

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102124 SAS No.: BP102124 SDG No.: BP102124

Instrument ID: BNA_P Calibration Date/Time: 10/21/2024 : 12:43

Lab File ID: BP022502.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020667 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.512	0.010	-7.5631	40.0
Benzaldehyde	0.910	0.924	0.010	1.5773	40.0
Pyridine	1.449	1.357	0.010	-6.3085	40.0
Phenol	1.752	1.603	0.080	-8.5052	20.0
Bis(2-Chloroethyl)ether	1.311	1.272	0.100	-3.0012	20.0
2-Chlorophenol	1.235	1.208	0.200	-2.2022	20.0
2-Methylphenol	1.271	1.189	0.010	-6.4326	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.447	0.010	-5.043	40.0
Acetophenone	2.218	2.062	0.060	-7.0483	20.0
4-Methylphenol	1.410	1.275	0.010	-9.5993	20.0
N-Nitroso-di-n-propylamine	1.124	1.070	0.050	-4.7744	30.0
Hexachloroethane	0.575	0.584	0.100	1.485	20.0
Nitrobenzene	0.459	0.451	0.050	-1.6577	25.0
Isophorone	0.823	0.809	0.050	-1.7063	25.0
2-Nitrophenol	0.192	0.194	0.050	0.9901	25.0
2,4-Dimethylphenol	0.417	0.404	0.050	-3.2289	25.0
Bis(2-Chloroethoxy)methane	0.467	0.459	0.050	-1.746	20.0
2,4-Dichlorophenol	0.373	0.372	0.060	-0.0958	20.0
Naphthalene	1.065	1.050	0.200	-1.4211	20.0
4-Chloroaniline	0.441	0.405	0.010	-8.2419	40.0
Hexachlorobutadiene	0.314	0.322	0.040	2.5099	30.0
Caprolactam	0.120	0.109	0.010	-9.1346	40.0
4-Chloro-3-methylphenol	0.407	0.393	0.040	-3.2768	25.0
1-Methylnaphthalene	0.798	0.796	0.100	-0.2655	20.0
2-Methylnaphthalene	0.782	0.762	0.100	-2.6096	20.0
Hexachlorocyclopentadiene	0.451	0.485	0.010	7.5929	40.0
2,4,6-Trichlorophenol	0.465	0.453	0.090	-2.7199	25.0
2,4,5-Trichlorophenol	0.495	0.492	0.100	-0.5787	25.0
1,1-Biphenyl	1.442	1.421	0.200	-1.4064	20.0
2-Chloronaphthalene	1.180	1.164	0.300	-1.3455	20.0
2-Nitroaniline	0.352	0.332	0.050	-5.8544	40.0
Dimethylphthalate	1.583	1.579	0.300	-0.2501	20.0
2,6-Dinitrotoluene	0.299	0.317	0.080	6.0006	30.0
Acenaphthylene	1.752	1.791	0.400	2.2321	20.0
3-Nitroaniline	0.281	0.261	0.010	-7.3894	40.0
Acenaphthene	1.239	1.209	0.200	-2.3669	20.0
2,4-Dinitrophenol	0.220	0.234	0.010	6.0355	40.0
4-Nitrophenol	0.296	0.317	0.010	7.055	40.0
Dibenzofuran	1.861	1.815	0.300	-2.4358	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102124 SAS No.: BP102124 SDG No.: BP102124

Instrument ID: BNA_P Calibration Date/Time: 10/21/2024 : 12:43

Lab File ID: BP022502.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020667 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.485	0.070	4.1949	30.0
Diethylphthalate	1.519	1.581	0.300	4.1007	20.0
Fluorene	1.516	1.527	0.200	0.7108	20.0
4-Chlorophenyl-phenylether	0.867	0.893	0.100	3.039	20.0
4-Nitroaniline	0.283	0.272	0.010	-3.8719	40.0
4,6-Dinitro-2-methylphenol	0.142	0.138	0.010	-2.3108	40.0
N-Nitrosodiphenylamine	0.536	0.516	0.050	-3.612	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.734	0.100	-0.6815	20.0
4-Bromophenyl-phenylether	0.241	0.246	0.070	1.9723	20.0
Hexachlorobenzene	0.297	0.302	0.050	1.8457	25.0
Atrazine	0.223	0.212	0.010	-4.8135	25.0
Pentachlorophenol	0.191	0.198	0.010	3.9891	40.0
Phenanthrene	1.070	1.035	0.200	-3.2632	20.0
Pentachlorobenzene	0.337	0.322	0.050	-4.3153	20.0
Anthracene	1.068	1.065	0.200	-0.2914	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.291	0.050	-4.287	20.0
Carbazole	0.945	0.913	0.050	-3.3588	40.0
Di-n-butylphthalate	1.045	1.107	0.500	5.9233	25.0
Fluoranthene	1.216	1.208	0.400	-0.6657	25.0
Pyrene	1.303	1.267	0.400	-2.7855	25.0
Butylbenzylphthalate	0.454	0.462	0.100	1.8577	40.0
3,3-Dichlorobenzidine	0.477	0.493	0.010	3.4033	40.0
Benzo (a) anthracene	1.402	1.380	0.300	-1.5743	30.0
Chrysene	1.300	1.267	0.200	-2.5112	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.677	0.200	3.9834	40.0
Di-n-octyl phthalate	0.951	0.995	0.010	4.5429	40.0
Benzo (b) fluoranthene	1.259	1.275	0.200	1.3111	25.0
Benzo (k) fluoranthene	1.233	1.216	0.200	-1.3417	25.0
Benzo (a) pyrene	1.159	1.152	0.200	-0.6027	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.468	0.200	-5.0457	25.0
Dibenzo (a,h) anthracene	1.252	1.227	0.200	-2.0251	30.0
Benzo (g,h,i) perylene	1.203	1.187	0.200	-1.2644	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.479	0.040	3.6908	20.0
1,4-Dioxane-d8	0.515	0.472	0.010	-8.1982	25.0
Pyridine-d5	1.413	1.344	0.010	-4.8961	40.0
Phenol-d5	1.684	1.558	0.010	-7.4494	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.940	0.050	-5.0237	25.0
2-Chlorophenol-d4	1.195	1.202	0.200	0.6188	20.0
4-Methylphenol-d8	1.344	1.231	0.010	-8.4126	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BP102124 SAS No.: BP102124 SDG No.: BP102124
 Instrument ID: BNA_P Calibration Date/Time: 10/21/2024 : 12:43
 Lab File ID: BP022502.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020667 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.157	0.050	2.1877	20.0
2-Nitrophenol-d4	0.178	0.186	0.050	4.5711	30.0
2,4-Dichlorophenol-d3	0.378	0.384	0.060	1.5246	20.0
4-Chloroaniline-d4	0.447	0.418	0.010	-6.5325	40.0
Dimethylphthalate-d6	1.589	1.563	0.300	-1.6116	20.0
Acenaphthylene-d8	1.688	1.675	0.400	-0.7843	20.0
4-Nitrophenol-d4	0.267	0.256	0.010	-3.9606	40.0
Fluorene-d10	1.378	1.381	0.100	0.2203	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.133	0.010	1.2913	40.0
Anthracene-d10	0.941	0.923	0.300	-1.8615	20.0
Pyrene-d10	1.058	1.023	0.300	-3.2665	25.0
Benzo(a)pyrene-d12	1.068	1.028	0.010	-3.7291	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102124 SAS No.: BP102124 SDG No.: BP102124

Instrument ID: BNA_P Calibration Date/Time: 10/21/2024 : 23:35

Lab File ID: BP022517.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020668 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.553	0.472	0.010	-14.7178	40.0
Benzaldehyde	0.910	0.930	0.010	2.221	40.0
Pyridine	1.449	1.291	0.010	-10.88	40.0
Phenol	1.752	1.634	0.080	-6.6922	20.0
Bis(2-Chloroethyl)ether	1.311	1.299	0.100	-0.9175	20.0
2-Chlorophenol	1.235	1.221	0.200	-1.1684	20.0
2-Methylphenol	1.271	1.227	0.010	-3.4963	20.0
2,2-oxybis(1-Chloropropane)	1.524	1.480	0.010	-2.8567	40.0
Acetophenone	2.218	2.166	0.060	-2.334	20.0
4-Methylphenol	1.410	1.337	0.010	-5.2167	20.0
N-Nitroso-di-n-propylamine	1.124	1.109	0.050	-1.3515	30.0
Hexachloroethane	0.575	0.580	0.100	0.7904	20.0
Nitrobenzene	0.459	0.439	0.050	-4.313	25.0
Isophorone	0.823	0.784	0.050	-4.6908	25.0
2-Nitrophenol	0.192	0.194	0.050	1.0227	25.0
2,4-Dimethylphenol	0.417	0.402	0.050	-3.707	25.0
Bis(2-Chloroethoxy)methane	0.467	0.450	0.050	-3.6637	20.0
2,4-Dichlorophenol	0.373	0.370	0.060	-0.6803	20.0
Naphthalene	1.065	1.031	0.200	-3.1804	20.0
4-Chloroaniline	0.441	0.417	0.010	-5.6248	40.0
Hexachlorobutadiene	0.314	0.306	0.040	-2.5796	30.0
Caprolactam	0.120	0.110	0.010	-8.6217	40.0
4-Chloro-3-methylphenol	0.407	0.403	0.040	-0.76	25.0
1-Methylnaphthalene	0.798	0.801	0.100	0.3126	20.0
2-Methylnaphthalene	0.782	0.764	0.100	-2.3359	20.0
Hexachlorocyclopentadiene	0.451	0.356	0.010	-20.9511	40.0
2,4,6-Trichlorophenol	0.465	0.452	0.090	-2.9254	25.0
2,4,5-Trichlorophenol	0.495	0.498	0.100	0.584	25.0
1,1-Biphenyl	1.442	1.397	0.200	-3.1193	20.0
2-Chloronaphthalene	1.180	1.166	0.300	-1.2085	20.0
2-Nitroaniline	0.352	0.338	0.050	-4.1521	40.0
Dimethylphthalate	1.583	1.565	0.300	-1.1457	20.0
2,6-Dinitrotoluene	0.299	0.317	0.080	5.9203	30.0
Acenaphthylene	1.752	1.776	0.400	1.4056	20.0
3-Nitroaniline	0.281	0.277	0.010	-1.4723	40.0
Acenaphthene	1.239	1.208	0.200	-2.4721	20.0
2,4-Dinitrophenol	0.220	0.208	0.010	-5.5117	40.0
4-Nitrophenol	0.296	0.303	0.010	2.4574	40.0
Dibenzofuran	1.861	1.796	0.300	-3.4582	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP102124 SAS No.: BP102124 SDG No.: BP102124

Instrument ID: BNA_P Calibration Date/Time: 10/21/2024 : 23:35

Lab File ID: BP022517.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020668 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.465	0.490	0.070	5.2241	30.0
Diethylphthalate	1.519	1.508	0.300	-0.7169	20.0
Fluorene	1.516	1.508	0.200	-0.5381	20.0
4-Chlorophenyl-phenylether	0.867	0.861	0.100	-0.7286	20.0
4-Nitroaniline	0.283	0.301	0.010	6.3662	40.0
4,6-Dinitro-2-methylphenol	0.142	0.122	0.010	-13.7485	40.0
N-Nitrosodiphenylamine	0.536	0.513	0.050	-4.2002	20.0
1,2,4,5-Tetrachlorobenzene	0.740	0.726	0.100	-1.8401	20.0
4-Bromophenyl-phenylether	0.241	0.240	0.070	-0.368	20.0
Hexachlorobenzene	0.297	0.298	0.050	0.2486	25.0
Atrazine	0.223	0.204	0.010	-8.1664	25.0
Pentachlorophenol	0.191	0.195	0.010	2.1758	40.0
Phenanthrene	1.070	1.035	0.200	-3.3002	20.0
Pentachlorobenzene	0.337	0.316	0.050	-6.2388	20.0
Anthracene	1.068	1.041	0.200	-2.545	20.0
1,2,3,4-Tetrachlorobenzene	0.305	0.277	0.050	-8.896	20.0
Carbazole	0.945	0.892	0.050	-5.5514	40.0
Di-n-butylphthalate	1.045	1.048	0.500	0.2352	25.0
Fluoranthene	1.216	1.311	0.400	7.8287	25.0
Pyrene	1.303	1.331	0.400	2.1625	25.0
Butylbenzylphthalate	0.454	0.466	0.100	2.6323	40.0
3,3-Dichlorobenzidine	0.477	0.424	0.010	-11.127	40.0
Benzo (a) anthracene	1.402	1.387	0.300	-1.0672	30.0
Chrysene	1.300	1.263	0.200	-2.8339	30.0
Bis (2-ethylhexyl) phthalate	0.651	0.686	0.200	5.2921	40.0
Di-n-octyl phthalate	0.951	0.992	0.010	4.255	40.0
Benzo (b) fluoranthene	1.259	1.232	0.200	-2.1057	25.0
Benzo (k) fluoranthene	1.233	1.247	0.200	1.1609	25.0
Benzo (a) pyrene	1.159	1.166	0.200	0.645	20.0
Indeno (1,2,3-cd) pyrene	1.546	1.492	0.200	-3.4942	25.0
Dibenzo (a,h) anthracene	1.252	1.232	0.200	-1.6257	30.0
Benzo (g,h,i) perylene	1.203	1.189	0.200	-1.1583	30.0
2,3,4,6-Tetrachlorophenol	0.462	0.478	0.040	3.3189	20.0
1,4-Dioxane-d8	0.515	0.446	0.010	-13.2873	25.0
Pyridine-d5	1.413	1.287	0.010	-8.8772	40.0
Phenol-d5	1.684	1.611	0.010	-4.2966	25.0
Bis- (2-Chloroethyl) ether-d8	0.989	0.939	0.050	-5.147	25.0
2-Chlorophenol-d4	1.195	1.228	0.200	2.8058	20.0
4-Methylphenol-d8	1.344	1.318	0.010	-1.8859	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Instrument ID: BNA_P Calibration Date/Time: 10/21/2024 : 23:35

Lab File ID: BP022517.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020668 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.159	0.050	3.6922	20.0
2-Nitrophenol-d4	0.178	0.186	0.050	4.4995	30.0
2,4-Dichlorophenol-d3	0.378	0.383	0.060	1.3029	20.0
4-Chloroaniline-d4	0.447	0.419	0.010	-6.4009	40.0
Dimethylphthalate-d6	1.589	1.546	0.300	-2.6797	20.0
Acenaphthylene-d8	1.688	1.678	0.400	-0.5724	20.0
4-Nitrophenol-d4	0.267	0.251	0.010	-6.0284	40.0
Fluorene-d10	1.378	1.364	0.100	-1.0682	20.0
4,6-Dinitro-2-methylphenol-d2	0.132	0.116	0.010	-11.6307	40.0
Anthracene-d10	0.941	0.909	0.300	-3.4006	20.0
Pyrene-d10	1.058	1.094	0.300	3.4618	25.0
Benzo(a)pyrene-d12	1.068	1.038	0.010	-2.8571	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK283	SDG No.:	BP102124
Lab Sample ID:	PB164283BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022503.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK283	SDG No.:	BP102124
Lab Sample ID:	PB164283BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022503.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK283	SDG No.:	BP102124
Lab Sample ID:	PB164283BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022503.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.686		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	26.568		20-120		66	SPK: -40
4165-62-2	Phenol-d5	26.777		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.05		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.02		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	26.85		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	30.16		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.011		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.373		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.837		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.338		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	28.928		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.731		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	29.007		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK283	SDG No.:	BP102124
Lab Sample ID:	PB164283BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022503.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.828		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	30.499		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	30.139		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.632		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77323	7.663				
1146-65-2	Naphthalene-d8	284201	10.422				
15067-26-2	Acenaphthene-d10	217620	14.275				
1517-22-2	Phenanthrene-d10	515745	17.075				
1719-03-5	Chrysene-d12	588863	21.504				
1520-96-3	Perylene-d12	682543	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F89	SDG No.:	BP102124
Lab Sample ID:	P4429-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022504.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.1	92	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	230	450	ug/Kg
108-95-2	Phenol	63	J	59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	110	450	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	58.4	230	ug/Kg
95-48-7	2-Methylphenol	54	U	54	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	230	J	55	110	450	ug/Kg
106-44-5	4-Methylphenol	51	U	51	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	70	58.4	230	ug/Kg
67-72-1	Hexachloroethane	25	U	25	58.4	230	ug/Kg
98-95-3	Nitrobenzene	43	U	43	58.4	230	ug/Kg
78-59-1	Isophorone	66	U	66	58.4	230	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	58.4	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	58.4	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	58.4	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	58.4	230	ug/Kg
91-20-3	Naphthalene	34	U	34	58.4	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	58.4	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	58.4	230	ug/Kg
105-60-2	Caprolactam	99	U	99	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	58.4	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	58.4	230	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	58.4	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	58.4	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	58.4	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F89	SDG No.:	BP102124
Lab Sample ID:	P4429-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022504.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	58.4	230	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	58.4	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	58.4	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	58.4	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	58.4	230	ug/Kg
208-96-8	Acenaphthylene	44	U	44	58.4	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	40	U	40	58.4	230	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	44	U	44	58.4	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	58.4	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	58.4	230	ug/Kg
86-73-7	Fluorene	34	U	34	58.4	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	58.4	230	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	58.4	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	58.4	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	58.4	230	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	58.4	230	ug/Kg
1912-24-9	Atrazine	98	U	98	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	380		40	58.4	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	58.4	230	ug/Kg
120-12-7	Anthracene	91	J	34	58.4	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	69	U	69	58.4	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	58.4	230	ug/Kg
206-44-0	Fluoranthene	900		74	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F89	SDG No.:	BP102124
Lab Sample ID:	P4429-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022504.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	600		67	58.4	230	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	58.4	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	490		37	58.4	230	ug/Kg
218-01-9	Chrysene	510		43	58.4	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	58.4	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	610		45	58.4	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	52	58.4	230	ug/Kg
50-32-8	Benzo(a)pyrene	240		44	58.4	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	43	58.4	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	77	J	38	58.4	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	58.4	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	58.4	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.04		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	1.942	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	10.695		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.896		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.85		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	11.477		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	11.16		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.964		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.749		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.865		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.247		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.028		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.662		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	12.893		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F89	SDG No.:	BP102124
Lab Sample ID:	P4429-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022504.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.904		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	13.492		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	11.387		10-130		28	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.841		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81943	7.663				
1146-65-2	Naphthalene-d8	312788	10.416				
15067-26-2	Acenaphthene-d10	241549	14.275				
1517-22-2	Phenanthrene-d10	572751	17.081				
1719-03-5	Chrysene-d12	697572	21.51				
1520-96-3	Perylene-d12	848398	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	150	J			15.663	
000638-53-9	Tridecanoic acid	160	J			18.01	
000610-48-0	Anthracene, 1-methyl-	100	J			18.034	
000203-64-5	4H-Cyclopenta[def]phenanthrene	150	J			18.175	
000243-17-4	11H-Benzo[b]fluorene	98	J			20.11	
	(DEL) Alkane: Straight-Chain	200	J			23.904	
E966796	Total Alkanes	200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7DL	SDG No.:	BP102124
Lab Sample ID:	P4380-22DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022505.D	10	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.5	U	3.5	5	20	ug/L
100-52-7	Benzaldehyde	11	U	11	50	100	ug/L
110-86-1	Pyridine	17	U	17	100	100	ug/L
108-95-2	Phenol	16	U	16	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	14	U	14	50	100	ug/L
95-57-8	2-Chlorophenol	9.1	U	9.1	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	19	U	19	50	100	ug/L
98-86-2	Acetophenone	15	U	15	50	100	ug/L
106-44-5	4-Methylphenol	17	U	17	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	19	U	19	25	50	ug/L
67-72-1	Hexachloroethane	11	U	11	25	50	ug/L
98-95-3	Nitrobenzene	14	U	14	25	50	ug/L
78-59-1	Isophorone	17	U	17	25	50	ug/L
88-75-5	2-Nitrophenol	12	U	12	25	50	ug/L
105-67-9	2,4-Dimethylphenol	6.9	U	6.9	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	15	U	15	25	50	ug/L
120-83-2	2,4-Dichlorophenol	11	U	11	25	50	ug/L
91-20-3	Naphthalene	210	D	9.4	25	50	ug/L
106-47-8	4-Chloroaniline	9.4	U	9.4	25	100	ug/L
87-68-3	Hexachlorobutadiene	15	U	15	25	50	ug/L
105-60-2	Caprolactam	26	U	26	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	16	U	16	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.1	U	9.1	25	50	ug/L
91-57-6	2-Methylnaphthalene	12	JD	11	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	31	U	31	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	20	U	20	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	16	U	16	25	50	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7DL	SDG No.:	BP102124
Lab Sample ID:	P4380-22DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022505.D	10	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	11	U	11	25	50	ug/L
91-58-7	2-Chloronaphthalene	11	U	11	25	50	ug/L
88-74-4	2-Nitroaniline	18	U	18	25	50	ug/L
131-11-3	Dimethylphthalate	11	U	11	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	17	U	17	25	50	ug/L
208-96-8	Acenaphthylene	12	U	12	25	50	ug/L
99-09-2	3-Nitroaniline	16	U	16	50	100	ug/L
83-32-9	Acenaphthene	9.6	U	9.6	25	50	ug/L
51-28-5	2,4-Dinitrophenol	18	U	18	50	100	ug/L
100-02-7	4-Nitrophenol	14	U	14	50	100	ug/L
132-64-9	Dibenzofuran	11	U	11	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	15	U	15	25	50	ug/L
84-66-2	Diethylphthalate	13	U	13	25	50	ug/L
86-73-7	Fluorene	9.4	U	9.4	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	11	U	11	25	50	ug/L
100-01-6	4-Nitroaniline	8.3	U	8.3	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	24	U	24	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	13	U	13	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	14	U	14	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	9.5	U	9.5	25	50	ug/L
118-74-1	Hexachlorobenzene	12	U	12	25	50	ug/L
1912-24-9	Atrazine	18	U	18	50	100	ug/L
87-86-5	Pentachlorophenol	19	U	19	50	100	ug/L
85-01-8	Phenanthrene	12	U	12	25	50	ug/L
608-93-5	Pentachlorobenzene	17	U	17	25	50	ug/L
120-12-7	Anthracene	11	U	11	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	25	50	ug/L
86-74-8	Carbazole	11	U	11	50	100	ug/L
84-74-2	Di-n-butylphthalate	19	U	19	25	50	ug/L
206-44-0	Fluoranthene	19	U	19	50	50	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7DL	SDG No.:	BP102124
Lab Sample ID:	P4380-22DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022505.D	10	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	25	50	ug/L
85-68-7	Butylbenzylphthalate	27	U	27	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	11	U	11	25	50	ug/L
218-01-9	Chrysene	11	U	11	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	25	50	ug/L
117-84-0	Di-n-octyl phthalate	24	U	24	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	14	U	14	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	14	U	14	25	50	ug/L
50-32-8	Benzo(a)pyrene	11	U	11	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	14	U	14	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	13	U	13	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	12	U	12	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15	U	15	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.67		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	6.16	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	9		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.75		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.61		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	19.16		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	28.19		20-125		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.25		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.14		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.72		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.7		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	31.01		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	33.24		25-125		83	SPK: -40

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G7DL	SDG No.:	BP102124
Lab Sample ID:	P4380-22DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022505.D	10	10/11/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164094

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.77		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	32.52		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	35.57		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.05		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108522	7.664				
1146-65-2	Naphthalene-d8	402833	10.416				
15067-26-2	Acenaphthene-d10	312829	14.275				
1517-22-2	Phenanthrene-d10	753525	17.069				
1719-03-5	Chrysene-d12	780416	21.504				
1520-96-3	Perylene-d12	896881	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000556-71-8	Cyclononasiloxane, octadecamethyl-	81	JD			16.563	
000107-52-8	Hexasiloxane, tetradecamethyl-	100	JD			20.869	
E966796	Total Alkanes	11	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP102124
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022506.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	21.4	220	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	1100	ug/Kg
110-86-1	Pyridine	110	U	110	530	1100	ug/Kg
108-95-2	Phenol	140	U	140	270	1100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	270	1100	ug/Kg
95-57-8	2-Chlorophenol	74	U	74	140	550	ug/Kg
95-48-7	2-Methylphenol	130	U	130	270	1100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	190	U	190	270	1100	ug/Kg
98-86-2	Acetophenone	130	U	130	270	1100	ug/Kg
106-44-5	4-Methylphenol	120	U	120	270	1100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	140	550	ug/Kg
67-72-1	Hexachloroethane	58	U	58	140	550	ug/Kg
98-95-3	Nitrobenzene	100	U	100	140	550	ug/Kg
78-59-1	Isophorone	160	U	160	140	550	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	140	550	ug/Kg
105-67-9	2,4-Dimethylphenol	81	U	81	140	550	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	140	550	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	140	550	ug/Kg
91-20-3	Naphthalene	81	U	81	140	550	ug/Kg
106-47-8	4-Chloroaniline	78	U	78	140	1100	ug/Kg
87-68-3	Hexachlorobutadiene	140	U	140	140	550	ug/Kg
105-60-2	Caprolactam	230	U	230	270	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	140	550	ug/Kg
90-12-0	1-Methylnaphthalene	110	U	110	140	550	ug/Kg
91-57-6	2-Methylnaphthalene	74	U	74	140	550	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	U	310	270	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	140	550	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	140	550	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP102124
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022506.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	140	550	ug/Kg
91-58-7	2-Chloronaphthalene	84	U	84	140	550	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	140	550	ug/Kg
131-11-3	Dimethylphthalate	94	U	94	140	550	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	U	140	140	550	ug/Kg
208-96-8	Acenaphthylene	100	U	100	140	550	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	270	1100	ug/Kg
83-32-9	Acenaphthene	94	U	94	140	550	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	270	1100	ug/Kg
100-02-7	4-Nitrophenol	140	U	140	270	1100	ug/Kg
132-64-9	Dibenzofuran	100	U	100	140	550	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	U	140	140	550	ug/Kg
84-66-2	Diethylphthalate	97	U	97	140	550	ug/Kg
86-73-7	Fluorene	81	U	81	140	550	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	65	U	65	140	550	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	270	1100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	250	U	250	270	1100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	110	U	110	140	550	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	78	U	78	140	550	ug/Kg
101-55-3	4-Bromophenyl-phenylether	94	U	94	140	550	ug/Kg
118-74-1	Hexachlorobenzene	100	U	100	140	550	ug/Kg
1912-24-9	Atrazine	230	U	230	270	1100	ug/Kg
87-86-5	Pentachlorophenol	240	U	240	270	1100	ug/Kg
85-01-8	Phenanthrene	200	J	94	140	550	ug/Kg
608-93-5	Pentachlorobenzene	170	U	170	140	550	ug/Kg
120-12-7	Anthracene	81	U	81	140	550	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	160	U	160	140	550	ug/Kg
86-74-8	Carbazole	91	U	91	270	1100	ug/Kg
84-74-2	Di-n-butylphthalate	200	U	200	140	550	ug/Kg
206-44-0	Fluoranthene	490	J	170	270	550	ug/Kg

