6	U	89.6	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	77.1	U	77.1	130	180	ug/Kg
90-12-0	1-Methylnaphthalene	85.9	U	85.9	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100.661		18-112		67	SPK: -150
13127-88-3	Phenol-d6	89.863		15-107		60	SPK: -150
4165-60-0	Nitrobenzene-d5	74.262		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	83.754		20-109		84	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-001	SDG No.:	BF112024
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140521.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	116.435		10-116		78	SPK: -150
1718-51-0	Terphenyl-d14	82.57		10-105		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59598	6.875				
1146-65-2	Naphthalene-d8	191112	8.151				
15067-26-2	Acenaphthene-d10	92553	9.91				
1517-22-2	Phenanthrene-d10	183658	11.398				
1719-03-5	Chrysene-d12	124900	14.045				
1520-96-3	Perylene-d12	92662	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.14	
000057-10-3	n-Hexadecanoic acid	560	J			11.922	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	230	J			12.339	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	820	J			12.651	
000112-95-8	Eicosane	190	J			12.851	
000483-65-8	Retene	190	J			13.122	
000629-94-7	Heneicosane	290	J			13.21	
1000406-31-9	Docosane, 1-iodo-	460	J			13.551	
028336-57-4	Cyclohexane, 1,3,5-triphenyl-	680	J			13.845	
000629-92-5	Nonadecane	820	J			13.88	
1000120-80-7	Methadone N-oxide	410	J			14.175	
1000406-32-0	Tetracosane, 1-iodo-	1000	J			14.204	
000593-49-7	Heptacosane	720	J			14.51	
013187-99-0	2-Bromo dodecane	510	J			14.822	
007683-64-9	Supraene	310	J			14.898	
019218-94-1	Tetradecane, 1-iodo-	500	J			15.163	
007225-64-1	Heptadecane, 9-octyl-	280	J			15.998	
000360-68-9	Cholestan-3-ol, (3.beta.,5.beta.)-	1400	J			16.263	
1010210-43-4	Cholestan-2-one	1900	J			16.462	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-001	SDG No.:	BF112024
Lab Sample ID:	P4860-02	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140521.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000210-86-9	17-(1,5-Dimethylhexyl)-10,13-dimet	460	J			17.674	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-002	SDG No.:	BF112024
Lab Sample ID:	P4860-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BF140522.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.7	U	89.7	280	340	ug/Kg
110-86-1	Pyridine	82.6	U	82.6	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	85.7	U	85.7	130	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.5	U	86.5	130	180	ug/Kg
95-57-8	2-Chlorophenol	86.3	U	86.3	130	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.4	U	87.4	130	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.9	U	88.9	130	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.4	U	89.4	130	180	ug/Kg
100-51-6	Benzyl Alcohol	85.8	U	85.8	280	340	ug/Kg
95-48-7	2-Methylphenol	83.3	U	83.3	130	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.9	U	93.9	130	180	ug/Kg
98-86-2	Acetophenone	89.8	U	89.8	130	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.5	U	82.5	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.6	U	41.6	82.7	82.7	ug/Kg
67-72-1	Hexachloroethane	85.8	U	85.8	130	180	ug/Kg
98-95-3	Nitrobenzene	93.8	U	93.8	130	180	ug/Kg
78-59-1	Isophorone	87.4	U	87.4	130	180	ug/Kg
88-75-5	2-Nitrophenol	97.7	U	97.7	130	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96.3	U	96.3	130	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.7	U	88.7	130	180	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	130	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.3	U	88.3	130	180	ug/Kg
65-85-0	Benzoic acid	240	U	240	280	340	ug/Kg
91-20-3	Naphthalene	85.4	U	85.4	130	180	ug/Kg
106-47-8	4-Chloroaniline	85.4	U	85.4	130	180	ug/Kg
87-68-3	Hexachlorobutadiene	86.1	U	86.1	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-002	SDG No.:	BF112024
Lab Sample ID:	P4860-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BF140522.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	89.7	U	89.7	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80.1	U	80.1	130	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.3	U	85.3	130	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.8	U	73.8	130	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.5	U	76.5	130	180	ug/Kg
92-52-4	1,1-Biphenyl	90.3	U	90.3	130	180	ug/Kg
91-58-7	2-Chloronaphthalene	86.1	U	86.1	130	180	ug/Kg
88-74-4	2-Nitroaniline	98.2	U	98.2	130	180	ug/Kg
131-11-3	Dimethylphthalate	84.4	U	84.4	130	180	ug/Kg
208-96-8	Acenaphthylene	89.4	U	89.4	130	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	86	U	86	130	180	ug/Kg
99-09-2	3-Nitroaniline	92.2	U	92.2	130	180	ug/Kg
83-32-9	Acenaphthene	83.8	U	83.8	130	180	ug/Kg
Total PAH	Total PAH	1369.5	U	1369.5	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	87.2	U	87.2	130	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	75.1	U	175.1	130	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	89.1	U	89.1	130	180	ug/Kg
84-66-2	Diethylphthalate	82.8	U	82.8	130	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.5	U	88.5	130	180	ug/Kg
86-73-7	Fluorene	88.4	U	88.4	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	84.3	U	84.3	130	180	ug/Kg
103-33-3	Azobenzene	82.3	U	82.3	130	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.5	U	81.5	130	180	ug/Kg
118-74-1	Hexachlorobenzene	87.8	U	87.8	130	180	ug/Kg
1912-24-9	Atrazine	94.5	U	94.5	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-002	SDG No.:	BF112024
Lab Sample ID:	P4860-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BF140522.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.9	U	79.9	280	340	ug/Kg
85-01-8	Phenanthrene	86.8	U	86.8	130	180	ug/Kg
120-12-7	Anthracene	87.2	U	87.2	130	180	ug/Kg
86-74-8	Carbazole	83	U	83	130	180	ug/Kg
84-74-2	Di-n-butylphthalate	87.1	U	87.1	130	180	ug/Kg
206-44-0	Fluoranthene	84.4	U	84.4	130	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	85.8	U	85.8	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	83.4	U	83.4	130	180	ug/Kg
218-01-9	Chrysene	82.2	U	82.2	130	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	94	130	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.8	U	83.8	130	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.4	U	85.4	130	180	ug/Kg
50-32-8	Benzo(a)pyrene	96.1	U	96.1	130	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.7	U	80.7	130	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.9	U	83.9	130	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.8	U	82.8	130	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.7	U	89.7	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	77.2	U	77.2	130	180	ug/Kg
90-12-0	1-Methylnaphthalene	86	U	86	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	109.325		18-112		73	SPK: -150
13127-88-3	Phenol-d6	96.573		15-107		64	SPK: -150
4165-60-0	Nitrobenzene-d5	78.027		18-107		78	SPK: -100
321-60-8	2-Fluorobiphenyl	89.801		20-109		90	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-002	SDG No.:	BF112024
Lab Sample ID:	P4860-03	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.4
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
BF140522.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	123.107		10-116		82	SPK: -150
1718-51-0	Terphenyl-d14	87.618		10-105		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63329	6.875				
1146-65-2	Naphthalene-d8	204737	8.151				
15067-26-2	Acenaphthene-d10	97802	9.91				
1517-22-2	Phenanthrene-d10	194572	11.398				
1719-03-5	Chrysene-d12	127683	14.045				
1520-96-3	Perylene-d12	95290	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	2000	J			2.152	
000119-61-9	Benzophenone	520	J			10.622	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	160	J			10.933	
000057-10-3	n-Hexadecanoic acid	380	J			11.922	
1000197-14-1	4b,8-Dimethyl-2-isopropylphenanthr	73	J			12.339	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	120	J			12.651	
000057-11-4	Octadecanoic acid	87.8	J			12.71	
000295-65-8	Cyclohexadecane	230	J			13.886	
000593-45-3	Octadecane	71	J			14.51	
000111-02-4	Squalene	160	J			14.892	
000629-94-7	Heneicosane	170	J			15.157	
000516-92-7	Cholestan-3-ol, (3.alpha.,5.beta.)	490	J			16.262	
1010210-43-4	Cholestan-2-one	460	J			16.451	

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-008	SDG No.:	BF112024
Lab Sample ID:	P4860-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140523.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	89.6	U	89.6	280	340	ug/Kg
110-86-1	Pyridine	82.4	U	82.4	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	85.5	U	85.5	130	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	86.4	U	86.4	130	180	ug/Kg
95-57-8	2-Chlorophenol	86.1	U	86.1	130	180	ug/Kg
95-50-1	1,2-Dichlorobenzene	87.3	U	87.3	130	180	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.7	U	88.7	130	180	ug/Kg
106-46-7	1,4-Dichlorobenzene	89.2	U	89.2	130	180	ug/Kg
100-51-6	Benzyl Alcohol	85.6	U	85.6	280	340	ug/Kg
95-48-7	2-Methylphenol	83.2	U	83.2	130	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93.8	U	93.8	130	180	ug/Kg
98-86-2	Acetophenone	89.7	U	89.7	130	180	ug/Kg
65794-96-9	3+4-Methylphenols	82.3	U	82.3	280	340	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	41.6	U	41.6	82.5	82.5	ug/Kg
67-72-1	Hexachloroethane	85.6	U	85.6	130	180	ug/Kg
98-95-3	Nitrobenzene	93.7	U	93.7	130	180	ug/Kg
78-59-1	Isophorone	87.3	U	87.3	130	180	ug/Kg
88-75-5	2-Nitrophenol	97.5	U	97.5	130	180	ug/Kg
105-67-9	2,4-Dimethylphenol	96.2	U	96.2	130	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	88.5	U	88.5	130	180	ug/Kg
120-83-2	2,4-Dichlorophenol	77.9	U	77.9	130	180	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.1	U	88.1	130	180	ug/Kg
65-85-0	Benzoic acid	240	U	240	280	340	ug/Kg
91-20-3	Naphthalene	85.2	U	85.2	130	180	ug/Kg
106-47-8	4-Chloroaniline	85.2	U	85.2	130	180	ug/Kg
87-68-3	Hexachlorobutadiene	85.9	U	85.9	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-008	SDG No.:	BF112024
Lab Sample ID:	P4860-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140523.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	89.6	U	89.6	280	340	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	130	180	ug/Kg
91-57-6	2-Methylnaphthalene	85.1	U	85.1	130	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	280	340	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73.7	U	73.7	130	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	76.3	U	76.3	130	180	ug/Kg
92-52-4	1,1-Biphenyl	90.2	U	90.2	130	180	ug/Kg
91-58-7	2-Chloronaphthalene	85.9	U	85.9	130	180	ug/Kg
88-74-4	2-Nitroaniline	98	U	98	130	180	ug/Kg
131-11-3	Dimethylphthalate	84.3	U	84.3	130	180	ug/Kg
208-96-8	Acenaphthylene	89.2	U	89.2	130	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	85.8	U	85.8	130	180	ug/Kg
99-09-2	3-Nitroaniline	92	U	92	130	180	ug/Kg
83-32-9	Acenaphthene	83.7	U	83.7	130	180	ug/Kg
Total PAH	Total PAH	1367.1	U	1367.1	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	87.1	U	87.1	130	180	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	74.7	U	174.7	130	360	ug/Kg
121-14-2	2,4-Dinitrotoluene	88.9	U	88.9	130	180	ug/Kg
84-66-2	Diethylphthalate	82.6	U	82.6	130	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	88.3	U	88.3	130	180	ug/Kg
86-73-7	Fluorene	88.2	U	88.2	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	84.2	U	84.2	130	180	ug/Kg
103-33-3	Azobenzene	82.1	U	82.1	130	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	81.4	U	81.4	130	180	ug/Kg
118-74-1	Hexachlorobenzene	87.7	U	87.7	130	180	ug/Kg
1912-24-9	Atrazine	94.3	U	94.3	130	180	ug/Kg

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-008	SDG No.:	BF112024
Lab Sample ID:	P4860-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140523.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	79.7	U	79.7	280	340	ug/Kg
85-01-8	Phenanthrene	86.7	U	86.7	130	180	ug/Kg
120-12-7	Anthracene	87.1	U	87.1	130	180	ug/Kg
86-74-8	Carbazole	82.8	U	82.8	130	180	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	130	180	ug/Kg
206-44-0	Fluoranthene	84.3	U	84.3	130	180	ug/Kg
92-87-5	Benzidine	170	U	170	280	340	ug/Kg
129-00-0	Pyrene	85.6	U	85.6	130	180	ug/Kg
85-68-7	Butylbenzylphthalate	99.9	U	99.9	130	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	280	340	ug/Kg
56-55-3	Benzo(a)anthracene	83.3	U	83.3	130	180	ug/Kg
218-01-9	Chrysene	82	U	82	130	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	93.9	U	93.9	130	180	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	280	340	ug/Kg
205-99-2	Benzo(b)fluoranthene	83.7	U	83.7	130	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	85.2	U	85.2	130	180	ug/Kg
50-32-8	Benzo(a)pyrene	95.9	U	95.9	130	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80.6	U	80.6	130	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83.8	U	83.8	130	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82.6	U	82.6	130	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.6	U	89.6	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	77.1	U	77.1	130	180	ug/Kg
90-12-0	1-Methylnaphthalene	85.8	U	85.8	180	180	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	91.652		18-112		61	SPK: -150
13127-88-3	Phenol-d6	80.755		15-107		54	SPK: -150
4165-60-0	Nitrobenzene-d5	63.795		18-107		64	SPK: -100
321-60-8	2-Fluorobiphenyl	73.305		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	11/14/2024 12:00:00 AM
Project:		Date Received:	11/14/2024 12:00:00 AM
Client Sample ID:	PH2-BOT-008	SDG No.:	BF112024
Lab Sample ID:	P4860-07	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.2
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
BF140523.D	1	11/16/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165029

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	99.451		10-116		66	SPK: -150
1718-51-0	Terphenyl-d14	71.505		10-105		72	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61383	6.875				
1146-65-2	Naphthalene-d8	200329	8.157				
15067-26-2	Acenaphthene-d10	94790	9.91				
1517-22-2	Phenanthrene-d10	188306	11.398				
1719-03-5	Chrysene-d12	131878	14.045				
1520-96-3	Perylene-d12	97046	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J			2.14	
000119-61-9	Benzophenone	510	J			10.622	
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	81.5	J			10.933	
000057-10-3	n-Hexadecanoic acid	170	J			11.922	
1000193-60-6	2,3,3-Trimethyl-2-(3-methyl-buta-1	130	J			13.757	