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP102124
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022506.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	380	J	160	140	550	ug/Kg
85-68-7	Butylbenzylphthalate	270	U	270	140	550	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	1100	ug/Kg
56-55-3	Benzo(a)anthracene	270	J	87	140	550	ug/Kg
218-01-9	Chrysene	240	J	100	140	550	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	140	550	ug/Kg
117-84-0	Di-n-octyl phthalate	250	U	250	270	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	J	110	140	550	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	120	140	550	ug/Kg
50-32-8	Benzo(a)pyrene	290	J	100	140	550	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	100	140	550	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	91	U	91	140	550	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	J	84	140	550	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	140	550	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.951		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	13.737		20-120		34	SPK: -40
4165-62-2	Phenol-d5	15.071		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.11		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.702		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	15.787		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	16.215		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.477		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.179		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.679		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.254		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.841		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.59		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	17.449		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	10/7/2024 12:00:00 AM
Project:		Date Received:	10/7/2024 12:00:00 AM
Client Sample ID:	EOAY0	SDG No.:	BP102124
Lab Sample ID:	P4346-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	69.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022506.D	1	10/15/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164170

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.543		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	17.637		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	17.707		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.838		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91160	7.663				
1146-65-2	Naphthalene-d8	343345	10.416				
15067-26-2	Acenaphthene-d10	277318	14.275				
1517-22-2	Phenanthrene-d10	670654	17.081				
1719-03-5	Chrysene-d12	745263	21.498				
1520-96-3	Perylene-d12	905196	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	590	J			15.657	
000057-10-3	n-Hexadecanoic acid	330	J			17.998	
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA6	SDG No.:	BP102124
Lab Sample ID:	P4429-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022507.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.4	95	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
108-95-2	Phenol	74	J	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.5	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	250	J	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	60.5	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	60.5	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.5	240	ug/Kg
78-59-1	Isophorone	68	U	68	60.5	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	60.5	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.5	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.5	240	ug/Kg
91-20-3	Naphthalene	36	U	36	60.5	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.5	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	60.5	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	60.5	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.5	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	60.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	60.5	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	60.5	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA6	SDG No.:	BP102124
Lab Sample ID:	P4429-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022507.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.5	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	60.5	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.5	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	60.5	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	60.5	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60.5	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	46	U	46	60.5	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.5	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	60.5	240	ug/Kg
86-73-7	Fluorene	50	J	36	60.5	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.5	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.5	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.5	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.5	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	60.5	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	540		41	60.5	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.5	240	ug/Kg
120-12-7	Anthracene	130	J	36	60.5	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.5	240	ug/Kg
86-74-8	Carbazole	55	J	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	60.5	240	ug/Kg
206-44-0	Fluoranthene	910		77	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA6	SDG No.:	BP102124
Lab Sample ID:	P4429-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022507.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	550		70	60.5	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.5	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	360		38	60.5	240	ug/Kg
218-01-9	Chrysene	410		44	60.5	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	140	60.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	480		47	60.5	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	190	J	54	60.5	240	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	46	60.5	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	44	60.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	65	J	40	60.5	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	60.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.5	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.064		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	1.832	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	12.061		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.218		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.786		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	11.899		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	12.424		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.04		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.795		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.906		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.096		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.503		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.34		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	14.812		20-140		37	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA6	SDG No.:	BP102124
Lab Sample ID:	P4429-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022507.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.769		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	14.851		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	13.288		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	10.135		10-140		25	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75509	7.664				
1146-65-2	Naphthalene-d8	283858	10.422				
15067-26-2	Acenaphthene-d10	219062	14.281				
1517-22-2	Phenanthrene-d10	555228	17.081				
1719-03-5	Chrysene-d12	629610	21.51				
1520-96-3	Perylene-d12	752176	24.769				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	310	J			15.663	
000057-10-3	n-Hexadecanoic acid	480	J			18.022	
000203-64-5	4H-Cyclopenta[def]phenanthrene	160	J			18.186	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	190	J			19.269	
000057-11-4	Octadecanoic acid	140	J			19.351	
	(DEL) Alkane: Straight-Chain	23.904	J			23.904	
E966796	Total Alkanes	420				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F62	SDG No.:	BP102124
Lab Sample ID:	P4429-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022508.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.7	88	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
108-95-2	Phenol	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56.3	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.3	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.3	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.3	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.3	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.3	230	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.3	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F62	SDG No.:	BP102124
Lab Sample ID:	P4429-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022508.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.3	230	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	38	U	38	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.3	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.3	230	ug/Kg
86-73-7	Fluorene	33	U	33	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.3	230	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	180	J	38	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.3	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.3	230	ug/Kg
86-74-8	Carbazole	37	U	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.3	230	ug/Kg
206-44-0	Fluoranthene	180	J	72	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F62	SDG No.:	BP102124
Lab Sample ID:	P4429-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022508.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	210	J	65	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	84	J	36	56.3	230	ug/Kg
218-01-9	Chrysene	89	J	41	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	88	J	44	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	72	J	42	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	J	34	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.171		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	12.045		20-120		30	SPK: -40
4165-62-2	Phenol-d5	16.289		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.561		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.793		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	17.647		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.316		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.942		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.243		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.645		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.236		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.097		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.35		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	19.504		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F62	SDG No.:	BP102124
Lab Sample ID:	P4429-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022508.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.334		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	20.588		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.975		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.563		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98338	7.663				
1146-65-2	Naphthalene-d8	390731	10.416				
15067-26-2	Acenaphthene-d10	302439	14.275				
1517-22-2	Phenanthrene-d10	710696	17.081				
1719-03-5	Chrysene-d12	722915	21.498				
1520-96-3	Perylene-d12	836772	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	540	J			15.663	
000057-10-3	n-Hexadecanoic acid	210	J			18.016	
E966796	Total Alkanes	32	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F66	SDG No.:	BP102124
Lab Sample ID:	P4429-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022509.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	21	U	21	12.6	130	ug/Kg
100-52-7	Benzaldehyde	86	U	86	160	630	ug/Kg
110-86-1	Pyridine	63	U	63	320	630	ug/Kg
108-95-2	Phenol	82	U	82	160	630	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	76	U	76	160	630	ug/Kg
95-57-8	2-Chlorophenol	44	U	44	81.3	330	ug/Kg
95-48-7	2-Methylphenol	75	U	75	160	630	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	160	630	ug/Kg
98-86-2	Acetophenone	76	U	76	160	630	ug/Kg
106-44-5	4-Methylphenol	71	U	71	160	630	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	81.3	330	ug/Kg
67-72-1	Hexachloroethane	34	U	34	81.3	330	ug/Kg
98-95-3	Nitrobenzene	59	U	59	81.3	330	ug/Kg
78-59-1	Isophorone	92	U	92	81.3	330	ug/Kg
88-75-5	2-Nitrophenol	59	U	59	81.3	330	ug/Kg
105-67-9	2,4-Dimethylphenol	48	U	48	81.3	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	82	U	82	81.3	330	ug/Kg
120-83-2	2,4-Dichlorophenol	31	U	31	81.3	330	ug/Kg
91-20-3	Naphthalene	48	U	48	81.3	330	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	81.3	630	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	81.3	330	ug/Kg
105-60-2	Caprolactam	140	U	140	160	630	ug/Kg
59-50-7	4-Chloro-3-methylphenol	94	U	94	81.3	330	ug/Kg
90-12-0	1-Methylnaphthalene	63	U	63	81.3	330	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	81.3	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	160	630	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94	U	94	81.3	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	81.3	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F66	SDG No.:	BP102124
Lab Sample ID:	P4429-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022509.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	81.3	330	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	81.3	330	ug/Kg
88-74-4	2-Nitroaniline	78	U	78	81.3	330	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	81.3	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	84	U	84	81.3	330	ug/Kg
208-96-8	Acenaphthylene	61	U	61	81.3	330	ug/Kg
99-09-2	3-Nitroaniline	84	U	84	160	630	ug/Kg
83-32-9	Acenaphthene	55	U	55	81.3	330	ug/Kg
51-28-5	2,4-Dinitrophenol	92	U	92	160	630	ug/Kg
100-02-7	4-Nitrophenol	84	U	84	160	630	ug/Kg
132-64-9	Dibenzofuran	61	U	61	81.3	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	82	U	82	81.3	330	ug/Kg
84-66-2	Diethylphthalate	57	U	57	81.3	330	ug/Kg
86-73-7	Fluorene	48	U	48	81.3	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38	U	38	81.3	330	ug/Kg
100-01-6	4-Nitroaniline	59	U	59	160	630	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	160	630	ug/Kg
86-30-6	N-Nitrosodiphenylamine	63	U	63	81.3	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	81.3	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	81.3	330	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	81.3	330	ug/Kg
1912-24-9	Atrazine	140	U	140	160	630	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	160	630	ug/Kg
85-01-8	Phenanthrene	170	J	55	81.3	330	ug/Kg
608-93-5	Pentachlorobenzene	99	U	99	81.3	330	ug/Kg
120-12-7	Anthracene	48	U	48	81.3	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	96	U	96	81.3	330	ug/Kg
86-74-8	Carbazole	54	U	54	160	630	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	81.3	330	ug/Kg
206-44-0	Fluoranthene	350		100	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F66	SDG No.:	BP102124
Lab Sample ID:	P4429-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022509.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270	J	94	81.3	330	ug/Kg
85-68-7	Butylbenzylphthalate	160	U	160	81.3	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	92	U	92	160	630	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	52	81.3	330	ug/Kg
218-01-9	Chrysene	150	J	59	81.3	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	U	180	81.3	330	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	160	630	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	63	81.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	73	U	73	81.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	61	81.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	J	59	81.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	54	U	54	81.3	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91	J	50	81.3	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	81.3	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.522		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	16.79		20-120		42	SPK: -40
4165-62-2	Phenol-d5	23.141		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.36		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.841		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	25.734		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	24.139		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.457		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.507		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.115		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.854		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	27.321		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.347		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	28.122		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F66	SDG No.:	BP102124
Lab Sample ID:	P4429-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	47.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022509.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.215		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	29.084		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	31.755		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.187		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99079	7.663				
1146-65-2	Naphthalene-d8	393951	10.422				
15067-26-2	Acenaphthene-d10	304583	14.274				
1517-22-2	Phenanthrene-d10	723077	17.068				
1719-03-5	Chrysene-d12	683848	21.509				
1520-96-3	Perylene-d12	814767	24.762				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	1000	J			15.645	
000057-10-3	n-Hexadecanoic acid	430	J			18.004	
	(DEL) Alkane: Straight-Chain	23.903	J			23.903	
E966796	Total Alkanes	320				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F94	SDG No.:	BP102124
Lab Sample ID:	P4429-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022510.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.3	100	ug/Kg
100-52-7	Benzaldehyde	70	U	70	130	510	ug/Kg
110-86-1	Pyridine	51	U	51	260	510	ug/Kg
108-95-2	Phenol	67	U	67	130	510	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	62	U	62	130	510	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	66.2	260	ug/Kg
95-48-7	2-Methylphenol	61	U	61	130	510	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	93	U	93	130	510	ug/Kg
98-86-2	Acetophenone	62	U	62	130	510	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	510	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	66.2	260	ug/Kg
67-72-1	Hexachloroethane	28	U	28	66.2	260	ug/Kg
98-95-3	Nitrobenzene	48	U	48	66.2	260	ug/Kg
78-59-1	Isophorone	75	U	75	66.2	260	ug/Kg
88-75-5	2-Nitrophenol	48	U	48	66.2	260	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	66.2	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	67	U	67	66.2	260	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	66.2	260	ug/Kg
91-20-3	Naphthalene	39	U	39	66.2	260	ug/Kg
106-47-8	4-Chloroaniline	37	U	37	66.2	510	ug/Kg
87-68-3	Hexachlorobutadiene	69	U	69	66.2	260	ug/Kg
105-60-2	Caprolactam	110	U	110	130	510	ug/Kg
59-50-7	4-Chloro-3-methylphenol	76	U	76	66.2	260	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	66.2	260	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	66.2	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	510	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76	U	76	66.2	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	61	U	61	66.2	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F94	SDG No.:	BP102124
Lab Sample ID:	P4429-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022510.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37	U	37	66.2	260	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	66.2	260	ug/Kg
88-74-4	2-Nitroaniline	64	U	64	66.2	260	ug/Kg
131-11-3	Dimethylphthalate	45	U	45	66.2	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	69	U	69	66.2	260	ug/Kg
208-96-8	Acenaphthylene	50	U	50	66.2	260	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	130	510	ug/Kg
83-32-9	Acenaphthene	45	U	45	66.2	260	ug/Kg
51-28-5	2,4-Dinitrophenol	75	U	75	130	510	ug/Kg
100-02-7	4-Nitrophenol	69	U	69	130	510	ug/Kg
132-64-9	Dibenzofuran	50	U	50	66.2	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	66.2	260	ug/Kg
84-66-2	Diethylphthalate	47	U	47	66.2	260	ug/Kg
86-73-7	Fluorene	39	U	39	66.2	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	66.2	260	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	130	510	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	510	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	66.2	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	66.2	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	66.2	260	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	66.2	260	ug/Kg
1912-24-9	Atrazine	110	U	110	130	510	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	510	ug/Kg
85-01-8	Phenanthrene	110	J	45	66.2	260	ug/Kg
608-93-5	Pentachlorobenzene	81	U	81	66.2	260	ug/Kg
120-12-7	Anthracene	39	U	39	66.2	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	78	U	78	66.2	260	ug/Kg
86-74-8	Carbazole	44	U	44	130	510	ug/Kg
84-74-2	Di-n-butylphthalate	95	U	95	66.2	260	ug/Kg
206-44-0	Fluoranthene	380		84	130	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F94	SDG No.:	BP102124
Lab Sample ID:	P4429-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022510.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	470		76	66.2	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	66.2	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	75	U	75	130	510	ug/Kg
56-55-3	Benzo(a)anthracene	400		42	66.2	260	ug/Kg
218-01-9	Chrysene	400		48	66.2	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	66.2	260	ug/Kg
117-84-0	Di-n-octyl phthalate	240	J	120	130	510	ug/Kg
205-99-2	Benzo(b)fluoranthene	410		51	66.2	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	59	66.2	260	ug/Kg
50-32-8	Benzo(a)pyrene	550		50	66.2	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	48	66.2	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	60	J	44	66.2	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340		40	66.2	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	51	U	51	66.2	260	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	12.522		20-120		31	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.837		15-120		35	SPK: -8
4165-62-2	Phenol-d5	16.476		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.015		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.114		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	17.627		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	17.784		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.328		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.881		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.524		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.555		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.603		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.244		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	19.445		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F94	SDG No.:	BP102124
Lab Sample ID:	P4429-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022510.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.443		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	20.325		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.199		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.321		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93907	7.664				
1146-65-2	Naphthalene-d8	359819	10.422				
15067-26-2	Acenaphthene-d10	284066	14.281				
1517-22-2	Phenanthrene-d10	664738	17.087				
1719-03-5	Chrysene-d12	662538	21.504				
1520-96-3	Perylene-d12	791091	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	200	J			15.669	
000057-10-3	n-Hexadecanoic acid	200	J			18.016	
000192-97-2	Benzo[e]pyrene	310	J			24.468	
E966796	Total Alkanes	37	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F90	SDG No.:	BP102124
Lab Sample ID:	P4429-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022511.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	22	U	22	13.5	140	ug/Kg
100-52-7	Benzaldehyde	92	U	92	170	670	ug/Kg
110-86-1	Pyridine	67	U	67	340	670	ug/Kg
108-95-2	Phenol	88	U	88	170	670	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	82	U	82	170	670	ug/Kg
95-57-8	2-Chlorophenol	47	U	47	86.8	350	ug/Kg
95-48-7	2-Methylphenol	80	U	80	170	670	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	170	670	ug/Kg
98-86-2	Acetophenone	82	U	82	170	670	ug/Kg
106-44-5	4-Methylphenol	76	U	76	170	670	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	86.8	350	ug/Kg
67-72-1	Hexachloroethane	37	U	37	86.8	350	ug/Kg
98-95-3	Nitrobenzene	63	U	63	86.8	350	ug/Kg
78-59-1	Isophorone	98	U	98	86.8	350	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	86.8	350	ug/Kg
105-67-9	2,4-Dimethylphenol	51	U	51	86.8	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	88	U	88	86.8	350	ug/Kg
120-83-2	2,4-Dichlorophenol	33	U	33	86.8	350	ug/Kg
91-20-3	Naphthalene	51	U	51	86.8	350	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	86.8	670	ug/Kg
87-68-3	Hexachlorobutadiene	90	U	90	86.8	350	ug/Kg
105-60-2	Caprolactam	150	U	150	170	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	86.8	350	ug/Kg
90-12-0	1-Methylnaphthalene	67	U	67	86.8	350	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	86.8	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	170	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	86.8	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80	U	80	86.8	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F90	SDG No.:	BP102124
Lab Sample ID:	P4429-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022511.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	49	U	49	86.8	350	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	86.8	350	ug/Kg
88-74-4	2-Nitroaniline	84	U	84	86.8	350	ug/Kg
131-11-3	Dimethylphthalate	59	U	59	86.8	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	86.8	350	ug/Kg
208-96-8	Acenaphthylene	65	U	65	86.8	350	ug/Kg
99-09-2	3-Nitroaniline	90	U	90	170	670	ug/Kg
83-32-9	Acenaphthene	59	U	59	86.8	350	ug/Kg
51-28-5	2,4-Dinitrophenol	98	U	98	170	670	ug/Kg
100-02-7	4-Nitrophenol	90	U	90	170	670	ug/Kg
132-64-9	Dibenzofuran	65	U	65	86.8	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	88	U	88	86.8	350	ug/Kg
84-66-2	Diethylphthalate	61	U	61	86.8	350	ug/Kg
86-73-7	Fluorene	51	U	51	86.8	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41	U	41	86.8	350	ug/Kg
100-01-6	4-Nitroaniline	63	U	63	170	670	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	170	670	ug/Kg
86-30-6	N-Nitrosodiphenylamine	67	U	67	86.8	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	86.8	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	86.8	350	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	86.8	350	ug/Kg
1912-24-9	Atrazine	150	U	150	170	670	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	170	670	ug/Kg
85-01-8	Phenanthrene	110	J	59	86.8	350	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	86.8	350	ug/Kg
120-12-7	Anthracene	51	U	51	86.8	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	100	U	100	86.8	350	ug/Kg
86-74-8	Carbazole	57	U	57	170	670	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	86.8	350	ug/Kg
206-44-0	Fluoranthene	210	J	110	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F90	SDG No.:	BP102124
Lab Sample ID:	P4429-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022511.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	100	86.8	350	ug/Kg
85-68-7	Butylbenzylphthalate	170	U	170	86.8	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	98	U	98	170	670	ug/Kg
56-55-3	Benzo(a)anthracene	87	J	55	86.8	350	ug/Kg
218-01-9	Chrysene	94	J	63	86.8	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	U	200	86.8	350	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	170	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	J	67	86.8	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	78	86.8	350	ug/Kg
50-32-8	Benzo(a)pyrene	77	J	65	86.8	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	63	U	63	86.8	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	57	U	57	86.8	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	53	U	53	86.8	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	67	U	67	86.8	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.96		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.869		20-120		37	SPK: -40
4165-62-2	Phenol-d5	17.429		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.761		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.813		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.377		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	18.528		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.16		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.148		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.956		1-145		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.281		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.782		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.823		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	19.651		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F90	SDG No.:	BP102124
Lab Sample ID:	P4429-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022511.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.552		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	20.053		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.563		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.841		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	95407	7.663				
1146-65-2	Naphthalene-d8	370390	10.41				
15067-26-2	Acenaphthene-d10	297892	14.281				
1517-22-2	Phenanthrene-d10	729423	17.069				
1719-03-5	Chrysene-d12	731145	21.498				
1520-96-3	Perylene-d12	891522	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.657	
000057-10-3	n-Hexadecanoic acid	260	J			18.01	
E966796	Total Alkanes	49	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA5	SDG No.:	BP102124
Lab Sample ID:	P4429-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022512.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	11.8	120	ug/Kg
100-52-7	Benzaldehyde	81	U	81	150	590	ug/Kg
110-86-1	Pyridine	59	U	59	300	590	ug/Kg
108-95-2	Phenol	77	U	77	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	72	U	72	150	590	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	76	300	ug/Kg
95-48-7	2-Methylphenol	70	U	70	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	590	ug/Kg
98-86-2	Acetophenone	190	J	72	150	590	ug/Kg
106-44-5	4-Methylphenol	66	U	66	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	76	300	ug/Kg
67-72-1	Hexachloroethane	32	U	32	76	300	ug/Kg
98-95-3	Nitrobenzene	55	U	55	76	300	ug/Kg
78-59-1	Isophorone	86	U	86	76	300	ug/Kg
88-75-5	2-Nitrophenol	55	U	55	76	300	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	76	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	77	U	77	76	300	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	76	300	ug/Kg
91-20-3	Naphthalene	45	U	45	76	300	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	76	590	ug/Kg
87-68-3	Hexachlorobutadiene	79	U	79	76	300	ug/Kg
105-60-2	Caprolactam	130	U	130	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	88	U	88	76	300	ug/Kg
90-12-0	1-Methylnaphthalene	59	U	59	76	300	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	76	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	88	U	88	76	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	70	U	70	76	300	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA5	SDG No.:	BP102124
Lab Sample ID:	P4429-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022512.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	43	U	43	76	300	ug/Kg
91-58-7	2-Chloronaphthalene	47	U	47	76	300	ug/Kg
88-74-4	2-Nitroaniline	73	U	73	76	300	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	76	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	79	U	79	76	300	ug/Kg
208-96-8	Acenaphthylene	57	U	57	76	300	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	150	590	ug/Kg
83-32-9	Acenaphthene	52	U	52	76	300	ug/Kg
51-28-5	2,4-Dinitrophenol	86	U	86	150	590	ug/Kg
100-02-7	4-Nitrophenol	79	U	79	150	590	ug/Kg
132-64-9	Dibenzofuran	57	U	57	76	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	77	U	77	76	300	ug/Kg
84-66-2	Diethylphthalate	54	U	54	76	300	ug/Kg
86-73-7	Fluorene	45	U	45	76	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	36	U	36	76	300	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	59	76	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	76	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	76	300	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	76	300	ug/Kg
1912-24-9	Atrazine	130	U	130	150	590	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	590	ug/Kg
85-01-8	Phenanthrene	220	J	52	76	300	ug/Kg
608-93-5	Pentachlorobenzene	93	U	93	76	300	ug/Kg
120-12-7	Anthracene	45	U	45	76	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	89	U	89	76	300	ug/Kg
86-74-8	Carbazole	50	U	50	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	76	300	ug/Kg
206-44-0	Fluoranthene	390		97	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA5	SDG No.:	BP102124
Lab Sample ID:	P4429-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022512.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	240	J	88	76	300	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	76	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	86	U	86	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	48	76	300	ug/Kg
218-01-9	Chrysene	150	J	55	76	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	76	300	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	180	J	59	76	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	U	68	76	300	ug/Kg
50-32-8	Benzo(a)pyrene	68	J	57	76	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	76	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	U	50	76	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	76	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	59	U	59	76	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.913		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.114		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.102		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.307		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.211		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	12.782		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.418		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.914		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.646		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.68		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.517		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.386		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	12.93		20-140		32	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FA5	SDG No.:	BP102124
Lab Sample ID:	P4429-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022512.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.587		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	13.074		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	12.113		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.527		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98089	7.664				
1146-65-2	Naphthalene-d8	369307	10.416				
15067-26-2	Acenaphthene-d10	281298	14.287				
1517-22-2	Phenanthrene-d10	677606	17.075				
1719-03-5	Chrysene-d12	706183	21.51				
1520-96-3	Perylene-d12	842549	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	180	J			15.663	
000057-10-3	n-Hexadecanoic acid	140	J			18.016	
E966796	Total Alkanes	43	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G8RX	SDG No.:	BP102124
Lab Sample ID:	P4380-23RX	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022513.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	16		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	2.1	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G8RX	SDG No.:	BP102124
Lab Sample ID:	P4380-23RX	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022513.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G8RX	SDG No.:	BP102124
Lab Sample ID:	P4380-23RX	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022513.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.849		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	10.2		20-120		25	SPK: -40
4165-62-2	Phenol-d5	12.246		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.092		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.584		20-130		84	SPK: -40
190780-66-6	4-Methylphenol-d8	24.571		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	36.788		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.995		20-130		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.269		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.08		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.666		25-130		84	SPK: -40
93951-97-4	Acenaphthylene-d8	35.867		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.034		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	36.032		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	10/9/2024 12:00:00 AM
Project:		Date Received:	10/9/2024 12:00:00 AM
Client Sample ID:	E27G8RX	SDG No.:	BP102124
Lab Sample ID:	P4380-23RX	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022513.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.054		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	38.655		25-130		97	SPK: -40
1718-52-1	Pyrene-d10	40.701		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.181		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114113	7.663				
1146-65-2	Naphthalene-d8	422189	10.422				
15067-26-2	Acenaphthene-d10	338869	14.281				
1517-22-2	Phenanthrene-d10	769503	17.081				
1719-03-5	Chrysene-d12	783006	21.504				
1520-96-3	Perylene-d12	905299	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000116-53-0	Butanoic acid, 2-methyl-	5.6	J			4.793	
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	7.5	J			10.204	
000103-82-2	Benzeneacetic acid	17	J			11.004	
000120-72-9	Indole	7	J			11.922	
000501-52-0	Hydrocinnamic acid	8.3	J			12.246	
000121-33-5	Vanillin	3.4	J			13.193	
000498-02-2	Apocynin	2.7	J			14.14	
000134-96-3	Benzaldehyde, 4-hydroxy-3,5-dimeth	2.9	J			15.751	
002478-38-8	Ethanone, 1-(4-hydroxy-3,5-dimetho	6.2	J			16.369	
001740-19-8	Dehydroabietic acid	3	J			21.127	
000301-02-0	9-Octadecenamide, (Z)-	5.6	J			23.045	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SBLK300	SDG No.:	BP102124
Lab Sample ID:	PB164300BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BP022514.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SBLK300	SDG No.:	BP102124
Lab Sample ID:	PB164300BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022514.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SBLK300	SDG No.:	BP102124
Lab Sample ID:	PB164300BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022514.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.699		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.602		20-120		57	SPK: -40
4165-62-2	Phenol-d5	23.778		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.502		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.049		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.989		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.225		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.338		20-130		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.923		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.015		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.504		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.69		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.263		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	25.548		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SBLK300	SDG No.:	BP102124
Lab Sample ID:	PB164300BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022514.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.864		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	27.211		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.553		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.885		20-130		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	102173	7.663				
1146-65-2	Naphthalene-d8	381968	10.416				
15067-26-2	Acenaphthene-d10	297351	14.275				
1517-22-2	Phenanthrene-d10	713969	17.08				
1719-03-5	Chrysene-d12	803498	21.504				
1520-96-3	Perylene-d12	911432	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SLCS300	SDG No.:	BP102124
Lab Sample ID:	PB164300BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022515.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.7		0.35	0.5	2	ug/L
110-86-1	Pyridine	27		1.7	10	10	ug/L
100-52-7	Benzaldehyde	9.3	J	1.1	5	10	ug/L
108-95-2	Phenol	31		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	31		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	31		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		1.9	5	10	ug/L
98-86-2	Acetophenone	29		1.5	5	10	ug/L
106-44-5	4-Methylphenol	32		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	29		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	27		1.4	2.5	5	ug/L
78-59-1	Isophorone	29		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	32		1.1	2.5	5	ug/L
91-20-3	Naphthalene	28		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	16		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		1.5	2.5	5	ug/L
105-60-2	Caprolactam	29		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	30		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	19		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	30		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SLCS300	SDG No.:	BP102124
Lab Sample ID:	PB164300BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022515.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	28		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	31		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	25		1.6	5	10	ug/L
83-32-9	Acenaphthene	28		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	28		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	29		1.4	5	10	ug/L
132-64-9	Dibenzofuran	28		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	30		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	29		1.3	2.5	5	ug/L
86-73-7	Fluorene	28		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	33		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	28		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		1.2	2.5	5	ug/L
1912-24-9	Atrazine	31		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	29		1.9	5	10	ug/L
85-01-8	Phenanthrene	28		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	27		1.7	2.5	5	ug/L
120-12-7	Anthracene	28		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	27		1.7	2.5	5	ug/L
86-74-8	Carbazole	28		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	29		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	31		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SLCS300	SDG No.:	BP102124
Lab Sample ID:	PB164300BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022515.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	30		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		1.1	2.5	5	ug/L
218-01-9	Chrysene	29		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	28		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	28		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	30		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.906		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	27.121		20-120		68	SPK: -40
4165-62-2	Phenol-d5	30.68		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.473		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.612		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	31.685		25-125		79	SPK: -40
4165-60-0	Nitrobenzene-d5	29.178		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.99		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.384		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.483		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.224		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	28.074		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.594		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	28.279		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	10/21/2024 12:00:00 AM
Project:		Date Received:	10/21/2024 12:00:00 AM
Client Sample ID:	SLCS300	SDG No.:	BP102124
Lab Sample ID:	PB164300BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022515.D	1	10/21/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164300