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-1-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.08	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
BF140524.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.4	U	54.4	170	210	ug/Kg
110-86-1	Pyridine	50.1	U	50.1	81.5	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.7	U	60.7	81.5	110	ug/Kg
108-95-2	Phenol	51.9	U	51.9	81.5	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.4	U	52.4	81.5	110	ug/Kg
95-57-8	2-Chlorophenol	52.3	U	52.3	81.5	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53	U	53	81.5	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.9	U	53.9	81.5	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.2	U	54.2	81.5	110	ug/Kg
100-51-6	Benzyl Alcohol	52	U	52	170	210	ug/Kg
95-48-7	2-Methylphenol	50.5	U	50.5	81.5	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	57	81.5	110	ug/Kg
98-86-2	Acetophenone	54.5	U	54.5	81.5	110	ug/Kg
65794-96-9	3+4-Methylphenols	50	U	50	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.3	U	25.3	50.1	50.1	ug/Kg
67-72-1	Hexachloroethane	52	U	52	81.5	110	ug/Kg
98-95-3	Nitrobenzene	56.9	U	56.9	81.5	110	ug/Kg
78-59-1	Isophorone	53	U	53	81.5	110	ug/Kg
88-75-5	2-Nitrophenol	59.2	U	59.2	81.5	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.4	U	58.4	81.5	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.8	U	53.8	81.5	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.3	U	47.3	81.5	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.5	U	53.5	81.5	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.8	U	51.8	81.5	110	ug/Kg
106-47-8	4-Chloroaniline	51.8	U	51.8	81.5	110	ug/Kg
87-68-3	Hexachlorobutadiene	52.2	U	52.2	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-1-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.08	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
BF140524.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.4	U	54.4	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.6	U	48.6	81.5	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.7	U	51.7	81.5	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.8	U	97.8	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.7	U	44.7	81.5	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.4	U	46.4	81.5	110	ug/Kg
92-52-4	1,1-Biphenyl	54.8	U	54.8	81.5	110	ug/Kg
91-58-7	2-Chloronaphthalene	52.2	U	52.2	81.5	110	ug/Kg
88-74-4	2-Nitroaniline	59.5	U	59.5	81.5	110	ug/Kg
131-11-3	Dimethylphthalate	51.2	U	51.2	81.5	110	ug/Kg
208-96-8	Acenaphthylene	54.2	U	54.2	81.5	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	52.1	U	52.1	81.5	110	ug/Kg
99-09-2	3-Nitroaniline	55.9	U	55.9	81.5	110	ug/Kg
83-32-9	Acenaphthene	50.8	U	50.8	81.5	110	ug/Kg
Total PAH	Total PAH	830.4	U	830.4	81.5	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.7	U	72.7	170	210	ug/Kg
132-64-9	Dibenzofuran	52.9	U	52.9	81.5	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	106.1	U	106.1	81.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	81.5	110	ug/Kg
84-66-2	Diethylphthalate	50.2	U	50.2	81.5	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.6	U	53.6	81.5	110	ug/Kg
86-73-7	Fluorene	53.6	U	53.6	81.5	110	ug/Kg
100-01-6	4-Nitroaniline	67	U	67	81.5	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73.3	U	73.3	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	51.1	U	51.1	81.5	110	ug/Kg
103-33-3	Azobenzene	49.9	U	49.9	81.5	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.4	U	49.4	81.5	110	ug/Kg
118-74-1	Hexachlorobenzene	53.3	U	53.3	81.5	110	ug/Kg
1912-24-9	Atrazine	57.3	U	57.3	81.5	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-1-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.08	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
BF140524.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.4	U	48.4	170	210	ug/Kg
85-01-8	Phenanthrene	52.6	U	52.6	81.5	110	ug/Kg
120-12-7	Anthracene	52.9	U	52.9	81.5	110	ug/Kg
86-74-8	Carbazole	50.3	U	50.3	81.5	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.8	U	52.8	81.5	110	ug/Kg
206-44-0	Fluoranthene	51.2	U	51.2	81.5	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	52	U	52	81.5	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.7	U	60.7	81.5	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.8	U	61.8	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	50.6	U	50.6	81.5	110	ug/Kg
218-01-9	Chrysene	49.8	U	49.8	81.5	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	81.5	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.9	U	68.9	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	50.8	U	50.8	81.5	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.8	U	51.8	81.5	110	ug/Kg
50-32-8	Benzo(a)pyrene	58.3	U	58.3	81.5	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.9	U	48.9	81.5	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.9	U	50.9	81.5	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50.2	U	50.2	81.5	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.4	U	54.4	81.5	110	ug/Kg
123-91-1	1,4-Dioxane	68.9	U	68.9	81.5	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.8	U	46.8	81.5	110	ug/Kg
90-12-0	1-Methylnaphthalene	52.1	U	52.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	94.061		18-112		63	SPK: -150
13127-88-3	Phenol-d6	84.812		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	66.013		18-107		66	SPK: -100
321-60-8	2-Fluorobiphenyl	77.194		20-109		77	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-1-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	4.4
Sample Wt/Vol:	50.08	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
BF140524.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	103.975		10-116		69	SPK: -150
1718-51-0	Terphenyl-d14	70.954		10-105		71	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63266	6.875				
1146-65-2	Naphthalene-d8	207980	8.151				
15067-26-2	Acenaphthene-d10	99169	9.91				
1517-22-2	Phenanthrene-d10	196479	11.398				
1719-03-5	Chrysene-d12	136406	14.045				
1520-96-3	Perylene-d12	99660	15.539				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	950	J			2.146	
000119-61-9	Benzophenone	210	J			10.622	
000057-10-3	n-Hexadecanoic acid	96.7	J			11.922	

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-2-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.03	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
BF140525.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	54.2	U	54.2	170	210	ug/Kg
110-86-1	Pyridine	49.9	U	49.9	81.1	110	ug/Kg
100-52-7	Benzaldehyde	110	U	110	170	210	ug/Kg
62-53-3	Aniline	60.5	U	60.5	81.1	110	ug/Kg
108-95-2	Phenol	51.7	U	51.7	81.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	52.2	U	52.2	81.1	110	ug/Kg
95-57-8	2-Chlorophenol	52.1	U	52.1	81.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	52.8	U	52.8	81.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	53.7	U	53.7	81.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54	U	54	81.1	110	ug/Kg
100-51-6	Benzyl Alcohol	51.8	U	51.8	170	210	ug/Kg
95-48-7	2-Methylphenol	50.3	U	50.3	81.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.7	U	56.7	81.1	110	ug/Kg
98-86-2	Acetophenone	54.2	U	54.2	81.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	49.8	U	49.8	170	210	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	25.1	U	25.1	49.9	49.9	ug/Kg
67-72-1	Hexachloroethane	51.8	U	51.8	81.1	110	ug/Kg
98-95-3	Nitrobenzene	56.7	U	56.7	81.1	110	ug/Kg
78-59-1	Isophorone	52.8	U	52.8	81.1	110	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	81.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	58.2	U	58.2	81.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	53.5	U	53.5	81.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	47.1	U	47.1	81.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	53.3	U	53.3	81.1	110	ug/Kg
65-85-0	Benzoic acid	150	U	150	170	210	ug/Kg
91-20-3	Naphthalene	51.5	U	51.5	81.1	110	ug/Kg
106-47-8	4-Chloroaniline	51.5	U	51.5	81.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	52	U	52	81.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-2-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.03	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
BF140525.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	54.2	U	54.2	170	210	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48.4	U	48.4	81.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	51.5	U	51.5	81.1	110	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97.3	U	97.3	170	210	ug/Kg
88-06-2	2,4,6-Trichlorophenol	44.6	U	44.6	81.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46.2	U	46.2	81.1	110	ug/Kg
92-52-4	1,1-Biphenyl	54.5	U	54.5	81.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	81.1	110	ug/Kg
88-74-4	2-Nitroaniline	59.3	U	59.3	81.1	110	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	81.1	110	ug/Kg
208-96-8	Acenaphthylene	54	U	54	81.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	51.9	U	51.9	81.1	110	ug/Kg
99-09-2	3-Nitroaniline	55.7	U	55.7	81.1	110	ug/Kg
83-32-9	Acenaphthene	50.6	U	50.6	81.1	110	ug/Kg
Total PAH	Total PAH	826.8	U	826.8	81.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	170	210	ug/Kg
100-02-7	4-Nitrophenol	72.4	U	72.4	170	210	ug/Kg
132-64-9	Dibenzofuran	52.7	U	52.7	81.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	105.7	U	105.7	81.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.8	U	53.8	81.1	110	ug/Kg
84-66-2	Diethylphthalate	50	U	50	81.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53.4	U	53.4	81.1	110	ug/Kg
86-73-7	Fluorene	53.3	U	53.3	81.1	110	ug/Kg
100-01-6	4-Nitroaniline	66.8	U	66.8	81.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	73	170	210	ug/Kg
86-30-6	n-Nitrosodiphenylamine	50.9	U	50.9	81.1	110	ug/Kg
103-33-3	Azobenzene	49.7	U	49.7	81.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49.2	U	49.2	81.1	110	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	81.1	110	ug/Kg
1912-24-9	Atrazine	57	U	57	81.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-2-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.03	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
BF140525.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	48.2	U	48.2	170	210	ug/Kg
85-01-8	Phenanthrene	62.4	J	52.4	81.1	110	ug/Kg
120-12-7	Anthracene	52.7	U	52.7	81.1	110	ug/Kg
86-74-8	Carbazole	50.1	U	50.1	81.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	52.6	U	52.6	81.1	110	ug/Kg
206-44-0	Fluoranthene	150		51	81.1	110	ug/Kg
92-87-5	Benzidine	100	U	100	170	210	ug/Kg
129-00-0	Pyrene	160		51.8	81.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	60.4	U	60.4	81.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61.5	U	61.5	170	210	ug/Kg
56-55-3	Benzo(a)anthracene	70.7	J	50.4	81.1	110	ug/Kg
218-01-9	Chrysene	94.4	J	49.6	81.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56.8	U	56.8	81.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	68.6	U	68.6	170	210	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.2	J	50.6	81.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	51.5	U	51.5	81.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	77.5	J	58	81.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48.7	U	48.7	81.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50.7	U	50.7	81.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	50	U	50	81.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54.2	U	54.2	81.1	110	ug/Kg
123-91-1	1,4-Dioxane	68.6	U	68.6	81.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46.6	U	46.6	81.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	51.9	U	51.9	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	69.4		18-112		46	SPK: -150
13127-88-3	Phenol-d6	60.713		15-107		40	SPK: -150
4165-60-0	Nitrobenzene-d5	49.252		18-107		49	SPK: -100
321-60-8	2-Fluorobiphenyl	55.126		20-109		55	SPK: -100

Report of Analysis

Client:		Date Collected:	11/18/2024 12:00:00 AM
Project:		Date Received:	11/18/2024 12:00:00 AM
Client Sample ID:	TP-2-WC	SDG No.:	BF112024
Lab Sample ID:	P4916-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	3.9
Sample Wt/Vol:	50.03	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
BF140525.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.942		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	59.569		10-105		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67130	6.875				
1146-65-2	Naphthalene-d8	212710	8.151				
15067-26-2	Acenaphthene-d10	106740	9.91				
1517-22-2	Phenanthrene-d10	216797	11.398				
1719-03-5	Chrysene-d12	130469	14.045				
1520-96-3	Perylene-d12	97922	15.545				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	570	J			2.122	
	unknown9.998	210	J			9.998	
000119-61-9	Benzophenone	190	J			10.622	
000057-10-3	n-Hexadecanoic acid	130	J			11.922	
1000210-14-8	Naphtho[1,2-b]norbornadiene	59.1	J			12.01	
000544-76-3	Hexadecane	47.4	J			12.48	
000593-45-3	Octadecane	63.2	J			13.21	
001560-97-0	Dodecane, 2-methyl-	49.3	J			13.551	
000301-02-0	9-Octadecenamide, (Z)-	280	J			14.804	

Hit Summary Sheet

SW-846

SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	B-5							
P4768-05	B-5	Solid	1-Cyclohexyl-2-methyl-prop-2-en *	180.000	J			
P4768-05	B-5	Solid	2-Decene, 4-methyl-, (Z)- *	280.000	J			
P4768-05	B-5	Solid	2-Undecene, 4-methyl- *	250.000	J			
P4768-05	B-5	Solid	4-Octene, 2,6-dimethyl-, [S-(E)]- *	490.000	J			
P4768-05	B-5	Solid	7-Tetradecyne *	170.000	J			
P4768-05	B-5	Solid	Benzophenone *	450.000	J			
P4768-05	B-5	Solid	Butane, 2-methoxy-2-methyl- *	2,100.000	J			
P4768-05	B-5	Solid	Cyclohexane, 1,1,3-trimethyl- *	230.000	J			
P4768-05	B-5	Solid	Cyclohexane, 2,4-diethyl-1-methy *	370.000	J			
P4768-05	B-5	Solid	Cyclohexane, 2-butyl-1,1,3-trimet *	370.000	J			
P4768-05	B-5	Solid	Cyclooctane, 1-methyl-3-propyl- *	160.000	J			
P4768-05	B-5	Solid	Dodecane, 2,7,10-trimethyl- *	230.000	J			
P4768-05	B-5	Solid	Ketone, methyl 2,2,3-trimethylcyc *	260.000	J			
P4768-05	B-5	Solid	Naphthalene, decahydro-2-methyl *	270.000	J			
P4768-05	B-5	Solid	trans, cis-2-Ethylbicyclo[4.4.0]de *	410.000	J			
P4768-05	B-5	Solid	trans-4a-Methyl-decahydronaphth *	270.000	J			
P4768-05	B-5	Solid	unknown6.651 *	170.000	J			
P4768-05	B-5	Solid	unknown8.022 *	180.000	J			
P4768-05	B-5	Solid	unknown8.239 *	200.000	J			
P4768-05	B-5	Solid	unknown8.833 *	280.000	J			
			Total Tics :			7,320.00		
			Total Concentration:			7,320.00		
Client ID :	SOIL-1							
P4822-02	SOIL-1	Solid	Benzophenone *	370.000	J			
P4822-02	SOIL-1	Solid	Butane, 2-methoxy-2-methyl- *	1,700.000	J			
P4822-02	SOIL-1	Solid	n-Hexadecanoic acid *	410.000	J			
P4822-02	SOIL-1	Solid	Pentadecanoic acid *	78.900	J			
			Total Tics :			2,558.90		
P4822-02	SOIL-1	Solid	Benzo(a)anthracene	98.100	J	87.3	180	ug/Kg
P4822-02	SOIL-1	Solid	Benzo(b)fluoranthene	160.000	J	87.7	180	ug/Kg
P4822-02	SOIL-1	Solid	Chrysene	100.000	J	86	180	ug/Kg
P4822-02	SOIL-1	Solid	Fluoranthene	140.000	J	88.3	180	ug/Kg
P4822-02	SOIL-1	Solid	Pyrene	170.000	J	89.7	180	ug/Kg
			Total Svoc :			668.10		
			Total Concentration:			3,227.00		

Client ID : SOIL-2

Hit Summary Sheet
SW-846

SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4822-04	SOIL-2	Solid	Benzophenone	*	480.000	J		
P4822-04	SOIL-2	Solid	Butane, 2-methoxy-2-methyl-	*	1,900.000	J		
P4822-04	SOIL-2	Solid	Cyclohexadecane, 1,2-diethyl-	*	140.000	J		
P4822-04	SOIL-2	Solid	Eicosane	*	250.000	J		
P4822-04	SOIL-2	Solid	n-Hexadecanoic acid	*	430.000	J		
Total Tics :					3,200.00			
Total Concentration:					3,200.00			
Client ID : SOIL-3								
P4822-06	SOIL-3	Solid	1-Docosene	*	260.000	J		
P4822-06	SOIL-3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	82.000	A		
P4822-06	SOIL-3	Solid	Benzophenone	*	630.000	J		
P4822-06	SOIL-3	Solid	Butane, 2-methoxy-2-methyl-	*	1,600.000	J		
P4822-06	SOIL-3	Solid	Cyclohexanol, 1-ethyl-	*	110.000	J		
P4822-06	SOIL-3	Solid	Eicosane	*	420.000	J		
P4822-06	SOIL-3	Solid	Heptadecane, 9-octyl-	*	350.000	J		
P4822-06	SOIL-3	Solid	n-Hexadecanoic acid	*	620.000	J		
P4822-06	SOIL-3	Solid	Octadecanoic acid	*	130.000	J		
P4822-06	SOIL-3	Solid	Supraene	*	360.000	J		
Total Tics :					4,562.00			
P4822-06	SOIL-3	Solid	Benzo(b)fluoranthene		89.100	J	88.7	190 ug/Kg
P4822-06	SOIL-3	Solid	Fluoranthene		140.000	J	89.4	190 ug/Kg
P4822-06	SOIL-3	Solid	Pyrene		110.000	J	90.8	190 ug/Kg
Total Svoc :					339.10			
Total Concentration:					4,901.10			
Client ID : SOIL-4								
P4822-08	SOIL-4	Solid	1-Nonadecene	*	200.000	J		
P4822-08	SOIL-4	Solid	Benzophenone	*	390.000	J		
P4822-08	SOIL-4	Solid	Butane, 2-methoxy-2-methyl-	*	1,300.000	J		
P4822-08	SOIL-4	Solid	n-Hexadecanoic acid	*	510.000	J		
P4822-08	SOIL-4	Solid	Octadecanoic acid	*	150.000	J		
Total Tics :					2,550.00			
P4822-08	SOIL-4	Solid	Benzo(a)anthracene		120.000	J	86.8	180 ug/Kg
P4822-08	SOIL-4	Solid	Benzo(a)pyrene		110.000	J	100	180 ug/Kg
P4822-08	SOIL-4	Solid	Benzo(b)fluoranthene		130.000	J	87.2	180 ug/Kg
P4822-08	SOIL-4	Solid	Chrysene		100.000	J	85.5	180 ug/Kg
P4822-08	SOIL-4	Solid	Fluoranthene		220.000		87.8	180 ug/Kg
P4822-08	SOIL-4	Solid	Phenanthrene		130.000	J	90.3	180 ug/Kg
P4822-08	SOIL-4	Solid	Pyrene		190.000		89.2	180 ug/Kg
Total Svoc :					1,000.00			

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SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				3,550.00				
Client ID : SOIL-5								
P4822-10	SOIL-5	Solid	1-(Phenylthio)-3,7,11-trimethyl-2, *	320.000	J			
P4822-10	SOIL-5	Solid	Benzophenone	*	440.000	J		
P4822-10	SOIL-5	Solid	Butane, 2-methoxy-2-methyl-	*	1,200.000	J		
P4822-10	SOIL-5	Solid	Eicosane	*	140.000	J		
P4822-10	SOIL-5	Solid	Heneicosane	*	150.000	J		
P4822-10	SOIL-5	Solid	Methanone, (1-hydroxycyclohexy	*	79.200	J		
P4822-10	SOIL-5	Solid	n-Hexadecanoic acid	*	740.000	J		
P4822-10	SOIL-5	Solid	Octadecanoic acid	*	280.000	J		
Total Tics :				3,349.20				
P4822-10	SOIL-5	Solid	Benzo(a)anthracene	130.000	J	87.9	190	ug/Kg
P4822-10	SOIL-5	Solid	Benzo(a)pyrene	100.000	J	100	190	ug/Kg
P4822-10	SOIL-5	Solid	Benzo(b)fluoranthene	140.000	J	88.4	190	ug/Kg
P4822-10	SOIL-5	Solid	Chrysene	110.000	J	86.6	190	ug/Kg
P4822-10	SOIL-5	Solid	Fluoranthene	190.000		89	190	ug/Kg
P4822-10	SOIL-5	Solid	Pyrene	130.000	J	90.4	190	ug/Kg
Total Svoc :				800.00				
Total Concentration:				4,149.20				
Client ID : SOIL-6								
P4822-12	SOIL-6	Solid	1-Octadecene	*	200.000	J		
P4822-12	SOIL-6	Solid	Benzophenone	*	500.000	J		
P4822-12	SOIL-6	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P4822-12	SOIL-6	Solid	Docosane	*	75.400	J		
P4822-12	SOIL-6	Solid	Dotriacontane, 1-iodo-	*	400.000	J		
P4822-12	SOIL-6	Solid	Lup-20(29)-en-3-one	*	620.000	J		
P4822-12	SOIL-6	Solid	Methanone, (1-hydroxycyclohexy	*	76.200	J		
P4822-12	SOIL-6	Solid	n-Hexadecanoic acid	*	510.000	J		
P4822-12	SOIL-6	Solid	Nonadecane	*	370.000	J		
P4822-12	SOIL-6	Solid	Octadecanoic acid	*	130.000	J		
P4822-12	SOIL-6	Solid	Stigmast-4-en-3-one	*	530.000	J		
P4822-12	SOIL-6	Solid	Supraene	*	150.000	J		
Total Tics :				5,261.60				
P4822-12	SOIL-6	Solid	Benzo(a)anthracene	90.000	J	88.2	190	ug/Kg
P4822-12	SOIL-6	Solid	Benzo(b)fluoranthene	120.000	J	88.7	190	ug/Kg
P4822-12	SOIL-6	Solid	Chrysene	89.200	J	86.9	190	ug/Kg
P4822-12	SOIL-6	Solid	Fluoranthene	190.000		89.3	190	ug/Kg
P4822-12	SOIL-6	Solid	Phenanthrene	94.100	J	91.8	190	ug/Kg
P4822-12	SOIL-6	Solid	Pyrene	130.000	J	90.7	190	ug/Kg
Total Svoc :				713.30				

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SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				5,974.90				
Client ID : SW-WTS-01								
P4843-01	SW-WTS-01	Water	1-Acenaphthenol	*	3.500	J		
P4843-01	SW-WTS-01	Water	2-Propanol, 1-(2-methoxy-1-meth	*	5.000	J		
P4843-01	SW-WTS-01	Water	2-Propanol, 1-[2-(2-methoxy-1-m	*	5.900	J		
P4843-01	SW-WTS-01	Water	9,10-Anthracenedione	*	3.000	J		
P4843-01	SW-WTS-01	Water	Benzaldehyde, 3-hydroxy-4-meth	*	19.700	J		
P4843-01	SW-WTS-01	Water	Benzene, 1,2,3-trimethyl-	*	10.700	J		
P4843-01	SW-WTS-01	Water	Butane, 2-methoxy-2-methyl-	*	110.000	J		
P4843-01	SW-WTS-01	Water	Dehydroabietic acid	*	18.800	J		
P4843-01	SW-WTS-01	Water	Dodecanoic acid	*	28.700	J		
P4843-01	SW-WTS-01	Water	Ethyl Vanillin	*	7.700	J		
P4843-01	SW-WTS-01	Water	Isoquinoline, 1-methyl-	*	4.200	J		
P4843-01	SW-WTS-01	Water	n-Decanoic acid	*	13.500	J		
P4843-01	SW-WTS-01	Water	n-Hexadecanoic acid	*	3.100	J		
P4843-01	SW-WTS-01	Water	Nonanoic acid	*	4.700	J		
P4843-01	SW-WTS-01	Water	Octadecanoic acid	*	410.000	J		
P4843-01	SW-WTS-01	Water	Tetradecanoic acid	*	3.400	J		
P4843-01	SW-WTS-01	Water	Tri(1,2-propyleneglycol), monom	*	5.000	J		
P4843-01	SW-WTS-01	Water	unknown6.934	*	9.700	J		
P4843-01	SW-WTS-01	Water	unknown9.610	*	21.900	J		
Total Tics :				688.50				
P4843-01	SW-WTS-01	Water	1-Methylnaphthalene		11.700		0.87	ug/L
P4843-01	SW-WTS-01	Water	2-Methylnaphthalene		10.900		1.1	ug/L
P4843-01	SW-WTS-01	Water	Acenaphthene		3.600	J	0.82	ug/L
P4843-01	SW-WTS-01	Water	Acetophenone		3.400	J	1.1	ug/L
P4843-01	SW-WTS-01	Water	Benzoic acid		21.800		5.5	ug/L
P4843-01	SW-WTS-01	Water	Benzyl Alcohol		3.400	J	1.6	ug/L
P4843-01	SW-WTS-01	Water	Di-n-butylphthalate		52.900		1.5	ug/L
P4843-01	SW-WTS-01	Water	Fluorene		2.100	J	0.97	ug/L
P4843-01	SW-WTS-01	Water	Naphthalene		54.400		1	ug/L
P4843-01	SW-WTS-01	Water	Phenanthrene		3.800	J	0.9	ug/L
P4843-01	SW-WTS-01	Water	Total PAH		63.900	J	17.61	ug/L
Total Svoc :				231.90				
Total Concentration:				920.40				
Client ID : PH2-BOT-001								
P4860-02	PH2-BOT-001	Solid	10,18-Bisnorabieta-5,7,9(10),11,1	*	820.000	J		
P4860-02	PH2-BOT-001	Solid	17-(1,5-Dimethylhexyl)-10,13-din	*	460.000	J		
P4860-02	PH2-BOT-001	Solid	2-Bromo dodecane	*	510.000	J		

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SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-02	PH2-BOT-001	Solid	4b,8-Dimethyl-2-isopropylphenan *	230.000	J			
P4860-02	PH2-BOT-001	Solid	Butane, 2-methoxy-2-methyl-	1,700.000	J			
P4860-02	PH2-BOT-001	Solid	Cholestan-2-one	1,900.000	J			
P4860-02	PH2-BOT-001	Solid	Cholestan-3-ol, (3.beta.,5.beta.)-	1,400.000	J			
P4860-02	PH2-BOT-001	Solid	Cyclohexane, 1,3,5-triphenyl-	680.000	J			
P4860-02	PH2-BOT-001	Solid	Docosane, 1-iodo-	460.000	J			
P4860-02	PH2-BOT-001	Solid	Eicosane	190.000	J			
P4860-02	PH2-BOT-001	Solid	Heneicosane	290.000	J			
P4860-02	PH2-BOT-001	Solid	Heptacosane	720.000	J			
P4860-02	PH2-BOT-001	Solid	Heptadecane, 9-octyl-	280.000	J			
P4860-02	PH2-BOT-001	Solid	Methadone N-oxide	410.000	J			
P4860-02	PH2-BOT-001	Solid	n-Hexadecanoic acid	560.000	J			
P4860-02	PH2-BOT-001	Solid	Nonadecane	820.000	J			
P4860-02	PH2-BOT-001	Solid	Retene	190.000	J			
P4860-02	PH2-BOT-001	Solid	Supraene	310.000	J			
P4860-02	PH2-BOT-001	Solid	Tetracosane, 1-iodo-	1,000.000	J			
P4860-02	PH2-BOT-001	Solid	Tetradecane, 1-iodo-	500.000	J			
			Total Tics :	13,430.00				
P4860-02	PH2-BOT-001	Solid	Bis(2-ethylhexyl)phthalate	480.000	J	93.9	180	ug/Kg
			Total Svoc :	480.00				
			Total Concentration:	13,910.00				

Client ID : PH2-BOT-002

P4860-03	PH2-BOT-002	Solid	10,18-Bisnorabieta-5,7,9(10),11,1 *	120.000	J			
P4860-03	PH2-BOT-002	Solid	4b,8-Dimethyl-2-isopropylphenan *	73.000	J			
P4860-03	PH2-BOT-002	Solid	Benzophenone	520.000	J			
P4860-03	PH2-BOT-002	Solid	Butane, 2-methoxy-2-methyl-	2,000.000	J			
P4860-03	PH2-BOT-002	Solid	Cholestan-2-one	460.000	J			
P4860-03	PH2-BOT-002	Solid	Cholestan-3-ol, (3.alpha.,5.beta.) *	490.000	J			
P4860-03	PH2-BOT-002	Solid	Cyclohexadecane	230.000	J			
P4860-03	PH2-BOT-002	Solid	Heneicosane	170.000	J			
P4860-03	PH2-BOT-002	Solid	Methanone, (1-hydroxycyclohexy *	160.000	J			
P4860-03	PH2-BOT-002	Solid	n-Hexadecanoic acid	380.000	J			
P4860-03	PH2-BOT-002	Solid	Octadecane	71.000	J			
P4860-03	PH2-BOT-002	Solid	Octadecanoic acid	87.800	J			
P4860-03	PH2-BOT-002	Solid	Squalene	160.000	J			
			Total Tics :	4,921.80				
P4860-03	PH2-BOT-002	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	94	180	ug/Kg
			Total Svoc :	140.00				
			Total Concentration:	5,061.80				

Client ID : PH2-BOT-008

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SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4860-07	PH2-BOT-008	Solid	2,3,3-Trimethyl-2-(3-methyl-buta-	*	130.000	J		
P4860-07	PH2-BOT-008	Solid	Benzophenone	*	510.000	J		
P4860-07	PH2-BOT-008	Solid	Butane, 2-methoxy-2-methyl-	*	1,700.000	J		
P4860-07	PH2-BOT-008	Solid	Methanone, (1-hydroxycyclohexy	*	81.500	J		
P4860-07	PH2-BOT-008	Solid	n-Hexadecanoic acid	*	170.000	J		
Total Tics :					2,591.50			
Total Concentration:					2,591.50			
Client ID : RW5-SP100-20241114								
P4868-01	RW5-SP100-20241114	Water	2-Pentanone, 4-hydroxy-4-methyl	*	6.100	A		
P4868-01	RW5-SP100-20241114	Water	3-Penten-2-one, 4-methyl-	*	8.000	A		
P4868-01	RW5-SP100-20241114	Water	Butane, 2-methoxy-2-methyl-	*	110.000	J		
P4868-01	RW5-SP100-20241114	Water	Trichloroethylene	*	180.000	J		
Total Tics :					304.10			
P4868-01	RW5-SP100-20241114	Water	1,4-Dioxane		9.800	1.3	5.1	ug/L
Total Svoc :					9.80			
Total Concentration:					313.90			
Client ID : RW5-SP303-20241114								
P4868-03	RW5-SP303-20241114	Water	2-Pentanone, 4-hydroxy-4-methyl	*	3.300	A		
P4868-03	RW5-SP303-20241114	Water	3-Penten-2-one, 4-methyl-	*	30.100	A		
P4868-03	RW5-SP303-20241114	Water	Butane, 2-methoxy-2-methyl-	*	87.000	J		
P4868-03	RW5-SP303-20241114	Water	Cyclotrisiloxane, hexamethyl-	*	2.000	J		
Total Tics :					122.40			
Total Concentration:					122.40			
Client ID : MH-736								
P4870-07	MH-736	Solid	Benzophenone	*	110.000	J		
P4870-07	MH-736	Solid	Butane, 2-methoxy-2-methyl-	*	760.000	J		
P4870-07	MH-736	Solid	n-Hexadecanoic acid	*	89.900	J		
Total Tics :					959.90			
Total Concentration:					959.90			
Client ID : TP-15								
P4870-10	TP-15	Solid	9-Octadecenamide, (Z)-	*	100.000	J		
P4870-10	TP-15	Solid	Benzophenone	*	95.000	J		
P4870-10	TP-15	Solid	Butane, 2-methoxy-2-methyl-	*	770.000	J		
P4870-10	TP-15	Solid	n-Hexadecanoic acid	*	150.000	J		
Total Tics :					1,115.00			
Total Concentration:					1,115.00			
Client ID : MH-760								
P4887-05	MH-760	Solid	Benzophenone	*	91.100	J		

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SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4887-05	MH-760	Solid	Butane, 2-methoxy-2-methyl-	*	950.000	J		
P4887-05	MH-760	Solid	n-Hexadecanoic acid	*	83.100	J		
P4887-05	MH-760	Solid	unknown9.998	*	81.300	J		
Total Tics :				1,205.50				
P4887-05	MH-760	Solid	Benzo(b)fluoranthene		57.100	J	55.1	120 ug/Kg
P4887-05	MH-760	Solid	Fluoranthene		96.300	J	55.5	120 ug/Kg
P4887-05	MH-760	Solid	Pyrene		71.400	J	56.4	120 ug/Kg
Total Svoc :				224.80				
Total Concentration:				1,430.30				
Client ID : #72-11930DL								
P4889-05DL	#72-11930DL	Solid	Acenaphthylene		420.000	JD	280	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Benzo(a)anthracene		870.000	D	260	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Benzo(a)pyrene		1,900.000	D	300	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Benzo(b)fluoranthene		2,700.000	D	260	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Benzo(g,h,i)perylene		1,200.000	D	260	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Benzo(k)fluoranthene		850.000	D	260	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Chrysene		1,300.000	D	250	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Dibenzo(a,h)anthracene		280.000	JD	260	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Fluoranthene		1,400.000	D	260	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Indeno(1,2,3-cd)pyrene		1,000.000	D	250	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Pentachlorophenol		2,000.000	D	250	1100 ug/Kg
P4889-05DL	#72-11930DL	Solid	Phenanthrene		590.000	D	270	550 ug/Kg
P4889-05DL	#72-11930DL	Solid	Pyrene		1,300.000	D	270	550 ug/Kg
Total Svoc :				15,810.00				
Total Concentration:				15,810.00				
Client ID : WB-310-TOP								
P4892-01	WB-310-TOP	Solid	11H-Benzo[a]fluorene	*	190.000	J		
P4892-01	WB-310-TOP	Solid	11H-Benzo[b]fluorene	*	360.000	J		
P4892-01	WB-310-TOP	Solid	4-Bromothiophene-2-aldehyde	*	840.000	J		
P4892-01	WB-310-TOP	Solid	9,10-Dimethylanthracene	*	430.000	J		
P4892-01	WB-310-TOP	Solid	Anthracene, 1-methyl-	*	280.000	J		
P4892-01	WB-310-TOP	Solid	Anthracene, 2-methyl-	*	470.000	J		
P4892-01	WB-310-TOP	Solid	Benzene, 1,1-(1,3-butadiyne-1,4-d	*	270.000	J		
P4892-01	WB-310-TOP	Solid	Benzo[e]pyrene	*	400.000	J		
P4892-01	WB-310-TOP	Solid	Benzophenone	*	320.000	J		
P4892-01	WB-310-TOP	Solid	Butane, 2-methoxy-2-methyl-	*	2,100.000	J		
P4892-01	WB-310-TOP	Solid	Decane, 2-methyl-	*	320.000	J		
P4892-01	WB-310-TOP	Solid	Fluoranthene, 2-methyl-	*	180.000	J		
P4892-01	WB-310-TOP	Solid	Hexadecane, 2,6,10,14-tetramethy	*	150.000	J		