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.475		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	28.652		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	30.379		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.635		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85285	7.658				
1146-65-2	Naphthalene-d8	348257	10.422				
15067-26-2	Acenaphthene-d10	293861	14.269				
1517-22-2	Phenanthrene-d10	725996	17.069				
1719-03-5	Chrysene-d12	762005	21.504				
1520-96-3	Perylene-d12	881720	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SLCS283	SDG No.:	BP102124
Lab Sample ID:	PB164283BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022516.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320		11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	280	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	870		33	170	330	ug/Kg
108-95-2	Phenol	1000		43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	960		40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1000		39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	930		60	82.5	330	ug/Kg
98-86-2	Acetophenone	960		40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1000		37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	950		18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	930		31	42.5	170	ug/Kg
78-59-1	Isophorone	960		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	990		25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950		43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		16	42.5	170	ug/Kg
91-20-3	Naphthalene	960		25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	580		24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	960		44	42.5	170	ug/Kg
105-60-2	Caprolactam	980		72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	950		33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	990		23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	620		95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SLCS283	SDG No.:	BP102124
Lab Sample ID:	PB164283BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022516.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	950		24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	960		26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	970		41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	960		29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	940		32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	930		44	82.5	330	ug/Kg
83-32-9	Acenaphthene	960		29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	920		48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	950		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	960		32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000		43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	980		30	42.5	170	ug/Kg
86-73-7	Fluorene	960		25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	950		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	910		77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	950		33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	950		24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	970		29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	970		32	42.5	170	ug/Kg
1912-24-9	Atrazine	1000		71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	950		74	82.5	330	ug/Kg
85-01-8	Phenanthrene	950		29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	920		52	42.5	170	ug/Kg
120-12-7	Anthracene	950		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	930		50	42.5	170	ug/Kg
86-74-8	Carbazole	930		28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	990		61	42.5	170	ug/Kg
206-44-0	Fluoranthene	1000		54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SLCS283	SDG No.:	BP102124
Lab Sample ID:	PB164283BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022516.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1000		84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	940		48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	960		27	42.5	170	ug/Kg
218-01-9	Chrysene	950		31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	990		33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	980		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	960		32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	970		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	960		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.852		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	27.319		20-120		68	SPK: -40
4165-62-2	Phenol-d5	31.46		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.522		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.336		15-120		81	SPK: -40
190780-66-6	4-Methylphenol-d8	32.225		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	30.519		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.945		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.842		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.555		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.863		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.976		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.876		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	29.687		20-140		74	SPK: -40

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SLCS283	SDG No.:	BP102124
Lab Sample ID:	PB164283BS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022516.D	1	10/18/2024 12:00:00 AM	10/21/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.842		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	29.027		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	31.797		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.822		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91004	7.663				
1146-65-2	Naphthalene-d8	366926	10.416				
15067-26-2	Acenaphthene-d10	297916	14.275				
1517-22-2	Phenanthrene-d10	739749	17.075				
1719-03-5	Chrysene-d12	753931	21.516				
1520-96-3	Perylene-d12	853306	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BP102124
Lab Sample ID:	PB164219BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022518.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BP102124
Lab Sample ID:	PB164219BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022518.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BP102124
Lab Sample ID:	PB164219BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022518.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.155		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	24.438		20-120		61	SPK: -40
4165-62-2	Phenol-d5	25.043		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.654		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.18		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.035		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.656		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.273		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.367		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.151		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.783		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.222		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.768		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	26.759		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	10/18/2024 12:00:00 AM
Project:		Date Received:	10/18/2024 12:00:00 AM
Client Sample ID:	SBLK219	SDG No.:	BP102124
Lab Sample ID:	PB164219BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022518.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.142		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	28.381		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	27.822		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.368		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98001	7.663				
1146-65-2	Naphthalene-d8	364980	10.416				
15067-26-2	Acenaphthene-d10	276082	14.275				
1517-22-2	Phenanthrene-d10	660515	17.069				
1719-03-5	Chrysene-d12	737110	21.516				
1520-96-3	Perylene-d12	856632	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F70	SDG No.:	BP102124
Lab Sample ID:	P4414-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022519.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.2	93	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	60	U	60	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.4	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	84	U	84	120	460	ug/Kg
98-86-2	Acetophenone	56	U	56	120	460	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	71	U	71	59.4	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.4	240	ug/Kg
98-95-3	Nitrobenzene	43	U	43	59.4	240	ug/Kg
78-59-1	Isophorone	67	U	67	59.4	240	ug/Kg
88-75-5	2-Nitrophenol	43	U	43	59.4	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.4	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	59.4	240	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	59.4	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.4	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.4	460	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.4	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.4	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	59.4	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.4	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.4	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.4	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F70	SDG No.:	BP102124
Lab Sample ID:	P4414-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022519.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.4	240	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	59.4	240	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	59.4	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.4	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.4	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	460	ug/Kg
83-32-9	Acenaphthene	41	U	41	59.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	67	U	67	120	460	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	460	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	60	U	60	59.4	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.4	240	ug/Kg
86-73-7	Fluorene	35	U	35	59.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.4	240	ug/Kg
100-01-6	4-Nitroaniline	43	U	43	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	59.4	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.4	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.4	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.4	240	ug/Kg
1912-24-9	Atrazine	99	U	99	120	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	460	ug/Kg
85-01-8	Phenanthrene	150	J	41	59.4	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.4	240	ug/Kg
120-12-7	Anthracene	35	U	35	59.4	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.4	240	ug/Kg
86-74-8	Carbazole	39	U	39	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	85	U	85	59.4	240	ug/Kg
206-44-0	Fluoranthene	210	J	76	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F70	SDG No.:	BP102124
Lab Sample ID:	P4414-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022519.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	190	J	69	59.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.4	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	95	J	38	59.4	240	ug/Kg
218-01-9	Chrysene	110	J	43	59.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	59.4	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	46	59.4	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	59.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	89	J	45	59.4	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	J	43	59.4	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	59.4	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	J	36	59.4	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	59.4	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.806		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	18.414		20-120		46	SPK: -40
4165-62-2	Phenol-d5	21.023		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.423		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.282		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.703		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.644		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.309		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.399		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.073		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.263		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.425		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.732		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	25.082		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F70	SDG No.:	BP102124
Lab Sample ID:	P4414-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022519.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.864		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	24.869		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.037		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.032		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98045	7.663				
1146-65-2	Naphthalene-d8	360727	10.416				
15067-26-2	Acenaphthene-d10	272574	14.275				
1517-22-2	Phenanthrene-d10	667631	17.081				
1719-03-5	Chrysene-d12	752554	21.498				
1520-96-3	Perylene-d12	916971	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	370	J			15.669	
000057-10-3	n-Hexadecanoic acid	220	J			18.022	
	(DEL) Alkane: Straight-Chain	190	J			21.186	
000545-47-1	Lupeol	260	J			32.291	
E966796	Total Alkanes	190				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F95	SDG No.:	BP102124
Lab Sample ID:	P4414-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022520.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.5	96	ug/Kg
100-52-7	Benzaldehyde	65	U	65	120	480	ug/Kg
110-86-1	Pyridine	48	U	48	240	480	ug/Kg
108-95-2	Phenol	62	U	62	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	58	U	58	120	480	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	61.2	240	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	86	U	86	120	480	ug/Kg
98-86-2	Acetophenone	58	U	58	120	480	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	61.2	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	61.2	240	ug/Kg
98-95-3	Nitrobenzene	45	U	45	61.2	240	ug/Kg
78-59-1	Isophorone	69	U	69	61.2	240	ug/Kg
88-75-5	2-Nitrophenol	45	U	45	61.2	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	61.2	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	61.2	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	61.2	240	ug/Kg
91-20-3	Naphthalene	36	U	36	61.2	240	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	61.2	480	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	61.2	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	71	U	71	61.2	240	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	61.2	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	61.2	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	71	U	71	61.2	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	61.2	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F95	SDG No.:	BP102124
Lab Sample ID:	P4414-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022520.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	61.2	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	61.2	240	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	61.2	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	61.2	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	61.2	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	61.2	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	480	ug/Kg
83-32-9	Acenaphthene	42	U	42	61.2	240	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	120	480	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	480	ug/Kg
132-64-9	Dibenzofuran	46	U	46	61.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	61.2	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	61.2	240	ug/Kg
86-73-7	Fluorene	36	U	36	61.2	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	61.2	240	ug/Kg
100-01-6	4-Nitroaniline	45	U	45	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	61.2	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	61.2	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	61.2	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	61.2	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	480	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	480	ug/Kg
85-01-8	Phenanthrene	140	J	42	61.2	240	ug/Kg
608-93-5	Pentachlorobenzene	75	U	75	61.2	240	ug/Kg
120-12-7	Anthracene	36	U	36	61.2	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	72	U	72	61.2	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	88	U	88	61.2	240	ug/Kg
206-44-0	Fluoranthene	240		78	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F95	SDG No.:	BP102124
Lab Sample ID:	P4414-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022520.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	220	J	71	61.2	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	61.2	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	100	J	39	61.2	240	ug/Kg
218-01-9	Chrysene	130	J	45	61.2	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	140	61.2	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	48	61.2	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	61.2	240	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	46	61.2	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	58	J	45	61.2	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	61.2	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	77	J	37	61.2	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	61.2	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.735		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	18.521		20-120		46	SPK: -40
4165-62-2	Phenol-d5	23.326		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.017		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.647		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.375		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	26.078		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.402		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.315		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.929		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.594		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.289		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.262		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	26.54		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F95	SDG No.:	BP102124
Lab Sample ID:	P4414-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022520.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.592		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	27.219		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	29.198		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.328		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	114911	7.663				
1146-65-2	Naphthalene-d8	447006	10.422				
15067-26-2	Acenaphthene-d10	342675	14.275				
1517-22-2	Phenanthrene-d10	783656	17.081				
1719-03-5	Chrysene-d12	761798	21.504				
1520-96-3	Perylene-d12	903569	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.663	
000057-10-3	n-Hexadecanoic acid	260	J			18.022	
E966796	Total Alkanes	35	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F83	SDG No.:	BP102124
Lab Sample ID:	P4414-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022521.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.3	94	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
108-95-2	Phenol	61	U	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	470	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.9	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	56	U	56	120	470	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	59.9	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.9	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	59.9	240	ug/Kg
78-59-1	Isophorone	68	U	68	59.9	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	59.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	59.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	59.9	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.9	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.9	470	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.9	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	59.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.9	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F83	SDG No.:	BP102124
Lab Sample ID:	P4414-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022521.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	59.9	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	59.9	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.9	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.9	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	59.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	470	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	59.9	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.9	240	ug/Kg
86-73-7	Fluorene	35	U	35	59.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.9	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	59.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.9	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.9	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	470	ug/Kg
85-01-8	Phenanthrene	140	J	41	59.9	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.9	240	ug/Kg
120-12-7	Anthracene	35	U	35	59.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.9	240	ug/Kg
86-74-8	Carbazole	39	U	39	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	59.9	240	ug/Kg
206-44-0	Fluoranthene	320		76	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F83	SDG No.:	BP102124
Lab Sample ID:	P4414-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022521.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250		69	59.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	110	J	38	59.9	240	ug/Kg
218-01-9	Chrysene	130	J	44	59.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	59.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	47	59.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	J	54	59.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	45	59.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	64	J	44	59.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39	U	39	59.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	78	J	37	59.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	59.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.832		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	20.791		20-120		52	SPK: -40
4165-62-2	Phenol-d5	24.995		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.995		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.063		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.775		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	26.267		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.59		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.724		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.784		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.964		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.649		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.862		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.639		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F83	SDG No.:	BP102124
Lab Sample ID:	P4414-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022521.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.278		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	27.432		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.319		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.572		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97144	7.663				
1146-65-2	Naphthalene-d8	363331	10.416				
15067-26-2	Acenaphthene-d10	275476	14.269				
1517-22-2	Phenanthrene-d10	673772	17.086				
1719-03-5	Chrysene-d12	682269	21.516				
1520-96-3	Perylene-d12	799999	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	760	J			15.663	
000084-69-5	1,2-Benzenedicarboxylic acid, bis(	430	J			17.386	
000057-10-3	n-Hexadecanoic acid	310	J			18.016	
1000351-78-2	Heptacosyl acetate	180	J			21.186	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F86	SDG No.:	BP102124
Lab Sample ID:	P4414-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022522.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	20.2	200	ug/Kg
100-52-7	Benzaldehyde	140	U	140	250	1000	ug/Kg
110-86-1	Pyridine	100	U	100	500	1000	ug/Kg
108-95-2	Phenol	130	U	130	250	1000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	250	1000	ug/Kg
95-57-8	2-Chlorophenol	70	U	70	130	520	ug/Kg
95-48-7	2-Methylphenol	120	U	120	250	1000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	180	U	180	250	1000	ug/Kg
98-86-2	Acetophenone	120	U	120	250	1000	ug/Kg
106-44-5	4-Methylphenol	110	U	110	250	1000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	130	520	ug/Kg
67-72-1	Hexachloroethane	55	U	55	130	520	ug/Kg
98-95-3	Nitrobenzene	95	U	95	130	520	ug/Kg
78-59-1	Isophorone	150	U	150	130	520	ug/Kg
88-75-5	2-Nitrophenol	95	U	95	130	520	ug/Kg
105-67-9	2,4-Dimethylphenol	76	U	76	130	520	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	U	130	130	520	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	130	520	ug/Kg
91-20-3	Naphthalene	76	U	76	130	520	ug/Kg
106-47-8	4-Chloroaniline	73	U	73	130	1000	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	130	520	ug/Kg
105-60-2	Caprolactam	220	U	220	250	1000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	150	U	150	130	520	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	130	520	ug/Kg
91-57-6	2-Methylnaphthalene	70	U	70	130	520	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	1000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	U	150	130	520	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	U	120	130	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F86	SDG No.:	BP102124
Lab Sample ID:	P4414-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022522.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	73	U	73	130	520	ug/Kg
91-58-7	2-Chloronaphthalene	80	U	80	130	520	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	130	520	ug/Kg
131-11-3	Dimethylphthalate	89	U	89	130	520	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	130	520	ug/Kg
208-96-8	Acenaphthylene	98	U	98	130	520	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	250	1000	ug/Kg
83-32-9	Acenaphthene	89	U	89	130	520	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	250	1000	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	1000	ug/Kg
132-64-9	Dibenzofuran	98	U	98	130	520	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	130	520	ug/Kg
84-66-2	Diethylphthalate	92	U	92	130	520	ug/Kg
86-73-7	Fluorene	76	U	76	130	520	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	130	520	ug/Kg
100-01-6	4-Nitroaniline	95	U	95	250	1000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	240	U	240	250	1000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	130	520	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	73	U	73	130	520	ug/Kg
101-55-3	4-Bromophenyl-phenylether	89	U	89	130	520	ug/Kg
118-74-1	Hexachlorobenzene	98	U	98	130	520	ug/Kg
1912-24-9	Atrazine	220	U	220	250	1000	ug/Kg
87-86-5	Pentachlorophenol	230	U	230	250	1000	ug/Kg
85-01-8	Phenanthrene	270	J	89	130	520	ug/Kg
608-93-5	Pentachlorobenzene	160	U	160	130	520	ug/Kg
120-12-7	Anthracene	76	U	76	130	520	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	130	520	ug/Kg
86-74-8	Carbazole	86	U	86	250	1000	ug/Kg
84-74-2	Di-n-butylphthalate	190	U	190	130	520	ug/Kg
206-44-0	Fluoranthene	570		170	250	520	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F86	SDG No.:	BP102124
Lab Sample ID:	P4414-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022522.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	430	J	150	130	520	ug/Kg
85-68-7	Butylbenzylphthalate	260	U	260	130	520	ug/Kg
91-94-1	3,3-Dichlorobenzidine	150	U	150	250	1000	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	83	130	520	ug/Kg
218-01-9	Chrysene	230	J	95	130	520	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	U	290	130	520	ug/Kg
117-84-0	Di-n-octyl phthalate	230	U	230	250	1000	ug/Kg
205-99-2	Benzo(b)fluoranthene	270	J	100	130	520	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	U	120	130	520	ug/Kg
50-32-8	Benzo(a)pyrene	170	J	98	130	520	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	95	U	95	130	520	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	86	U	86	130	520	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	80	130	520	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	100	U	100	130	520	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.538		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	19.304		20-120		48	SPK: -40
4165-62-2	Phenol-d5	24.497		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.381		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.109		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	25.974		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	25.461		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.818		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.577		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.431		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.068		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.718		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.664		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.85		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F86	SDG No.:	BP102124
Lab Sample ID:	P4414-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	67.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022522.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.263		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	27.326		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	29.087		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.096		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	100511	7.663				
1146-65-2	Naphthalene-d8	394506	10.422				
15067-26-2	Acenaphthene-d10	304716	14.269				
1517-22-2	Phenanthrene-d10	745572	17.063				
1719-03-5	Chrysene-d12	754721	21.51				
1520-96-3	Perylene-d12	877723	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	700	J			15.645	
000057-10-3	n-Hexadecanoic acid	550	J			18.004	
	(DEL) Alkane: Straight-Chain	230	J			21.186	
E966796	Total Alkanes	230				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA0	SDG No.:	BP102124
Lab Sample ID:	P4414-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022523.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10.4	110	ug/Kg
100-52-7	Benzaldehyde	71	U	71	130	520	ug/Kg
110-86-1	Pyridine	52	U	52	260	520	ug/Kg
108-95-2	Phenol	68	U	68	130	520	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	63	U	63	130	520	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	67.1	270	ug/Kg
95-48-7	2-Methylphenol	62	U	62	130	520	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	95	U	95	130	520	ug/Kg
98-86-2	Acetophenone	63	U	63	130	520	ug/Kg
106-44-5	4-Methylphenol	58	U	58	130	520	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	81	U	81	67.1	270	ug/Kg
67-72-1	Hexachloroethane	28	U	28	67.1	270	ug/Kg
98-95-3	Nitrobenzene	49	U	49	67.1	270	ug/Kg
78-59-1	Isophorone	76	U	76	67.1	270	ug/Kg
88-75-5	2-Nitrophenol	49	U	49	67.1	270	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	67.1	270	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	67.1	270	ug/Kg
120-83-2	2,4-Dichlorophenol	25	U	25	67.1	270	ug/Kg
91-20-3	Naphthalene	100	J	39	67.1	270	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	67.1	520	ug/Kg
87-68-3	Hexachlorobutadiene	70	U	70	67.1	270	ug/Kg
105-60-2	Caprolactam	110	U	110	130	520	ug/Kg
59-50-7	4-Chloro-3-methylphenol	77	U	77	67.1	270	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	67.1	270	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	67.1	270	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	520	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	67.1	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	62	U	62	67.1	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA0	SDG No.:	BP102124
Lab Sample ID:	P4414-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022523.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	67.1	270	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	67.1	270	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	67.1	270	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	67.1	270	ug/Kg
606-20-2	2,6-Dinitrotoluene	70	U	70	67.1	270	ug/Kg
208-96-8	Acenaphthylene	51	U	51	67.1	270	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	130	520	ug/Kg
83-32-9	Acenaphthene	46	U	46	67.1	270	ug/Kg
51-28-5	2,4-Dinitrophenol	76	U	76	130	520	ug/Kg
100-02-7	4-Nitrophenol	70	U	70	130	520	ug/Kg
132-64-9	Dibenzofuran	51	U	51	67.1	270	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	67.1	270	ug/Kg
84-66-2	Diethylphthalate	47	U	47	67.1	270	ug/Kg
86-73-7	Fluorene	39	U	39	67.1	270	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	67.1	270	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	130	520	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	130	520	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	67.1	270	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	67.1	270	ug/Kg
101-55-3	4-Bromophenyl-phenylether	46	U	46	67.1	270	ug/Kg
118-74-1	Hexachlorobenzene	51	U	51	67.1	270	ug/Kg
1912-24-9	Atrazine	110	U	110	130	520	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	130	520	ug/Kg
85-01-8	Phenanthrene	270		46	67.1	270	ug/Kg
608-93-5	Pentachlorobenzene	82	U	82	67.1	270	ug/Kg
120-12-7	Anthracene	39	U	39	67.1	270	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	79	U	79	67.1	270	ug/Kg
86-74-8	Carbazole	44	U	44	130	520	ug/Kg
84-74-2	Di-n-butylphthalate	96	U	96	67.1	270	ug/Kg
206-44-0	Fluoranthene	320		85	130	270	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA0	SDG No.:	BP102124
Lab Sample ID:	P4414-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022523.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270		77	67.1	270	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	67.1	270	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	130	520	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	43	67.1	270	ug/Kg
218-01-9	Chrysene	130	J	49	67.1	270	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	67.1	270	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	130	520	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	52	67.1	270	ug/Kg
207-08-9	Benzo(k)fluoranthene	60	U	60	67.1	270	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	51	67.1	270	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	54	J	49	67.1	270	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	67.1	270	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	J	41	67.1	270	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	67.1	270	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.821		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.749		20-120		37	SPK: -40
4165-62-2	Phenol-d5	18.006		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.568		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.881		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	19.209		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	19.638		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.404		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.604		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.064		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.814		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.063		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.974		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.583		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA0	SDG No.:	BP102124
Lab Sample ID:	P4414-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	36.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022523.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.588		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	21.831		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.519		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.615		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108596	7.663				
1146-65-2	Naphthalene-d8	419203	10.416				
15067-26-2	Acenaphthene-d10	336543	14.269				
1517-22-2	Phenanthrene-d10	844849	17.063				
1719-03-5	Chrysene-d12	842518	21.504				
1520-96-3	Perylene-d12	968486	24.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	320	J			15.645	
000057-10-3	n-Hexadecanoic acid	200	J			17.992	
E966796	Total Alkanes	38	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA2	SDG No.:	BP102124
Lab Sample ID:	P4414-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022524.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	10	100	ug/Kg
100-52-7	Benzaldehyde	68	U	68	120	500	ug/Kg
110-86-1	Pyridine	50	U	50	250	500	ug/Kg
108-95-2	Phenol	65	U	65	120	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	60	U	60	120	500	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	64.1	260	ug/Kg
95-48-7	2-Methylphenol	59	U	59	120	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90	U	90	120	500	ug/Kg
98-86-2	Acetophenone	60	U	60	120	500	ug/Kg
106-44-5	4-Methylphenol	56	U	56	120	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	77	U	77	64.1	260	ug/Kg
67-72-1	Hexachloroethane	27	U	27	64.1	260	ug/Kg
98-95-3	Nitrobenzene	47	U	47	64.1	260	ug/Kg
78-59-1	Isophorone	72	U	72	64.1	260	ug/Kg
88-75-5	2-Nitrophenol	47	U	47	64.1	260	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	64.1	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	65	U	65	64.1	260	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	64.1	260	ug/Kg
91-20-3	Naphthalene	38	U	38	64.1	260	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	64.1	500	ug/Kg
87-68-3	Hexachlorobutadiene	66	U	66	64.1	260	ug/Kg
105-60-2	Caprolactam	110	U	110	120	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	74	U	74	64.1	260	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	64.1	260	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	64.1	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	74	U	74	64.1	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59	U	59	64.1	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA2	SDG No.:	BP102124
Lab Sample ID:	P4414-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022524.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	64.1	260	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	64.1	260	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	64.1	260	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	64.1	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	66	U	66	64.1	260	ug/Kg
208-96-8	Acenaphthylene	48	U	48	64.1	260	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	120	500	ug/Kg
83-32-9	Acenaphthene	44	U	44	64.1	260	ug/Kg
51-28-5	2,4-Dinitrophenol	72	U	72	120	500	ug/Kg
100-02-7	4-Nitrophenol	66	U	66	120	500	ug/Kg
132-64-9	Dibenzofuran	48	U	48	64.1	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	65	U	65	64.1	260	ug/Kg
84-66-2	Diethylphthalate	45	U	45	64.1	260	ug/Kg
86-73-7	Fluorene	38	U	38	64.1	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	30	U	30	64.1	260	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	120	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	120	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	64.1	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	64.1	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	44	U	44	64.1	260	ug/Kg
118-74-1	Hexachlorobenzene	48	U	48	64.1	260	ug/Kg
1912-24-9	Atrazine	110	U	110	120	500	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	500	ug/Kg
85-01-8	Phenanthrene	360		44	64.1	260	ug/Kg
608-93-5	Pentachlorobenzene	78	U	78	64.1	260	ug/Kg
120-12-7	Anthracene	65	J	38	64.1	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	75	U	75	64.1	260	ug/Kg
86-74-8	Carbazole	42	U	42	120	500	ug/Kg
84-74-2	Di-n-butylphthalate	92	U	92	64.1	260	ug/Kg
206-44-0	Fluoranthene	490		81	120	260	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA2	SDG No.:	BP102124
Lab Sample ID:	P4414-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022524.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	360		74	64.1	260	ug/Kg
85-68-7	Butylbenzylphthalate	130	U	130	64.1	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	120	500	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	41	64.1	260	ug/Kg
218-01-9	Chrysene	160	J	47	64.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	180	J	140	64.1	260	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	170	J	50	64.1	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	68	J	57	64.1	260	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	48	64.1	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	69	J	47	64.1	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	64.1	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	81	J	39	64.1	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	64.1	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.124		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	15.905		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.237		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.28		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.33		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	20.326		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.901		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.91		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.981		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.403		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.886		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.019		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.789		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	22.479		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4FA2	SDG No.:	BP102124
Lab Sample ID:	P4414-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	33.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022524.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.302		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	23.036		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	25.184		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.952		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	106156	7.663				
1146-65-2	Naphthalene-d8	402625	10.422				
15067-26-2	Acenaphthene-d10	320042	14.275				
1517-22-2	Phenanthrene-d10	780457	17.069				
1719-03-5	Chrysene-d12	765994	21.504				
1520-96-3	Perylene-d12	915723	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	640	J			15.657	
000057-10-3	n-Hexadecanoic acid	250	J			18.016	
1000309-12-7	Sulfurous acid, octadecyl 2-propyl	270	J			21.18	
	(DEL) Alkane: Straight-Chain21.733	110	J			21.733	
	(DEL) Alkane: Straight-Chain22.369	120	J			22.369	
	(DEL) Alkane: Straight-Chain23.892	190	J			23.892	
E966796	Total Alkanes	420				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F98	SDG No.:	BP102124
Lab Sample ID:	P4414-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022525.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.7	98	ug/Kg
100-52-7	Benzaldehyde	66	U	66	120	490	ug/Kg
110-86-1	Pyridine	49	U	49	240	490	ug/Kg
108-95-2	Phenol	63	U	63	120	490	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	120	490	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	62.5	250	ug/Kg
95-48-7	2-Methylphenol	57	U	57	120	490	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	88	U	88	120	490	ug/Kg
98-86-2	Acetophenone	59	U	59	120	490	ug/Kg
106-44-5	4-Methylphenol	54	U	54	120	490	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	75	U	75	62.5	250	ug/Kg
67-72-1	Hexachloroethane	26	U	26	62.5	250	ug/Kg
98-95-3	Nitrobenzene	46	U	46	62.5	250	ug/Kg
78-59-1	Isophorone	71	U	71	62.5	250	ug/Kg
88-75-5	2-Nitrophenol	46	U	46	62.5	250	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	62.5	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	62.5	250	ug/Kg
120-83-2	2,4-Dichlorophenol	24	U	24	62.5	250	ug/Kg
91-20-3	Naphthalene	37	U	37	62.5	250	ug/Kg
106-47-8	4-Chloroaniline	35	U	35	62.5	490	ug/Kg
87-68-3	Hexachlorobutadiene	65	U	65	62.5	250	ug/Kg
105-60-2	Caprolactam	110	U	110	120	490	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	62.5	250	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	62.5	250	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	62.5	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	490	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	62.5	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	57	62.5	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F98	SDG No.:	BP102124
Lab Sample ID:	P4414-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022525.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	62.5	250	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	62.5	250	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	62.5	250	ug/Kg
131-11-3	Dimethylphthalate	43	U	43	62.5	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	65	U	65	62.5	250	ug/Kg
208-96-8	Acenaphthylene	47	U	47	62.5	250	ug/Kg
99-09-2	3-Nitroaniline	65	U	65	120	490	ug/Kg
83-32-9	Acenaphthene	43	U	43	62.5	250	ug/Kg
51-28-5	2,4-Dinitrophenol	71	U	71	120	490	ug/Kg
100-02-7	4-Nitrophenol	65	U	65	120	490	ug/Kg
132-64-9	Dibenzofuran	47	U	47	62.5	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	63	U	63	62.5	250	ug/Kg
84-66-2	Diethylphthalate	44	U	44	62.5	250	ug/Kg
86-73-7	Fluorene	37	U	37	62.5	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	62.5	250	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	120	490	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	490	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	62.5	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	35	U	35	62.5	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	43	U	43	62.5	250	ug/Kg
118-74-1	Hexachlorobenzene	47	U	47	62.5	250	ug/Kg
1912-24-9	Atrazine	100	U	100	120	490	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	490	ug/Kg
85-01-8	Phenanthrene	200	J	43	62.5	250	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	62.5	250	ug/Kg
120-12-7	Anthracene	37	U	37	62.5	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	74	U	74	62.5	250	ug/Kg
86-74-8	Carbazole	41	U	41	120	490	ug/Kg
84-74-2	Di-n-butylphthalate	90	U	90	62.5	250	ug/Kg
206-44-0	Fluoranthene	290		79	120	250	ug/Kg