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SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4892-01	WB-310-TOP	Solid	Naphthalene, 2,3,6-trimethyl-	*	180.000	J		
P4892-01	WB-310-TOP	Solid	Naphthalene, 2-phenyl-	*	160.000	J		
P4892-01	WB-310-TOP	Solid	Naphtho[2,1-b]thiophene	*	210.000	J		
P4892-01	WB-310-TOP	Solid	Phenanthrene, 2-methyl-	*	290.000	J		
P4892-01	WB-310-TOP	Solid	Pyrene, 1-methyl-	*	180.000	J		
P4892-01	WB-310-TOP	Solid	Pyrene, 4-methyl-	*	160.000	J		
P4892-01	WB-310-TOP	Solid	unknown9.616	*	270.000	J		
Total Tics :					7,760.00			
P4892-01	WB-310-TOP	Solid	Acenaphthylene		200.000	J 140	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Anthracene		330.000	140	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Benzo(a)anthracene		1,100.000	130	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Benzo(a)pyrene		910.000	160	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Benzo(b)fluoranthene		840.000	140	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Benzo(g,h,i)perylene		320.000	130	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Benzo(k)fluoranthene		350.000	140	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Chrysene		980.000	130	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Fluoranthene		1,400.000	140	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Indeno(1,2,3-cd)pyrene		300.000	130	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Phenanthrene		720.000	140	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Pyrene		1,100.000	140	280	ug/Kg
P4892-01	WB-310-TOP	Solid	Total PAH		8,550.000	2220	4480	ug/Kg
Total Svoc :					17,100.00			
Total Concentration:					24,860.00			
Client ID : WB-310-BOT								
P4892-02	WB-310-BOT	Solid	Benzophenone	*	250.000	J		
P4892-02	WB-310-BOT	Solid	Butane, 2-methoxy-2-methyl-	*	1,800.000	J		
P4892-02	WB-310-BOT	Solid	n-Hexadecanoic acid	*	330.000	J		
P4892-02	WB-310-BOT	Solid	Pentanedioic acid, dimethyl ester	*	97.300	J		
Total Tics :					2,477.30			
Total Concentration:					2,477.30			
Client ID : MH-763								
P4893-01	MH-763	Solid	4,4-Dimethylbiphenyl	*	52.600	J		
P4893-01	MH-763	Solid	Benzophenone	*	130.000	J		
P4893-01	MH-763	Solid	Butane, 2-methoxy-2-methyl-	*	800.000	J		
P4893-01	MH-763	Solid	Carbonic acid, eicosyl vinyl ester	*	160.000	J		
P4893-01	MH-763	Solid	Dodecane	*	100.000	J		
P4893-01	MH-763	Solid	Dodecane, 2,6,10-trimethyl-	*	81.500	J		
P4893-01	MH-763	Solid	Heptadecane	*	90.700	J		
P4893-01	MH-763	Solid	Hexadecane, 1-chloro-	*	80.400	J		

Hit Summary Sheet SW-846

SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4910-01	MH-COTTAGE	Solid	Benzophenone	*	78.900	J		
P4910-01	MH-COTTAGE	Solid	Butane, 2-methoxy-2-methyl-	*	730.000	J		
P4910-01	MH-COTTAGE	Solid	n-Hexadecanoic acid	*	57.300	J		
Total Tics :					866.20			
Total Concentration:					866.20			
Client ID : MH-759								
P4910-05	MH-759	Solid	1H,3H-Thieno[3,4-c]thiophene, 4,	*	56.100	J		
P4910-05	MH-759	Solid	Benzophenone	*	84.900	J		
P4910-05	MH-759	Solid	Butane, 2-methoxy-2-methyl-	*	590.000	J		
P4910-05	MH-759	Solid	Carbonic acid, eicosyl vinyl ester	*	150.000	J		
P4910-05	MH-759	Solid	Hexadecane, 2,6,10,14-tetramethy	*	180.000	J		
P4910-05	MH-759	Solid	l-Leucine, N-methyl-N-(2-methox	*	58.100	J		
P4910-05	MH-759	Solid	Nonane, 3,7-dimethyl-	*	99.900	J		
P4910-05	MH-759	Solid	Octane, 2,6-dimethyl-	*	67.200	J		
P4910-05	MH-759	Solid	Pentadecane, 2,6,10-trimethyl-	*	150.000	J		
P4910-05	MH-759	Solid	Silane, trichlorodocosyl-	*	64.300	J		
P4910-05	MH-759	Solid	Succinic acid, tridec-2-yn-1-yl tr	*	46.100	J		
P4910-05	MH-759	Solid	Tetradecanoic acid	*	67.700	J		
P4910-05	MH-759	Solid	Tridecane	*	130.000	J		
P4910-05	MH-759	Solid	Undecane, 2,6-dimethyl-	*	81.300	J		
P4910-05	MH-759	Solid	unknown10.157	*	78.600	J		
Total Tics :					1,904.20			
P4910-05	MH-759	Solid	Fluoranthene		58.900	J 55.6	120	ug/Kg
Total Svoc :					58.90			
Total Concentration:					1,963.10			
Client ID : TP-1-WC								
P4916-01	TP-1-WC	Solid	Benzophenone	*	210.000	J		
P4916-01	TP-1-WC	Solid	Butane, 2-methoxy-2-methyl-	*	950.000	J		
P4916-01	TP-1-WC	Solid	n-Hexadecanoic acid	*	96.700	J		
Total Tics :					1,256.70			
Total Concentration:					1,256.70			
Client ID : TP-2-WC								
P4916-05	TP-2-WC	Solid	9-Octadecenamide, (Z)-	*	280.000	J		
P4916-05	TP-2-WC	Solid	Benzophenone	*	190.000	J		
P4916-05	TP-2-WC	Solid	Butane, 2-methoxy-2-methyl-	*	570.000	J		
P4916-05	TP-2-WC	Solid	Dodecane, 2-methyl-	*	49.300	J		
P4916-05	TP-2-WC	Solid	Hexadecane	*	47.400	J		
P4916-05	TP-2-WC	Solid	n-Hexadecanoic acid	*	130.000	J		
P4916-05	TP-2-WC	Solid	Naphtho[1,2-b]norbornadiene	*	59.100	J		

Hit Summary Sheet SW-846

SDG No.: BF112024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4916-05	TP-2-WC	Solid	Octadecane	*	63.200	J		
P4916-05	TP-2-WC	Solid	unknown9.998	*	210.000	J		
Total Tics :					1,599.00			
P4916-05	TP-2-WC	Solid	Benzo(a)anthracene	70.700	J	50.4	110	ug/Kg
P4916-05	TP-2-WC	Solid	Benzo(a)pyrene	77.500	J	58	110	ug/Kg
P4916-05	TP-2-WC	Solid	Benzo(b)fluoranthene	91.200	J	50.6	110	ug/Kg
P4916-05	TP-2-WC	Solid	Chrysene	94.400	J	49.6	110	ug/Kg
P4916-05	TP-2-WC	Solid	Fluoranthene	150.000		51	110	ug/Kg
P4916-05	TP-2-WC	Solid	Phenanthrene	62.400	J	52.4	110	ug/Kg
P4916-05	TP-2-WC	Solid	Pyrene	160.000		51.8	110	ug/Kg
Total Svoc :					706.20			
Total Concentration:					2,305.20			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
n-Nitrosodimethylamine		0.658	0.632	0.651	0.644	0.671	0.649	2.4
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
Pyridine		1.430	1.343	1.323	1.189	1.237	1.283	7.6
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
2-Fluorophenol		1.329	1.257	1.223	1.090	1.118	1.171	8.8
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Benzaldehyde		1.101	1.087	1.017	0.828	0.783	0.951	14.3
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Aniline		1.587	1.527	1.495	1.267	1.270	1.381	13.4
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol-d6		1.773	1.691	1.643	1.483	1.507	1.587	8.1
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
Phenol		1.799	1.793	1.743	1.582	1.597	1.674	7.3
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
bis(2-Chloroethyl)ether		1.359	1.294	1.306	1.227	1.249	1.268	4.6
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
2-Chlorophenol		1.397	1.349	1.332	1.176	1.184	1.258	8.5
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,2-Dichlorobenzene		1.494	1.429	1.398	1.212	1.214	1.307	10.6
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,3-Dichlorobenzene		1.585	1.475	1.454	1.291	1.317	1.388	9.0
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
1,4-Dichlorobenzene		1.590	1.534	1.486	1.306	1.326	1.408	9.5
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
Benzyl Alcohol		1.172	1.193	1.199	1.100	1.108	1.143	6.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2-Methylphenol		1.092	1.062	1.072	0.998	1.016	1.035	5.1
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
2,2-oxybis(1-Chloropropane)		1.906	1.826	1.815	1.666	1.684	1.752	7.0
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
Acetophenone		0.532	0.508	0.481	0.434	0.441	0.465	9.4
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
3+4-Methylphenols		1.436	1.427	1.359	1.200	1.198	1.295	10.2
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
n-Nitroso-di-n-propylamine	1.032	1.029	1.003	0.986	0.883	0.905	0.959	7.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3
Nitrobenzene-d5		0.411	0.401	0.399	0.368	0.379	0.384	5.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324

Instrument ID: _____ Calibration Date(s): 11/13/2024

Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Hexachloroethane		0.562	0.543	0.550	0.500	0.506	0.520	6.3
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Nitrobenzene		0.423	0.421	0.406	0.390	0.394	0.400	4.6
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
Isophorone		0.736	0.702	0.692	0.654	0.671	0.680	4.9
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2-Nitrophenol		0.175	0.179	0.181	0.175	0.181	0.177	2.0
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
2,4-Dimethylphenol		0.238	0.236	0.232	0.221	0.227	0.227	3.9
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
bis(2-Chloroethoxy)methane		0.461	0.442	0.430	0.398	0.404	0.417	6.8
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
2,4-Dichlorophenol		0.307	0.296	0.287	0.272	0.272	0.281	6.2
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
1,2,4-Trichlorobenzene		0.346	0.331	0.325	0.298	0.301	0.312	7.1
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Benzoic acid		0.162	0.178	0.180	0.215	0.226	0.200	13.0
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
Naphthalene		1.160	1.105	1.064	0.950	0.955	1.015	9.6
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
4-Chloroaniline		0.390	0.386	0.370	0.333	0.340	0.353	8.4
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Hexachlorobutadiene		0.220	0.214	0.210	0.188	0.190	0.199	7.7
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
Caprolactam		0.098	0.093	0.094	0.091	0.095	0.093	3.3
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
4-Chloro-3-methylphenol		0.331	0.327	0.320	0.299	0.304	0.311	5.1
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
2-Methylnaphthalene		0.751	0.706	0.683	0.610	0.607	0.651	10.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
Hexachlorocyclopentadiene			0.111	0.143	0.156	0.159	0.142	12.0
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2,4,6-Trichlorophenol		0.380	0.374	0.374	0.360	0.352	0.363	3.9
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2-Fluorobiphenyl		1.524	1.396	1.351	1.125	1.110	1.244	14.5
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4
2,4,5-Trichlorophenol		0.421	0.417	0.412	0.387	0.390	0.397	5.4

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF111324SAS No.: BF111324SDG No.: BF111324

Instrument ID: _____

Calibration Date(s): 11/13/2024Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D		RRF005 = BF140333.D		RRF010 = BF140334.D		
		RRF020 = BF140335.D		RRF050 = BF140337.D		RRF060 = BF140338.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
1,1-Biphenyl		1.690	1.571	1.565	1.368	1.343	1.455	10.8
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Chloronaphthalene		1.279	1.182	1.149	1.064	1.049	1.108	9.2
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
2-Nitroaniline		0.378	0.365	0.384	0.365	0.366	0.368	2.9
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Dimethylphthalate		1.464	1.358	1.371	1.246	1.244	1.304	7.5
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
Acenaphthylene		1.940	1.802	1.786	1.582	1.552	1.677	10.3
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
2,6-Dinitrotoluene		0.317	0.303	0.313	0.291	0.289	0.297	5.6
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
3-Nitroaniline		0.333	0.327	0.335	0.307	0.298	0.312	6.9
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
Acenaphthene		1.259	1.204	1.192	1.091	1.079	1.133	7.8
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
2,4-Dinitrophenol			0.109	0.148	0.178	0.170	0.153	16.3
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
4-Nitrophenol		0.199	0.217	0.239	0.240	0.237	0.228	6.7
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
Dibenzofuran		1.904	1.736	1.715	1.502	1.466	1.603	11.9
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
2,4-Dinitrotoluene		0.414	0.400	0.417	0.387	0.382	0.391	5.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
Diethylphthalate		1.525	1.417	1.398	1.272	1.246	1.333	8.8
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
4-Chlorophenyl-phenylether		0.739	0.688	0.669	0.583	0.567	0.625	12.0
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
Fluorene		1.525	1.403	1.365	1.168	1.137	1.267	13.1
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4-Nitroaniline		0.335	0.325	0.328	0.316	0.313	0.319	3.9
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
4,6-Dinitro-2-methylphenol		0.080	0.098	0.113	0.117	0.120	0.108	13.0
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
n-Nitrosodiphenylamine		0.651	0.630	0.600	0.541	0.541	0.578	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6
Azobenzene		1.498	1.391	1.380	1.251	1.244	1.317	8.6

All other compounds must meet a minimum RRF of 0.010.



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SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
2,4,6-Tribromophenol		0.220	0.211	0.207	0.191	0.189	0.199	6.9
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
4-Bromophenyl-phenylether		0.227	0.210	0.209	0.191	0.188	0.200	8.1
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Hexachlorobenzene		0.251	0.242	0.232	0.209	0.215	0.225	7.5
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Atrazine		0.191	0.183	0.135	0.155	0.205	0.175	17.0
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Pentachlorophenol		0.097	0.108	0.124	0.131	0.130	0.121	10.9
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Phenanthrene		1.096	1.053	0.986	0.868	0.851	0.940	11.3
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Anthracene		1.071	1.018	0.966	0.860	0.839	0.921	10.8
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Carbazole		1.053	1.009	0.963	0.846	0.834	0.909	11.0
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Di-n-butylphthalate		1.214	1.177	1.150	1.036	1.023	1.091	8.4
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Fluoranthene		1.256	1.201	1.141	0.962	0.933	1.054	13.9
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Benzidine			0.634	0.684	0.742	0.953	0.768	18.6
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Pyrene		1.748	1.706	1.643	1.728	1.800	1.711	3.1
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Terphenyl-d14		1.226	1.185	1.108	1.139	1.190	1.152	4.3
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
Butylbenzylphthalate		0.640	0.638	0.654	0.670	0.681	0.657	3.6
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
3,3-Dichlorobenzidine		0.438	0.431	0.433	0.406	0.416	0.418	3.8
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Benzo(a)anthracene		1.451	1.418	1.351	1.229	1.294	1.314	7.3
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Chrysene		1.394	1.241	1.235	1.137	1.123	1.199	8.4
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Bis(2-ethylhexyl)phthalate		0.886	0.890	0.897	0.858	0.869	0.877	4.1
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9
Di-n-octyl phthalate		1.231	1.217	1.270	1.187	1.241	1.235	2.9

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.: BF111324 SAS No.: BF111324 SDG No.: BF111324
Instrument ID: _____ Calibration Date(s): 11/13/2024
Calibration Time(s): 09:01

LAB FILE ID:		RRF2.5 = BF140332.D			RRF005 = BF140333.D		RRF010 = BF140334.D	
		RRF020 = BF140335.D			RRF050 = BF140337.D		RRF060 = BF140338.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF050	RRF060	RRF	% RSD
Benzo(b) fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(b) fluoranthene		1.405	1.352	1.471	1.235	1.233	1.308	7.8
Benzo(k) fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(k) fluoranthene		1.286	1.241	1.120	0.952	0.935	1.069	14.5
Benzo(a) pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Benzo(a) pyrene		1.100	1.053	1.054	0.970	0.980	1.016	5.4
Indeno(1,2,3-cd) pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Indeno(1,2,3-cd) pyrene		1.116	1.150	1.138	1.316	1.354	1.235	8.0
Dibenzo(a,h) anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Dibenzo(a,h) anthracene		0.941	0.952	0.944	1.074	1.121	1.021	7.3
Benzo(g,h,i) perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
Benzo(g,h,i) perylene		0.941	0.963	0.954	1.122	1.146	1.044	8.5
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,2,4,5-Tetrachlorobenzene		0.646	0.585	0.583	0.524	0.517	0.553	9.8
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
1,4-Dioxane		0.582	0.546	0.530	0.495	0.506	0.522	6.5
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
2,3,4,6-Tetrachlorophenol		0.322	0.328	0.326	0.308	0.302	0.313	4.6
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4
1-Methylnaphthalene		0.734	0.696	0.673	0.589	0.592	0.637	10.4

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 09:57

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	148463	6.881	586279	8.16	331728	9.92
	UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
	LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
	EPA SAMPLE NO.						
01	PB165039BL	125559	6.88	478277	8.15	268353	9.91
02	PB165039BS	123122	6.88	469130	8.16	266786	9.91
03	PB165039BSD	121736	6.88	462447	8.15	259407	9.91
04	SW-WTS-01	109415	6.88	404300	8.15	209765	9.91
05	RW5-SP100-20241114	115090	6.88	438706	8.15	246450	9.91
06	RW5-SP303-20241114	111180	6.88	421980	8.15	217249	9.90
07	WB-310-BOT	111857	6.88	425828	8.15	234373	9.91
08	WB-310-BOTMS	124435	6.88	465260	8.16	249636	9.91
09	WB-310-BOTMSD	115233	6.88	427479	8.16	231375	9.91
10	RW5-SP303-20241114RE	107774	6.87	401651	8.15	185909	9.90
11	PB165086BL	127581	6.87	485914	8.15	273616	9.90
12	RR-1	102192	6.88	367263	8.15	188972	9.90
13	MH-736	103352	6.88	381089	8.15	197730	9.90
14	MH-COTTAGE	102588	6.88	380523	8.15	198317	9.90
15	MH-763	104953	6.88	380272	8.15	189196	9.90
16	MH-762	100112	6.88	364052	8.15	187678	9.90
17	B-5	97789	6.88	331411	8.15	155672 *	9.90
18	TP-15	122908	6.88	441673	8.15	210624	9.90
19	WB-310-TOP	109793	6.88	377655	8.15	180123	9.90
20	BU-02-111824	122993	6.88	442750	8.15	208473	9.90
21	MH-759	103145	6.88	360315	8.15	157514 *	9.90
22	#72-11930DL	94716	6.88	318948	8.15	139993 *	9.91
23	SOIL-5	107776	6.88	358604	8.15	160401 *	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 22:13

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	148463	6.881	586279	8.16	331728	9.92
UPPER LIMIT	296926	7.381	1172558	8.657	663456	10.416
LOWER LIMIT	74231.5	6.381	293139.5	7.657	165864	9.416
EPA SAMPLE NO.						
24 SOIL-6	108224	6.88	360674	8.15	164153 *	9.91
25 SOIL-3	101523	6.88	323761	8.15	143091 *	9.91
26 SOIL-4	96480	6.88	314709	8.15	146621 *	9.91
27 SOIL-1	66956 *	6.88	215841 *	8.15	100423 *	9.91
28 SOIL-2	70010 *	6.88	219983 *	8.15	109485 *	9.91
29 MH-760	69026 *	6.88	234123 *	8.16	112914 *	9.91
30 PH2-BOT-001	59598 *	6.88	191112 *	8.15	92553 *	9.91
31 PH2-BOT-002	63329 *	6.88	204737 *	8.15	97802 *	9.91
32 PH2-BOT-008	61383 *	6.88	200329 *	8.16	94790 *	9.91
33 TP-1-WC	63266 *	6.88	207980 *	8.15	99169 *	9.91
34 TP-2-WC	67130 *	6.88	212710 *	8.15	106740 *	9.91

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 09:57

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	147186	6.875	589077	8.16	334544	9.92
	UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
	LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
	EPA SAMPLE NO.						
01	PB165039BL	125559	6.88	478277	8.15	268353	9.91
02	PB165039BS	123122	6.88	469130	8.16	266786	9.91
03	PB165039BSD	121736	6.88	462447	8.15	259407	9.91
04	SW-WTS-01	109415	6.88	404300	8.15	209765	9.91
05	RW5-SP100-20241114	115090	6.88	438706	8.15	246450	9.91
06	RW5-SP303-20241114	111180	6.88	421980	8.15	217249	9.90
07	WB-310-BOT	111857	6.88	425828	8.15	234373	9.91
08	WB-310-BOTMS	124435	6.88	465260	8.16	249636	9.91
09	WB-310-BOTMSD	115233	6.88	427479	8.16	231375	9.91
10	RW5-SP303-20241114RE	107774	6.87	401651	8.15	185909	9.90
11	PB165086BL	127581	6.87	485914	8.15	273616	9.90
12	RR-1	102192	6.88	367263	8.15	188972	9.90
13	MH-736	103352	6.88	381089	8.15	197730	9.90
14	MH-COTTAGE	102588	6.88	380523	8.15	198317	9.90
15	MH-763	104953	6.88	380272	8.15	189196	9.90
16	MH-762	100112	6.88	364052	8.15	187678	9.90
17	B-5	97789	6.88	331411	8.15	155672 *	9.90
18	TP-15	122908	6.88	441673	8.15	210624	9.90
19	WB-310-TOP	109793	6.88	377655	8.15	180123	9.90
20	BU-02-111824	122993	6.88	442750	8.15	208473	9.90
21	MH-759	103145	6.88	360315	8.15	157514 *	9.90
22	#72-11930DL	94716	6.88	318948	8.15	139993 *	9.91
23	SOIL-5	107776	6.88	358604	8.15	160401 *	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 22:13

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	147186	6.875	589077	8.16	334544	9.92
UPPER LIMIT	294372	7.375	1178154	8.657	669088	10.416
LOWER LIMIT	73593	6.375	294538.5	7.657	167272	9.416
EPA SAMPLE NO.						
24 SOIL-6	108224	6.88	360674	8.15	164153 *	9.91
25 SOIL-3	101523	6.88	323761	8.15	143091 *	9.91
26 SOIL-4	96480	6.88	314709	8.15	146621 *	9.91
27 SOIL-1	66956 *	6.88	215841 *	8.15	100423 *	9.91
28 SOIL-2	70010 *	6.88	219983 *	8.15	109485 *	9.91
29 MH-760	69026 *	6.88	234123 *	8.16	112914 *	9.91
30 PH2-BOT-001	59598 *	6.88	191112 *	8.15	92553 *	9.91
31 PH2-BOT-002	63329 *	6.88	204737 *	8.15	97802 *	9.91
32 PH2-BOT-008	61383 *	6.88	200329 *	8.16	94790 *	9.91
33 TP-1-WC	63266 *	6.88	207980 *	8.15	99169 *	9.91
34 TP-2-WC	67130 *	6.88	212710 *	8.15	106740 *	9.91

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140488.D Time Analyzed: 09:57

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	132364	6.875	490485	8.16	273054	9.92
UPPER LIMIT	264728	7.375	980970	8.657	546108	10.416
LOWER LIMIT	66182	6.375	245242.5	7.657	136527	9.416
EPA SAMPLE NO.						
01 PB165039BL	125559	6.88	478277	8.15	268353	9.91
02 PB165039BS	123122	6.88	469130	8.16	266786	9.91
03 PB165039BSD	121736	6.88	462447	8.15	259407	9.91
04 SW-WTS-01	109415	6.88	404300	8.15	209765	9.91
05 RW5-SP100-20241114	115090	6.88	438706	8.15	246450	9.91
06 RW5-SP303-20241114	111180	6.88	421980	8.15	217249	9.90
07 WB-310-BOT	111857	6.88	425828	8.15	234373	9.91
08 WB-310-BOTMS	124435	6.88	465260	8.16	249636	9.91
09 WB-310-BOTMSD	115233	6.88	427479	8.16	231375	9.91
10 RW5-SP303-20241114RE	107774	6.87	401651	8.15	185909	9.90

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDCCC040

Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140501.D

Time Analyzed: 16:25

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	136554	6.875	508396	8.16	278192	9.91
	UPPER LIMIT	273108	7.375	1016792	8.657	556384	10.41
	LOWER LIMIT	68277	6.375	254198	7.657	139096	9.41
	EPA SAMPLE NO.						
01	PB165086BL	127581	6.87	485914	8.15	273616	9.90
02	RR-1	102192	6.88	367263	8.15	188972	9.90
03	MH-736	103352	6.88	381089	8.15	197730	9.90
04	MH-COTTAGE	102588	6.88	380523	8.15	198317	9.90
05	MH-763	104953	6.88	380272	8.15	189196	9.90
06	MH-762	100112	6.88	364052	8.15	187678	9.90
07	B-5	97789	6.88	331411	8.15	155672	9.90
08	TP-15	122908	6.88	441673	8.15	210624	9.90
09	WB-310-TOP	109793	6.88	377655	8.15	180123	9.90
10	BU-02-111824	122993	6.88	442750	8.15	208473	9.90
11	MH-759	103145	6.88	360315	8.15	157514	9.90
12	#72-11930DL	94716	6.88	318948	8.15	139993	9.91
13	SOIL-5	107776	6.88	358604	8.15	160401	9.91
14	SOIL-6	108224	6.88	360674	8.15	164153	9.91
15	SOIL-3	101523	6.88	323761	8.15	143091	9.91
16	SOIL-4	96480	6.88	314709	8.15	146621	9.91
17	SOIL-1	66956 *	6.88	215841 *	8.15	100423 *	9.91
18	SOIL-2	70010	6.88	219983 *	8.15	109485 *	9.91
19	MH-760	69026	6.88	234123 *	8.16	112914 *	9.91
20	PH2-BOT-001	59598 *	6.88	191112 *	8.15	92553 *	9.91
21	PH2-BOT-002	63329 *	6.88	204737 *	8.15	97802 *	9.91
22	PH2-BOT-008	61383 *	6.88	200329 *	8.16	94790 *	9.91
23	TP-1-WC	63266 *	6.88	207980 *	8.15	99169 *	9.91

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 21 2024 12:00AM

Lab File ID: BF140501.D Time Analyzed: 02:35

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	136554	6.875	508396	8.16	278192	9.91
UPPER LIMIT	273108	7.375	1016792	8.657	556384	10.41
LOWER LIMIT	68277	6.375	254198	7.657	139096	9.41
EPA SAMPLE NO.						
24 TP-2-WC	67130 *	6.88	212710 *	8.15	106740 *	9.91

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 09:57

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	632223	11.404	388943	14.051	311863	15.557
	UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
	LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
	EPA SAMPLE NO.						
01	PB165039BL	515282	11.40	344131	14.06	286700	15.58
02	PB165039BS	499057	11.40	288313	14.06	231323	15.57
03	PB165039BSD	492347	11.40	292939	14.06	237975	15.57
04	SW-WTS-01	331432	11.40	183045 *	14.05	217669	15.56
05	RW5-SP100-20241114	461031	11.40	281660	14.05	215486	15.56
06	RW5-SP303-20241114	429469	11.40	252845	14.05	112601 *	15.56
07	WB-310-BOT	439035	11.40	271644	14.05	222745	15.55
08	WB-310-BOTMS	454496	11.40	229017	14.06	239777	15.57
09	WB-310-BOTMSD	409075	11.40	206876	14.05	225913	15.54
10	RW5-SP303-20241114RE	383896	11.40	211068	14.04	81264 *	15.53
11	PB165086BL	524410	11.40	336229	14.05	269895	15.54
12	RR-1	319183	11.40	213543	14.05	212385	15.54
13	MH-736	340138	11.40	211819	14.04	212921	15.53
14	MH-COTTAGE	352738	11.40	211653	14.05	208834	15.53
15	MH-763	311331 *	11.40	206295	14.04	217003	15.53
16	MH-762	315574 *	11.40	202306	14.04	204013	15.53
17	B-5	250354 *	11.40	155764 *	14.06	143752 *	15.57
18	TP-15	346195	11.40	238329	14.04	223211	15.53
19	WB-310-TOP	278778 *	11.40	208770	14.05	217412	15.53
20	BU-02-111824	311174 *	11.40	243298	14.05	202545	15.53
21	MH-759	257723 *	11.40	211715	14.05	163614	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140336.D Time Analyzed: 21:21

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	632223	11.404	388943	14.051	311863	15.557
UPPER LIMIT	1264446	11.904	777886	14.551	623726	16.057
LOWER LIMIT	316111.5	10.904	194471.5	13.551	155931.5	15.057
EPA SAMPLE NO.						
22 #72-11930DL	239582 *	11.40	209277	14.05	175813	15.53
23 SOIL-5	277554 *	11.40	237366	14.05	185982	15.53
24 SOIL-6	294426 *	11.40	239458	14.05	181365	15.55
25 SOIL-3	281764 *	11.40	215041	14.05	157125	15.54
26 SOIL-4	284987 *	11.40	192365 *	14.05	146314 *	15.55
27 SOIL-1	192326 *	11.40	128755 *	14.05	95058 *	15.54
28 SOIL-2	221356 *	11.40	149187 *	14.05	109501 *	15.53
29 MH-760	223703 *	11.40	191311 *	14.05	143350 *	15.53
30 PH2-BOT-001	183658 *	11.40	124900 *	14.05	92662 *	15.55
31 PH2-BOT-002	194572 *	11.40	127683 *	14.05	95290 *	15.54
32 PH2-BOT-008	188306 *	11.40	131878 *	14.05	97046 *	15.54
33 TP-1-WC	196479 *	11.40	136406 *	14.05	99660 *	15.54
34 TP-2-WC	216797 *	11.40	130469 *	14.05	97922 *	15.55

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 09:57

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	628587	11.404	385940	14.063	322417	15.58
	UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
	LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
	EPA SAMPLE NO.						
01	PB165039BL	515282	11.40	344131	14.06	286700	15.58
02	PB165039BS	499057	11.40	288313	14.06	231323	15.57
03	PB165039BSD	492347	11.40	292939	14.06	237975	15.57
04	SW-WTS-01	331432	11.40	183045 *	14.05	217669	15.56
05	RW5-SP100-20241114	461031	11.40	281660	14.05	215486	15.56
06	RW5-SP303-20241114	429469	11.40	252845	14.05	112601 *	15.56
07	WB-310-BOT	439035	11.40	271644	14.05	222745	15.55
08	WB-310-BOTMS	454496	11.40	229017	14.06	239777	15.57
09	WB-310-BOTMSD	409075	11.40	206876	14.05	225913	15.54
10	RW5-SP303-20241114RE	383896	11.40	211068	14.04	81264 *	15.53
11	PB165086BL	524410	11.40	336229	14.05	269895	15.54
12	RR-1	319183	11.40	213543	14.05	212385	15.54
13	MH-736	340138	11.40	211819	14.04	212921	15.53
14	MH-COTTAGE	352738	11.40	211653	14.05	208834	15.53
15	MH-763	311331 *	11.40	206295	14.04	217003	15.53
16	MH-762	315574	11.40	202306	14.04	204013	15.53
17	B-5	250354 *	11.40	155764 *	14.06	143752 *	15.57
18	TP-15	346195	11.40	238329	14.04	223211	15.53
19	WB-310-TOP	278778 *	11.40	208770	14.05	217412	15.53
20	BU-02-111824	311174 *	11.40	243298	14.05	202545	15.53
21	MH-759	257723 *	11.40	211715	14.05	163614	15.53

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDICCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140340.D Time Analyzed: 21:21

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	628587	11.404	385940	14.063	322417	15.58
UPPER LIMIT	1257174	11.904	771880	14.563	644834	16.08
LOWER LIMIT	314293.5	10.904	192970	13.563	161208.5	15.08
EPA SAMPLE NO.						
22 #72-11930DL	239582 *	11.40	209277	14.05	175813	15.53
23 SOIL-5	277554 *	11.40	237366	14.05	185982	15.53
24 SOIL-6	294426 *	11.40	239458	14.05	181365	15.55
25 SOIL-3	281764 *	11.40	215041	14.05	157125 *	15.54
26 SOIL-4	284987 *	11.40	192365 *	14.05	146314 *	15.55
27 SOIL-1	192326 *	11.40	128755 *	14.05	95058 *	15.54
28 SOIL-2	221356 *	11.40	149187 *	14.05	109501 *	15.53
29 MH-760	223703 *	11.40	191311 *	14.05	143350 *	15.53
30 PH2-BOT-001	183658 *	11.40	124900 *	14.05	92662 *	15.55
31 PH2-BOT-002	194572 *	11.40	127683 *	14.05	95290 *	15.54
32 PH2-BOT-008	188306 *	11.40	131878 *	14.05	97046 *	15.54
33 TP-1-WC	196479 *	11.40	136406 *	14.05	99660 *	15.54
34 TP-2-WC	216797 *	11.40	130469 *	14.05	97922 *	15.55

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140488.D Time Analyzed: 09:57

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	510213	11.404	268548	14.051	246006	15.539
UPPER LIMIT	1020426	11.904	537096	14.551	492012	16.039
LOWER LIMIT	255106.5	10.904	134274	13.551	123003	15.039
EPA SAMPLE NO.						
01 PB165039BL	515282	11.40	344131	14.06	286700	15.58
02 PB165039BS	499057	11.40	288313	14.06	231323	15.57
03 PB165039BSD	492347	11.40	292939	14.06	237975	15.57
04 SW-WTS-01	331432	11.40	183045	14.05	217669	15.56
05 RW5-SP100-20241114	461031	11.40	281660	14.05	215486	15.56
06 RW5-SP303-20241114	429469	11.40	252845	14.05	112601 *	15.56
07 WB-310-BOT	439035	11.40	271644	14.05	222745	15.55
08 WB-310-BOTMS	454496	11.40	229017	14.06	239777	15.57
09 WB-310-BOTMSD	409075	11.40	206876	14.05	225913	15.54
10 RW5-SP303-20241114RE	383896	11.40	211068	14.04	81264 *	15.53

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.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 20 2024 12:00AM