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F98	SDG No.:	BP102124
Lab Sample ID:	P4414-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022525.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200	J	72	62.5	250	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	62.5	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	120	490	ug/Kg
56-55-3	Benzo(a)anthracene	74	J	40	62.5	250	ug/Kg
218-01-9	Chrysene	99	J	46	62.5	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	62.5	250	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	490	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	49	62.5	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	62.5	250	ug/Kg
50-32-8	Benzo(a)pyrene	61	J	47	62.5	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	62.5	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	62.5	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	62.5	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	62.5	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.225		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	15.909		20-120		40	SPK: -40
4165-62-2	Phenol-d5	19.49		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.422		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.626		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.066		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	20.568		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.217		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.203		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.323		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.96		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.419		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.494		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	22.415		20-140		56	SPK: -40

Report of Analysis

Client:		Date Collected:	10/15/2024 12:00:00 AM
Project:		Date Received:	10/15/2024 12:00:00 AM
Client Sample ID:	A4F98	SDG No.:	BP102124
Lab Sample ID:	P4414-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022525.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.66		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	22.95		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.552		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.735		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	118548	7.663				
1146-65-2	Naphthalene-d8	468274	10.416				
15067-26-2	Acenaphthene-d10	365329	14.281				
1517-22-2	Phenanthrene-d10	868554	17.075				
1719-03-5	Chrysene-d12	849229	21.498				
1520-96-3	Perylene-d12	968684	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	330	J			15.663	
000057-10-3	n-Hexadecanoic acid	180	J			18.016	
959085-66-6	Heptadecyl heptafluorobutyrate	110	J			21.18	
E966796	Total Alkanes	35	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	A4F71	SDG No.:	BP102124
Lab Sample ID:	P4414-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022526.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	19.2	190	ug/Kg
100-52-7	Benzaldehyde	130	U	130	240	960	ug/Kg
110-86-1	Pyridine	96	U	96	480	960	ug/Kg
108-95-2	Phenol	120	U	120	240	960	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	120	U	120	240	960	ug/Kg
95-57-8	2-Chlorophenol	67	U	67	120	490	ug/Kg
95-48-7	2-Methylphenol	110	U	110	240	960	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	240	960	ug/Kg
98-86-2	Acetophenone	120	U	120	240	960	ug/Kg
106-44-5	4-Methylphenol	110	U	110	240	960	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	120	490	ug/Kg
67-72-1	Hexachloroethane	52	U	52	120	490	ug/Kg
98-95-3	Nitrobenzene	90	U	90	120	490	ug/Kg
78-59-1	Isophorone	140	U	140	120	490	ug/Kg
88-75-5	2-Nitrophenol	90	U	90	120	490	ug/Kg
105-67-9	2,4-Dimethylphenol	73	U	73	120	490	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	120	490	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	120	490	ug/Kg
91-20-3	Naphthalene	73	U	73	120	490	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	120	960	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	120	490	ug/Kg
105-60-2	Caprolactam	210	U	210	240	960	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	120	490	ug/Kg
90-12-0	1-Methylnaphthalene	96	U	96	120	490	ug/Kg
91-57-6	2-Methylnaphthalene	67	U	67	120	490	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	U	280	240	960	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	490	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	120	490	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	A4F71	SDG No.:	BP102124
Lab Sample ID:	P4414-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022526.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	70	U	70	120	490	ug/Kg
91-58-7	2-Chloronaphthalene	76	U	76	120	490	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	120	490	ug/Kg
131-11-3	Dimethylphthalate	84	U	84	120	490	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	120	490	ug/Kg
208-96-8	Acenaphthylene	93	U	93	120	490	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	240	960	ug/Kg
83-32-9	Acenaphthene	84	U	84	120	490	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	240	960	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	240	960	ug/Kg
132-64-9	Dibenzofuran	93	U	93	120	490	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	120	490	ug/Kg
84-66-2	Diethylphthalate	87	U	87	120	490	ug/Kg
86-73-7	Fluorene	73	U	73	120	490	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	120	490	ug/Kg
100-01-6	4-Nitroaniline	90	U	90	240	960	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	240	960	ug/Kg
86-30-6	N-Nitrosodiphenylamine	96	U	96	120	490	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	70	U	70	120	490	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84	U	84	120	490	ug/Kg
118-74-1	Hexachlorobenzene	93	U	93	120	490	ug/Kg
1912-24-9	Atrazine	210	U	210	240	960	ug/Kg
87-86-5	Pentachlorophenol	220	U	220	240	960	ug/Kg
85-01-8	Phenanthrene	84	U	84	120	490	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	120	490	ug/Kg
120-12-7	Anthracene	73	U	73	120	490	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	150	U	150	120	490	ug/Kg
86-74-8	Carbazole	81	U	81	240	960	ug/Kg
84-74-2	Di-n-butylphthalate	180	U	180	120	490	ug/Kg
206-44-0	Fluoranthene	160	U	160	240	490	ug/Kg

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	A4F71	SDG No.:	BP102124
Lab Sample ID:	P4414-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022526.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	U	140	120	490	ug/Kg
85-68-7	Butylbenzylphthalate	240	U	240	120	490	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	240	960	ug/Kg
56-55-3	Benzo(a)anthracene	78	U	78	120	490	ug/Kg
218-01-9	Chrysene	90	U	90	120	490	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	280	U	280	120	490	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	240	960	ug/Kg
205-99-2	Benzo(b)fluoranthene	96	U	96	120	490	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	120	490	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	120	490	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	U	90	120	490	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	81	U	81	120	490	ug/Kg
191-24-2	Benzo(g,h,i)perylene	76	U	76	120	490	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	96	U	96	120	490	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.091		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.786		20-120		37	SPK: -40
4165-62-2	Phenol-d5	19.498		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.045		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.183		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.754		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.567		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.136		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.75		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.58		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.237		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	21.425		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.235		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	22.076		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	10/14/2024 12:00:00 AM
Project:		Date Received:	10/14/2024 12:00:00 AM
Client Sample ID:	A4F71	SDG No.:	BP102124
Lab Sample ID:	P4414-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022526.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.929		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	22.497		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	24.227		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.487		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115011	7.663				
1146-65-2	Naphthalene-d8	439501	10.422				
15067-26-2	Acenaphthene-d10	340634	14.275				
1517-22-2	Phenanthrene-d10	814808	17.069				
1719-03-5	Chrysene-d12	840818	21.51				
1520-96-3	Perylene-d12	945004	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	690	J			15.651	
000057-10-3	n-Hexadecanoic acid	340	J			18.004	
	(DEL) Alkane: Straight-Chain	220	J			21.186	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB0	SDG No.:	BP102124
Lab Sample ID:	P4429-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022527.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.2	110	ug/Kg
100-52-7	Benzaldehyde	76	U	76	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	73	U	73	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	68	U	68	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	72.2	290	ug/Kg
95-48-7	2-Methylphenol	66	U	66	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	68	U	68	140	560	ug/Kg
106-44-5	4-Methylphenol	63	U	63	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	72.2	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	72.2	290	ug/Kg
98-95-3	Nitrobenzene	53	U	53	72.2	290	ug/Kg
78-59-1	Isophorone	82	U	82	72.2	290	ug/Kg
88-75-5	2-Nitrophenol	53	U	53	72.2	290	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	72.2	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	72.2	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	72.2	290	ug/Kg
91-20-3	Naphthalene	42	U	42	72.2	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	72.2	560	ug/Kg
87-68-3	Hexachlorobutadiene	75	U	75	72.2	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83	U	83	72.2	290	ug/Kg
90-12-0	1-Methylnaphthalene	56	U	56	72.2	290	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	72.2	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	83	U	83	72.2	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	72.2	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB0	SDG No.:	BP102124
Lab Sample ID:	P4429-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022527.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	72.2	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	72.2	290	ug/Kg
88-74-4	2-Nitroaniline	70	U	70	72.2	290	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	72.2	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	75	U	75	72.2	290	ug/Kg
208-96-8	Acenaphthylene	54	U	54	72.2	290	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	140	560	ug/Kg
83-32-9	Acenaphthene	49	U	49	72.2	290	ug/Kg
51-28-5	2,4-Dinitrophenol	82	U	82	140	560	ug/Kg
100-02-7	4-Nitrophenol	75	U	75	140	560	ug/Kg
132-64-9	Dibenzofuran	54	U	54	72.2	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	73	U	73	72.2	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	72.2	290	ug/Kg
86-73-7	Fluorene	42	U	42	72.2	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	72.2	290	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	72.2	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	72.2	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	72.2	290	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	72.2	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	560	ug/Kg
85-01-8	Phenanthrene	230	J	49	72.2	290	ug/Kg
608-93-5	Pentachlorobenzene	88	U	88	72.2	290	ug/Kg
120-12-7	Anthracene	42	U	42	72.2	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	85	U	85	72.2	290	ug/Kg
86-74-8	Carbazole	48	U	48	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	72.2	290	ug/Kg
206-44-0	Fluoranthene	460		92	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB0	SDG No.:	BP102124
Lab Sample ID:	P4429-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022527.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	340		83	72.2	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	72.2	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	82	U	82	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	46	72.2	290	ug/Kg
218-01-9	Chrysene	180	J	53	72.2	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	72.2	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	56	72.2	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	81	J	65	72.2	290	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	54	72.2	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	90	J	53	72.2	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	72.2	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	44	72.2	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	72.2	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.661		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	16.163		20-120		40	SPK: -40
4165-62-2	Phenol-d5	21.815		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.419		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.234		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	23.276		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	22.31		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.524		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.704		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.177		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.205		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.006		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.347		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	23.293		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB0	SDG No.:	BP102124
Lab Sample ID:	P4429-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	41.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022527.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.604		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	24.068		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	25.545		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.625		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	94353	7.663				
1146-65-2	Naphthalene-d8	377892	10.422				
15067-26-2	Acenaphthene-d10	295836	14.275				
1517-22-2	Phenanthrene-d10	716895	17.074				
1719-03-5	Chrysene-d12	747618	21.509				
1520-96-3	Perylene-d12	894102	24.768				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	470	J			15.651	
000057-10-3	n-Hexadecanoic acid	260	J			18.01	
	(DEL) Alkane: Straight-Chain	21.186	J			21.186	
	(DEL) Alkane: Straight-Chain	23.898	J			23.898	
E966796	Total Alkanes	480				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F74	SDG No.:	BP102124
Lab Sample ID:	P4429-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022528.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.5	96	ug/Kg
100-52-7	Benzaldehyde	65	U	65	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	240	470	ug/Kg
108-95-2	Phenol	62	U	62	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	61	240	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	86	U	86	120	470	ug/Kg
98-86-2	Acetophenone	57	U	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	61	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	61	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	61	240	ug/Kg
78-59-1	Isophorone	69	U	69	61	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	61	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	61	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	61	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	61	240	ug/Kg
91-20-3	Naphthalene	36	U	36	61	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	61	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	61	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	61	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	61	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	61	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	61	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	61	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F74	SDG No.:	BP102124
Lab Sample ID:	P4429-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022528.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	61	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	61	240	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	61	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	61	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	61	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	61	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	42	U	42	61	240	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	46	U	46	61	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	62	U	62	61	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	61	240	ug/Kg
86-73-7	Fluorene	36	U	36	61	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	61	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	61	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	61	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	61	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	61	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	56	J	42	61	240	ug/Kg
608-93-5	Pentachlorobenzene	75	U	75	61	240	ug/Kg
120-12-7	Anthracene	36	U	36	61	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	72	U	72	61	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	88	U	88	61	240	ug/Kg
206-44-0	Fluoranthene	130	J	77	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F74	SDG No.:	BP102124
Lab Sample ID:	P4429-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.3
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022528.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	70	61	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	61	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	61	240	ug/Kg
218-01-9	Chrysene	49	J	44	61	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	61	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	58	J	47	61	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	61	240	ug/Kg
50-32-8	Benzo(a)pyrene	46	U	46	61	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	61	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	61	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	61	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	61	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.124		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	14.937		20-120		37	SPK: -40
4165-62-2	Phenol-d5	19.749		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.436		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.611		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	21.125		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.056		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.467		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.249		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.244		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.066		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.838		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.63		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	23.219		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	10/17/2024 12:00:00 AM
Project:		Date Received:	10/17/2024 12:00:00 AM
Client Sample ID:	A4F74	SDG No.:	BP102124
Lab Sample ID:	P4429-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022528.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.342		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	24.148		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.356		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.189		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	111200	7.663				
1146-65-2	Naphthalene-d8	421444	10.422				
15067-26-2	Acenaphthene-d10	325496	14.275				
1517-22-2	Phenanthrene-d10	793148	17.069				
1719-03-5	Chrysene-d12	772237	21.498				
1520-96-3	Perylene-d12	925517	24.763				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	280	J			15.651	
000057-10-3	n-Hexadecanoic acid	150	J			18.004	
E966796	Total Alkanes	34	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB3	SDG No.:	BP102124
Lab Sample ID:	P4429-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022529.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.1	110	ug/Kg
100-52-7	Benzaldehyde	76	U	76	140	560	ug/Kg
110-86-1	Pyridine	56	U	56	280	560	ug/Kg
108-95-2	Phenol	84	J	72	140	560	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	67	U	67	140	560	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	71.5	290	ug/Kg
95-48-7	2-Methylphenol	66	U	66	140	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	560	ug/Kg
98-86-2	Acetophenone	320	J	67	140	560	ug/Kg
106-44-5	4-Methylphenol	62	U	62	140	560	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	71.5	290	ug/Kg
67-72-1	Hexachloroethane	30	U	30	71.5	290	ug/Kg
98-95-3	Nitrobenzene	52	U	52	71.5	290	ug/Kg
78-59-1	Isophorone	81	U	81	71.5	290	ug/Kg
88-75-5	2-Nitrophenol	52	U	52	71.5	290	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	71.5	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	72	U	72	71.5	290	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	71.5	290	ug/Kg
91-20-3	Naphthalene	310		42	71.5	290	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	71.5	560	ug/Kg
87-68-3	Hexachlorobutadiene	74	U	74	71.5	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	560	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82	U	82	71.5	290	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	56	71.5	290	ug/Kg
91-57-6	2-Methylnaphthalene	190	J	39	71.5	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	560	ug/Kg
88-06-2	2,4,6-Trichlorophenol	82	U	82	71.5	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	66	U	66	71.5	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB3	SDG No.:	BP102124
Lab Sample ID:	P4429-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022529.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	J	40	71.5	290	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	71.5	290	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	71.5	290	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	71.5	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	74	U	74	71.5	290	ug/Kg
208-96-8	Acenaphthylene	54	U	54	71.5	290	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	140	560	ug/Kg
83-32-9	Acenaphthene	960		49	71.5	290	ug/Kg
51-28-5	2,4-Dinitrophenol	81	U	81	140	560	ug/Kg
100-02-7	4-Nitrophenol	74	U	74	140	560	ug/Kg
132-64-9	Dibenzofuran	480		54	71.5	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	72	U	72	71.5	290	ug/Kg
84-66-2	Diethylphthalate	51	U	51	71.5	290	ug/Kg
86-73-7	Fluorene	870		42	71.5	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	34	U	34	71.5	290	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	140	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	560	ug/Kg
86-30-6	N-Nitrosodiphenylamine	56	U	56	71.5	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	71.5	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	71.5	290	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	71.5	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	560	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	560	ug/Kg
85-01-8	Phenanthrene	6400	E	49	71.5	290	ug/Kg
608-93-5	Pentachlorobenzene	88	U	88	71.5	290	ug/Kg
120-12-7	Anthracene	1200		42	71.5	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	84	U	84	71.5	290	ug/Kg
86-74-8	Carbazole	580		47	140	560	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	71.5	290	ug/Kg
206-44-0	Fluoranthene	6800	E	91	140	290	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB3	SDG No.:	BP102124
Lab Sample ID:	P4429-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022529.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4300		82	71.5	290	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	71.5	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	81	U	81	140	560	ug/Kg
56-55-3	Benzo(a)anthracene	2400		45	71.5	290	ug/Kg
218-01-9	Chrysene	2500		52	71.5	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	71.5	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	560	ug/Kg
205-99-2	Benzo(b)fluoranthene	2400		56	71.5	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	790		64	71.5	290	ug/Kg
50-32-8	Benzo(a)pyrene	990		54	71.5	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580		52	71.5	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	J	47	71.5	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88	J	44	71.5	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	56	U	56	71.5	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.934		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	1.286	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	10.514		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.78		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.506		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	11.388		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	11.016		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.251		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.851		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.105		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.783		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.569		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.629		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	13.568		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB3	SDG No.:	BP102124
Lab Sample ID:	P4429-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BP022529.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.251		10-130		11	SPK: -40
1719-06-8	Anthracene-d10	13.58		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	12.14		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.642		10-140		22	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	127663	7.663				
1146-65-2	Naphthalene-d8	487996	10.422				
15067-26-2	Acenaphthene-d10	364511	14.281				
1517-22-2	Phenanthrene-d10	867733	17.087				
1719-03-5	Chrysene-d12	871372	21.504				
1520-96-3	Perylene-d12	1024497	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000101-81-5	Diphenylmethane	180	J			15.498	
000119-61-9	Benzophenone	340	J			15.663	
006344-67-8	9H-Fluoren-3-ol	180	J			15.787	
001430-97-3	9H-Fluorene, 2-methyl-	260	J			16.375	
000486-25-9	9H-Fluoren-9-one	160	J			16.734	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	210	J			16.822	
000132-65-0	Dibenzothiophene	360	J			16.881	
000260-94-6	Acridine	170	J			17.269	
000262-89-5	Dibenzo[a,e]cyclooctene	150	J			17.598	
1000383-55-1	2-Methyldibenzothiophene	140	J			17.669	
002531-84-2	Phenanthrene, 2-methyl-	760	J			17.969	
000832-69-9	Phenanthrene, 1-methyl-	1100	J			18.022	
000610-48-0	Anthracene, 1-methyl-	290	J			18.116	
000832-64-4	Phenanthrene, 4-methyl-	390	J			18.216	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	570	J			18.504	
000084-65-1	9,10-Anthracenedione	560	J			18.545	
003674-69-9	Phenanthrene, 4,5-dimethyl-	180	J			18.745	

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4FB3	SDG No.:	BP102124
Lab Sample ID:	P4429-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022529.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164283