Lab File ID: BF140501.D Time Analyzed: 16:25

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	526085	11.398	294226	14.045	277583	15.533
	UPPER LIMIT	1052170	11.898	588452	14.545	555166	16.033
	LOWER LIMIT	263042.5	10.898	147113	13.545	138791.5	15.033
	EPA SAMPLE NO.						
01	PB165086BL	524410	11.40	336229	14.05	269895	15.54
02	RR-1	319183	11.40	213543	14.05	212385	15.54
03	MH-736	340138	11.40	211819	14.04	212921	15.53
04	MH-COTTAGE	352738	11.40	211653	14.05	208834	15.53
05	MH-763	311331	11.40	206295	14.04	217003	15.53
06	MH-762	315574	11.40	202306	14.04	204013	15.53
07	B-5	250354 *	11.40	155764	14.06	143752	15.57
08	TP-15	346195	11.40	238329	14.04	223211	15.53
09	WB-310-TOP	278778	11.40	208770	14.05	217412	15.53
10	BU-02-111824	311174	11.40	243298	14.05	202545	15.53
11	MH-759	257723 *	11.40	211715	14.05	163614	15.53
12	#72-11930DL	239582 *	11.40	209277	14.05	175813	15.53
13	SOIL-5	277554	11.40	237366	14.05	185982	15.53
14	SOIL-6	294426	11.40	239458	14.05	181365	15.55
15	SOIL-3	281764	11.40	215041	14.05	157125	15.54
16	SOIL-4	284987	11.40	192365	14.05	146314	15.55
17	SOIL-1	192326 *	11.40	128755 *	14.05	95058 *	15.54
18	SOIL-2	221356 *	11.40	149187	14.05	109501 *	15.53
19	MH-760	223703 *	11.40	191311	14.05	143350	15.53
20	PH2-BOT-001	183658 *	11.40	124900 *	14.05	92662 *	15.55
21	PH2-BOT-002	194572 *	11.40	127683 *	14.05	95290 *	15.54

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BF112024 SAS No.: BF112024 SDG NO.: BF112024

EPA Sample No.: SSTDCCC040 Date Analyzed: Nov 21 2024 12:00AM

Lab File ID: BF140501.D Time Analyzed: 01:43

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	526085	11.398	294226	14.045	277583	15.533
UPPER LIMIT	1052170	11.898	588452	14.545	555166	16.033
LOWER LIMIT	263042.5	10.898	147113	13.545	138791.5	15.033
EPA SAMPLE NO.						
22 PH2-BOT-008	188306 *	11.40	131878 *	14.05	97046 *	15.54
23 TP-1-WC	196479 *	11.40	136406 *	14.05	99660 *	15.54
24 TP-2-WC	216797 *	11.40	130469 *	14.05	97922 *	15.55

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.: **BF112024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165039BS	n-Nitrosodimethylamine	50	42.2	ug/L	84				55	108		
	Pyridine	50	38.8	ug/L	78				29	97		
	Benzaldehyde	50	38.4	ug/L	77				10	162		
	Aniline	50	39.4	ug/L	79				10	130		
	Phenol	50	43.2	ug/L	86				66	118		
	bis(2-Chloroethyl)ether	50	43.6	ug/L	87				62	103		
	2-Chlorophenol	50	45.4	ug/L	91				70	117		
	1,2-Dichlorobenzene	50	43.9	ug/L	88				72	102		
	1,3-Dichlorobenzene	50	41.9	ug/L	84				71	103		
	1,4-Dichlorobenzene	50	42.4	ug/L	85				76	103		
	Benzyl Alcohol	50	45.5	ug/L	91				36	93		
	2-Methylphenol	50	43.6	ug/L	87				69	109		
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83				65	100		
	Acetophenone	50	42.4	ug/L	85				60	104		
	3+4-Methylphenols	50	43.8	ug/L	88				67	106		
	N-Nitroso-di-n-propylamine	50	42.2	ug/L	84				57	107		
	Hexachloroethane	50	42.7	ug/L	85				76	118		
	Nitrobenzene	50	41.1	ug/L	82				58	106		
	Isophorone	50	43.3	ug/L	87				61	102		
	2-Nitrophenol	50	44.7	ug/L	89				70	115		
	2,4-Dimethylphenol	50	54	ug/L	108				42	142		
	bis(2-Chloroethoxy)methane	50	43.3	ug/L	87				58	109		
	2,4-Dichlorophenol	50	44.8	ug/L	90				66	115		
	1,2,4-Trichlorobenzene	50	41.5	ug/L	83				41	115		
	Benzoic acid	50	42	ug/L	84				10	125		
	Naphthalene	50	42.9	ug/L	86				64	107		
	4-Chloroaniline	50	22.7	ug/L	45				10	85		
	Hexachlorobutadiene	50	42.5	ug/L	85				69	101		
	Caprolactam	50	44.1	ug/L	88				58	128		
	4-Chloro-3-methylphenol	50	44.8	ug/L	90				65	114		
	2-Methylnaphthalene	50	43.9	ug/L	88				64	107		
	Hexachlorocyclopentadiene	100	160	ug/L	160				36	160		
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110		
	2,4,5-Trichlorophenol	50	42.6	ug/L	85				70	106		
	1,1-Biphenyl	50	42.8	ug/L	86				72	98		
	2-Chloronaphthalene	50	41.9	ug/L	84				59	106		
	2-Nitroaniline	50	43.6	ug/L	87				73	114		
	Dimethylphthalate	50	44.1	ug/L	88				64	103		
	Acenaphthylene	50	46.2	ug/L	92				79	103		
	2,6-Dinitrotoluene	50	42.9	ug/L	86				64	110		
	3-Nitroaniline	50	28.7	ug/L	57				28	100		
	Acenaphthene	50	49.2	ug/L	98				59	113		
	Total PAH	800	739.2	ug/L	92				59	113		
	2,4-Dinitrophenol	100	89.3	ug/L	89				36	166		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165039BS	4-Nitrophenol	100	81.6	ug/L	82				45	147	
	Dibenzofuran	50	44.2	ug/L	88				65	106	
	2,4-Dinitrotoluene	50	43.1	ug/L	86				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	86	ug/L	86				60	115	
	Diethylphthalate	50	43.1	ug/L	86				63	105	
	4-Chlorophenyl-phenylether	50	43.3	ug/L	87				61	104	
	Fluorene	50	43.3	ug/L	87				64	107	
	4-Nitroaniline	50	41.9	ug/L	84				55	125	
	4,6-Dinitro-2-methylphenol	50	47.3	ug/L	95				62	132	
	N-Nitrosodiphenylamine	50	44.9	ug/L	90				61	109	
	Azobenzene	50	42.8	ug/L	86				59	106	
	4-Bromophenyl-phenylether	50	44.1	ug/L	88				73	103	
	Hexachlorobenzene	50	44.2	ug/L	88				73	106	
	Atrazine	50	49.5	ug/L	99				76	120	
	Pentachlorophenol	100	84.3	ug/L	84				47	114	
	Phenanthrene	50	44.5	ug/L	89				62	109	
	Anthracene	50	46.9	ug/L	94				65	110	
	Carbazole	50	43.6	ug/L	87				62	106	
	Di-n-butylphthalate	50	44.3	ug/L	89				64	106	
	Fluoranthene	50	43.9	ug/L	88				64	110	
	Benzidine	100	23.7	ug/L	24				10	94	
	Pyrene	50	46.9	ug/L	94				71	103	
	Butylbenzylphthalate	50	48.3	ug/L	97				61	105	
	3,3-Dichlorobenzidine	50	28.7	ug/L	57				43	108	
	Benzo(a)anthracene	50	46.9	ug/L	94				62	107	
	Chrysene	50	43.9	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50	47	ug/L	94				59	110	
	Di-n-octyl phthalate	50	44.6	ug/L	89				52	139	
	Benzo(b)fluoranthene	50	42.6	ug/L	85				77	113	
	Benzo(k)fluoranthene	50	46.2	ug/L	92				77	105	
	Benzo(a)pyrene	50	48.8	ug/L	98				72	131	
	Indeno(1,2,3-cd)pyrene	50	50.5	ug/L	101				72	105	
	Dibenz(a,h)anthracene	50	50.1	ug/L	100				78	115	
	Benzo(g,h,i)perylene	50	46.4	ug/L	93				75	118	
	1,2,4,5-Tetrachlorobenzene	50	42.9	ug/L	86				72	101	
	1,4-Dioxane	50	37.4	ug/L	75				38	125	
	2,3,4,6-Tetrachlorophenol	50	45.2	ug/L	90				63	116	
	1-Methylnaphthalene	50	41.6	ug/L	83				51	114	
PB165039BSD	n-Nitrosodimethylamine	50	41.3	ug/L	83	2			55	108	20
	Pyridine	50	39.2	ug/L	78	1			29	97	20
	Benzaldehyde	50	38.3	ug/L	77	0			10	162	20
	Aniline	50	37.4	ug/L	75	5			10	130	20
	Phenol	50	42.4	ug/L	85	2			66	118	20
	bis(2-Chloroethyl)ether	50	44.1	ug/L	88	1			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165039BSD	2-Chlorophenol	50	44.9	ug/L	90	1			70	117	20
	1,2-Dichlorobenzene	50	43.4	ug/L	87	1			72	102	20
	1,3-Dichlorobenzene	50	41.9	ug/L	84	0			71	103	20
	1,4-Dichlorobenzene	50	41.8	ug/L	84	1			76	103	20
	Benzyl Alcohol	50	45	ug/L	90	1			36	93	20
	2-Methylphenol	50	43.3	ug/L	87	1			69	109	20
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83	0			65	100	20
	Acetophenone	50	42.8	ug/L	86	1			60	104	20
	3+4-Methylphenols	50	43.9	ug/L	88	0			67	106	20
	N-Nitroso-di-n-propylamine	50	41.9	ug/L	84	1			57	107	20
	Hexachloroethane	50	42.1	ug/L	84	1			76	118	20
	Nitrobenzene	50	41.3	ug/L	83	0			58	106	20
	Isophorone	50	43.3	ug/L	87	0			61	102	20
	2-Nitrophenol	50	44.9	ug/L	90	0			70	115	20
	2,4-Dimethylphenol	50	53.1	ug/L	106	2			42	142	20
	bis(2-Chloroethoxy)methane	50	42.6	ug/L	85	2			58	109	20
	2,4-Dichlorophenol	50	44.8	ug/L	90	0			66	115	20
	1,2,4-Trichlorobenzene	50	41.3	ug/L	83	0			41	115	20
	Benzoic acid	50	42.5	ug/L	85	1			10	125	20
	Naphthalene	50	43	ug/L	86	0			64	107	20
	4-Chloroaniline	50	20.2	ug/L	40	12			10	85	20
	Hexachlorobutadiene	50	41.8	ug/L	84	2			69	101	20
	Caprolactam	50	43.2	ug/L	86	2			58	128	20
	4-Chloro-3-methylphenol	50	45.5	ug/L	91	2			65	114	20
	2-Methylnaphthalene	50	43.6	ug/L	87	1			64	107	20
	Hexachlorocyclopentadiene	100	160	ug/L	160	0			36	160	20
	2,4,6-Trichlorophenol	50	44.5	ug/L	89	1			61	110	20
	2,4,5-Trichlorophenol	50	42.9	ug/L	86	1			70	106	20
	1,1-Biphenyl	50	43.3	ug/L	87	1			72	98	20
	2-Chloronaphthalene	50	42.6	ug/L	85	2			59	106	20
	2-Nitroaniline	50	44.7	ug/L	89	2			73	114	20
	Dimethylphthalate	50	45.1	ug/L	90	2			64	103	20
	Acenaphthylene	50	46.8	ug/L	94	1			79	103	20
	2,6-Dinitrotoluene	50	43.4	ug/L	87	1			64	110	20
	3-Nitroaniline	50	28	ug/L	56	2			28	100	20
	Acenaphthene	50	49.1	ug/L	98	0			59	113	20
	Total PAH	800	737.5	ug/L	92	0			59	113	20
	2,4-Dinitrophenol	100	90.3	ug/L	90	1			36	166	20
	4-Nitrophenol	100	83.4	ug/L	83	2			45	147	20
	Dibenzofuran	50	44.5	ug/L	89	1			65	106	20
	2,4-Dinitrotoluene	50	44.7	ug/L	89	4			60	115	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	88.1	ug/L	88	2			60	115	20
	Diethylphthalate	50	44.2	ug/L	88	3			63	105	20
	4-Chlorophenyl-phenylether	50	44	ug/L	88	2			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF112024**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB165039BSD	Fluorene	50	44.3	ug/L	89	2			64	107	20
	4-Nitroaniline	50	43.2	ug/L	86	3			55	125	20
	4,6-Dinitro-2-methylphenol	50	47.9	ug/L	96	1			62	132	20
	N-Nitrosodiphenylamine	50	45.6	ug/L	91	2			61	109	20
	Azobenzene	50	44.2	ug/L	88	3			59	106	20
	4-Bromophenyl-phenylether	50	44.6	ug/L	89	1			73	103	20
	Hexachlorobenzene	50	44.2	ug/L	88	0			73	106	20
	Atrazine	50	50	ug/L	100	1			76	120	20
	Pentachlorophenol	100	84.5	ug/L	85	0			47	114	20
	Phenanthrene	50	45	ug/L	90	1			62	109	20
	Anthracene	50	47.6	ug/L	95	1			65	110	20
	Carbazole	50	44.4	ug/L	89	2			62	106	20
	Di-n-butylphthalate	50	44.4	ug/L	89	0			64	106	20
	Fluoranthene	50	44.4	ug/L	89	1			64	110	20
	Benzidine	100	25.3	ug/L	25	7			10	94	20
	Pyrene	50	46.6	ug/L	93	1			71	103	20
	Butylbenzylphthalate	50	47.9	ug/L	96	1			61	105	20
	3,3-Dichlorobenzidine	50	29	ug/L	58	1			43	108	20
	Benzo(a)anthracene	50	44.8	ug/L	90	5			62	107	20
	Chrysene	50	45.5	ug/L	91	4			61	108	20
	bis(2-Ethylhexyl)phthalate	50	47.2	ug/L	94	0			59	110	20
	Di-n-octyl phthalate	50	45.1	ug/L	90	1			52	139	20
	Benzo(b)fluoranthene	50	42.5	ug/L	85	0			77	113	20
	Benzo(k)fluoranthene	50	46.4	ug/L	93	0			77	105	20
	Benzo(a)pyrene	50	48.7	ug/L	97	0			72	131	20
	Indeno(1,2,3-cd)pyrene	50	49.1	ug/L	98	3			72	105	20
	Dibenz(a,h)anthracene	50	48.7	ug/L	97	3			78	115	20
	Benzo(g,h,i)perylene	50	45	ug/L	90	3			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	43.4	ug/L	87	1			72	101	20
	1,4-Dioxane	50	37.8	ug/L	76	1			38	125	20
	2,3,4,6-Tetrachlorophenol	50	47.2	ug/L	94	4			63	116	20
	1-Methylnaphthalene	50	41.3	ug/L	83	1			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

B-5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140508.D

Lab Sample ID: P4768-05

Instrument ID: BNA_F

Date Extracted: 11/08/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/20/2024

Level: (low/med) LOW

Time Analyzed: 19:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
B-5	P4768-05	BF140508.D	11/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SOIL-5

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140514.D

Lab Sample ID: P4822-10

Instrument ID: BNA_F

Date Extracted: 11/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/20/2024

Level: (low/med) LOW

Time Analyzed: 21:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SOIL-5	P4822-10	BF140514.D	11/20/2024
SOIL-6	P4822-12	BF140515.D	11/20/2024
SOIL-3	P4822-06	BF140516.D	11/20/2024
SOIL-4	P4822-08	BF140517.D	11/20/2024
SOIL-1	P4822-02	BF140518.D	11/20/2024
SOIL-2	P4822-04	BF140519.D	11/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-15

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140509.D

Lab Sample ID: P4870-10

Instrument ID: BNA_F

Date Extracted: 11/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/20/2024

Level: (low/med) LOW

Time Analyzed: 19:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-15	P4870-10	BF140509.D	11/20/2024
MH-736	P4870-07	BF140504.D	11/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

MH-760

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140520.D

Lab Sample ID: P4887-05

Instrument ID: BNA_F

Date Extracted: 11/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/21/2024

Level: (low/med) LOW

Time Analyzed: 00:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MH-760	P4887-05	BF140520.D	11/21/2024
PH2-BOT-001	P4860-02	BF140521.D	11/21/2024
PH2-BOT-002	P4860-03	BF140522.D	11/21/2024
PH2-BOT-008	P4860-07	BF140523.D	11/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165039BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140489.D