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001576-67-6	Phenanthrene, 3,6-dimethyl-	140	J			18.81	
003674-66-6	Phenanthrene, 2,5-dimethyl-	470	J			18.933	
033543-31-6	Fluoranthene, 2-methyl-	160	J			19.939	
002381-21-7	Pyrene, 1-methyl-	280	J			20.098	
000243-17-4	11H-Benzo[b]fluorene	230	J			20.204	
003442-78-2	Pyrene, 2-methyl-	170	J			20.269	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	120	J			21.08	
002498-76-2	Benz[a]anthracene, 2-methyl-	120	J			22.245	
000192-97-2	Benzo[e]pyrene	370	J			23.98	
000205-82-3	Benzo[j]fluoranthene	350	J			24.463	
E966796	Total Alkanes	40	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F64	SDG No.:	BP102124
Lab Sample ID:	P4414-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BP022530.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	18.9	190	ug/Kg
100-52-7	Benzaldehyde	130	U	130	240	950	ug/Kg
110-86-1	Pyridine	95	U	95	470	950	ug/Kg
108-95-2	Phenol	120	U	120	240	950	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	240	950	ug/Kg
95-57-8	2-Chlorophenol	66	U	66	120	490	ug/Kg
95-48-7	2-Methylphenol	110	U	110	240	950	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	240	950	ug/Kg
98-86-2	Acetophenone	110	U	110	240	950	ug/Kg
106-44-5	4-Methylphenol	110	U	110	240	950	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	120	490	ug/Kg
67-72-1	Hexachloroethane	52	U	52	120	490	ug/Kg
98-95-3	Nitrobenzene	89	U	89	120	490	ug/Kg
78-59-1	Isophorone	140	U	140	120	490	ug/Kg
88-75-5	2-Nitrophenol	89	U	89	120	490	ug/Kg
105-67-9	2,4-Dimethylphenol	72	U	72	120	490	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	120	U	120	120	490	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	120	490	ug/Kg
91-20-3	Naphthalene	72	U	72	120	490	ug/Kg
106-47-8	4-Chloroaniline	69	U	69	120	950	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	120	490	ug/Kg
105-60-2	Caprolactam	210	U	210	240	950	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	U	140	120	490	ug/Kg
90-12-0	1-Methylnaphthalene	95	U	95	120	490	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	120	490	ug/Kg
77-47-4	Hexachlorocyclopentadiene	270	U	270	240	950	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	U	140	120	490	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	120	490	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F64	SDG No.:	BP102124
Lab Sample ID:	P4414-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022530.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	69	U	69	120	490	ug/Kg
91-58-7	2-Chloronaphthalene	74	U	74	120	490	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	120	490	ug/Kg
131-11-3	Dimethylphthalate	83	U	83	120	490	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	120	490	ug/Kg
208-96-8	Acenaphthylene	92	U	92	120	490	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	240	950	ug/Kg
83-32-9	Acenaphthene	83	U	83	120	490	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	240	950	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	240	950	ug/Kg
132-64-9	Dibenzofuran	92	U	92	120	490	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	120	490	ug/Kg
84-66-2	Diethylphthalate	86	U	86	120	490	ug/Kg
86-73-7	Fluorene	72	U	72	120	490	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	120	490	ug/Kg
100-01-6	4-Nitroaniline	89	U	89	240	950	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	220	U	220	240	950	ug/Kg
86-30-6	N-Nitrosodiphenylamine	95	U	95	120	490	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	69	U	69	120	490	ug/Kg
101-55-3	4-Bromophenyl-phenylether	83	U	83	120	490	ug/Kg
118-74-1	Hexachlorobenzene	92	U	92	120	490	ug/Kg
1912-24-9	Atrazine	200	U	200	240	950	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	240	950	ug/Kg
85-01-8	Phenanthrene	140	J	83	120	490	ug/Kg
608-93-5	Pentachlorobenzene	150	U	150	120	490	ug/Kg
120-12-7	Anthracene	72	U	72	120	490	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	U	140	120	490	ug/Kg
86-74-8	Carbazole	80	U	80	240	950	ug/Kg
84-74-2	Di-n-butylphthalate	170	U	170	120	490	ug/Kg
206-44-0	Fluoranthene	400	J	150	240	490	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F64	SDG No.:	BP102124
Lab Sample ID:	P4414-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022530.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300	J	140	120	490	ug/Kg
85-68-7	Butylbenzylphthalate	240	U	240	120	490	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	240	950	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	77	120	490	ug/Kg
218-01-9	Chrysene	180	J	89	120	490	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	120	490	ug/Kg
117-84-0	Di-n-octyl phthalate	220	U	220	240	950	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	J	95	120	490	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	120	490	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	92	120	490	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	98	J	89	120	490	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80	U	80	120	490	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	74	120	490	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95	U	95	120	490	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.327		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.616		20-120		39	SPK: -40
4165-62-2	Phenol-d5	19.164		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.163		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.905		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	21.225		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.447		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.427		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.471		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.45		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.171		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.663		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	22.924		20-140		57	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F64	SDG No.:	BP102124
Lab Sample ID:	P4414-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	65.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022530.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.468		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	23.818		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	24.474		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.531		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123113	7.664				
1146-65-2	Naphthalene-d8	466592	10.416				
15067-26-2	Acenaphthene-d10	353052	14.275				
1517-22-2	Phenanthrene-d10	822286	17.087				
1719-03-5	Chrysene-d12	863731	21.504				
1520-96-3	Perylene-d12	1014787	24.774				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	560	J			15.669	
000057-10-3	n-Hexadecanoic acid	270	J			18.004	
	(DEL) Alkane: Straight-Chain	21.180	J			21.18	
005385-75-1	Dibenz(a,e)aceanthrylene	510	J			22.08	
	(DEL) Alkane: Straight-Chain	23.910	J			23.91	
E966796	Total Alkanes	430				99	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F87	SDG No.:	BP102124
Lab Sample ID:	P4414-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022531.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	9.4	95	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
110-86-1	Pyridine	47	U	47	240	470	ug/Kg
108-95-2	Phenol	61	U	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.7	240	ug/Kg
95-48-7	2-Methylphenol	56	U	56	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	86	U	86	120	470	ug/Kg
98-86-2	Acetophenone	170	J	57	120	470	ug/Kg
106-44-5	4-Methylphenol	53	U	53	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	73	U	73	60.7	240	ug/Kg
67-72-1	Hexachloroethane	26	U	26	60.7	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.7	240	ug/Kg
78-59-1	Isophorone	69	U	69	60.7	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.7	240	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	60.7	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.7	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.7	240	ug/Kg
91-20-3	Naphthalene	36	U	36	60.7	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.7	470	ug/Kg
87-68-3	Hexachlorobutadiene	63	U	63	60.7	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	70	U	70	60.7	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.7	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	60.7	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	70	U	70	60.7	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	56	60.7	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F87	SDG No.:	BP102124
Lab Sample ID:	P4414-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BP022531.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	60.7	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.7	240	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	60.7	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.7	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	63	U	63	60.7	240	ug/Kg
208-96-8	Acenaphthylene	46	U	46	60.7	240	ug/Kg
99-09-2	3-Nitroaniline	63	U	63	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60.7	240	ug/Kg
51-28-5	2,4-Dinitrophenol	69	U	69	120	470	ug/Kg
100-02-7	4-Nitrophenol	63	U	63	120	470	ug/Kg
132-64-9	Dibenzofuran	46	U	46	60.7	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.7	240	ug/Kg
84-66-2	Diethylphthalate	43	U	43	60.7	240	ug/Kg
86-73-7	Fluorene	36	U	36	60.7	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	60.7	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.7	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.7	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.7	240	ug/Kg
118-74-1	Hexachlorobenzene	46	U	46	60.7	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	120	470	ug/Kg
85-01-8	Phenanthrene	180	J	41	60.7	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.7	240	ug/Kg
120-12-7	Anthracene	36	U	36	60.7	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.7	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	87	U	87	60.7	240	ug/Kg
206-44-0	Fluoranthene	320		77	120	240	ug/Kg

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F87	SDG No.:	BP102124
Lab Sample ID:	P4414-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022531.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250		70	60.7	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.7	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	39	60.7	240	ug/Kg
218-01-9	Chrysene	140	J	44	60.7	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	60.7	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	47	60.7	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	60.7	240	ug/Kg
50-32-8	Benzo(a)pyrene	68	J	46	60.7	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	60.7	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	60.7	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	60.7	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.7	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.675		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	1.347	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	9.768		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.12		10-150		25	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.937		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	8.946		10-140		22	SPK: -40
4165-60-0	Nitrobenzene-d5	10.599		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.718		10-120		27	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	10.2		10-140		25	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.336		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.205		10-145		28	SPK: -40
93951-97-4	Acenaphthylene-d8	11.093		15-120		28	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.193		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	11.858		20-140		30	SPK: -40

Report of Analysis

Client:		Date Collected:	10/16/2024 12:00:00 AM
Project:		Date Received:	10/16/2024 12:00:00 AM
Client Sample ID:	A4F87	SDG No.:	BP102124
Lab Sample ID:	P4414-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	30.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022531.D	1	10/18/2024 12:00:00 AM	10/22/2024 12:00:00 AM	PB164219

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	3.951		10-130		10	SPK: -40
1719-06-8	Anthracene-d10	11.986		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	11.9		10-130		30	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.27		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107378	7.663				
1146-65-2	Naphthalene-d8	404078	10.416				
15067-26-2	Acenaphthene-d10	309276	14.269				
1517-22-2	Phenanthrene-d10	769025	17.063				
1719-03-5	Chrysene-d12	755794	21.498				
1520-96-3	Perylene-d12	897137	24.757				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	290	J			15.645	
000057-10-3	n-Hexadecanoic acid	140	J			17.986	
E966796	Total Alkanes	34	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EOAY0								
P4346-20	EOAY0	Solid	Benzophenone	*	590.000	J		
P4346-20	EOAY0	Solid	n-Hexadecanoic acid	*	330.000	J		
P4346-20	EOAY0	Solid	Total Alkanes	*	0.000	78	550	ug/Kg
			Total Tics :		920.00			
P4346-20	EOAY0	Solid	Benzo(a)anthracene		270.000	J 87	550	ug/Kg
P4346-20	EOAY0	Solid	Benzo(a)pyrene		290.000	J 100	550	ug/Kg
P4346-20	EOAY0	Solid	Benzo(b)fluoranthene		400.000	J 110	550	ug/Kg
P4346-20	EOAY0	Solid	Benzo(g,h,i)perylene		200.000	J 84	550	ug/Kg
P4346-20	EOAY0	Solid	Benzo(k)fluoranthene		150.000	J 120	550	ug/Kg
P4346-20	EOAY0	Solid	Chrysene		240.000	J 100	550	ug/Kg
P4346-20	EOAY0	Solid	Fluoranthene		490.000	J 170	550	ug/Kg
P4346-20	EOAY0	Solid	Indeno(1,2,3-cd)pyrene		170.000	J 100	550	ug/Kg
P4346-20	EOAY0	Solid	Phenanthrene		200.000	J 94	550	ug/Kg
P4346-20	EOAY0	Solid	Pyrene		380.000	J 160	550	ug/Kg
			Total Svoc :		2,790.00			
			Total Concentration:		3,710.00			
Client ID : E27G7DL								
P4380-22DL	E27G7DL	Water	Cyclononasiloxane, octadecameth	*	81.000	JD		
P4380-22DL	E27G7DL	Water	Hexasiloxane, tetradecamethyl-	*	100.000	JD		
P4380-22DL	E27G7DL	Water	Total Alkanes	*	0.000	D 11	50	ug/L
			Total Tics :		181.00			
P4380-22DL	E27G7DL	Water	2-Methylnaphthalene		12.000	JD 11	50	ug/L
P4380-22DL	E27G7DL	Water	Naphthalene		210.000	D 9.4	50	ug/L
			Total Svoc :		222.00			
			Total Concentration:		403.00			
Client ID : E27G8RX								
P4380-23RX	E27G8RX	Water	9-Octadecenamide, (Z)-	*	5.600	J		
P4380-23RX	E27G8RX	Water	Apocynin	*	2.700	J		
P4380-23RX	E27G8RX	Water	Benzaldehyde, 4-hydroxy-3,5-dim	*	2.900	J		
P4380-23RX	E27G8RX	Water	Benzeneacetic acid	*	17.000	J		
P4380-23RX	E27G8RX	Water	Butanoic acid, 2-methyl-	*	5.600	J		
P4380-23RX	E27G8RX	Water	Dehydroabietic acid	*	3.000	J		
P4380-23RX	E27G8RX	Water	Ethanol, 2-(2-butoxyethoxy)-	*	7.500	J		
P4380-23RX	E27G8RX	Water	Ethanone, 1-(4-hydroxy-3,5-dime	*	6.200	J		
P4380-23RX	E27G8RX	Water	Hydrocinnamic acid	*	8.300	J		
P4380-23RX	E27G8RX	Water	Indole	*	7.000	J		
P4380-23RX	E27G8RX	Water	Vanillin	*	3.400	J		

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SDG No.: BP102124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P4380-23RX	E27G8RX	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :						69.20		
P4380-23RX	E27G8RX	Water	Naphthalene		2.100	J 0.94	5	ug/L
P4380-23RX	E27G8RX	Water	Phenol		16.000	1.6	10	ug/L
Total Svoc :						18.10		
Total Concentration:						87.30		
Client ID : A4F70								
P4414-03	A4F70	Solid	(DEL) Alkane: Straight-Chain21.1	*	190.000	J		
P4414-03	A4F70	Solid	Benzophenone	*	370.000	J		
P4414-03	A4F70	Solid	Lupeol	*	260.000	J		
P4414-03	A4F70	Solid	n-Hexadecanoic acid	*	220.000	J		
P4414-03	A4F70	Solid	Total Alkanes	*	190.000	34	240	ug/Kg
Total Tics :						1,230.00		
P4414-03	A4F70	Solid	Benzo(a)anthracene		95.000	J 38	240	ug/Kg
P4414-03	A4F70	Solid	Benzo(a)pyrene		89.000	J 45	240	ug/Kg
P4414-03	A4F70	Solid	Benzo(b)fluoranthene		120.000	J 46	240	ug/Kg
P4414-03	A4F70	Solid	Benzo(g,h,i)perylene		61.000	J 36	240	ug/Kg
P4414-03	A4F70	Solid	Chrysene		110.000	J 43	240	ug/Kg
P4414-03	A4F70	Solid	Fluoranthene		210.000	J 76	240	ug/Kg
P4414-03	A4F70	Solid	Indeno(1,2,3-cd)pyrene		48.000	J 43	240	ug/Kg
P4414-03	A4F70	Solid	Phenanthrene		150.000	J 41	240	ug/Kg
P4414-03	A4F70	Solid	Pyrene		190.000	J 69	240	ug/Kg
Total Svoc :						1,073.00		
Total Concentration:						2,303.00		
Client ID : A4F71								
P4414-04	A4F71	Solid	(DEL) Alkane: Straight-Chain21.1	*	220.000	J		
P4414-04	A4F71	Solid	Benzophenone	*	690.000	J		
P4414-04	A4F71	Solid	n-Hexadecanoic acid	*	340.000	J		
P4414-04	A4F71	Solid	Total Alkanes	*	220.000	70	490	ug/Kg
Total Tics :						1,470.00		
Total Concentration:						1,470.00		
Client ID : A4F95								
P4414-07	A4F95	Solid	Benzophenone	*	340.000	J		
P4414-07	A4F95	Solid	n-Hexadecanoic acid	*	260.000	J		
P4414-07	A4F95	Solid	Total Alkanes	*	0.000	35	240	ug/Kg
Total Tics :						600.00		
P4414-07	A4F95	Solid	Benzo(a)anthracene		100.000	J 39	240	ug/Kg
P4414-07	A4F95	Solid	Benzo(a)pyrene		110.000	J 46	240	ug/Kg
P4414-07	A4F95	Solid	Benzo(b)fluoranthene		150.000	J 48	240	ug/Kg

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SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P4414-07	A4F95	Solid	Benzo(g,h,i)perylene	77.000	J	37	240	ug/Kg	
P4414-07	A4F95	Solid	Bis(2-ethylhexyl)phthalate	160.000	J	140	240	ug/Kg	
P4414-07	A4F95	Solid	Chrysene	130.000	J	45	240	ug/Kg	
P4414-07	A4F95	Solid	Fluoranthene	240.000		78	240	ug/Kg	
P4414-07	A4F95	Solid	Indeno(1,2,3-cd)pyrene	58.000	J	45	240	ug/Kg	
P4414-07	A4F95	Solid	Phenanthrene	140.000	J	42	240	ug/Kg	
P4414-07	A4F95	Solid	Pyrene	220.000	J	71	240	ug/Kg	
Total Svoc :				1,385.00					
Total Concentration:				1,985.00					
Client ID : A4F98									
P4414-08	A4F98	Solid	Benzophenone	*	330.000	J			
P4414-08	A4F98	Solid	Heptadecyl heptafluorobutyrate	*	110.000	J			
P4414-08	A4F98	Solid	n-Hexadecanoic acid	*	180.000	J			
P4414-08	A4F98	Solid	Total Alkanes	*	0.000	35	250	ug/Kg	
Total Tics :				620.00					
P4414-08	A4F98	Solid	Benzo(a)anthracene		74.000	J	40	250	ug/Kg
P4414-08	A4F98	Solid	Benzo(a)pyrene		61.000	J	47	250	ug/Kg
P4414-08	A4F98	Solid	Benzo(b)fluoranthene		110.000	J	49	250	ug/Kg
P4414-08	A4F98	Solid	Chrysene		99.000	J	46	250	ug/Kg
P4414-08	A4F98	Solid	Fluoranthene		290.000		79	250	ug/Kg
P4414-08	A4F98	Solid	Phenanthrene		200.000	J	43	250	ug/Kg
P4414-08	A4F98	Solid	Pyrene		200.000	J	72	250	ug/Kg
Total Svoc :				1,034.00					
Total Concentration:				1,654.00					
Client ID : A4FA0									
P4414-10	A4FA0	Solid	Benzophenone	*	320.000	J			
P4414-10	A4FA0	Solid	n-Hexadecanoic acid	*	200.000	J			
P4414-10	A4FA0	Solid	Total Alkanes	*	0.000	38	270	ug/Kg	
Total Tics :				520.00					
P4414-10	A4FA0	Solid	Benzo(a)anthracene		120.000	J	43	270	ug/Kg
P4414-10	A4FA0	Solid	Benzo(a)pyrene		110.000	J	51	270	ug/Kg
P4414-10	A4FA0	Solid	Benzo(b)fluoranthene		140.000	J	52	270	ug/Kg
P4414-10	A4FA0	Solid	Benzo(g,h,i)perylene		62.000	J	41	270	ug/Kg
P4414-10	A4FA0	Solid	Chrysene		130.000	J	49	270	ug/Kg
P4414-10	A4FA0	Solid	Fluoranthene		320.000		85	270	ug/Kg
P4414-10	A4FA0	Solid	Indeno(1,2,3-cd)pyrene		54.000	J	49	270	ug/Kg
P4414-10	A4FA0	Solid	Naphthalene		100.000	J	39	270	ug/Kg
P4414-10	A4FA0	Solid	Phenanthrene		270.000		46	270	ug/Kg
P4414-10	A4FA0	Solid	Pyrene		270.000		77	270	ug/Kg
Total Svoc :				1,576.00					

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SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2,096.00				
Client ID : A4FA2								
P4414-11	A4FA2	Solid	(DEL) Alkane: Straight-Chain21.7 *	110.000	J			
P4414-11	A4FA2	Solid	(DEL) Alkane: Straight-Chain22.3 *	120.000	J			
P4414-11	A4FA2	Solid	(DEL) Alkane: Straight-Chain23.8 *	190.000	J			
P4414-11	A4FA2	Solid	Benzophenone *	640.000	J			
P4414-11	A4FA2	Solid	n-Hexadecanoic acid *	250.000	J			
P4414-11	A4FA2	Solid	Sulfurous acid, octadecyl 2-propyl *	270.000	J			
P4414-11	A4FA2	Solid	Total Alkanes *	420.000		36	260	ug/Kg
Total Tics :				2,000.00				
P4414-11	A4FA2	Solid	Anthracene	65.000	J	38	260	ug/Kg
P4414-11	A4FA2	Solid	Benzo(a)anthracene	160.000	J	41	260	ug/Kg
P4414-11	A4FA2	Solid	Benzo(a)pyrene	130.000	J	48	260	ug/Kg
P4414-11	A4FA2	Solid	Benzo(b)fluoranthene	170.000	J	50	260	ug/Kg
P4414-11	A4FA2	Solid	Benzo(g,h,i)perylene	81.000	J	39	260	ug/Kg
P4414-11	A4FA2	Solid	Benzo(k)fluoranthene	68.000	J	57	260	ug/Kg
P4414-11	A4FA2	Solid	Bis(2-ethylhexyl)phthalate	180.000	J	140	260	ug/Kg
P4414-11	A4FA2	Solid	Chrysene	160.000	J	47	260	ug/Kg
P4414-11	A4FA2	Solid	Fluoranthene	490.000		81	260	ug/Kg
P4414-11	A4FA2	Solid	Indeno(1,2,3-cd)pyrene	69.000	J	47	260	ug/Kg
P4414-11	A4FA2	Solid	Phenanthrene	360.000		44	260	ug/Kg
P4414-11	A4FA2	Solid	Pyrene	360.000		74	260	ug/Kg
Total Svoc :				2,293.00				
Total Concentration:				4,293.00				
Client ID : A4F64								
P4414-18	A4F64	Solid	(DEL) Alkane: Straight-Chain21.1 *	200.000	J			
P4414-18	A4F64	Solid	(DEL) Alkane: Straight-Chain23.9 *	230.000	J			
P4414-18	A4F64	Solid	Benzophenone *	560.000	J			
P4414-18	A4F64	Solid	Dibenz(a,e)aceanthrylene *	510.000	J			
P4414-18	A4F64	Solid	n-Hexadecanoic acid *	270.000	J			
P4414-18	A4F64	Solid	Total Alkanes *	430.000		69	490	ug/Kg
Total Tics :				2,200.00				
P4414-18	A4F64	Solid	Benzo(a)anthracene	140.000	J	77	490	ug/Kg
P4414-18	A4F64	Solid	Benzo(a)pyrene	140.000	J	92	490	ug/Kg
P4414-18	A4F64	Solid	Benzo(b)fluoranthene	240.000	J	95	490	ug/Kg
P4414-18	A4F64	Solid	Benzo(g,h,i)perylene	120.000	J	74	490	ug/Kg
P4414-18	A4F64	Solid	Chrysene	180.000	J	89	490	ug/Kg
P4414-18	A4F64	Solid	Fluoranthene	400.000	J	150	490	ug/Kg
P4414-18	A4F64	Solid	Indeno(1,2,3-cd)pyrene	98.000	J	89	490	ug/Kg

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SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4414-18	A4F64	Solid	Phenanthrene	140.000	J	83	490	ug/Kg
P4414-18	A4F64	Solid	Pyrene	300.000	J	140	490	ug/Kg
Total Svoc :				1,758.00				
Total Concentration:				3,958.00				
Client ID : A4F83								
P4414-22	A4F83	Solid	1,2-Benzenedicarboxylic acid, bis *	430.000	J			
P4414-22	A4F83	Solid	Benzophenone *	760.000	J			
P4414-22	A4F83	Solid	Heptacosyl acetate *	180.000	J			
P4414-22	A4F83	Solid	n-Hexadecanoic acid *	310.000	J			
P4414-22	A4F83	Solid	Total Alkanes *	0.000		34	240	ug/Kg
Total Tics :				1,680.00				
P4414-22	A4F83	Solid	Benzo(a)anthracene	110.000	J	38	240	ug/Kg
P4414-22	A4F83	Solid	Benzo(a)pyrene	110.000	J	45	240	ug/Kg
P4414-22	A4F83	Solid	Benzo(b)fluoranthene	150.000	J	47	240	ug/Kg
P4414-22	A4F83	Solid	Benzo(g,h,i)perylene	78.000	J	37	240	ug/Kg
P4414-22	A4F83	Solid	Benzo(k)fluoranthene	60.000	J	54	240	ug/Kg
P4414-22	A4F83	Solid	Chrysene	130.000	J	44	240	ug/Kg
P4414-22	A4F83	Solid	Fluoranthene	320.000		76	240	ug/Kg
P4414-22	A4F83	Solid	Indeno(1,2,3-cd)pyrene	64.000	J	44	240	ug/Kg
P4414-22	A4F83	Solid	Phenanthrene	140.000	J	41	240	ug/Kg
P4414-22	A4F83	Solid	Pyrene	250.000		69	240	ug/Kg
Total Svoc :				1,412.00				
Total Concentration:				3,092.00				
Client ID : A4F86								
P4414-23	A4F86	Solid	(DEL) Alkane: Straight-Chain21.1 *	230.000	J			
P4414-23	A4F86	Solid	Benzophenone *	700.000	J			
P4414-23	A4F86	Solid	n-Hexadecanoic acid *	550.000	J			
P4414-23	A4F86	Solid	Total Alkanes *	230.000		73	520	ug/Kg
Total Tics :				1,710.00				
P4414-23	A4F86	Solid	Benzo(a)anthracene	190.000	J	83	520	ug/Kg
P4414-23	A4F86	Solid	Benzo(a)pyrene	170.000	J	98	520	ug/Kg
P4414-23	A4F86	Solid	Benzo(b)fluoranthene	270.000	J	100	520	ug/Kg
P4414-23	A4F86	Solid	Benzo(g,h,i)perylene	120.000	J	80	520	ug/Kg
P4414-23	A4F86	Solid	Chrysene	230.000	J	95	520	ug/Kg
P4414-23	A4F86	Solid	Fluoranthene	570.000		170	520	ug/Kg
P4414-23	A4F86	Solid	Phenanthrene	270.000	J	89	520	ug/Kg
P4414-23	A4F86	Solid	Pyrene	430.000	J	150	520	ug/Kg
Total Svoc :				2,250.00				
Total Concentration:				3,960.00				

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SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4F87								
P4414-24	A4F87	Solid	Benzophenone	*	290.000	J		
P4414-24	A4F87	Solid	n-Hexadecanoic acid	*	140.000	J		
P4414-24	A4F87	Solid	Total Alkanes	*	0.000	34	240	ug/Kg
Total Tics :				430.00				
P4414-24	A4F87	Solid	Acetophenone		170.000	J 57	470	ug/Kg
P4414-24	A4F87	Solid	Benzo(a)anthracene		130.000	J 39	240	ug/Kg
P4414-24	A4F87	Solid	Benzo(a)pyrene		68.000	J 46	240	ug/Kg
P4414-24	A4F87	Solid	Benzo(b)fluoranthene		160.000	J 47	240	ug/Kg
P4414-24	A4F87	Solid	Chrysene		140.000	J 44	240	ug/Kg
P4414-24	A4F87	Solid	Fluoranthene		320.000	77	240	ug/Kg
P4414-24	A4F87	Solid	Phenanthrene		180.000	J 41	240	ug/Kg
P4414-24	A4F87	Solid	Pyrene		250.000	70	240	ug/Kg
Total Svoc :				1,418.00				
Total Concentration:				1,848.00				
Client ID : A4F89								
P4429-03	A4F89	Solid	(DEL) Alkane: Straight-Chain23.5	*	200.000	J		
P4429-03	A4F89	Solid	11H-Benzo[b]fluorene	*	98.000	J		
P4429-03	A4F89	Solid	4H-Cyclopenta[def]phenanthrene	*	150.000	J		
P4429-03	A4F89	Solid	Anthracene, 1-methyl-	*	100.000	J		
P4429-03	A4F89	Solid	Benzophenone	*	150.000	J		
P4429-03	A4F89	Solid	Tridecanoic acid	*	160.000	J		
P4429-03	A4F89	Solid	Total Alkanes	*	200.000	33	230	ug/Kg
Total Tics :				1,058.00				
P4429-03	A4F89	Solid	Acetophenone		230.000	J 55	450	ug/Kg
P4429-03	A4F89	Solid	Anthracene		91.000	J 34	230	ug/Kg
P4429-03	A4F89	Solid	Benzo(a)anthracene		490.000	37	230	ug/Kg
P4429-03	A4F89	Solid	Benzo(a)pyrene		240.000	44	230	ug/Kg
P4429-03	A4F89	Solid	Benzo(b)fluoranthene		610.000	45	230	ug/Kg
P4429-03	A4F89	Solid	Benzo(k)fluoranthene		180.000	J 52	230	ug/Kg
P4429-03	A4F89	Solid	Chrysene		510.000	43	230	ug/Kg
P4429-03	A4F89	Solid	Dibenzo(a,h)anthracene		77.000	J 38	230	ug/Kg
P4429-03	A4F89	Solid	Fluoranthene		900.000	74	230	ug/Kg
P4429-03	A4F89	Solid	Indeno(1,2,3-cd)pyrene		170.000	J 43	230	ug/Kg
P4429-03	A4F89	Solid	Phenanthrene		380.000	40	230	ug/Kg
P4429-03	A4F89	Solid	Phenol		63.000	J 59	450	ug/Kg
P4429-03	A4F89	Solid	Pyrene		600.000	67	230	ug/Kg
Total Svoc :				4,541.00				
Total Concentration:				5,599.00				