Lab Sample ID: PB165039BL

Instrument ID: BNA_F

Date Extracted: 11/16/2024

Matrix: (soil/water) Water

Date Analyzed: 11/20/2024

Level: (low/med) LOW

Time Analyzed: 09:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB165039BS	PB165039BS	BF140490.D	11/20/2024
PB165039BSD	PB165039BSD	BF140491.D	11/20/2024
SW-WTS-01	P4843-01	BF140492.D	11/20/2024
RW5-SP100-20241114	P4868-01	BF140493.D	11/20/2024
RW5-SP303-20241114	P4868-03	BF140494.D	11/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

RR-1

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140503.D

Lab Sample ID: P4849-02

Instrument ID: BNA_F

Date Extracted: 11/18/2024

Matrix: (soil/water) water

Date Analyzed: 11/20/2024

Level: (low/med) LOW

Time Analyzed: 16:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
RR-1	P4849-02	BF140503.D	11/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB165086BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140502.D

Lab Sample ID: PB165086BL

Instrument ID: BNA_F

Date Extracted: 11/19/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/20/2024

Level: (low/med) LOW

Time Analyzed: 16:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
WB-310-BOT	P4892-02	BF140495.D	11/20/2024
WB-310-BOTMS	P4892-02MS	BF140496.D	11/20/2024
WB-310-BOTMSD	P4892-02MSD	BF140497.D	11/20/2024
MH-COTTAGE	P4910-01	BF140505.D	11/20/2024
MH-763	P4893-01	BF140506.D	11/20/2024
MH-762	P4893-05	BF140507.D	11/20/2024
WB-310-TOP	P4892-01	BF140510.D	11/20/2024
BU-02-111824	P4909-01	BF140511.D	11/20/2024
MH-759	P4910-05	BF140512.D	11/20/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP-1-WC

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF112024

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140524.D

Lab Sample ID: P4916-01

Instrument ID: BNA_F

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/21/2024

Level: (low/med) LOW

Time Analyzed: 02:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP-1-WC	P4916-01	BF140524.D	11/21/2024
TP-2-WC	P4916-05	BF140525.D	11/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4892-02MS		Client Sample ID: WB-310-BOTMS		DataFile: BF140496.D							
n-Nitrosodimethylamine	1900		1600	ug/Kg	84				66	124	
Pyridine	1900		1300	ug/Kg	68				45	119	
Benzaldehyde	1900		0	ug/Kg	0	*			10	86	
Aniline	1900		1500	ug/Kg	79				10	88	
Phenol	1900		1700	ug/Kg	89				67	126	
bis(2-Chloroethyl)ether	1900		1700	ug/Kg	89				54	125	
2-Chlorophenol	1900		1700	ug/Kg	89				79	107	
1,2-Dichlorobenzene	1900		1700	ug/Kg	89				61	105	
1,3-Dichlorobenzene	1900		1600	ug/Kg	84				62	101	
1,4-Dichlorobenzene	1900		1600	ug/Kg	84				63	104	
Benzyl Alcohol	1900		1700	ug/Kg	89				47	126	
2-Methylphenol	1900		1600	ug/Kg	84				66	122	
2,2-oxybis(1-Chloropropane)	1900		1600	ug/Kg	84				65	110	
Acetophenone	1900		1600	ug/Kg	84				75	111	
3+4-Methylphenols	1900		1600	ug/Kg	84				66	104	
N-Nitroso-di-n-propylamine	1900		1600	ug/Kg	84				59	119	
Hexachloroethane	1900		1700	ug/Kg	89				65	117	
Nitrobenzene	1900		1600	ug/Kg	84				70	119	
Isophorone	1900		1700	ug/Kg	89				76	122	
2-Nitrophenol	1900		1700	ug/Kg	89				54	145	
2,4-Dimethylphenol	1900		2000	ug/Kg	105				44	135	
bis(2-Chloroethoxy)methane	1900		1700	ug/Kg	89				68	112	
2,4-Dichlorophenol	1900		1700	ug/Kg	89				72	118	
1,2,4-Trichlorobenzene	1900		1600	ug/Kg	84				57	103	
Benzoic acid	1900		1500	ug/Kg	79				50	104	
Naphthalene	1900		1600	ug/Kg	84				72	110	
4-Chloroaniline	1900		650	ug/Kg	34				10	91	
Hexachlorobutadiene	1900		1600	ug/Kg	84				66	114	
Caprolactam	1900		1600	ug/Kg	84				51	134	
4-Chloro-3-methylphenol	1900		1700	ug/Kg	89				57	132	
2-Methylnaphthalene	1900		1700	ug/Kg	89				59	123	
Hexachlorocyclopentadiene	3900		6600	ug/Kg	169				10	175	
2,4,6-Trichlorophenol	1900		1700	ug/Kg	89				72	117	
2,4,5-Trichlorophenol	1900		1700	ug/Kg	89				72	117	
1,1-Biphenyl	1900		1700	ug/Kg	89				75	113	
2-Chloronaphthalene	1900		1700	ug/Kg	89				67	118	
2-Nitroaniline	1900		1700	ug/Kg	89				69	127	
Dimethylphthalate	1900		1800	ug/Kg	95				70	113	
Acenaphthylene	1900		1800	ug/Kg	95				79	118	
2,6-Dinitrotoluene	1900		1700	ug/Kg	89				70	125	
3-Nitroaniline	1900		1100	ug/Kg	58				30	99	
Acenaphthene	1900		1900	ug/Kg	100				70	121	
Total PAH	30400		28800	ug/Kg	95				70	121	
2,4-Dinitrophenol	3900		3300	ug/Kg	85				10	155	
4-Nitrophenol	3900		3100	ug/Kg	79				45	133	
Dibenzofuran	1900		1700	ug/Kg	89				72	110	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112024

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		1700	ug/Kg	89				55	128	
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		3400	ug/Kg	89				55	128	
Diethylphthalate	1900		1700	ug/Kg	89				70	112	
4-Chlorophenyl-phenylether	1900		1700	ug/Kg	89				71	108	
Fluorene	1900		1700	ug/Kg	89				68	116	
4-Nitroaniline	1900		1600	ug/Kg	84				55	120	
4,6-Dinitro-2-methylphenol	1900		1800	ug/Kg	95				10	160	
N-Nitrosodiphenylamine	1900		1800	ug/Kg	95				73	118	
Azobenzene	1900		1800	ug/Kg	95				73	110	
4-Bromophenyl-phenylether	1900		1800	ug/Kg	95				65	121	
Hexachlorobenzene	1900		1700	ug/Kg	89				67	118	
Atrazine	1900		1900	ug/Kg	100				79	127	
Pentachlorophenol	3900		3100	ug/Kg	79				47	128	
Phenanthrene	1900		1700	ug/Kg	89				52	128	
Anthracene	1900		1800	ug/Kg	95				62	124	
Carbazole	1900		1600	ug/Kg	84				59	119	
Di-n-butylphthalate	1900		1700	ug/Kg	89				69	118	
Fluoranthene	1900		1500	ug/Kg	79				44	125	
Benzidine	3900		370	ug/Kg	9	*			10	119	
Pyrene	1900		1900	ug/Kg	100				26	142	
Butylbenzylphthalate	1900		1900	ug/Kg	100				64	126	
3,3-Dichlorobenzidine	1900		1300	ug/Kg	68				33	116	
Benzo(a)anthracene	1900		1800	ug/Kg	95				71	114	
Chrysene	1900		1800	ug/Kg	95				57	121	
bis(2-Ethylhexyl)phthalate	1900		1900	ug/Kg	100				42	169	
Di-n-octyl phthalate	1900		1900	ug/Kg	100				23	175	
Benzo(b)fluoranthene	1900		1600	ug/Kg	84				67	121	
Benzo(k)fluoranthene	1900		1700	ug/Kg	89				57	134	
Benzo(a)pyrene	1900		1900	ug/Kg	100				70	142	
Indeno(1,2,3-cd)pyrene	1900		2100	ug/Kg	111				40	129	
Dibenz(a,h)anthracene	1900		2100	ug/Kg	111				43	123	
Benzo(g,h,i)perylene	1900		1900	ug/Kg	100				24	125	
1,2,4,5-Tetrachlorobenzene	1900		1700	ug/Kg	89				69	124	
1,4-Dioxane	1900		1400	ug/Kg	74				46	112	
2,3,4,6-Tetrachlorophenol	1900		1800	ug/Kg	95				69	112	
1-Methylnaphthalene	1900		1600	ug/Kg	84				70	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: P4892-02MSD		Client Sample ID: WB-310-BOTMSD		DataFile: BF140497.D							
n-Nitrosodimethylamine	1900		1900	ug/Kg	100		17		66	124	20
Pyridine	1900		1700	ug/Kg	89		27	*	45	119	20
Benzaldehyde	1900		210	ug/Kg	11		200	*	10	86	20
Aniline	1900		1800	ug/Kg	95	*	18		10	88	20
Phenol	1900		1900	ug/Kg	100		12		67	126	20
bis(2-Chloroethyl)ether	1900		2000	ug/Kg	105		16		54	125	20
2-Chlorophenol	1900		2000	ug/Kg	105		16		79	107	20
1,2-Dichlorobenzene	1900		1900	ug/Kg	100		12		61	105	20
1,3-Dichlorobenzene	1900		1900	ug/Kg	100		17		62	101	20
1,4-Dichlorobenzene	1900		1900	ug/Kg	100		17		63	104	20
Benzyl Alcohol	1900		2000	ug/Kg	105		16		47	126	20
2-Methylphenol	1900		1900	ug/Kg	100		17		66	122	20
2,2-oxybis(1-Chloropropane)	1900		1900	ug/Kg	100		17		65	110	20
Acetophenone	1900		1900	ug/Kg	100		17		75	111	20
3+4-Methylphenols	1900		1900	ug/Kg	100		17		66	104	20
N-Nitroso-di-n-propylamine	1900		1800	ug/Kg	95		12		59	119	20
Hexachloroethane	1900		1900	ug/Kg	100		12		65	117	20
Nitrobenzene	1900		1900	ug/Kg	100		17		70	119	20
Isophorone	1900		2000	ug/Kg	105		16		76	122	20
2-Nitrophenol	1900		2100	ug/Kg	111		22	*	54	145	20
2,4-Dimethylphenol	1900		2400	ug/Kg	126		18		44	135	20
bis(2-Chloroethoxy)methane	1900		1900	ug/Kg	100		12		68	112	20
2,4-Dichlorophenol	1900		2000	ug/Kg	105		16		72	118	20
1,2,4-Trichlorobenzene	1900		1900	ug/Kg	100		17		57	103	20
Benzoic acid	1900		1800	ug/Kg	95		18		50	104	20
Naphthalene	1900		1900	ug/Kg	100		17		72	110	20
4-Chloroaniline	1900		770	ug/Kg	41		19		10	91	20
Hexachlorobutadiene	1900		1900	ug/Kg	100		17		66	114	20
Caprolactam	1900		1900	ug/Kg	100		17		51	134	20
4-Chloro-3-methylphenol	1900		1900	ug/Kg	100		12		57	132	20
2-Methylnaphthalene	1900		1900	ug/Kg	100		12		59	123	20
Hexachlorocyclopentadiene	3900		7800	ug/Kg	200	*	17		10	175	20
2,4,6-Trichlorophenol	1900		2000	ug/Kg	105		16		72	117	20
2,4,5-Trichlorophenol	1900		1900	ug/Kg	100		12		72	117	20
1,1-Biphenyl	1900		1900	ug/Kg	100		12		75	113	20
2-Chloronaphthalene	1900		1900	ug/Kg	100		12		67	118	20
2-Nitroaniline	1900		2000	ug/Kg	105		16		69	127	20
Dimethylphthalate	1900		2000	ug/Kg	105		10		70	113	20
Acenaphthylene	1900		2100	ug/Kg	111		16		79	118	20
2,6-Dinitrotoluene	1900		1900	ug/Kg	100		12		70	125	20
3-Nitroaniline	1900		1300	ug/Kg	68		16		30	99	20
Acenaphthene	1900		2200	ug/Kg	116		15		70	121	20
Total PAH	30400		33200	ug/Kg	109		14		70	121	20
2,4-Dinitrophenol	3900		3900	ug/Kg	100		16		10	155	20
4-Nitrophenol	3900		3500	ug/Kg	90		13		45	133	20
Dibenzofuran	1900		2000	ug/Kg	105		16		72	110	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BF112024

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
2,4-Dinitrotoluene	1900		1900	ug/Kg	100		12		55	128	20
2,4-Dinitrotoluene/2,6-Dinitrotol	3800		3800	ug/Kg	100		12		55	128	20
Diethylphthalate	1900		2000	ug/Kg	105		16		70	112	20
4-Chlorophenyl-phenylether	1900		2000	ug/Kg	105		16		71	108	20
Fluorene	1900		1900	ug/Kg	100		12		68	116	20
4-Nitroaniline	1900		1800	ug/Kg	95		12		55	120	20
4,6-Dinitro-2-methylphenol	1900		2200	ug/Kg	116		20		10	160	20
N-Nitrosodiphenylamine	1900		2100	ug/Kg	111		16		73	118	20
Azobenzene	1900		2100	ug/Kg	111	*	16		73	110	20
4-Bromophenyl-phenylether	1900		2100	ug/Kg	111		16		65	121	20
Hexachlorobenzene	1900		2100	ug/Kg	111		22	*	67	118	20
Atrazine	1900		2200	ug/Kg	116		15		79	127	20
Pentachlorophenol	3900		3800	ug/Kg	97		20		47	128	20
Phenanthrene	1900		2000	ug/Kg	105		16		52	128	20
Anthracene	1900		2100	ug/Kg	111		16		62	124	20
Carbazole	1900		1900	ug/Kg	100		17		59	119	20
Di-n-butylphthalate	1900		2000	ug/Kg	105		16		69	118	20
Fluoranthene	1900		1800	ug/Kg	95		18		44	125	20
Benzidine	3900		730	ug/Kg	19		71	*	10	119	20
Pyrene	1900		2200	ug/Kg	116		15		26	142	20
Butylbenzylphthalate	1900		2200	ug/Kg	116		15		64	126	20
3,3-Dichlorobenzidine	1900		1500	ug/Kg	79		15		33	116	20
Benzo(a)anthracene	1900		2100	ug/Kg	111		16		71	114	20
Chrysene	1900		2000	ug/Kg	105		10		57	121	20
bis(2-Ethylhexyl)phthalate	1900		2100	ug/Kg	111		10		42	169	20
Di-n-octyl phthalate	1900		2300	ug/Kg	121		19		23	175	20
Benzo(b)fluoranthene	1900		1900	ug/Kg	100		17		67	121	20
Benzo(k)fluoranthene	1900		1800	ug/Kg	95		7		57	134	20
Benzo(a)pyrene	1900		2200	ug/Kg	116		15		70	142	20
Indeno(1,2,3-cd)pyrene	1900		2400	ug/Kg	126		13		40	129	20
Dibenz(a,h)anthracene	1900		2400	ug/Kg	126	*	13		43	123	20
Benzo(g,h,i)perylene	1900		2200	ug/Kg	116		15		24	125	20
1,2,4,5-Tetrachlorobenzene	1900		2000	ug/Kg	105		16		69	124	20
1,4-Dioxane	1900		1700	ug/Kg	89		18		46	112	20
2,3,4,6-Tetrachlorophenol	1900		2100	ug/Kg	111		16		69	112	20
1-Methylnaphthalene	1900		1800	ug/Kg	95		12		70	130	20

Surrogate Summary

SW-846

SDG No.: BF112024

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4768-05	B-5	BF140508.D	2-Fluorophenol	150	91.68	61		18	112
			Phenol-d6	150	85.59	57		15	107
			Nitrobenzene-d5	100	65.29	65		18	107
			2-Fluorobiphenyl	100	72.31	72		20	109
			2,4,6-Tribromophenol	150	82.04	55		10	116
			Terphenyl-d14	100	63.66	64		10	105

Surrogate Summary

SW-846

SDG No.: **BF112024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4822-02	SOIL-1	BF140518.D	2-Fluorophenol	150	79.94	53		18	112
			Phenol-d6	150	71.07	47		15	107
			Nitrobenzene-d5	100	57.06	57		18	107
			2-Fluorobiphenyl	100	66.61	67		20	109
			2,4,6-Tribromophenol	150	85.49	57		10	116
			Terphenyl-d14	100	62.74	63		10	105
P4822-04	SOIL-2	BF140519.D	2-Fluorophenol	150	78.49	52		18	112
			Phenol-d6	150	69.11	46		15	107
			Nitrobenzene-d5	100	56.19	56		18	107
			2-Fluorobiphenyl	100	62.03	62		20	109
			2,4,6-Tribromophenol	150	87.27	58		10	116
			Terphenyl-d14	100	62.30	62		10	105
P4822-06	SOIL-3	BF140516.D	2-Fluorophenol	150	99.13	66		18	112
			Phenol-d6	150	88.51	59		15	107
			Nitrobenzene-d5	100	73.94	74		18	107
			2-Fluorobiphenyl	100	86.37	86		20	109
			2,4,6-Tribromophenol	150	110.64	74		10	116
			Terphenyl-d14	100	72.43	72		10	105
P4822-08	SOIL-4	BF140517.D	2-Fluorophenol	150	84.98	57		18	112
			Phenol-d6	150	76.31	51		15	107
			Nitrobenzene-d5	100	60.49	60		18	107
			2-Fluorobiphenyl	100	70.98	71		20	109
			2,4,6-Tribromophenol	150	89.88	60		10	116
			Terphenyl-d14	100	66.43	66		10	105
P4822-10	SOIL-5	BF140514.D	2-Fluorophenol	150	78.14	52		18	112
			Phenol-d6	150	70.24	47		15	107
			Nitrobenzene-d5	100	55.14	55		18	107
			2-Fluorobiphenyl	100	66.21	66		20	109
			2,4,6-Tribromophenol	150	75.25	50		10	116
			Terphenyl-d14	100	49.80	50		10	105
P4822-12	SOIL-6	BF140515.D	2-Fluorophenol	150	97.92	65		18	112
			Phenol-d6	150	88.11	59		15	107
			Nitrobenzene-d5	100	69.91	70		18	107
			2-Fluorobiphenyl	100	80.72	81		20	109
			2,4,6-Tribromophenol	150	97.88	65		10	116
			Terphenyl-d14	100	64.21	64		10	105

Surrogate Summary

SW-846

SDG No.: **BF112024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4870-07	MH-736	BF140504.D	2-Fluorophenol	150	95.32	64		18	112
			Phenol-d6	150	91.06	61		15	107
			Nitrobenzene-d5	100	65.53	66		18	107
			2-Fluorobiphenyl	100	66.69	67		20	109
			2,4,6-Tribromophenol	150	94.13	63		10	116
			Terphenyl-d14	100	61.04	61		10	105
P4870-10	TP-15	BF140509.D	2-Fluorophenol	150	90.02	60		18	112
			Phenol-d6	150	85.85	57		15	107
			Nitrobenzene-d5	100	62.62	63		18	107
			2-Fluorobiphenyl	100	66.80	67		20	109
			2,4,6-Tribromophenol	150	83.04	55		10	116
			Terphenyl-d14	100	52.98	53		10	105

Surrogate Summary

SW-846

SDG No.: **BF112024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4860-02	PH2-BOT-001	BF140521.D	2-Fluorophenol	150	100.66	67		18	112
			Phenol-d6	150	89.86	60		15	107
			Nitrobenzene-d5	100	74.26	74		18	107
			2-Fluorobiphenyl	100	83.75	84		20	109
			2,4,6-Tribromophenol	150	116.44	78		10	116
			Terphenyl-d14	100	82.57	83		10	105
P4860-03	PH2-BOT-002	BF140522.D	2-Fluorophenol	150	109.33	73		18	112
			Phenol-d6	150	96.57	64		15	107
			Nitrobenzene-d5	100	78.03	78		18	107
			2-Fluorobiphenyl	100	89.80	90		20	109
			2,4,6-Tribromophenol	150	123.11	82		10	116
			Terphenyl-d14	100	87.62	88		10	105
P4860-07	PH2-BOT-008	BF140523.D	2-Fluorophenol	150	91.65	61		18	112
			Phenol-d6	150	80.76	54		15	107
			Nitrobenzene-d5	100	63.80	64		18	107
			2-Fluorobiphenyl	100	73.31	73		20	109
			2,4,6-Tribromophenol	150	99.45	66		10	116
			Terphenyl-d14	100	71.51	72		10	105
P4887-05	MH-760	BF140520.D	2-Fluorophenol	150	63.81	43		18	112
			Phenol-d6	150	57.76	39		15	107
			Nitrobenzene-d5	100	42.52	43		18	107
			2-Fluorobiphenyl	100	49.35	49		20	109
			2,4,6-Tribromophenol	150	66.99	45		10	116
			Terphenyl-d14	100	41.18	41		10	105
P4889-05DL	#72-11930DL	BF140513.D	2-Fluorophenol	150	84.47	56		18	112
			Phenol-d6	150	77.97	52		15	107
			Nitrobenzene-d5	100	57.44	57		18	107
			2-Fluorobiphenyl	100	77.11	77		20	109
			2,4,6-Tribromophenol	150	71.83	48		10	116
			Terphenyl-d14	100	56.42	56		10	105

Surrogate Summary

SW-846

SDG No.: **BF112024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4843-01	SW-WTS-01	BF140492.D	2-Fluorophenol	150	67.61	45		10	139
			Phenol-d6	150	41.31	28		10	134
			Nitrobenzene-d5	100	93.27	93		49	133
			2-Fluorobiphenyl	100	97.72	98		52	132
			2,4,6-Tribromophenol	150	135.35	90		44	137
			Terphenyl-d14	100	93.37	93		48	125
P4868-01	RW5-SP100-20241	BF140493.D	2-Fluorophenol	150	68.78	46		10	139
			Phenol-d6	150	41.57	28		10	134
			Nitrobenzene-d5	100	104.37	104		49	133
			2-Fluorobiphenyl	100	102.48	102		52	132
			2,4,6-Tribromophenol	150	160.12	107		44	137
			Terphenyl-d14	100	102.64	103		48	125
P4868-03	RW5-SP303-20241	BF140494.D	2-Fluorophenol	150	65.86	44		10	139
			Phenol-d6	150	38.44	26		10	134
			Nitrobenzene-d5	100	103.85	104		49	133
			2-Fluorobiphenyl	100	110.08	110		52	132
			2,4,6-Tribromophenol	150	166.95	111		44	137
			Terphenyl-d14	100	108.41	108		48	125
P4868-03RE	RW5-SP303-20241	BF140498.D	2-Fluorophenol	150	65.80	44		10	139
			Phenol-d6	150	36.91	25		10	134
			Nitrobenzene-d5	100	105.53	106		49	133
			2-Fluorobiphenyl	100	120.40	120		52	132
			2,4,6-Tribromophenol	150	177.13	118		44	137
			Terphenyl-d14	100	119.84	120		48	125
PB165039BL	PB165039BL	BF140489.D	2-Fluorophenol	150	125.17	83		10	139
			Phenol-d6	150	120.19	80		10	134
			Nitrobenzene-d5	100	86.80	87		49	133
			2-Fluorobiphenyl	100	90.25	90		52	132
			2,4,6-Tribromophenol	150	127.96	85		44	137
			Terphenyl-d14	100	87.11	87		48	125
PB165039BS	PB165039BS	BF140490.D	2-Fluorophenol	150	121.10	81		10	139
			Phenol-d6	150	117.16	78		10	134
			Nitrobenzene-d5	100	83.10	83		49	133
			2-Fluorobiphenyl	100	84.48	84		52	132
			2,4,6-Tribromophenol	150	129.69	86		44	137
			Terphenyl-d14	100	94.76	95		48	125
PB165039BSD	PB165039BSD	BF140491.D	2-Fluorophenol	150	120.89	81		10	139
			Phenol-d6	150	116.56	78		10	134
			Nitrobenzene-d5	100	82.73	83		49	133
			2-Fluorobiphenyl	100	85.61	86		52	132
			2,4,6-Tribromophenol	150	131.02	87		44	137
			Terphenyl-d14	100	93.29	93		48	125

Surrogate Summary

SW-846

SDG No.: BF112024

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4849-02	RR-1	BF140503.D	2-Fluorophenol	150	141.01	94		10	139
			Phenol-d6	150	130.92	87		10	134
			Nitrobenzene-d5	100	100.16	100		49	133
			2-Fluorobiphenyl	100	105.67	106		52	132
			2,4,6-Tribromophenol	150	150.46	100		44	137
			Terphenyl-d14	100	96.23	96		48	125

Surrogate Summary

SW-846

SDG No.: **BF112024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4892-01	WB-310-TOP	BF140510.D	2-Fluorophenol	150	96.64	64		18	112
			Phenol-d6	150	90.30	60		15	107
			Nitrobenzene-d5	100	67.97	68		18	107
			2-Fluorobiphenyl	100	77.02	77		20	109
			2,4,6-Tribromophenol	150	87.05	58		10	116
			Terphenyl-d14	100	58.55	59		10	105
P4892-02	WB-310-BOT	BF140495.D	2-Fluorophenol	150	121.49	81		18	112
			Phenol-d6	150	117.24	78		15	107
			Nitrobenzene-d5	100	81.80	82		18	107
			2-Fluorobiphenyl	100	85.37	85		20	109
			2,4,6-Tribromophenol	150	126.36	84		10	116
			Terphenyl-d14	100	87.82	88		10	105
P4892-02MS	WB-310-BOTMS	BF140496.D	2-Fluorophenol	150	90.70	60		18	112
			Phenol-d6	150	86.73	58		15	107
			Nitrobenzene-d5	100	62.37	62		18	107
			2-Fluorobiphenyl	100	66.11	66		20	109
			2,4,6-Tribromophenol	150	96.57	64		10	116
			Terphenyl-d14	100	73.32	73		10	105
P4892-02MSD	WB-310-BOTMSD	BF140497.D	2-Fluorophenol	150	105.55	70		18	112
			Phenol-d6	150	100.77	67		15	107
			Nitrobenzene-d5	100	72.22	72		18	107
			2-Fluorobiphenyl	100	75.37	75		20	109
			2,4,6-Tribromophenol	150	112.23	75		10	116
			Terphenyl-d14	100	85.65	86		10	105
P4893-01	MH-763	BF140506.D	2-Fluorophenol	150	88.87	59		18	112
			Phenol-d6	150	83.39	56		15	107
			Nitrobenzene-d5	100	60.97	61		18	107
			2-Fluorobiphenyl	100	64.81	65		20	109
			2,4,6-Tribromophenol	150	82.23	55		10	116
			Terphenyl-d14	100	53.61	54		10	105
P4893-05	MH-762	BF140507.D	2-Fluorophenol	150	80.87	54		18	112
			Phenol-d6	150	77.40	52		15	107
			Nitrobenzene-d5	100	56.17	56		18	107
			2-Fluorobiphenyl	100	58.27	58		20	109
			2,4,6-Tribromophenol	150	73.80	49		10	116
			Terphenyl-d14	100	46.88	47		10	105
P4909-01	BU-02-111824	BF140511.D	2-Fluorophenol	150	67.41	45		18	112
			Phenol-d6	150	63.64	42		15	107
			Nitrobenzene-d5	100	47.77	48		18	107
			2-Fluorobiphenyl	100	55.59	56		20	109
			2,4,6-Tribromophenol	150	55.45	37		10	116
			Terphenyl-d14	100	42.39	42		10	105
P4910-01	MH-COTTAGE	BF140505.D	2-Fluorophenol	150	75.54	50		18	112
			Phenol-d6	150	72.59	48		15	107
			Nitrobenzene-d5	100	50.50	50		18	107
			2-Fluorobiphenyl	100	56.59	57		20	109
			2,4,6-Tribromophenol	150	70.65	47		10	116
			Terphenyl-d14	100	52.81	53		10	105
P4910-05	MH-759	BF140512.D	2-Fluorophenol	150	71.43	48		18	112

Surrogate Summary

SW-846

SDG No.: BF112024

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4910-05	MH-759	BF140512.D	Phenol-d6	150	68.58	46		15	107
			Nitrobenzene-d5	100	48.94	49		18	107
			2-Fluorobiphenyl	100	57.76	58		20	109
			2,4,6-Tribromophenol	150	63.41	42		10	116
			Terphenyl-d14	100	42.55	43		10	105
PB165086BL	PB165086BL	BF140502.D	2-Fluorophenol	150	124.37	83		18	112
			Phenol-d6	150	120.22	80		15	107
			Nitrobenzene-d5	100	86.13	86		18	107
			2-Fluorobiphenyl	100	86.77	87		20	109
			2,4,6-Tribromophenol	150	128.49	86		10	116
			Terphenyl-d14	100	85.58	86		10	105

Surrogate Summary

SW-846

SDG No.: **BF112024**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4916-01	TP-1-WC	BF140524.D	2-Fluorophenol	150	94.06	63		18	112
			Phenol-d6	150	84.81	57		15	107
			Nitrobenzene-d5	100	66.01	66		18	107
			2-Fluorobiphenyl	100	77.19	77		20	109
			2,4,6-Tribromophenol	150	103.98	69		10	116
			Terphenyl-d14	100	70.95	71		10	105
P4916-05	TP-2-WC	BF140525.D	2-Fluorophenol	150	69.40	46		18	112
			Phenol-d6	150	60.71	40		15	107
			Nitrobenzene-d5	100	49.25	49		18	107
			2-Fluorobiphenyl	100	55.13	55		20	109
			2,4,6-Tribromophenol	150	74.94	50		10	116
			Terphenyl-d14	100	59.57	60		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112024

Lab Code: CHEM

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140487.D

DFTPP Injection Date: 11/20/2024

Instrument ID: BNA_F

DFTPP Injection Time: 09:04

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	35.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.2
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	6.8
275	10.0 - 60.0% of mass 198	29
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.3 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140488.D	11/20/2024	09:31
PB165039BL	PB165039BL	BF140489.D	11/20/2024	09:57
PB165039BS	PB165039BS	BF140490.D	11/20/2024	10:23
PB165039BSD	PB165039BSD	BF140491.D	11/20/2024	10:49
SW-WTS-01	P4843-01	BF140492.D	11/20/2024	11:23
RW5-SP100-20241114	P4868-01	BF140493.D	11/20/2024	11:49
RW5-SP303-20241114	P4868-03	BF140494.D	11/20/2024	12:15
WB-310-BOT	P4892-02	BF140495.D	11/20/2024	12:42
WB-310-BOTMS	P4892-02MS	BF140496.D	11/20/2024	13:08
WB-310-BOTMSD	P4892-02MSD	BF140497.D	11/20/2024	13:35
RW5-SP303-20241114RE	P4868-03RE	BF140498.D	11/20/2024	14:01
SSTDCCC040EC	SSTDCCC040	BF140499.D	11/20/2024	14:34

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112024

Lab Code: CHEM

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140500.D

DFTPP Injection Date: 11/20/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	50
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	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	92.2
443	15.0 - 24.0% of mass 442	16.9 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF140501.D	11/20/2024	15:59
PB165086BL	PB165086BL	BF140502.D	11/20/2024	16:25
RR-1	P4849-02	BF140503.D	11/20/2024	16:58
MH-736	P4870-07	BF140504.D	11/20/2024	17:24
MH-COTTAGE	P4910-01	BF140505.D	11/20/2024	17:51
MH-763	P4893-01	BF140506.D	11/20/2024	18:17
MH-762	P4893-05	BF140507.D	11/20/2024	18:43
B-5	P4768-05	BF140508.D	11/20/2024	19:09
TP-15	P4870-10	BF140509.D	11/20/2024	19:35
WB-310-TOP	P4892-01	BF140510.D	11/20/2024	20:02
BU-02-111824	P4909-01	BF140511.D	11/20/2024	20:28
MH-759	P4910-05	BF140512.D	11/20/2024	20:54
#72-11930DL	P4889-05DL	BF140513.D	11/20/2024	21:21
SOIL-5	P4822-10	BF140514.D	11/20/2024	21:47
SOIL-6	P4822-12	BF140515.D	11/20/2024	22:13
SOIL-3	P4822-06	BF140516.D	11/20/2024	22:40
SOIL-4	P4822-08	BF140517.D	11/20/2024	23:06
SOIL-1	P4822-02	BF140518.D	11/20/2024	23:32

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF112024

Lab Code: CHEM

SAS No.: BF112024 SDG NO.: BF112024

Lab File ID: BF140500.D

DFTPP Injection Date: 11/20/2024

Instrument ID: BNA_F

DFTPP Injection Time: 15:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.7
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	50
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	6.8
275	10.0 - 60.0% of mass 198	28.1
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	92.2
443	15.0 - 24.0% of mass 442	16.9 (18.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SOIL-2	P4822-04	BF140519.D	11/20/2024	23:58
MH-760	P4887-05	BF140520.D	11/21/2024	00:24
PH2-BOT-001	P4860-02	BF140521.D	11/21/2024	00:51
PH2-BOT-002	P4860-03	BF140522.D	11/21/2024	01:17
PH2-BOT-008	P4860-07	BF140523.D	11/21/2024	01:43
TP-1-WC	P4916-01	BF140524.D	11/21/2024	02:09
TP-2-WC	P4916-05	BF140525.D	11/21/2024	02:35