Client ID : A4F90

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SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4429-04	A4F90	Solid	Benzophenone	*	320.000	J		
P4429-04	A4F90	Solid	n-Hexadecanoic acid	*	260.000	J		
P4429-04	A4F90	Solid	Total Alkanes	*	0.000	49	350	ug/Kg
Total Tics :				580.00				
P4429-04	A4F90	Solid	Benzo(a)anthracene		87.000	J	55	350 ug/Kg
P4429-04	A4F90	Solid	Benzo(a)pyrene		77.000	J	65	350 ug/Kg
P4429-04	A4F90	Solid	Benzo(b)fluoranthene		100.000	J	67	350 ug/Kg
P4429-04	A4F90	Solid	Chrysene		94.000	J	63	350 ug/Kg
P4429-04	A4F90	Solid	Fluoranthene		210.000	J	110	350 ug/Kg
P4429-04	A4F90	Solid	Phenanthrene		110.000	J	59	350 ug/Kg
P4429-04	A4F90	Solid	Pyrene		180.000	J	100	350 ug/Kg
Total Svoc :				858.00				
Total Concentration:				1,438.00				
Client ID : A4F94								
P4429-06	A4F94	Solid	Benzo[e]pyrene	*	310.000	J		
P4429-06	A4F94	Solid	Benzophenone	*	200.000	J		
P4429-06	A4F94	Solid	n-Hexadecanoic acid	*	200.000	J		
P4429-06	A4F94	Solid	Total Alkanes	*	0.000	37	260	ug/Kg
Total Tics :				710.00				
P4429-06	A4F94	Solid	Benzo(a)anthracene		400.000		42	260 ug/Kg
P4429-06	A4F94	Solid	Benzo(a)pyrene		550.000		50	260 ug/Kg
P4429-06	A4F94	Solid	Benzo(b)fluoranthene		410.000		51	260 ug/Kg
P4429-06	A4F94	Solid	Benzo(g,h,i)perylene		340.000		40	260 ug/Kg
P4429-06	A4F94	Solid	Benzo(k)fluoranthene		140.000	J	59	260 ug/Kg
P4429-06	A4F94	Solid	Chrysene		400.000		48	260 ug/Kg
P4429-06	A4F94	Solid	Di-n-octyl phthalate		240.000	J	120	510 ug/Kg
P4429-06	A4F94	Solid	Dibenzo(a,h)anthracene		60.000	J	44	260 ug/Kg
P4429-06	A4F94	Solid	Fluoranthene		380.000		84	260 ug/Kg
P4429-06	A4F94	Solid	Indeno(1,2,3-cd)pyrene		190.000	J	48	260 ug/Kg
P4429-06	A4F94	Solid	Phenanthrene		110.000	J	45	260 ug/Kg
P4429-06	A4F94	Solid	Pyrene		470.000		76	260 ug/Kg
Total Svoc :				3,690.00				
Total Concentration:				4,400.00				
Client ID : A4FA5								
P4429-07	A4FA5	Solid	Benzophenone	*	180.000	J		
P4429-07	A4FA5	Solid	n-Hexadecanoic acid	*	140.000	J		
P4429-07	A4FA5	Solid	Total Alkanes	*	0.000	43	300	ug/Kg
Total Tics :				320.00				
P4429-07	A4FA5	Solid	Acetophenone		190.000	J	72	590 ug/Kg
P4429-07	A4FA5	Solid	Benzo(a)anthracene		150.000	J	48	300 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4429-07	A4FA5	Solid	Benzo(a)pyrene	68.000	J	57	300	ug/Kg
P4429-07	A4FA5	Solid	Benzo(b)fluoranthene	180.000	J	59	300	ug/Kg
P4429-07	A4FA5	Solid	Chrysene	150.000	J	55	300	ug/Kg
P4429-07	A4FA5	Solid	Fluoranthene	390.000		97	300	ug/Kg
P4429-07	A4FA5	Solid	Phenanthrene	220.000	J	52	300	ug/Kg
P4429-07	A4FA5	Solid	Pyrene	240.000	J	88	300	ug/Kg
Total Svoc :				1,588.00				
Total Concentration:				1,908.00				

Client ID : A4FA6

P4429-08	A4FA6	Solid	(DEL) Alkane: Straight-Chain23.9 *	420.000	J			
P4429-08	A4FA6	Solid	10,18-Bisnorabieta-5,7,9(10),11,1 *	190.000	J			
P4429-08	A4FA6	Solid	4H-Cyclopenta[def]phenanthrene *	160.000	J			
P4429-08	A4FA6	Solid	Benzophenone *	310.000	J			
P4429-08	A4FA6	Solid	n-Hexadecanoic acid *	480.000	J			
P4429-08	A4FA6	Solid	Octadecanoic acid *	140.000	J			
P4429-08	A4FA6	Solid	Total Alkanes *	420.000		34	240	ug/Kg
Total Tics :				2,120.00				
P4429-08	A4FA6	Solid	Acetophenone	250.000	J	57	470	ug/Kg
P4429-08	A4FA6	Solid	Anthracene	130.000	J	36	240	ug/Kg
P4429-08	A4FA6	Solid	Benzo(a)anthracene	360.000		38	240	ug/Kg
P4429-08	A4FA6	Solid	Benzo(a)pyrene	180.000	J	46	240	ug/Kg
P4429-08	A4FA6	Solid	Benzo(b)fluoranthene	480.000		47	240	ug/Kg
P4429-08	A4FA6	Solid	Benzo(k)fluoranthene	190.000	J	54	240	ug/Kg
P4429-08	A4FA6	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	140	240	ug/Kg
P4429-08	A4FA6	Solid	Carbazole	55.000	J	40	470	ug/Kg
P4429-08	A4FA6	Solid	Chrysene	410.000		44	240	ug/Kg
P4429-08	A4FA6	Solid	Dibenzo(a,h)anthracene	65.000	J	40	240	ug/Kg
P4429-08	A4FA6	Solid	Fluoranthene	910.000		77	240	ug/Kg
P4429-08	A4FA6	Solid	Fluorene	50.000	J	36	240	ug/Kg
P4429-08	A4FA6	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	44	240	ug/Kg
P4429-08	A4FA6	Solid	Phenanthrene	540.000		41	240	ug/Kg
P4429-08	A4FA6	Solid	Phenol	74.000	J	61	470	ug/Kg
P4429-08	A4FA6	Solid	Pyrene	550.000		70	240	ug/Kg
Total Svoc :				4,534.00				
Total Concentration:				6,654.00				

Client ID : A4FB0

P4429-09	A4FB0	Solid	(DEL) Alkane: Straight-Chain21.1 *	210.000	J			
P4429-09	A4FB0	Solid	(DEL) Alkane: Straight-Chain23.8 *	270.000	J			
P4429-09	A4FB0	Solid	Benzophenone *	470.000	J			

Hit Summary Sheet
SW-846

SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4429-09	A4FB0	Solid	n-Hexadecanoic acid	*	260.000	J		
P4429-09	A4FB0	Solid	Total Alkanes	*	480.000	41	290	ug/Kg
Total Tics :				1,690.00				
P4429-09	A4FB0	Solid	Benzo(a)anthracene	150.000	J	46	290	ug/Kg
P4429-09	A4FB0	Solid	Benzo(a)pyrene	150.000	J	54	290	ug/Kg
P4429-09	A4FB0	Solid	Benzo(b)fluoranthene	210.000	J	56	290	ug/Kg
P4429-09	A4FB0	Solid	Benzo(g,h,i)perylene	110.000	J	44	290	ug/Kg
P4429-09	A4FB0	Solid	Benzo(k)fluoranthene	81.000	J	65	290	ug/Kg
P4429-09	A4FB0	Solid	Chrysene	180.000	J	53	290	ug/Kg
P4429-09	A4FB0	Solid	Fluoranthene	460.000		92	290	ug/Kg
P4429-09	A4FB0	Solid	Indeno(1,2,3-cd)pyrene	90.000	J	53	290	ug/Kg
P4429-09	A4FB0	Solid	Phenanthrene	230.000	J	49	290	ug/Kg
P4429-09	A4FB0	Solid	Pyrene	340.000		83	290	ug/Kg
Total Svoc :				2,001.00				
Total Concentration:				3,691.00				

Client ID : A4FB3

P4429-10	A4FB3	Solid	11H-Benzo[b]fluorene	*	230.000	J		
P4429-10	A4FB3	Solid	2-Methyldibenzothiophene	*	140.000	J		
P4429-10	A4FB3	Solid	5,16[1,2]:8,13[1,2]-Dibenzen	*	570.000	J		
P4429-10	A4FB3	Solid	9,10-Anthracenedione	*	560.000	J		
P4429-10	A4FB3	Solid	9H-Fluoren-3-ol	*	180.000	J		
P4429-10	A4FB3	Solid	9H-Fluoren-9-one	*	160.000	J		
P4429-10	A4FB3	Solid	9H-Fluorene, 2-methyl-	*	260.000	J		
P4429-10	A4FB3	Solid	Acridine	*	170.000	J		
P4429-10	A4FB3	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	210.000	J		
P4429-10	A4FB3	Solid	Anthracene, 1-methyl-	*	290.000	J		
P4429-10	A4FB3	Solid	Benz[a]anthracene, 2-methyl-	*	120.000	J		
P4429-10	A4FB3	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	120.000	J		
P4429-10	A4FB3	Solid	Benzo[e]pyrene	*	370.000	J		
P4429-10	A4FB3	Solid	Benzo[j]fluoranthene	*	350.000	J		
P4429-10	A4FB3	Solid	Benzophenone	*	340.000	J		
P4429-10	A4FB3	Solid	Dibenzo[a,e]cyclooctene	*	150.000	J		
P4429-10	A4FB3	Solid	Dibenzothiophene	*	360.000	J		
P4429-10	A4FB3	Solid	Diphenylmethane	*	180.000	J		
P4429-10	A4FB3	Solid	Fluoranthene, 2-methyl-	*	160.000	J		
P4429-10	A4FB3	Solid	Phenanthrene, 1-methyl-	*	1,100.000	J		
P4429-10	A4FB3	Solid	Phenanthrene, 2,5-dimethyl-	*	470.000	J		
P4429-10	A4FB3	Solid	Phenanthrene, 2-methyl-	*	760.000	J		
P4429-10	A4FB3	Solid	Phenanthrene, 3,6-dimethyl-	*	140.000	J		
P4429-10	A4FB3	Solid	Phenanthrene, 4,5-dimethyl-	*	180.000	J		

Hit Summary Sheet SW-846

SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4429-10	A4FB3	Solid	Phenanthrene, 4-methyl-	*	390.000	J		
P4429-10	A4FB3	Solid	Pyrene, 1-methyl-	*	280.000	J		
P4429-10	A4FB3	Solid	Pyrene, 2-methyl-	*	170.000	J		
P4429-10	A4FB3	Solid	Total Alkanes	*	0.000	40	290	ug/Kg
Total Tics :				8,410.00				
P4429-10	A4FB3	Solid	1,1-Biphenyl		57.000	J	40	290 ug/Kg
P4429-10	A4FB3	Solid	1-Methylnaphthalene		140.000	J	56	290 ug/Kg
P4429-10	A4FB3	Solid	2-Methylnaphthalene		190.000	J	39	290 ug/Kg
P4429-10	A4FB3	Solid	Acenaphthene		960.000		49	290 ug/Kg
P4429-10	A4FB3	Solid	Acetophenone		320.000	J	67	560 ug/Kg
P4429-10	A4FB3	Solid	Anthracene		1,200.000		42	290 ug/Kg
P4429-10	A4FB3	Solid	Benzo(a)anthracene		2,400.000		45	290 ug/Kg
P4429-10	A4FB3	Solid	Benzo(a)pyrene		990.000		54	290 ug/Kg
P4429-10	A4FB3	Solid	Benzo(b)fluoranthene		2,400.000		56	290 ug/Kg
P4429-10	A4FB3	Solid	Benzo(g,h,i)perylene		88.000	J	44	290 ug/Kg
P4429-10	A4FB3	Solid	Benzo(k)fluoranthene		790.000		64	290 ug/Kg
P4429-10	A4FB3	Solid	Carbazole		580.000		47	560 ug/Kg
P4429-10	A4FB3	Solid	Chrysene		2,500.000		52	290 ug/Kg
P4429-10	A4FB3	Solid	Dibenzo(a,h)anthracene		280.000	J	47	290 ug/Kg
P4429-10	A4FB3	Solid	Dibenzofuran		480.000		54	290 ug/Kg
P4429-10	A4FB3	Solid	Fluoranthene		6,800.000	E	91	290 ug/Kg
P4429-10	A4FB3	Solid	Fluorene		870.000		42	290 ug/Kg
P4429-10	A4FB3	Solid	Indeno(1,2,3-cd)pyrene		580.000		52	290 ug/Kg
P4429-10	A4FB3	Solid	Naphthalene		310.000		42	290 ug/Kg
P4429-10	A4FB3	Solid	Phenanthrene		6,400.000	E	49	290 ug/Kg
P4429-10	A4FB3	Solid	Phenol		84.000	J	72	560 ug/Kg
P4429-10	A4FB3	Solid	Pyrene		4,300.000		82	290 ug/Kg
Total Svoc :				32,719.00				
Total Concentration:				41,129.00				
Client ID : A4F62								
P4429-19	A4F62	Solid	Benzophenone	*	540.000	J		
P4429-19	A4F62	Solid	n-Hexadecanoic acid	*	210.000	J		
P4429-19	A4F62	Solid	Total Alkanes	*	0.000	32	230	ug/Kg
Total Tics :				750.00				
P4429-19	A4F62	Solid	Benzo(a)anthracene		84.000	J	36	230 ug/Kg
P4429-19	A4F62	Solid	Benzo(a)pyrene		72.000	J	42	230 ug/Kg
P4429-19	A4F62	Solid	Benzo(b)fluoranthene		88.000	J	44	230 ug/Kg
P4429-19	A4F62	Solid	Benzo(g,h,i)perylene		45.000	J	34	230 ug/Kg
P4429-19	A4F62	Solid	Chrysene		89.000	J	41	230 ug/Kg
P4429-19	A4F62	Solid	Fluoranthene		180.000	J	72	230 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP102124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4429-19	A4F62	Solid	Phenanthrene	180.000	J	38	230	ug/Kg
P4429-19	A4F62	Solid	Pyrene	210.000	J	65	230	ug/Kg
Total Svoc :				948.00				
Total Concentration:				1,698.00				
Client ID : A4F66								
P4429-20	A4F66	Solid	(DEL) Alkane: Straight-Chain23.9 *	320.000	J			
P4429-20	A4F66	Solid	Benzophenone *	1,000.000	J			
P4429-20	A4F66	Solid	n-Hexadecanoic acid *	430.000	J			
P4429-20	A4F66	Solid	Total Alkanes *	320.000		46	330	ug/Kg
Total Tics :				2,070.00				
P4429-20	A4F66	Solid	Benzo(a)anthracene	120.000	J	52	330	ug/Kg
P4429-20	A4F66	Solid	Benzo(a)pyrene	120.000	J	61	330	ug/Kg
P4429-20	A4F66	Solid	Benzo(b)fluoranthene	170.000	J	63	330	ug/Kg
P4429-20	A4F66	Solid	Benzo(g,h,i)perylene	91.000	J	50	330	ug/Kg
P4429-20	A4F66	Solid	Chrysene	150.000	J	59	330	ug/Kg
P4429-20	A4F66	Solid	Fluoranthene	350.000		100	330	ug/Kg
P4429-20	A4F66	Solid	Indeno(1,2,3-cd)pyrene	73.000	J	59	330	ug/Kg
P4429-20	A4F66	Solid	Phenanthrene	170.000	J	55	330	ug/Kg
P4429-20	A4F66	Solid	Pyrene	270.000	J	94	330	ug/Kg
Total Svoc :				1,514.00				
Total Concentration:				3,584.00				
Client ID : A4F74								
P4429-22	A4F74	Solid	Benzophenone *	280.000	J			
P4429-22	A4F74	Solid	n-Hexadecanoic acid *	150.000	J			
P4429-22	A4F74	Solid	Total Alkanes *	0.000		34	240	ug/Kg
Total Tics :				430.00				
P4429-22	A4F74	Solid	Benzo(b)fluoranthene	58.000	J	47	240	ug/Kg
P4429-22	A4F74	Solid	Chrysene	49.000	J	44	240	ug/Kg
P4429-22	A4F74	Solid	Fluoranthene	130.000	J	77	240	ug/Kg
P4429-22	A4F74	Solid	Phenanthrene	56.000	J	42	240	ug/Kg
P4429-22	A4F74	Solid	Pyrene	100.000	J	70	240	ug/Kg
Total Svoc :				393.00				
Total Concentration:				823.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____

Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.554	0.573	0.557	0.571	0.511		0.553	4.6
Benzaldehyde		1.063	0.934	1.100	0.803	0.648	0.910	20.6
Pyridine		1.509	1.423	1.491	1.444	1.376	1.449	3.7
Hexachloroethane	0.552	0.620	0.554	0.575	0.576		0.575	4.8
Nitrobenzene	0.435	0.489	0.451	0.461	0.458		0.459	4.3
Isophorone	0.741	0.864	0.808	0.851	0.851		0.823	6.1
2-Nitrophenol	0.163	0.200	0.186	0.206	0.205		0.192	9.5
2,4-Dimethylphenol	0.376	0.447	0.402	0.422	0.439		0.417	6.9
Bis(2-Chloroethoxy)methane	0.426	0.500	0.460	0.473	0.477		0.467	5.9
2,4-Dichlorophenol	0.330	0.391	0.357	0.391	0.394		0.373	7.5
Naphthalene	1.002	1.150	1.035	1.076	1.062		1.065	5.2
4-Chloroaniline		0.454	0.413	0.455	0.461	0.424	0.441	4.9
Hexachlorobutadiene	0.312	0.350	0.301	0.310	0.297		0.314	6.6
Phenol		1.718	1.601	1.771	1.863	1.805	1.752	5.7
Caprolactam		0.113	0.108	0.128	0.127	0.124	0.120	7.5
4-Chloro-3-methylphenol	0.341	0.419	0.389	0.447	0.438		0.407	10.6
1-Methylnaphthalene	0.717	0.835	0.777	0.846	0.816		0.798	6.6
2-Methylnaphthalene	0.721	0.818	0.742	0.832	0.798		0.782	6.2
Hexachlorocyclopentadiene		0.469	0.444	0.446	0.438	0.455	0.451	2.7
2,4,6-Trichlorophenol	0.418	0.496	0.446	0.472	0.494		0.465	7.1
2,4,5-Trichlorophenol	0.441	0.509	0.477	0.513	0.537		0.495	7.5
1,1-Biphenyl	1.362	1.601	1.393	1.423	1.429		1.442	6.5
2-Chloronaphthalene	1.099	1.289	1.163	1.167	1.182		1.180	5.8
2-Nitroaniline	0.322	0.354	0.338	0.374	0.373		0.352	6.4
Bis(2-Chloroethyl)ether		1.301	1.281	1.331	1.357	1.285	1.311	2.5
Dimethylphthalate	1.477	1.717	1.563	1.575	1.584		1.583	5.4
2,6-Dinitrotoluene	0.238	0.304	0.295	0.321	0.340		0.299	12.9
Acenaphthylene	1.581	1.845	1.795	1.784	1.754		1.752	5.8
3-Nitroaniline		0.275	0.263	0.301	0.281	0.286	0.281	5.0
Acenaphthene	1.196	1.338	1.187	1.227	1.246		1.239	4.9
2,4-Dinitrophenol		0.183	0.187	0.225	0.239	0.268	0.220	16.3
4-Nitrophenol		0.291	0.283	0.305	0.306	0.295	0.296	3.2
Dibenzofuran	1.754	2.038	1.799	1.853	1.859		1.861	5.8
2,4-Dinitrotoluene	0.365	0.496	0.456	0.498	0.511		0.465	12.8
Diethylphthalate	1.395	1.607	1.506	1.545	1.542		1.519	5.1
2-Chlorophenol	1.143	1.264	1.197	1.270	1.302		1.235	5.2

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.: BP100724 SAS No.: BP100724 SDG No.: BP100724

Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____

Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D		RRFAL2 = BP022258.D		RRFAL3 = BP022259.D		
		RRFAL4 = BP022260.D		RRFAL5 = BP022261.D		RRFAL6 = BP022262.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.430	1.629	1.503	1.510	1.508		1.516	4.7
4-Chlorophenyl-phenylether	0.834	0.928	0.847	0.856	0.869		0.867	4.2
4-Nitroaniline		0.291	0.280	0.315	0.277	0.252	0.283	8.1
4,6-Dinitro-2-methylphenol		0.135	0.130	0.147	0.148	0.149	0.142	6.1
N-Nitrosodiphenylamine	0.504	0.584	0.518	0.535	0.537		0.536	5.7
1,2,4,5-Tetrachlorobenzene	0.708	0.818	0.706	0.729	0.737		0.740	6.2
4-Bromophenyl-phenylether	0.228	0.259	0.241	0.237	0.241		0.241	4.7
Hexachlorobenzene	0.291	0.322	0.287	0.286	0.298		0.297	5.0
Atrazine		0.256	0.201	0.233	0.238	0.184	0.223	13.1
Pentachlorophenol		0.181	0.170	0.192	0.205	0.206	0.191	8.1
2-Methylphenol		1.202	1.182	1.293	1.366	1.312	1.271	6.1
Phenanthrene	1.022	1.152	1.059	1.056	1.061		1.070	4.5
Pentachlorobenzene	0.340	0.375	0.313	0.327	0.329		0.337	7.0
Anthracene	0.990	1.135	1.068	1.071	1.075		1.068	4.8
1,2,3,4-Tetrachlorobenzene	0.300	0.339	0.282	0.299	0.303		0.305	6.8
Carbazole		1.008	0.931	0.959	0.933	0.893	0.945	4.5
Di-n-butylphthalate	0.957	1.097	1.050	1.060	1.063		1.045	5.0
Fluoranthene	1.076	1.286	1.162	1.260	1.295		1.216	7.8
Pyrene	1.196	1.405	1.223	1.341	1.351		1.303	6.9
Butylbenzylphthalate	0.410	0.470	0.439	0.472	0.477		0.454	6.3
3,3-Dichlorobenzidine		0.506	0.464	0.505	0.456	0.453	0.477	5.6
2,2-oxybis (1-Chloropropane)		1.619	1.505	1.550	1.538	1.406	1.524	5.1
Benzo (a) anthracene	1.324	1.501	1.373	1.421	1.392		1.402	4.7
Chrysene	1.241	1.405	1.246	1.305	1.304		1.300	5.1
Bis (2-ethylhexyl) phthalate	0.601	0.704	0.624	0.663	0.664		0.651	6.1
Di-n-octyl phthalate		0.973	0.893	0.937	0.984	0.970	0.951	3.9
Benzo (b) fluoranthene	1.122	1.335	1.231	1.279	1.327		1.259	6.9
Benzo (k) fluoranthene	1.113	1.308	1.206	1.249	1.287		1.233	6.2
Benzo (a) pyrene	1.041	1.213	1.141	1.179	1.219		1.159	6.3
Indeno (1,2,3-cd) pyrene	1.484	1.650	1.456	1.536	1.605		1.546	5.3
Dibenzo (a,h) anthracene	1.203	1.329	1.219	1.229	1.279		1.252	4.1
Benzo (g,h,i) perylene	1.130	1.258	1.176	1.198	1.252		1.203	4.5
Acetophenone		2.253	2.087	2.271	2.328	2.152	2.218	4.4
2,3,4,6-Tetrachlorophenol	0.413	0.471	0.449	0.486	0.493		0.462	7.1
1,4-Dioxane-d8	0.534	0.566	0.473	0.528	0.473		0.515	7.9
Pyridine-d5		1.448	1.357	1.468	1.415	1.377	1.413	3.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP100724 SAS No.: BP100724 SDG No.: BP100724
Instrument ID: _____ Calibration Date(s): 10/7/2024 : _____
Calibration Time(s): 16:41 _____

LAB FILE ID:		RRFAL1 = BP022257.D			RRFAL2 = BP022258.D		RRFAL3 = BP022259.D	
		RRFAL4 = BP022260.D			RRFAL5 = BP022261.D		RRFAL6 = BP022262.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.627	1.561	1.694	1.785	1.750	1.684	5.4
Bis-(2-Chloroethyl)ether-d8		1.033	0.973	0.992	1.004	0.945	0.989	3.3
2-Chlorophenol-d4	1.073	1.236	1.160	1.230	1.274		1.195	6.6
4-Methylphenol-d8		1.277	1.230	1.385	1.449	1.377	1.344	6.6
Nitrobenzene-d5	0.139	0.157	0.150	0.161	0.162		0.154	6.2
2-Nitrophenol-d4	0.152	0.178	0.175	0.190	0.195		0.178	9.5
2,4-Dichlorophenol-d3	0.328	0.397	0.368	0.397	0.402		0.378	8.3
4-Chloroaniline-d4		0.462	0.423	0.462	0.461	0.426	0.447	4.6
4-Methylphenol		1.381	1.291	1.453	1.506	1.420	1.410	5.7
Dimethylphthalate-d6	1.498	1.686	1.560	1.608	1.593		1.589	4.3
Acenaphthylene-d8	1.529	1.784	1.643	1.745	1.738		1.688	6.1
4-Nitrophenol-d4		0.250	0.250	0.276	0.283	0.274	0.267	5.7
Fluorene-d10	1.270	1.487	1.333	1.401	1.400		1.378	5.9
4,6-Dinitro-2-methylphenol-		0.121	0.123	0.134	0.138	0.142	0.132	7.1
Anthracene-d10	0.881	1.002	0.927	0.937	0.957		0.941	4.7
Pyrene-d10	0.951	1.118	1.008	1.101	1.109		1.058	7.0
Benzo(a)pyrene-d12	0.962	1.129	1.011	1.102	1.137		1.068	7.2
N-Nitroso-di-n-propylamine	0.989	1.157	1.086	1.184	1.203		1.124	7.8

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.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 13:24

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
	UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
	LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
	EPA SAMPLE NO.						
01	SBLK283	77323	7.66	284201	10.42	217620	14.28
02	A4F89	81943	7.66	312788	10.42	241549	14.28
03	E27G7DL	108522	7.66	402833	10.42	312829	14.28
04	EOAY0	91160	7.66	343345	10.42	277318	14.28
05	A4FA6	75509	7.66	283858	10.42	219062	14.28
06	A4F62	98338	7.66	390731	10.42	302439	14.28
07	A4F66	99079	7.66	393951	10.42	304583	14.27
08	A4F94	93907	7.66	359819	10.42	284066	14.28
09	A4F90	95407	7.66	370390	10.41	297892	14.28
10	A4FA5	98089	7.66	369307	10.42	281298	14.29
11	E27G8RX	114113	7.66	422189	10.42	338869	14.28
12	SBLK300	102173	7.66	381968	10.42	297351	14.28
13	SLCS300	85285	7.66	348257	10.42	293861	14.27
14	SLCS283	91004	7.66	366926	10.42	297916	14.28
15	SBLK219	98001	7.66	364980	10.42	276082	14.28
16	A4F70	98045	7.66	360727	10.42	272574	14.28
17	A4F95	114911	7.66	447006	10.42	342675	14.28
18	A4F83	97144	7.66	363331	10.42	275476	14.27
19	A4F86	100511	7.66	394506	10.42	304716	14.27
20	A4FA0	108596	7.66	419203	10.42	336543	14.27
21	A4FA2	106156	7.66	402625	10.42	320042	14.28
22	A4F98	118548	7.66	468274	10.42	365329	14.28
23	A4F71	115011	7.66	439501	10.42	340634	14.28

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 06:20

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	83605	7.705	315808	10.46	242644	14.32
UPPER LIMIT	167210	8.205	631616	10.963	485288	14.816
LOWER LIMIT	41802.5	7.205	157904	9.963	121322	13.816
EPA SAMPLE NO.						
24 A4FB0	94353	7.66	377892	10.42	295836	14.28
25 A4F74	111200	7.66	421444	10.42	325496	14.28
26 A4FB3	127663	7.66	487996	10.42	364511	14.28
27 A4F64	123113	7.66	466592	10.42	353052	14.28
28 A4F87	107378	7.66	404078	10.42	309276	14.27

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.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020667 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BP022502.D Time Analyzed: 13:24

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	94672	7.664	352784	10.42	272174	14.28
UPPER LIMIT	189344	8.164	705568	10.916	544348	14.775
LOWER LIMIT	47336	7.164	176392	9.916	136087	13.775
EPA SAMPLE NO.						
01 SBLK283	77323	7.66	284201	10.42	217620	14.28
02 A4F89	81943	7.66	312788	10.42	241549	14.28
03 E27G7DL	108522	7.66	402833	10.42	312829	14.28
04 EOAY0	91160	7.66	343345	10.42	277318	14.28
05 A4FA6	75509	7.66	283858	10.42	219062	14.28
06 A4F62	98338	7.66	390731	10.42	302439	14.28
07 A4F66	99079	7.66	393951	10.42	304583	14.27
08 A4F94	93907	7.66	359819	10.42	284066	14.28
09 A4F90	95407	7.66	370390	10.41	297892	14.28
10 A4FA5	98089	7.66	369307	10.42	281298	14.29
11 E27G8RX	114113	7.66	422189	10.42	338869	14.28
12 SBLK300	102173	7.66	381968	10.42	297351	14.28
13 SLCS300	85285	7.66	348257	10.42	293861	14.27
14 SLCS283	91004	7.66	366926	10.42	297916	14.28

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.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020668 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BP022517.D Time Analyzed: 00:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	105634	7.658	421083	10.42	337346	14.28
UPPER LIMIT	211268	8.158	842166	10.922	674692	14.775
LOWER LIMIT	52817	7.158	210541.5	9.922	168673	13.775
EPA SAMPLE NO.						
01 SBLK219	98001	7.66	364980	10.42	276082	14.28
02 A4F70	98045	7.66	360727	10.42	272574	14.28
03 A4F95	114911	7.66	447006	10.42	342675	14.28
04 A4F83	97144	7.66	363331	10.42	275476	14.27
05 A4F86	100511	7.66	394506	10.42	304716	14.27
06 A4FA0	108596	7.66	419203	10.42	336543	14.27
07 A4FA2	106156	7.66	402625	10.42	320042	14.28
08 A4F98	118548	7.66	468274	10.42	365329	14.28
09 A4F71	115011	7.66	439501	10.42	340634	14.28
10 A4FB0	94353	7.66	377892	10.42	295836	14.28
11 A4F74	111200	7.66	421444	10.42	325496	14.28
12 A4FB3	127663	7.66	487996	10.42	364511	14.28
13 A4F64	123113	7.66	466592	10.42	353052	14.28
14 A4F87	107378	7.66	404078	10.42	309276	14.27

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.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 13:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
	UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
	LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
	EPA SAMPLE NO.						
01	SBLK283	515745	17.08	588863	21.50	682543	24.76
02	A4F89	572751	17.08	697572	21.51	848398	24.77
03	E27G7DL	753525	17.07	780416	21.50	896881	24.76
04	EOAY0	670654	17.08	745263	21.50	905196	24.77
05	A4FA6	555228	17.08	629610	21.51	752176	24.77
06	A4F62	710696	17.08	722915	21.50	836772	24.76
07	A4F66	723077	17.07	683848	21.51	814767	24.76
08	A4F94	664738	17.09	662538	21.50	791091	24.78
09	A4F90	729423	17.07	731145	21.50	891522	24.76
10	A4FA5	677606	17.08	706183	21.51	842549	24.77
11	E27G8RX	769503	17.08	783006	21.50	905299	24.77
12	SBLK300	713969	17.08	803498	21.50	911432	24.77
13	SLCS300	725996	17.07	762005	21.50	881720	24.77
14	SLCS283	739749	17.08	753931	21.52	853306	24.77
15	SBLK219	660515	17.07	737110	21.52	856632	24.77
16	A4F70	667631	17.08	752554	21.50	916971	24.77
17	A4F95	783656	17.08	761798	21.50	903569	24.77
18	A4F83	673772	17.09	682269	21.52	799999	24.78
19	A4F86	745572	17.06	754721	21.51	877723	24.78
20	A4FA0	844849	17.06	842518	21.50	968486	24.78
21	A4FA2	780457	17.07	765994	21.50	915723	24.76

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020623 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BP022259.D Time Analyzed: 04:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	593138	17.11	695777	21.539	837782	24.821
UPPER LIMIT	1186276	17.61	1391554	22.039	1675564	25.321
LOWER LIMIT	296569	16.61	347888.5	21.039	418891	24.321
EPA SAMPLE NO.						
22 A4F98	868554	17.08	849229	21.50	968684	24.76
23 A4F71	814808	17.07	840818	21.51	945004	24.77
24 A4FB0	716895	17.07	747618	21.51	894102	24.77
25 A4F74	793148	17.07	772237	21.50	925517	24.76
26 A4FB3	867733	17.09	871372	21.50	1.0245e+0	24.77
27 A4F64	822286	17.09	863731	21.50	1.01479e+	24.77
28 A4F87	769025	17.06	755794	21.50	897137	24.76

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.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020667 Date Analyzed: Oct 21 2024 12:00AM

Lab File ID: BP022502.D Time Analyzed: 13:24

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	678460	17.075	790110	21.51	942277	24.763
	UPPER LIMIT	1356920	17.575	1580220	22.01	1884554	25.263
	LOWER LIMIT	339230	16.575	395055	21.01	471138.5	24.263
	EPA SAMPLE NO.						
01	SBLK283	515745	17.08	588863	21.50	682543	24.76
02	A4F89	572751	17.08	697572	21.51	848398	24.77
03	E27G7DL	753525	17.07	780416	21.50	896881	24.76
04	EOAY0	670654	17.08	745263	21.50	905196	24.77
05	A4FA6	555228	17.08	629610	21.51	752176	24.77
06	A4F62	710696	17.08	722915	21.50	836772	24.76
07	A4F66	723077	17.07	683848	21.51	814767	24.76
08	A4F94	664738	17.09	662538	21.50	791091	24.78
09	A4F90	729423	17.07	731145	21.50	891522	24.76
10	A4FA5	677606	17.08	706183	21.51	842549	24.77
11	E27G8RX	769503	17.08	783006	21.50	905299	24.77
12	SBLK300	713969	17.08	803498	21.50	911432	24.77
13	SLCS300	725996	17.07	762005	21.50	881720	24.77
14	SLCS283	739749	17.08	753931	21.52	853306	24.77

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.: BP102124 SAS No.: BP102124 SDG NO.: BP102124

EPA Sample No.: SSTD020668 Date Analyzed: Oct 22 2024 12:00AM

Lab File ID: BP022517.D Time Analyzed: 00:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	845547	17.075	857211	21.498	985574	24.774
UPPER LIMIT	1691094	17.575	1714422	21.998	1971148	25.274
LOWER LIMIT	422773.5	16.575	428605.5	20.998	492787	24.274
EPA SAMPLE NO.						
01 SBLK219	660515	17.07	737110	21.52	856632	24.77
02 A4F70	667631	17.08	752554	21.50	916971	24.77
03 A4F95	783656	17.08	761798	21.50	903569	24.77
04 A4F83	673772	17.09	682269	21.52	799999	24.78
05 A4F86	745572	17.06	754721	21.51	877723	24.78
06 A4FA0	844849	17.06	842518	21.50	968486	24.78
07 A4FA2	780457	17.07	765994	21.50	915723	24.76
08 A4F98	868554	17.08	849229	21.50	968684	24.76
09 A4F71	814808	17.07	840818	21.51	945004	24.77
10 A4FB0	716895	17.07	747618	21.51	894102	24.77
11 A4F74	793148	17.07	772237	21.50	925517	24.76
12 A4FB3	867733	17.09	871372	21.50	1.0245e+0	24.77
13 A4F64	822286	17.09	863731	21.50	1.01479e+	24.77
14 A4F87	769025	17.06	755794	21.50	897137	24.76

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.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164283BS	1,4-Dioxane	530	320	ug/Kg	60				0	0		
	Benzaldehyde	1300	280	ug/Kg	22				0	0		
	Pyridine	1300	870	ug/Kg	67				0	0		
	Phenol	1300	1000	ug/Kg	77				0	0		
	Bis(2-chloroethyl)ether	1300	960	ug/Kg	74				0	0		
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0		
	2-Methylphenol	1300	1000	ug/Kg	77				0	0		
	2,2-oxybis(1-Chloropropane)	1300	930	ug/Kg	72				0	0		
	Acetophenone	1300	960	ug/Kg	74				0	0		
	4-Methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitroso-di-n-propylamine	1300	1000	ug/Kg	77				0	0		
	Hexachloroethane	1300	950	ug/Kg	73				0	0		
	Nitrobenzene	1300	930	ug/Kg	72				0	0		
	Isophorone	1300	960	ug/Kg	74				0	0		
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0		
	2,4-Dimethylphenol	1300	990	ug/Kg	76				0	0		
	Bis(2-chloroethoxy)methane	1300	950	ug/Kg	73				0	0		
	2,4-Dichlorophenol	1300	1000	ug/Kg	77				0	0		
	Naphthalene	1300	960	ug/Kg	74				0	0		
	4-Chloroaniline	1300	580	ug/Kg	45				0	0		
	Hexachlorobutadiene	1300	960	ug/Kg	74				0	0		
	Caprolactam	1300	980	ug/Kg	75				0	0		
	4-Chloro-3-methylphenol	1300	1000	ug/Kg	77				0	0		
	1-Methylnaphthalene	1300	950	ug/Kg	73				0	0		
	2-Methylnaphthalene	1300	990	ug/Kg	76				0	0		
	Hexachlorocyclopentadiene	1300	620	ug/Kg	48				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	1,1'-Biphenyl	1300	950	ug/Kg	73				0	0		
	2-Chloronaphthalene	1300	960	ug/Kg	74				0	0		
	2-Nitroaniline	1300	970	ug/Kg	75				0	0		
	Dimethylphthalate	1300	960	ug/Kg	74				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	940	ug/Kg	72				0	0		
	3-Nitroaniline	1300	930	ug/Kg	72				0	0		
	Acenaphthene	1300	960	ug/Kg	74				0	0		
	2,4-Dinitrophenol	1300	920	ug/Kg	71				0	0		
	4-Nitrophenol	1300	950	ug/Kg	73				0	0		
	Dibenzofuran	1300	960	ug/Kg	74				0	0		
	2,4-Dinitrotoluene	1300	1000	ug/Kg	77				0	0		
	Diethylphthalate	1300	980	ug/Kg	75				0	0		
	Fluorene	1300	960	ug/Kg	74				0	0		
	4-Chlorophenyl-phenylether	1300	950	ug/Kg	73				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164283BS	4,6-Dinitro-2-methylphenol	1300	910	ug/Kg	70				0	0	
	N-Nitrosodiphenylamine	1300	950	ug/Kg	73				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	950	ug/Kg	73				0	0	
	4-Bromophenyl-phenylether	1300	970	ug/Kg	75				0	0	
	Hexachlorobenzene	1300	970	ug/Kg	75				0	0	
	Atrazine	1300	1000	ug/Kg	77				0	0	
	Pentachlorophenol	1300	950	ug/Kg	73				0	0	
	Phenanthrene	1300	950	ug/Kg	73				0	0	
	Pentachlorobenzene	1300	920	ug/Kg	71				0	0	
	Anthracene	1300	950	ug/Kg	73				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	930	ug/Kg	72				0	0	
	Carbazole	1300	930	ug/Kg	72				0	0	
	Di-n-butylphthalate	1300	990	ug/Kg	76				0	0	
	Fluoranthene	1300	1000	ug/Kg	77				0	0	
	Pyrene	1300	1000	ug/Kg	77				0	0	
	Butylbenzylphthalate	1300	1000	ug/Kg	77				0	0	
	3,3'-Dichlorobenzidine	1300	940	ug/Kg	72				0	0	
	Benzo(a)anthracene	1300	960	ug/Kg	74				0	0	
	Chrysene	1300	950	ug/Kg	73				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1000	ug/Kg	77				0	0	
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0	
	Benzo(b)fluoranthene	1300	990	ug/Kg	76				0	0	
	Benzo(k)fluoranthene	1300	980	ug/Kg	75				0	0	
	Benzo(a)pyrene	1300	960	ug/Kg	74				0	0	
	Indeno(1,2,3-cd)pyrene	1300	970	ug/Kg	75				0	0	
	Dibenzo(a,h)anthracene	1300	960	ug/Kg	74				0	0	
	Benzo(g,h,i)perylene	1300	960	ug/Kg	74				0	0	
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB164300BS	1,4-Dioxane	16	9.7	ug/L	61				0	0	
	Benzaldehyde	40	9.3	ug/L	23				0	0	
	Pyridine	40	27	ug/L	68				0	0	
	Phenol	40	31	ug/L	78				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0	
	2-Chlorophenol	40	31	ug/L	78				0	0	
	2-Methylphenol	40	31	ug/L	78				0	0	
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				0	0	
	Acetophenone	40	29	ug/L	73				0	0	
	4-Methylphenol	40	32	ug/L	80				0	0	
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0	
	Hexachloroethane	40	29	ug/L	73				0	0	
	Nitrobenzene	40	27	ug/L	68				0	0	
	Isophorone	40	29	ug/L	73				0	0	
	2-Nitrophenol	40	30	ug/L	75				0	0	
	2,4-Dimethylphenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0	
	2,4-Dichlorophenol	40	32	ug/L	80				0	0	
	Naphthalene	40	28	ug/L	70				0	0	
	4-Chloroaniline	40	16	ug/L	40				0	0	
	Hexachlorobutadiene	40	28	ug/L	70				0	0	
	Caprolactam	40	29	ug/L	73				0	0	
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0	
	1-Methylnaphthalene	40	29	ug/L	73				0	0	
	2-Methylnaphthalene	40	30	ug/L	75				0	0	
	Hexachlorocyclopentadiene	40	19	ug/L	48				0	0	
	2,4,6-Trichlorophenol	40	30	ug/L	75				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	27	ug/L	68				0	0	
	2-Chloronaphthalene	40	27	ug/L	68				0	0	
	2-Nitroaniline	40	28	ug/L	70				0	0	
	Dimethylphthalate	40	28	ug/L	70				0	0	
	2,6-Dinitrotoluene	40	31	ug/L	78				0	0	
	Acenaphthylene	40	28	ug/L	70				0	0	
	3-Nitroaniline	40	25	ug/L	63				0	0	
	Acenaphthene	40	28	ug/L	70				0	0	
	2,4-Dinitrophenol	40	28	ug/L	70				0	0	
	4-Nitrophenol	40	29	ug/L	73				0	0	
	Dibenzofuran	40	28	ug/L	70				0	0	
	2,4-Dinitrotoluene	40	30	ug/L	75				0	0	
	Diethylphthalate	40	29	ug/L	73				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	33	ug/L	83				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB164300BS	4,6-Dinitro-2-methylphenol	40	28	ug/L	70				0	0		
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0		
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0		
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0		
	Hexachlorobenzene	40	29	ug/L	73				0	0		
	Atrazine	40	31	ug/L	78				0	0		
	Pentachlorophenol	40	29	ug/L	73				0	0		
	Phenanthrene	40	28	ug/L	70				0	0		
	Pentachlorobenzene	40	27	ug/L	68				0	0		
	Anthracene	40	28	ug/L	70				0	0		
	1,2,3,4-Tetrachlorobenzene	40	27	ug/L	68				0	0		
	Carbazole	40	28	ug/L	70				0	0		
	Di-n-butylphthalate	40	29	ug/L	73				0	0		
	Fluoranthene	40	31	ug/L	78				0	0		
	Pyrene	40	30	ug/L	75				0	0		
	Butylbenzylphthalate	40	31	ug/L	78				0	0		
	3,3'-Dichlorobenzidine	40	29	ug/L	73				0	0		
	Benzo(a)anthracene	40	29	ug/L	73				0	0		
	Chrysene	40	29	ug/L	73				0	0		
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0		
	Di-n-octylphthalate	40	30	ug/L	75				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	28	ug/L	70				0	0		
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	28	ug/L	70				0	0		
	2,3,4,6-Tetrachlorophenol	40	30	ug/L	75				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EOAY0

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102124

SAS No.: BP102124 SDG NO.: BP102124

Lab File ID: BP022506.D

Lab Sample ID: P4346-20

Instrument ID: BNA_P

Date Extracted: 10/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 15:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EOAY0	P4346-20	BP022506.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK219

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102124

SAS No.: BP102124 SDG NO.: BP102124

Lab File ID: BP022518.D

Lab Sample ID: PB164219BL

Instrument ID: BNA_P

Date Extracted: 10/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/22/2024

Level: (low/med) LOW

Time Analyzed: 00:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F70	P4414-03	BP022519.D	10/22/2024
A4F95	P4414-07	BP022520.D	10/22/2024
A4F83	P4414-22	BP022521.D	10/22/2024
A4F86	P4414-23	BP022522.D	10/22/2024
A4FA0	P4414-10	BP022523.D	10/22/2024
A4FA2	P4414-11	BP022524.D	10/22/2024
A4F98	P4414-08	BP022525.D	10/22/2024
A4F71	P4414-04	BP022526.D	10/22/2024
A4F64	P4414-18	BP022530.D	10/22/2024
A4F87	P4414-24	BP022531.D	10/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK283

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102124

SAS No.: BP102124 SDG NO.: BP102124

Lab File ID: BP022503.D

Lab Sample ID: PB164283BL

Instrument ID: BNA_P

Date Extracted: 10/18/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 13:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4F89	P4429-03	BP022504.D	10/21/2024
PB164283BS	PB164283BS	BP022516.D	10/21/2024
A4FB0	P4429-09	BP022527.D	10/22/2024
A4F74	P4429-22	BP022528.D	10/22/2024
A4FB3	P4429-10	BP022529.D	10/22/2024
A4FA6	P4429-08	BP022507.D	10/21/2024
A4F62	P4429-19	BP022508.D	10/21/2024
A4F66	P4429-20	BP022509.D	10/21/2024
A4F94	P4429-06	BP022510.D	10/21/2024
A4F90	P4429-04	BP022511.D	10/21/2024
A4FA5	P4429-07	BP022512.D	10/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK300

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP102124

SAS No.: BP102124 SDG NO.: BP102124

Lab File ID: BP022514.D

Lab Sample ID: PB164300BL

Instrument ID: BNA_P

Date Extracted: 10/21/2024

Matrix: (soil/water) Water

Date Analyzed: 10/21/2024

Level: (low/med) LOW

Time Analyzed: 20:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB164300BS	PB164300BS	BP022515.D	10/21/2024
E27G8RX	P4380-23RX	BP022513.D	10/21/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4380-22DL	E27G7DL	BP022505.D	1,4-Dioxane-d8	8	4.67	58		15	120
			Pyridine-d5	40	6.16	15	*	20	120
			Phenol-d5	40	9.00	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.75	69		25	120
			2-Chlorophenol-d4	40	27.61	69		20	130
			4-Methylphenol-d8	40	19.16	48		25	125
			Nitrobenzene-d5	40	28.19	70		20	125
			2-Nitrophenol-d4	40	29.25	73		20	130
			2,4-Dichlorophenol-d3	40	29.14	73		20	120
			4-Chloroaniline-d4	40	16.72	42		1	146
			Dimethylphthalate-d6	40	31.70	79		25	130
			Acenaphthylene-d8	40	31.01	78		10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	33.24	83		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.77	54		10	130
			Anthracene-d10	40	32.52	81		25	130
			Pyrene-d10	40	35.57	89		15	130
			Benzo(a)pyrene-d12	40	32.05	80		20	130

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4346-20	EOAY0	BP022506.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	13.74	34		20	120
			Phenol-d5	40	15.07	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.11	40		10	150
			2-Chlorophenol-d4	40	16.70	42		15	120
			4-Methylphenol-d8	40	15.79	39		10	140
			Nitrobenzene-d5	40	16.22	41		10	135
			2-Nitrophenol-d4	40	17.48	44		10	120
			2,4-Dichlorophenol-d3	40	16.18	40		10	140
			4-Chloroaniline-d4	40	15.68	39		1	145
			Dimethylphthalate-d6	40	17.25	43		10	145
			Acenaphthylene-d8	40	16.84	42		15	120
			4-Nitrophenol-d4	40	9.59	24		10	150
			Fluorene-d10	40	17.45	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.54	26		10	130
			Anthracene-d10	40	17.64	44		10	150
			Pyrene-d10	40	17.71	44		10	130
			Benzo(a)pyrene-d12	40	17.84	45		10	140

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4414-03	A4F70	BP022519.D	1,4-Dioxane-d8	8	3.81	48		15	120
			Pyridine-d5	40	18.41	46		20	120
			Phenol-d5	40	21.02	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.42	54		10	150
			2-Chlorophenol-d4	40	22.28	56		15	120
			4-Methylphenol-d8	40	21.70	54		10	140
			Nitrobenzene-d5	40	23.64	59		10	135
			2-Nitrophenol-d4	40	24.31	61		10	120
			2,4-Dichlorophenol-d3	40	23.40	58		10	140
			4-Chloroaniline-d4	40	21.07	53		1	145
			Dimethylphthalate-d6	40	24.26	61		10	145
			Acenaphthylene-d8	40	24.43	61		15	120
			4-Nitrophenol-d4	40	18.73	47		10	150
			Fluorene-d10	40	25.08	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.86	45		10	130
			Anthracene-d10	40	24.87	62		10	150
			Pyrene-d10	40	25.04	63		10	130
			Benzo(a)pyrene-d12	40	25.03	63		10	140
P4414-04	A4F71	BP022526.D	1,4-Dioxane-d8	8	3.09	39		15	120
			Pyridine-d5	40	14.79	37		20	120
			Phenol-d5	40	19.50	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.05	48		10	150
			2-Chlorophenol-d4	40	20.18	50		15	120
			4-Methylphenol-d8	40	19.75	49		10	140
			Nitrobenzene-d5	40	20.57	51		10	135
			2-Nitrophenol-d4	40	22.14	55		10	120
			2,4-Dichlorophenol-d3	40	20.75	52		10	140
			4-Chloroaniline-d4	40	18.58	46		1	145
			Dimethylphthalate-d6	40	21.24	53		10	145
			Acenaphthylene-d8	40	21.43	54		15	120
			4-Nitrophenol-d4	40	16.24	41		10	150
			Fluorene-d10	40	22.08	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.93	32		10	130
			Anthracene-d10	40	22.50	56		10	150
			Pyrene-d10	40	24.23	61		10	130
			Benzo(a)pyrene-d12	40	22.49	56		10	140
P4414-07	A4F95	BP022520.D	1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	18.52	46		20	120
			Phenol-d5	40	23.33	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.02	60		10	150
			2-Chlorophenol-d4	40	25.65	64		15	120
			4-Methylphenol-d8	40	25.38	63		10	140
			Nitrobenzene-d5	40	26.08	65		10	135
			2-Nitrophenol-d4	40	27.40	69		10	120
			2,4-Dichlorophenol-d3	40	25.32	63		10	140
			4-Chloroaniline-d4	40	22.93	57		1	145
			Dimethylphthalate-d6	40	25.59	64		10	145
			Acenaphthylene-d8	40	26.29	66		15	120
			4-Nitrophenol-d4	40	19.26	48		10	150

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4414-07	A4F95	BP022520.D	Fluorene-d10	40	26.54	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.59	44		10	130
			Anthracene-d10	40	27.22	68		10	150
			Pyrene-d10	40	29.20	73		10	130
			Benzo(a)pyrene-d12	40	26.33	66		10	140
P4414-08	A4F98	BP022525.D	1,4-Dioxane-d8	8	3.23	40		15	120
			Pyridine-d5	40	15.91	40		20	120
			Phenol-d5	40	19.49	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.42	49		10	150
			2-Chlorophenol-d4	40	20.63	52		15	120
			4-Methylphenol-d8	40	21.07	53		10	140
			Nitrobenzene-d5	40	20.57	51		10	135
			2-Nitrophenol-d4	40	22.22	56		10	120
			2,4-Dichlorophenol-d3	40	21.20	53		10	140
			4-Chloroaniline-d4	40	20.32	51		1	145
			Dimethylphthalate-d6	40	21.96	55		10	145
			Acenaphthylene-d8	40	22.42	56		15	120
			4-Nitrophenol-d4	40	17.49	44		10	150
			Fluorene-d10	40	22.42	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.66	27		10	130
			Anthracene-d10	40	22.95	57		10	150
			Pyrene-d10	40	24.55	61		10	130
			Benzo(a)pyrene-d12	40	22.74	57		10	140
P4414-10	A4FA0	BP022523.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Pyridine-d5	40	14.75	37		20	120
			Phenol-d5	40	18.01	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.57	44		10	150
			2-Chlorophenol-d4	40	18.88	47		15	120
			4-Methylphenol-d8	40	19.21	48		10	140
			Nitrobenzene-d5	40	19.64	49		10	135
			2-Nitrophenol-d4	40	20.40	51		10	120
			2,4-Dichlorophenol-d3	40	19.60	49		10	140
			4-Chloroaniline-d4	40	19.06	48		1	145
			Dimethylphthalate-d6	40	20.81	52		10	145
			Acenaphthylene-d8	40	21.06	53		15	120
			4-Nitrophenol-d4	40	16.97	42		10	150
			Fluorene-d10	40	21.58	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.59	26		10	130
			Anthracene-d10	40	21.83	55		10	150
			Pyrene-d10	40	23.52	59		10	130
			Benzo(a)pyrene-d12	40	21.62	54		10	140
P4414-11	A4FA2	BP022524.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	15.91	40		20	120
			Phenol-d5	40	19.24	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.28	48		10	150
			2-Chlorophenol-d4	40	20.33	51		15	120
			4-Methylphenol-d8	40	20.33	51		10	140
			Nitrobenzene-d5	40	20.90	52		10	135
			2-Nitrophenol-d4	40	21.91	55		10	120

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4414-11	A4FA2	BP022524.D	2,4-Dichlorophenol-d3	40	20.98	52		10	140
			4-Chloroaniline-d4	40	19.40	49		1	145
			Dimethylphthalate-d6	40	21.89	55		10	145
			Acenaphthylene-d8	40	22.02	55		15	120
			4-Nitrophenol-d4	40	16.79	42		10	150
			Fluorene-d10	40	22.48	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.30	28		10	130
			Anthracene-d10	40	23.04	58		10	150
			Pyrene-d10	40	25.18	63		10	130
			Benzo(a)pyrene-d12	40	22.95	57		10	140
P4414-18	A4F64	BP022530.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	15.62	39		20	120
			Phenol-d5	40	19.16	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.16	48		10	150
			2-Chlorophenol-d4	40	21.00	52		15	120
			4-Methylphenol-d8	40	20.91	52		10	140
			Nitrobenzene-d5	40	21.23	53		10	135
			2-Nitrophenol-d4	40	21.45	54		10	120
			2,4-Dichlorophenol-d3	40	21.43	54		10	140
			4-Chloroaniline-d4	40	19.47	49		1	145
			Dimethylphthalate-d6	40	22.45	56		10	145
			Acenaphthylene-d8	40	22.17	55		15	120
			4-Nitrophenol-d4	40	16.66	42		10	150
			Fluorene-d10	40	22.92	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.47	29		10	130
			Anthracene-d10	40	23.82	60		10	150
			Pyrene-d10	40	24.47	61		10	130
			Benzo(a)pyrene-d12	40	23.53	59		10	140
P4414-22	A4F83	BP022521.D	1,4-Dioxane-d8	8	3.83	48		15	120
			Pyridine-d5	40	20.79	52		20	120
			Phenol-d5	40	25.00	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.00	60		10	150
			2-Chlorophenol-d4	40	26.06	65		15	120
			4-Methylphenol-d8	40	25.78	64		10	140
			Nitrobenzene-d5	40	26.27	66		10	135
			2-Nitrophenol-d4	40	27.59	69		10	120
			2,4-Dichlorophenol-d3	40	26.72	67		10	140
			4-Chloroaniline-d4	40	23.78	59		1	145
			Dimethylphthalate-d6	40	26.96	67		10	145
			Acenaphthylene-d8	40	26.65	67		15	120
			4-Nitrophenol-d4	40	19.86	50		10	150
			Fluorene-d10	40	26.64	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.28	38		10	130
			Anthracene-d10	40	27.43	69		10	150
			Pyrene-d10	40	29.32	73		10	130
			Benzo(a)pyrene-d12	40	26.57	66		10	140
P4414-23	A4F86	BP022522.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	19.30	48		20	120
			Phenol-d5	40	24.50	61		10	130

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4414-23	A4F86	BP022522.D	Bis(2-Chloroethyl)ether-d8	40	23.38	58		10	150
			2-Chlorophenol-d4	40	25.11	63		15	120
			4-Methylphenol-d8	40	25.97	65		10	140
			Nitrobenzene-d5	40	25.46	64		10	135
			2-Nitrophenol-d4	40	26.82	67		10	120
			2,4-Dichlorophenol-d3	40	25.58	64		10	140
			4-Chloroaniline-d4	40	23.43	59		1	145
			Dimethylphthalate-d6	40	26.07	65		10	145
			Acenaphthylene-d8	40	26.72	67		15	120
			4-Nitrophenol-d4	40	20.66	52		10	150
			Fluorene-d10	40	26.85	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.26	38		10	130
			Anthracene-d10	40	27.33	68		10	150
			Pyrene-d10	40	29.09	73		10	130
			Benzo(a)pyrene-d12	40	27.10	68		10	140
P4414-24	A4F87	BP022531.D	1,4-Dioxane-d8	8	1.68	21		15	120
			Pyridine-d5	40	1.35	3	*	20	120
			Phenol-d5	40	9.77	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.12	25		10	150
			2-Chlorophenol-d4	40	10.94	27		15	120
			4-Methylphenol-d8	40	8.95	22		10	140
			Nitrobenzene-d5	40	10.60	26		10	135
			2-Nitrophenol-d4	40	10.72	27		10	120
			2,4-Dichlorophenol-d3	40	10.20	25		10	140
			4-Chloroaniline-d4	40	6.34	16		1	145
			Dimethylphthalate-d6	40	11.21	28		10	145
			Acenaphthylene-d8	40	11.09	28		15	120
			4-Nitrophenol-d4	40	7.19	18		10	150
			Fluorene-d10	40	11.86	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	3.95	10		10	130
			Anthracene-d10	40	11.99	30		10	150
			Pyrene-d10	40	11.90	30		10	130
PB164219BL	PB164219BL	BP022518.D	Benzo(a)pyrene-d12	40	8.27	21		10	140
			1,4-Dioxane-d8	8	5.16	64		15	120
			Pyridine-d5	40	24.44	61		20	120
			Phenol-d5	40	25.04	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.65	64		10	150
			2-Chlorophenol-d4	40	27.18	68		15	120
			4-Methylphenol-d8	40	25.04	63		10	140
			Nitrobenzene-d5	40	27.66	69		10	135
			2-Nitrophenol-d4	40	28.27	71		10	120
			2,4-Dichlorophenol-d3	40	25.37	63		10	140
			4-Chloroaniline-d4	40	26.15	65		1	145
			Dimethylphthalate-d6	40	27.78	69		10	145
			Acenaphthylene-d8	40	27.22	68		15	120
			4-Nitrophenol-d4	40	21.77	54		10	150
			Fluorene-d10	40	26.76	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.14	55		10	130
			Anthracene-d10	40	28.38	71		10	150

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164219BL	PB164219BL	BP022518.D	Pyrene-d10	40	27.82	70		10	130
			Benzo(a)pyrene-d12	40	28.37	71		10	140

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4429-03	A4F89	BP022504.D	Pyridine-d5	40	1.94	5	*	20	120
			1,4-Dioxane-d8	8	2.04	25		15	120
			Phenol-d5	40	10.70	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.90	30		10	150
			2-Chlorophenol-d4	40	11.85	30		15	120
			4-Methylphenol-d8	40	11.48	29		10	140
			Nitrobenzene-d5	40	11.16	28		10	135
			2-Nitrophenol-d4	40	11.96	30		10	120
			2,4-Dichlorophenol-d3	40	11.75	29		10	140
			4-Chloroaniline-d4	40	5.87	15		1	145
			Dimethylphthalate-d6	40	12.25	31		10	145
			Acenaphthylene-d8	40	12.03	30		15	120
			4-Nitrophenol-d4	40	7.66	19		10	150
			Fluorene-d10	40	12.89	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.90	22		10	130
			Anthracene-d10	40	13.49	34		10	150
			Pyrene-d10	40	11.39	28		10	130
			Benzo(a)pyrene-d12	40	8.84	22		10	140
P4429-04	A4F90	BP022511.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	14.87	37		20	120
			Phenol-d5	40	17.43	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.76	44		10	150
			2-Chlorophenol-d4	40	18.81	47		15	120
			4-Methylphenol-d8	40	18.38	46		10	140
			Nitrobenzene-d5	40	18.53	46		10	135
			2-Nitrophenol-d4	40	19.16	48		10	120
			2,4-Dichlorophenol-d3	40	18.15	45		10	140
			4-Chloroaniline-d4	40	16.96	42		1	145
			Dimethylphthalate-d6	40	18.28	46		10	145
			Acenaphthylene-d8	40	18.78	47		15	120
			4-Nitrophenol-d4	40	12.82	32		10	150
			Fluorene-d10	40	19.65	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.55	24		10	130
			Anthracene-d10	40	20.05	50		10	150
			Pyrene-d10	40	21.56	54		10	130
			Benzo(a)pyrene-d12	40	19.84	50		10	140
P4429-06	A4F94	BP022510.D	Pyridine-d5	40	12.52	31		20	120
			1,4-Dioxane-d8	8	2.84	35		15	120
			Phenol-d5	40	16.48	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.02	43		10	150
			2-Chlorophenol-d4	40	18.11	45		15	120
			4-Methylphenol-d8	40	17.63	44		10	140
			Nitrobenzene-d5	40	17.78	44		10	135
			2-Nitrophenol-d4	40	18.33	46		10	120
			2,4-Dichlorophenol-d3	40	17.88	45		10	140
			4-Chloroaniline-d4	40	16.52	41		1	145
			Dimethylphthalate-d6	40	18.56	46		10	145
			Acenaphthylene-d8	40	18.60	47		15	120
			4-Nitrophenol-d4	40	12.24	31		10	150

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4429-06	A4F94	BP022510.D	Fluorene-d10	40	19.45	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.44	21		10	130
			Anthracene-d10	40	20.33	51		10	150
			Pyrene-d10	40	21.20	53		10	130
			Benzo(a)pyrene-d12	40	20.32	51		10	140
P4429-07	A4FA5	BP022512.D	1,4-Dioxane-d8	8	1.91	24		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.11	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.10	30		10	150
			2-Chlorophenol-d4	40	12.31	31		15	120
			4-Methylphenol-d8	40	10.21	26		10	140
			Nitrobenzene-d5	40	12.78	32		10	135
			2-Nitrophenol-d4	40	12.42	31		10	120
			2,4-Dichlorophenol-d3	40	11.91	30		10	140
			4-Chloroaniline-d4	40	7.65	19		1	145
			Dimethylphthalate-d6	40	12.68	32		10	145
			Acenaphthylene-d8	40	12.52	31		15	120
			4-Nitrophenol-d4	40	7.39	18		10	150
			Fluorene-d10	40	12.93	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.59	16		10	130
			Anthracene-d10	40	13.07	33		10	150
			Pyrene-d10	40	12.11	30		10	130
			Benzo(a)pyrene-d12	40	8.53	21		10	140
			Pyridine-d5	40	1.83	5	*	20	120
			1,4-Dioxane-d8	8	2.06	26		15	120
P4429-08	A4FA6	BP022507.D	Phenol-d5	40	12.06	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.22	31		10	150
			2-Chlorophenol-d4	40	12.79	32		15	120
			4-Methylphenol-d8	40	11.90	30		10	140
			Nitrobenzene-d5	40	12.42	31		10	135
			2-Nitrophenol-d4	40	13.04	33		10	120
			2,4-Dichlorophenol-d3	40	12.80	32		10	140
			4-Chloroaniline-d4	40	6.91	17		1	145
			Dimethylphthalate-d6	40	14.10	35		10	145
			Acenaphthylene-d8	40	13.50	34		15	120
			4-Nitrophenol-d4	40	9.34	23		10	150
			Fluorene-d10	40	14.81	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.77	24		10	130
			Anthracene-d10	40	14.85	37		10	150
			Pyrene-d10	40	13.29	33		10	130
			Benzo(a)pyrene-d12	40	10.14	25		10	140
			1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	16.16	40		20	120
			Phenol-d5	40	21.82	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.42	54		10	150
P4429-09	A4FB0	BP022527.D	2-Chlorophenol-d4	40	23.23	58		15	120
			4-Methylphenol-d8	40	23.28	58		10	140
			Nitrobenzene-d5	40	22.31	56		10	135
			2-Nitrophenol-d4	40	22.52	56		10	120

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4429-09	A4FB0	BP022527.D	2,4-Dichlorophenol-d3	40	22.70	57		10	140
			4-Chloroaniline-d4	40	19.18	48		1	145
			Dimethylphthalate-d6	40	22.21	56		10	145
			Acenaphthylene-d8	40	23.01	58		15	120
			4-Nitrophenol-d4	40	17.35	43		10	150
			Fluorene-d10	40	23.29	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.60	27		10	130
			Anthracene-d10	40	24.07	60		10	150
			Pyrene-d10	40	25.55	64		10	130
			Benzo(a)pyrene-d12	40	23.63	59		10	140
P4429-10	A4FB3	BP022529.D	1,4-Dioxane-d8	8	1.93	24		15	120
			Pyridine-d5	40	1.29	3	*	20	120
			Phenol-d5	40	10.51	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.78	27		10	150
			2-Chlorophenol-d4	40	11.51	29		15	120
			4-Methylphenol-d8	40	11.39	28		10	140
			Nitrobenzene-d5	40	11.02	28		10	135
			2-Nitrophenol-d4	40	11.25	28		10	120
			2,4-Dichlorophenol-d3	40	11.85	30		10	140
			4-Chloroaniline-d4	40	7.11	18		1	145
			Dimethylphthalate-d6	40	12.78	32		10	145
			Acenaphthylene-d8	40	12.57	31		15	120
			4-Nitrophenol-d4	40	7.63	19		10	150
			Fluorene-d10	40	13.57	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.25	11		10	130
			Anthracene-d10	40	13.58	34		10	150
			Pyrene-d10	40	12.14	30		10	130
			Benzo(a)pyrene-d12	40	8.64	22		10	140
P4429-19	A4F62	BP022508.D	1,4-Dioxane-d8	8	2.17	27		15	120
			Pyridine-d5	40	12.05	30		20	120
			Phenol-d5	40	16.29	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.56	41		10	150
			2-Chlorophenol-d4	40	16.79	42		15	120
			4-Methylphenol-d8	40	17.65	44		10	140
			Nitrobenzene-d5	40	17.32	43		10	135
			2-Nitrophenol-d4	40	17.94	45		10	120
			2,4-Dichlorophenol-d3	40	17.24	43		10	140
			4-Chloroaniline-d4	40	16.65	42		1	145
			Dimethylphthalate-d6	40	19.24	48		10	145
			Acenaphthylene-d8	40	19.10	48		15	120
			4-Nitrophenol-d4	40	13.35	33		10	150
			Fluorene-d10	40	19.50	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.33	31		10	130
			Anthracene-d10	40	20.59	51		10	150
			Pyrene-d10	40	21.98	55		10	130
			Benzo(a)pyrene-d12	40	20.56	51		10	140
P4429-20	A4F66	BP022509.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	16.79	42		20	120
			Phenol-d5	40	23.14	58		10	130

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4429-20	A4F66	BP022509.D	Bis(2-Chloroethyl)ether-d8	40	22.36	56		10	150
			2-Chlorophenol-d4	40	23.84	60		15	120
			4-Methylphenol-d8	40	25.73	64		10	140
			Nitrobenzene-d5	40	24.14	60		10	135
			2-Nitrophenol-d4	40	25.46	64		10	120
			2,4-Dichlorophenol-d3	40	25.51	64		10	140
			4-Chloroaniline-d4	40	23.12	58		1	145
			Dimethylphthalate-d6	40	27.85	70		10	145
			Acenaphthylene-d8	40	27.32	68		15	120
			4-Nitrophenol-d4	40	21.35	53		10	150
			Fluorene-d10	40	28.12	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.22	46		10	130
			Anthracene-d10	40	29.08	73		10	150
			Pyrene-d10	40	31.76	79		10	130
			Benzo(a)pyrene-d12	40	29.19	73		10	140
P4429-22	A4F74	BP022528.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	14.94	37		20	120
			Phenol-d5	40	19.75	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.44	49		10	150
			2-Chlorophenol-d4	40	20.61	52		15	120
			4-Methylphenol-d8	40	21.13	53		10	140
			Nitrobenzene-d5	40	21.06	53		10	135
			2-Nitrophenol-d4	40	21.47	54		10	120
			2,4-Dichlorophenol-d3	40	21.25	53		10	140
			4-Chloroaniline-d4	40	20.24	51		1	145
			Dimethylphthalate-d6	40	22.07	55		10	145
			Acenaphthylene-d8	40	22.84	57		15	120
			4-Nitrophenol-d4	40	15.63	39		10	150
			Fluorene-d10	40	23.22	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.34	18		10	130
			Anthracene-d10	40	24.15	60		10	150
			Pyrene-d10	40	26.36	66		10	130
PB164283BL	PB164283BL	BP022503.D	Benzo(a)pyrene-d12	40	24.19	60		10	140
			Pyridine-d5	40	26.57	66		20	120
			1,4-Dioxane-d8	8	5.69	71		15	120
			Phenol-d5	40	26.78	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.05	70		10	150
			2-Chlorophenol-d4	40	29.02	73		15	120
			4-Methylphenol-d8	40	26.85	67		10	140
			Nitrobenzene-d5	40	30.16	75		10	135
			2-Nitrophenol-d4	40	31.01	78		10	120
			2,4-Dichlorophenol-d3	40	27.37	68		10	140
			4-Chloroaniline-d4	40	27.84	70		1	145
			Dimethylphthalate-d6	40	30.34	76		10	145
			Acenaphthylene-d8	40	28.93	72		15	120
			4-Nitrophenol-d4	40	22.73	57		10	150
			Fluorene-d10	40	29.01	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.83	65		10	130
			Anthracene-d10	40	30.50	76		10	150

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164283BL	PB164283BL	BP022503.D	Pyrene-d10	40	30.14	75		10	130
			Benzo(a)pyrene-d12	40	30.63	77		10	140
PB164283BS	PB164283BS	BP022516.D	1,4-Dioxane-d8	8	4.85	61		15	120
			Pyridine-d5	40	27.32	68		20	120
			Phenol-d5	40	31.46	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.52	71		10	150
			2-Chlorophenol-d4	40	32.34	81		15	120
			4-Methylphenol-d8	40	32.23	81		10	140
			Nitrobenzene-d5	40	30.52	76		10	135
			2-Nitrophenol-d4	40	31.95	80		10	120
			2,4-Dichlorophenol-d3	40	31.84	80		10	140
			4-Chloroaniline-d4	40	27.56	69		1	145
			Dimethylphthalate-d6	40	29.86	75		10	145
			Acenaphthylene-d8	40	29.98	75		15	120
			4-Nitrophenol-d4	40	28.88	72		10	150
			Fluorene-d10	40	29.69	74		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.84	70		10	130
			Anthracene-d10	40	29.03	73		10	150
			Pyrene-d10	40	31.80	79		10	130
			Benzo(a)pyrene-d12	40	30.82	77		10	140

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4380-23RX	E27G8RX	BP022513.D	1,4-Dioxane-d8	8	4.85	61		15	120
			Pyridine-d5	40	10.20	25		20	120
			Phenol-d5	40	12.25	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.09	80		25	120
			2-Chlorophenol-d4	40	33.58	84		20	130
			4-Methylphenol-d8	40	24.57	61		25	125
			Nitrobenzene-d5	40	36.79	92		20	125
			2-Nitrophenol-d4	40	39.00	97		20	130
			2,4-Dichlorophenol-d3	40	37.27	93		20	120
			4-Chloroaniline-d4	40	25.08	63		1	146
			Dimethylphthalate-d6	40	33.67	84		25	130
			Acenaphthylene-d8	40	35.87	90		10	130
			4-Nitrophenol-d4	40	12.03	30		10	150
			Fluorene-d10	40	36.03	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.05	88		10	130
			Anthracene-d10	40	38.66	97		25	130
			Pyrene-d10	40	40.70	102		15	130
			Benzo(a)pyrene-d12	40	40.18	100		20	130
PB164300BL	PB164300BL	BP022514.D	1,4-Dioxane-d8	8	4.70	59		15	120
			Pyridine-d5	40	22.60	57		20	120
			Phenol-d5	40	23.78	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.50	59		25	120
			2-Chlorophenol-d4	40	25.05	63		20	130
			4-Methylphenol-d8	40	23.99	60		25	125
			Nitrobenzene-d5	40	26.23	66		20	125
			2-Nitrophenol-d4	40	27.34	68		20	130
			2,4-Dichlorophenol-d3	40	24.92	62		20	120
			4-Chloroaniline-d4	40	25.02	63		1	146
			Dimethylphthalate-d6	40	26.50	66		25	130
			Acenaphthylene-d8	40	25.69	64		10	130
			4-Nitrophenol-d4	40	21.26	53		10	150
			Fluorene-d10	40	25.55	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.86	57		10	130
			Anthracene-d10	40	27.21	68		25	130
			Pyrene-d10	40	27.55	69		15	130
			Benzo(a)pyrene-d12	40	26.89	67		20	130
PB164300BS	PB164300BS	BP022515.D	1,4-Dioxane-d8	8	4.91	61		15	120
			Pyridine-d5	40	27.12	68		20	120
			Phenol-d5	40	30.68	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.47	69		25	120
			2-Chlorophenol-d4	40	31.61	79		20	130
			4-Methylphenol-d8	40	31.69	79		25	125
			Nitrobenzene-d5	40	29.18	73		20	125
			2-Nitrophenol-d4	40	30.99	77		20	130
			2,4-Dichlorophenol-d3	40	31.38	78		20	120
			4-Chloroaniline-d4	40	25.48	64		1	146
			Dimethylphthalate-d6	40	28.22	71		25	130
			Acenaphthylene-d8	40	28.07	70		10	130
			4-Nitrophenol-d4	40	28.59	71		10	150

Surrogate Summary

SW-846

SDG No.: BP102124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB164300BS	PB164300BS	BP022515.D	Fluorene-d10	40	28.28	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	28.48	71		10	130
			Anthracene-d10	40	28.65	72		25	130
			Pyrene-d10	40	30.38	76		15	130
			Benzo(a)pyrene-d12	40	29.64	74		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102124

Lab Code: CHEM

SAS No.: BP102124 SDG NO.: BP102124

Lab File ID: BP022501.D

DFTPP Injection Date: 10/21/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	37.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	32.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	79
443	15.0 - 24.0% of mass 442	15.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020667	SSTDCCC020	BP022502.D	10/21/2024	12:43
SBLK283	PB164283BL	BP022503.D	10/21/2024	13:24
A4F89	P4429-03	BP022504.D	10/21/2024	14:04
E27G7DL	P4380-22DL	BP022505.D	10/21/2024	14:45
EOAY0	P4346-20	BP022506.D	10/21/2024	15:25
A4FA6	P4429-08	BP022507.D	10/21/2024	16:06
A4F62	P4429-19	BP022508.D	10/21/2024	16:47
A4F66	P4429-20	BP022509.D	10/21/2024	17:28
A4F94	P4429-06	BP022510.D	10/21/2024	18:08
A4F90	P4429-04	BP022511.D	10/21/2024	18:49
A4FA5	P4429-07	BP022512.D	10/21/2024	19:30
E27G8RX	P4380-23RX	BP022513.D	10/21/2024	20:11
SBLK300	PB164300BL	BP022514.D	10/21/2024	20:52
SLCS300	PB164300BS	BP022515.D	10/21/2024	21:32
SLCS283	PB164283BS	BP022516.D	10/21/2024	22:13
SSTD020668	SSTDCCC020	BP022517.D	10/21/2024	23:35
SBLK219	PB164219BL	BP022518.D	10/22/2024	00:15
A4F70	P4414-03	BP022519.D	10/22/2024	00:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP102124

Lab Code: CHEM

SAS No.: BP102124 SDG NO.: BP102124

Lab File ID: BP022501.D

DFTPP Injection Date: 10/21/2024

Instrument ID: BNA_P

DFTPP Injection Time: 12:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.6
68	Less than 2.0% of mass 69	0.5 (1.8) 1
69	Mass 69 relative abundance	31.3
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	37.6
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	32.6
365	Greater than 1% of mass 198	4.2
441	Present, but less than mass 443	12.5
442	Greater than 50% of mass 198	79
443	15.0 - 24.0% of mass 442	15.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
A4F95	P4414-07	BP022520.D	10/22/2024	01:36
A4F83	P4414-22	BP022521.D	10/22/2024	02:17
A4F86	P4414-23	BP022522.D	10/22/2024	02:58
A4FA0	P4414-10	BP022523.D	10/22/2024	03:38
A4FA2	P4414-11	BP022524.D	10/22/2024	04:19
A4F98	P4414-08	BP022525.D	10/22/2024	04:59
A4F71	P4414-04	BP022526.D	10/22/2024	05:40
A4FB0	P4429-09	BP022527.D	10/22/2024	06:20
A4F74	P4429-22	BP022528.D	10/22/2024	07:01
A4FB3	P4429-10	BP022529.D	10/22/2024	07:41
A4F64	P4414-18	BP022530.D	10/22/2024	08:22
A4F87	P4414-24	BP022531.D	10/22/2024	09:02